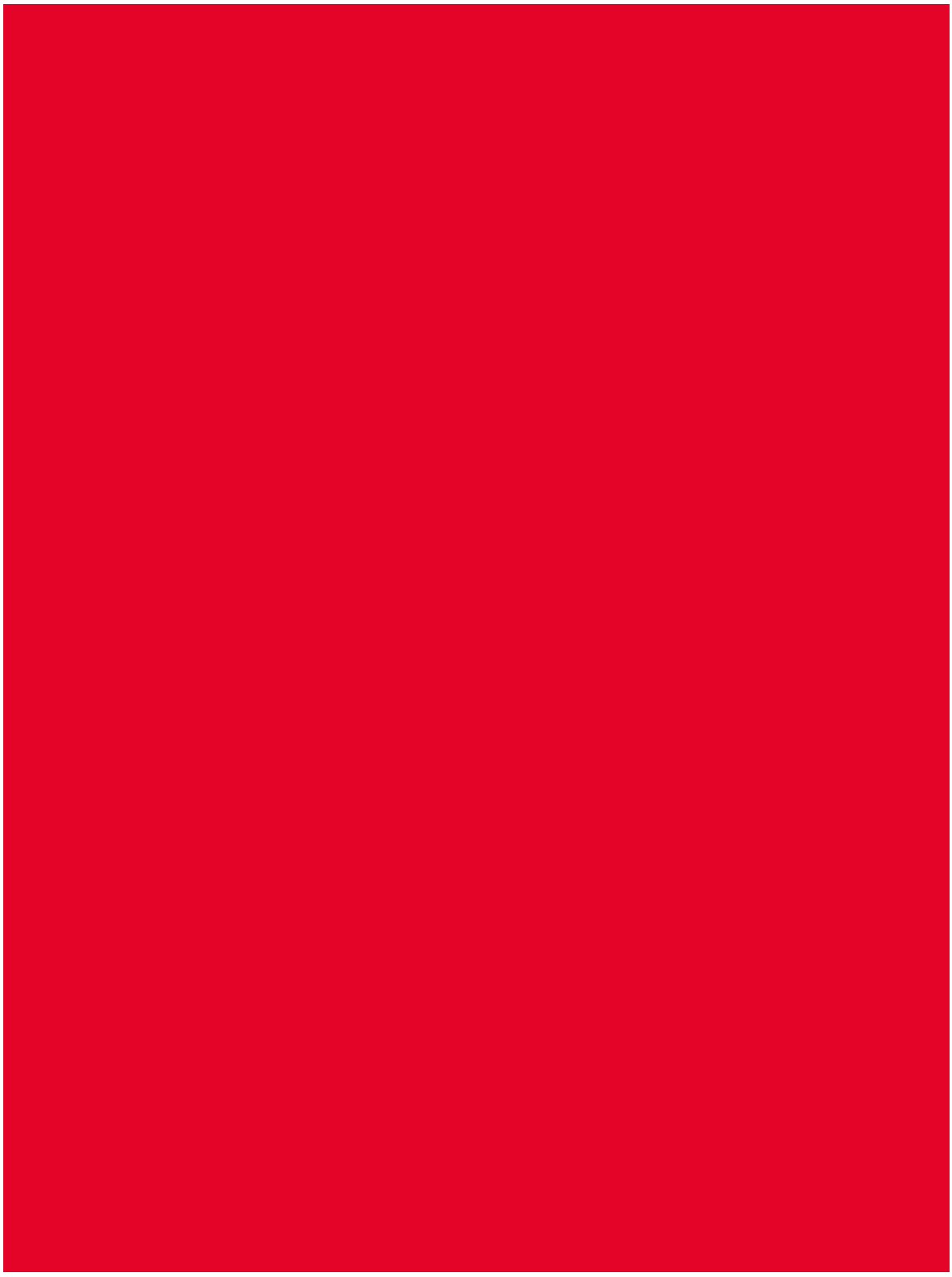
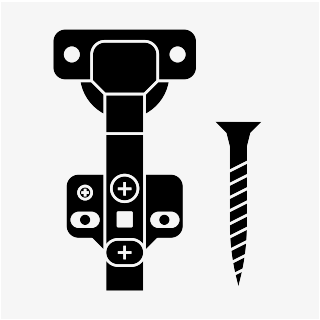
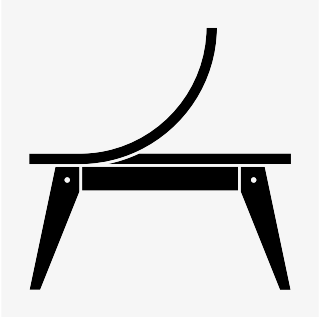
HRANIPEX CATALOGUE



Hranipex



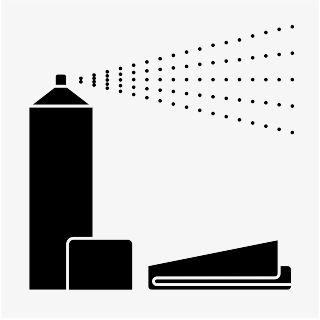
Furniture Fittings



Furniture Edges



Adhesives



Cleaners

About the Company

Dear Ladies and Gentlemen, Dear Partners,

It is my pleasure to introduce this year's product catalogue from Hranipex. For over 30 years, we have been your reliable partner – continuously innovating, expanding possibilities, and providing support to manufacturers and carpenters around the world. Today, we are present in more than 60 markets, delivering products that contribute to the creation of high-quality and beautiful furniture.

We offer a wide assortment of over 80.000 products, ranging from furniture edges and adhesives to cleaners and fittings. This allows you to conveniently source all the necessary components in one place. Our products are always designed to meet the highest standards, helping you achieve perfect results.

We also understand that time and efficiency are crucial for you. That's why we focus not only on top-quality products but also on fast deliveries and expert advice you can rely on.

At Hranipex, we recognize our broader responsibility – towards our customers, partners, and the world around us. That's why we place great emphasis on sustainability and continuously invest in innovations that reduce our environmental footprint and contribute to the long-term development of our industry. We support charitable projects and seek ways to benefit not only our sector but also the communities in which we operate.

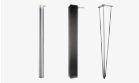
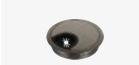
We believe that strong partnerships and collaboration are the keys to success. Thank you for being part of our journey. We look forward to standing by your side this year as well, helping you grow.

With respect,

Radek Haut
Commercial Director, Hranipex

Product Categories

● Furniture Fittings

	Drawer Slides	01
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	Opening Mechanisms	03
	Handles, Knobs, Profiles and Hooks	04
	Furniture Legs, Castors, Glides	05
	Legs and Table Slides	06
	Locks, Magnets, Plugs	07
	Office Fittings	08
	Kitchen Fittings	09
	Kitchen Storage Systems	10
	Wardrobe Fittings	11
	Sliding Door Fittings	12
	Lights and Electrical Equipment	13
	Connection Fittings	14
	Bed Fittings and Lift Mechanisms	15

● Furniture Edges

	ABS, Melamine, Veneer & Others	16

● Adhesives & Cleaners

	Adhesives	17
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Drawer Slides

Among the most popular solutions for our customers are the double wall drawers, which are used in a wide range of applications. A great choice in this assortment is the RiexTrack slides, which combine stylish design with high quality and durability. RiexTrack double wall slides also boast a lifetime guarantee of quality and functionality. Our new Riex ND60 range of drawer slides stands out for its smooth function and comes in beautiful shades of bright white and dark grey. Additionally, the ND60 double wall slide drawers are available for boards with a thickness of both 16 mm and 18 mm. Discover the wide range of Riex drawer systems that will delight you with their variability, wide range and immediate availability for any realization of today's imaginative interiors.



● **RiexTrack Double Wall Drawer** **1.3**
RiexTrack Drawers 1.4
RiexTrack Railings and Raised Sidewalls 1.9
RiexTrack Inner Drawer 1.11
RiexTrack Inner Division by Panels 1.13
RiexTrack Inner Division by Railings 1.15
RiexTrack Drawer Accessories 1.17
RiexTrack Cutlery Trays 1.18

● **Riex ND60 Double Wall Drawer** **1.21**
Riex ND60 Drawers 1.22
Riex ND60 Railings 1.26
Riex ND60 Inner Drawer 1.27
Riex ND60 Inner Division by Panels 1.29
Riex ND60 Drawer Accessories 1.31

● **Riex ND30 Double Wall Drawer** **1.33**
Riex ND30 Drawers 1.34
Riex ND30 Inner Drawer 1.41
Riex ND30 Inner Division by Panels 1.43
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● **Concealed Slides** **1.47**
Concealed Slides – Full Extension 1.48
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● **Ball Bearing Slides** **1.55**
Ball Bearing Slides – Soft-Close 1.56
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● **Roller Slides with Sidewalls** **1.67**

● **Roller Slides** **1.73**

● **Mounting Template for Slides** **1.75**

RiexTrack

- Double wall drawers
- Load capacity 40 kg
- TÜV – 100.000 cycles
- Available in 4 sidewall heights and lengths from 270 to 650 mm
- Smooth and silent operation with soft-close thanks to synchronisation
- Attractive colours
- Wide range of accessories
- Bottom panel thickness 16 mm
- Brackets integrated in sidewalls
- Front panel adjustment in horizontal and vertical direction plus drawer tilt:
  - Up / Down adjustment: ±2 mm
  - Left / Right adjustment: ±1 mm
  - Tilt adjustment: ±2 mm
- **Lifetime warranty**



RiexTrack Drawers

RiexTrack Height 89 mm

Length NL [mm]	White	Dark grey	Black
270	F000213	F000179	×
300	F000214	F000180	×
350	F000215	F000181	×
400	F000216	F000182	F000250
450	F000217	F000183	F000251
500	F000218	F000184	F000252
550	F000219	F000185	×
600	F000220	F000186	×
650	F000221	F000187	×

Package content:
- Pair of side walls
- Pair of slides
- Pair of front brackets
- Pair of cover caps
- Screws for front brackets



○ White

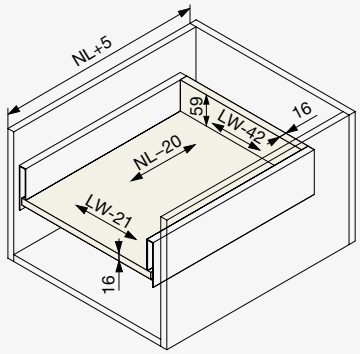


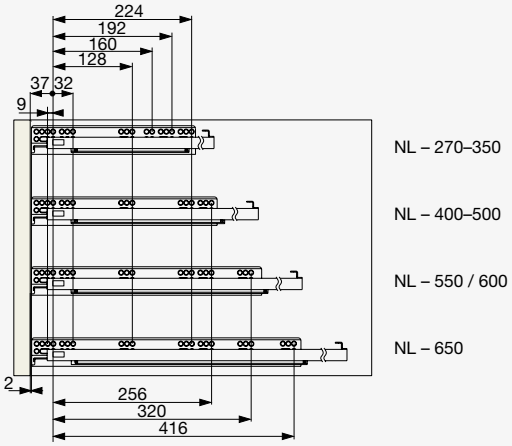
● Dark grey



● Black

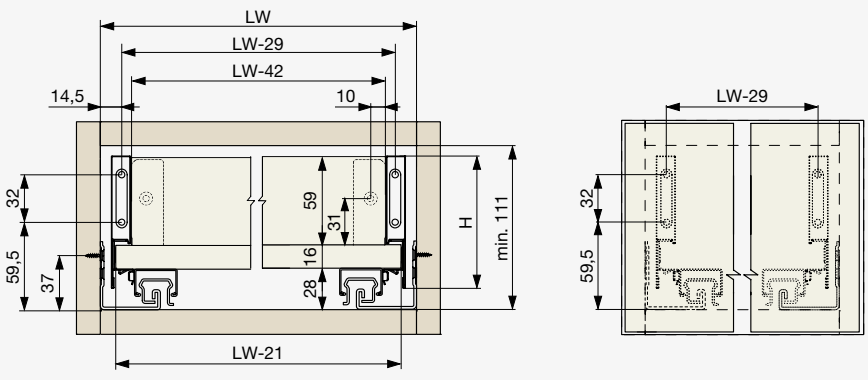
ⓘ Bottom and back panel dimensions





ⓘ Legend

H = 89
NL – nominal length of slides
NL + 5 – internal cabinet depth
NL - 20 – depth of bottom panel
LW – internal cabinet width
LW - 21 – width of bottom panel
LW - 29 – width of front panel holders
LW - 42 – width of back panel



RiexTrack Height 121 mm

Length NL [mm]	White	Dark grey	Black
270	**F000222**	**F000188**	×
300	**F000223**	**F000189**	×
350	**F000224**	**F000190**	×
400	**F000225**	**F000191**	**F000259**
450	**F000226**	**F000192**	**F000260**
500	**F000227**	**F000193**	**F000261**
550	**F000228**	**F000194**	×
600	**F000229**	**F000195**	×
650	**F000230**	**F000196**	×

Package content:
- Pair of side walls
- Pair of slides
- Pair of front brackets
- Pair of cover caps
- Screws for front brackets



○ White

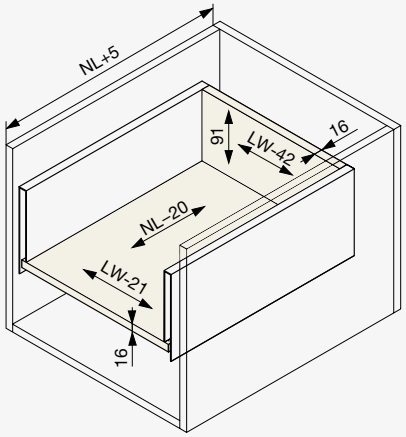


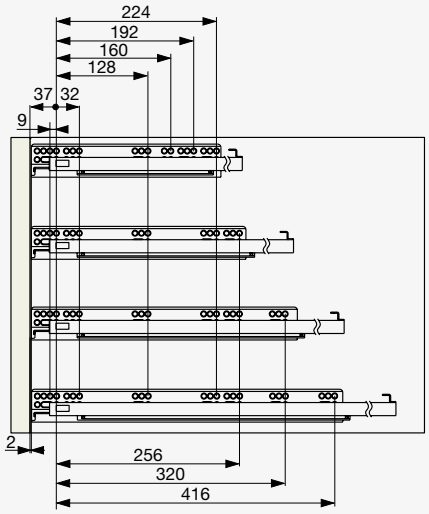
● Dark grey



● Black

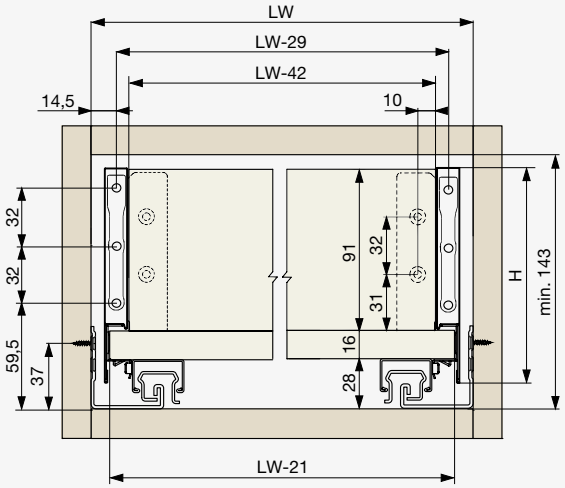
ⓘ Bottom and back panel dimensions

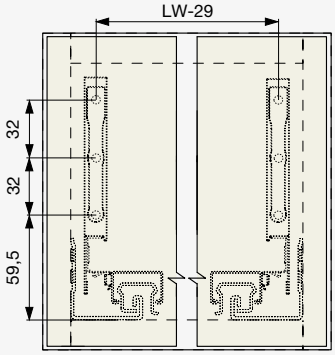




ⓘ Legend

H = 121
NL – nominal length of slides
NL + 5 – internal cabinet depth
NL - 20 – depth of bottom panel
LW – internal cabinet width
LW - 21 – width of bottom panel
LW - 29 – width of front panel holders
LW -42 – width of back panel





RiexTrack Height 185 mm

Length NL [mm]	White	Dark grey	Black
300	F000231	F000197	×
350	F000232	F000198	×
400	F000233	F000199	F000267
450	F000234	F000200	F000268
500	F000235	F000201	F000269
550	F000236	F000202	×
600	F000237	F000203	×
650	F000238	F000204	×

Package content:
- Pair of side walls
- Pair of slides
- Pair of front brackets
- Pair of cover caps
- Screws for front brackets



○ White

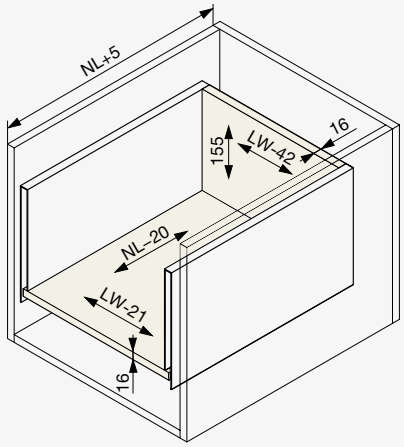


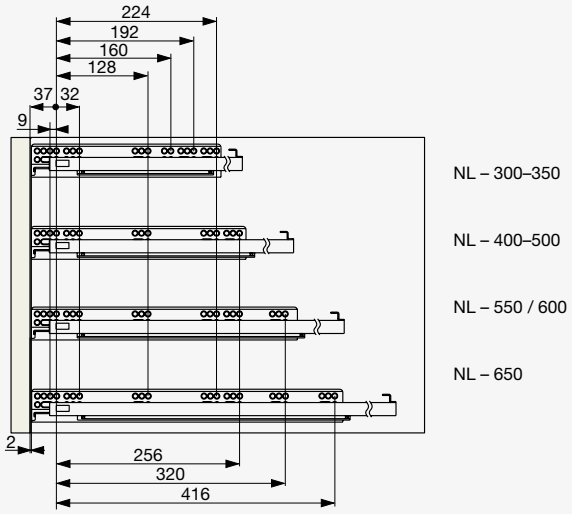
● Dark grey



● Black

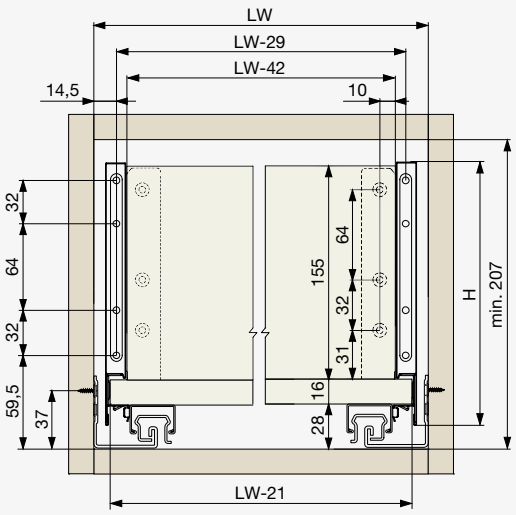
ⓘ Bottom and back panel dimensions

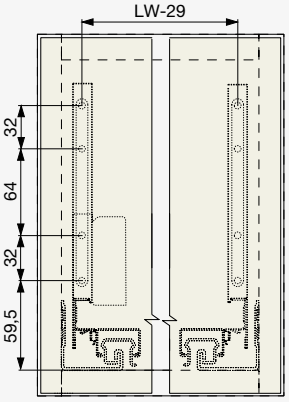




ⓘ Legend

H = 185
NL – nominal length of slides
NL + 5 – internal cabinet depth
NL - 20 – depth of bottom panel
LW – internal cabinet width
LW - 21 – width of bottom panel
LW - 29 – width of front panel holders
LW - 42 – width of back panel





RiexTrack Height 249 mm

Length NL [mm]	White	Dark grey	Black
450	**F000242**	**F000208**	**F000276**
500	**F000243**	**F000209**	**F000277**
550	**F000244**	**F000210**	×
600	**F000245**	**F000211**	×

Package content:
- Pair of side walls
- Pair of slides
- Pair of front brackets
- Pair of cover caps
- Screws for front brackets



○ White

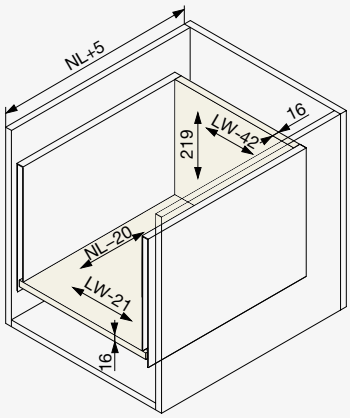


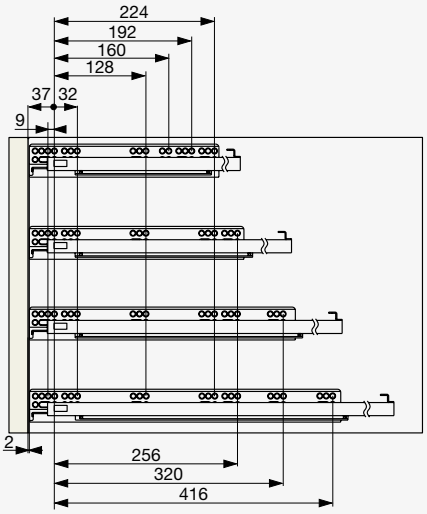
● Dark grey



● Black

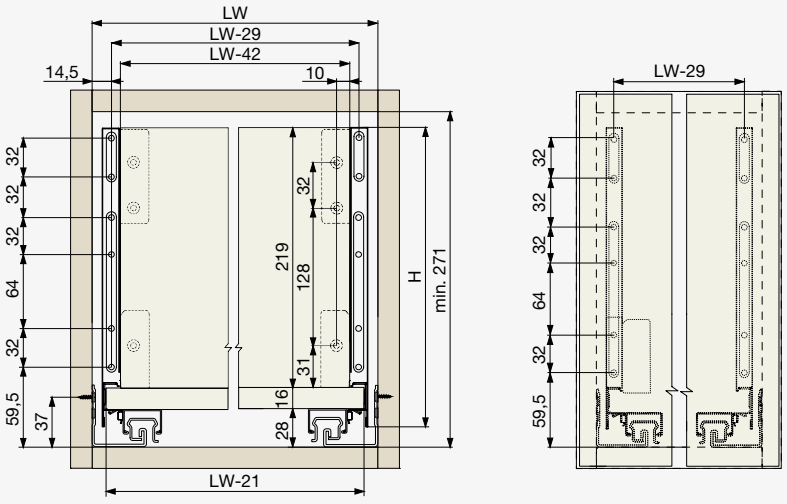
ⓘ Bottom and back panel dimensions





ⓘ Legend

H = 249
NL – nominal length of slides
NL + 5 – internal cabinet depth
NL - 20 – depth of bottom panel
LW – internal cabinet width
LW - 21 – width of bottom panel
LW - 29 – width of front panel holders
LW - 42 – width of back panel





RiexTrack Railings and Raised Sidewalls

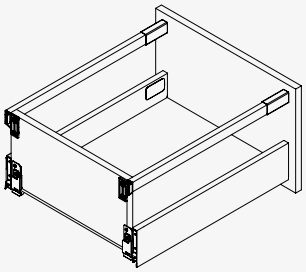
RiexTrack Square Railings

Length NL [mm]	White	Dark grey	Black
300	F000657	F000648	×
350	F000658	F000649	×
400	F000659	F000650	F000665
450	F000660	F000651	F000666
500	F000661	F000652	F000667
550	F000662	F000653	×
600	F000663	F000654	×
650	F000664	F000655	×

Contains a pair of square railings and back brackets.



○ White

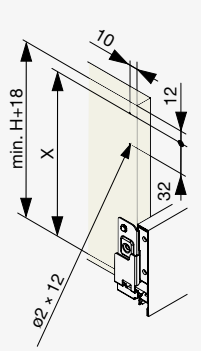


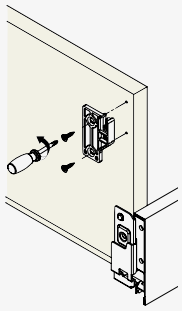


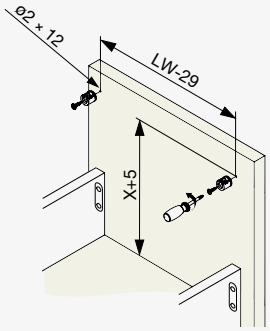
● Dark grey

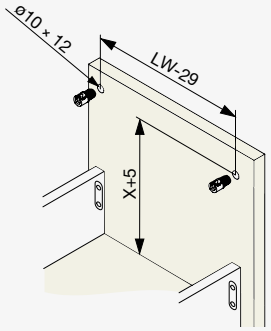


● Black









ⓘ **Legend**

LW – internal cabinet width
LW - 29 – width of front panel holders
X – distance of back railing brackets from bottom panel
X + 5 – distance of front railing brackets from bottom panel

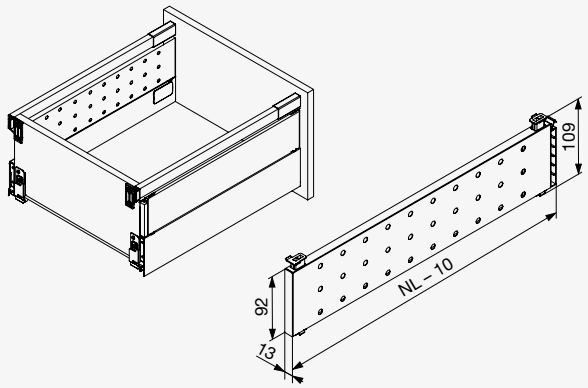
RiexTrack Raised Sidewalls with Perforation

Length NL [mm]	White	Dark grey	Black
300	**F000600**	**F000609**	×
350	**F000601**	**F000610**	×
400	**F000602**	**F000611**	×
450	**F000603**	**F000612**	×
500	**F000604**	**F000613**	×
550	**F000605**	**F000614**	×
600	**F000606**	**F000615**	×
650	**F000607**	**F000616**	×

The raised sidewalls have to be used with square railings.
Perforation in raised sidewalls serves for internal dividers positioning – p. 1.13–1.14.

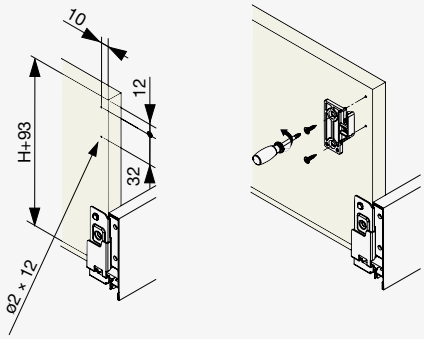


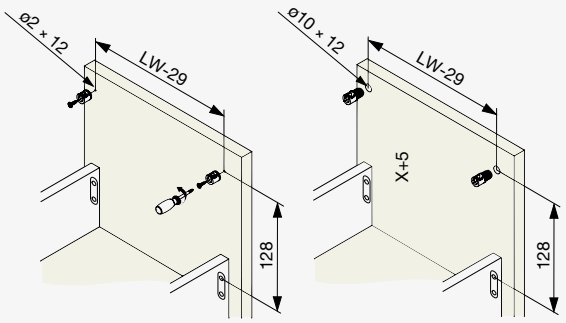
○ White





● Dark grey



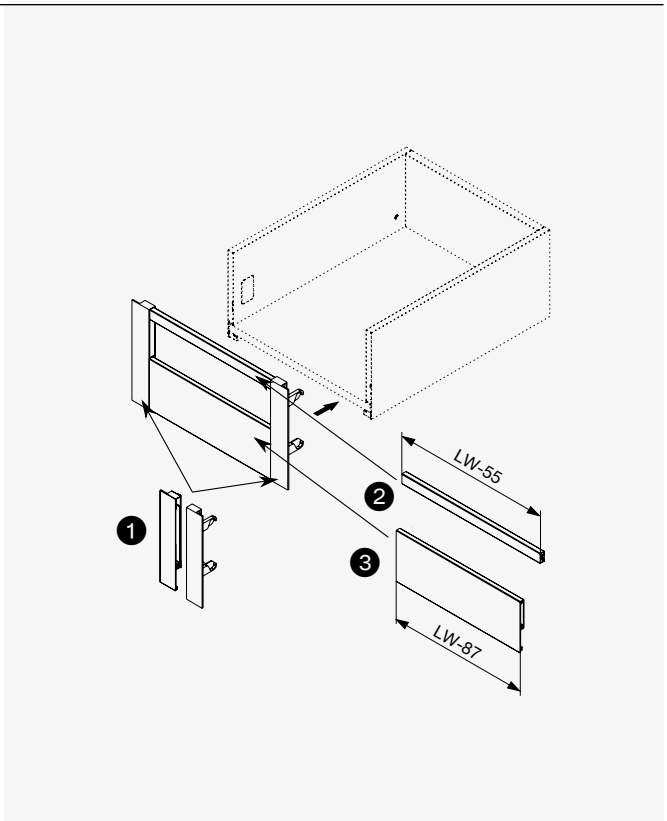


ⓘ **Legend**

LW – internal cabinet width
LW - 29 – width of front panel holders
H – height of drawer
H + 93 – height of back panel

RiexTrack Inner Drawer





❶ RiexTrack Front Panel Holder

- For H249 inner drawer panel holder isn´t available

Height [mm]	White	Dark grey	Black
89	F000627	F000623	F000631
121	F000628	F000624	F000632
185	F000629	F000625	F000633



○ White



● Dark grey



● Black

❷ RiexTrack Front Square Railing

- Front railing may be shortened in size
- Length of railing is LW - 55
  [LW = internal cabinet width]
- Front square railing is used only with inner drawer H185

Length [mm]	White	Dark grey	Black
800	F000643	F000641	F000645
1100	F000644	F000642	F000646



○ White



● Dark grey



● Black

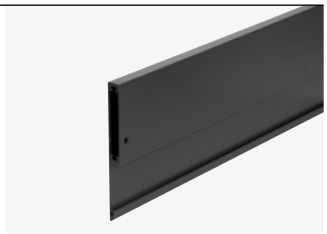
❸ RiexTrack Front Panel

- Front panel may be shortened in size
- Length of panel is LW - 87
  [LW = internal cabinet width]

Length [mm]	White	Dark grey	Black
800	F000637	F000635	F000639
1100	F000638	F000636	F000640



○ White



● Dark grey



● Black

❹ RiexTrack Bottom Support

- Bottom support for wider drawers
- Recommended from
  drawer width 600 mm

Position	Code
Front [inner drawer]	F000691

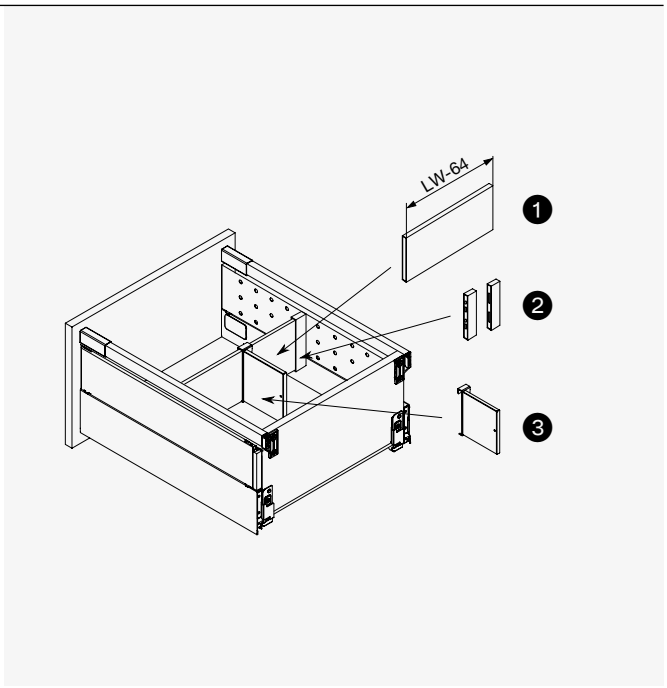


ⓘ Front [inner drawer]

RiexTrack Inner Division by Panels

- Compatible with perforated sidewalls only – p. 1.10





❶ RiexTrack Cross Dividing Panel

- Dividing panel may be shortened in size
- Length of panel is LW - 64
  [LW = internal cabinet width]

Length [mm]	White	Dark grey	Black
1100	F000619	F000620	×



○ White



● Dark grey

❷ RiexTrack Panel End Pieces

- Package contains a pair of end pieces

White	Dark grey	Black
F000621	F000622	×



○ White



● Dark grey

❸ RiexTrack Dividing Panel

White	Dark grey	Black
F000617	F000618	×



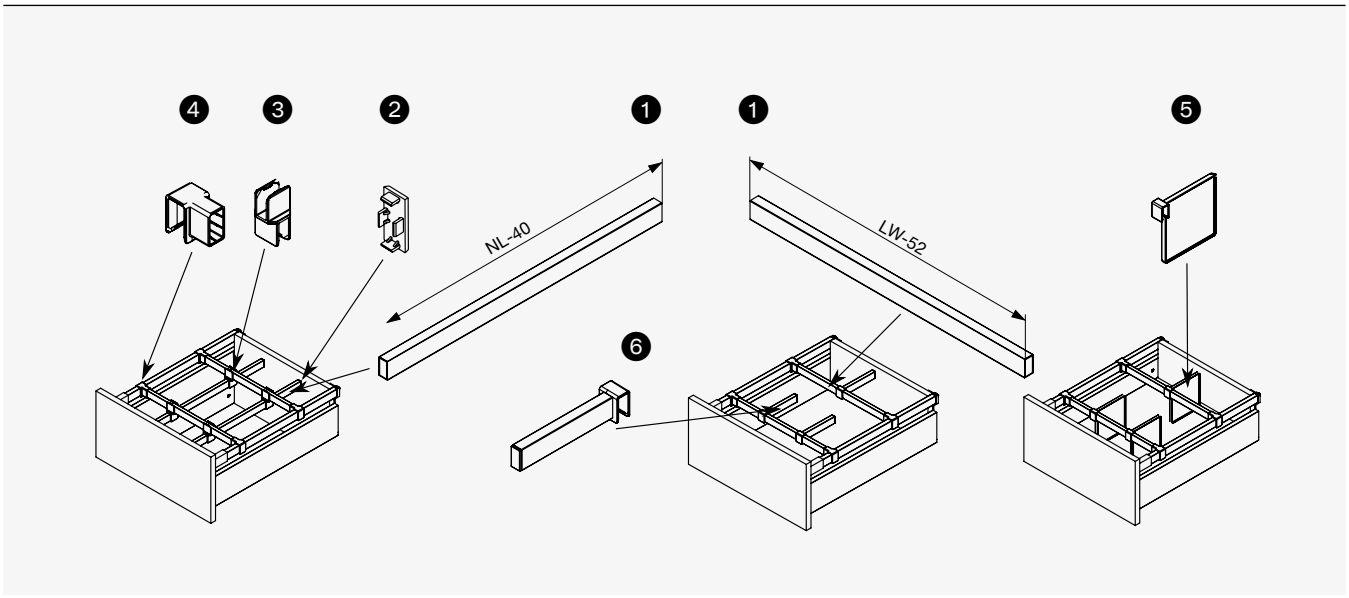
○ White



● Dark grey

RiexTrack Inner Division by Railings

- Compatible with square railings for raising a drawer only



❶ RiexTrack Dividing Railing


○ White


● Dark grey

- Dividing railing may be shortened in size
- Length of railing for longitudinal use is NL - 40 [NL = nominal length of slides]
- Length of railing for cross use is LW - 52 [LW = internal cabinet width]

Length [mm]	White	Dark grey	Black
800	F000670	F000668	×
1100	F000671	F000669	×

❷ RiexTrack Railing End Caps

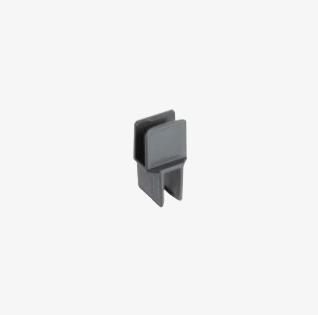

○ White


● Dark grey

White	Dark grey	Black
F000677	F000676	×

Contains a pair of end caps.

❸ RiexTrack Cross Connector

○ White ● Dark grey

White	Dark grey	Black
F000675	F000674	×

Packed by 1 piece.

❹ RiexTrack T Attachment




○ White ● Dark grey

White	Dark grey	Black
F000673	F000672	×

Packed by 1 piece.

❺ RiexTrack Dividing Panel




○ White ● Dark grey

White	Dark grey	Black
F000679	F000678	×

❻ RiexTrack Dividing Profile




○ White ● Dark grey

White	Dark grey	Black
F000681	F000680	×

RiexTrack Drawer Accessories

RiexTrack Cover Cap without Logo

- Custom logo on cover cap upon request

White	Dark grey	Black
F000687	F000686	F000688

○ White



● Dark grey



● Black

RiexTrack Bottom Support

- Bottom support for wider drawers
- Recommended from drawer width 600 mm

Position	Code
Front	F000689
Back	F000690
Front [inner drawer]	F000691



ⓘ Front [inner drawer]



ⓘ Back



ⓘ Front

RiexTrack Mounting Template for Front Panels

Height [mm]	Code
89	F000682
121	
185	F000684
249	



ⓘ F000682



ⓘ F000684

RiexTrack Cutlery Trays

- Other cuttlery trays types, see p. 9.4–9.11

RiexTrack Set of 3 + 2 Bowls

- Width 276 mm
- Stainless steel bowls



○ White



● Dark grey



● Black

Length [mm]	White	Dark grey	Black
500	F000693	F000696	F000699

RiexTrack Set of 3 + 3 Bowls

- Width 276 mm
- Stainless steel bowls



○ White

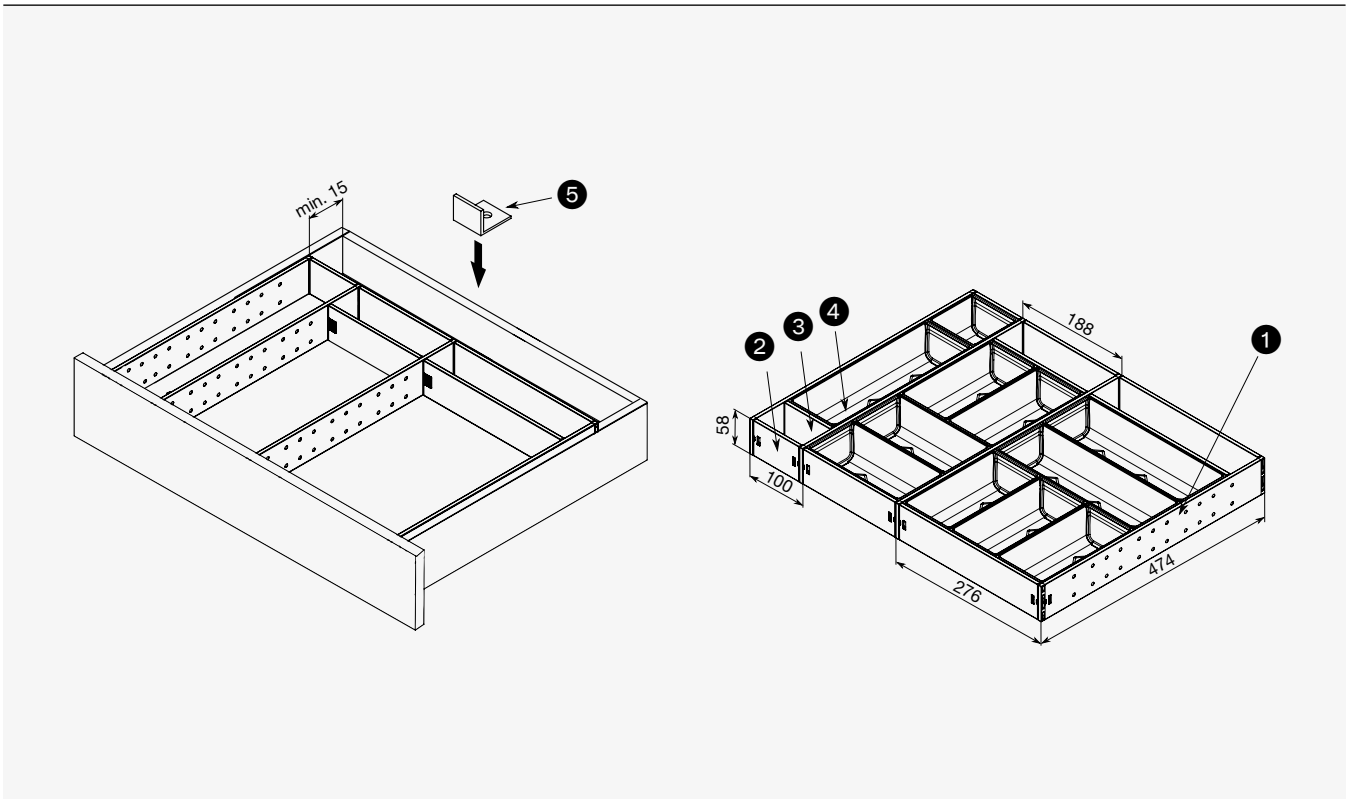


● Dark grey



● Black

Length [mm]	White	Dark grey	Black
500	F000701	F000704	F000707



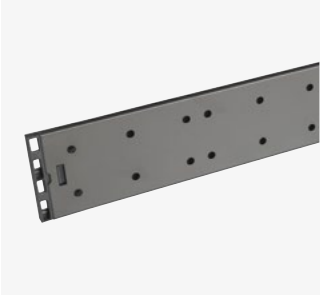
- Components for easy assembly of your own cutlery tray

❶ RiexTrack Side Panel

Length [mm]	White	Dark grey	Black
500	F000729	F000732	F000735



○ White



● Dark grey



● Black

❷ RiexTrack Front and Back Panel

○ White

Width [mm]	White	Dark grey	Black
88	F000719	F000722	F000725
176	F000720	F000723	F000726
264	F000721	F000724	F000727



● Dark grey



● Black

❸ RiexTrack Inner Dividing Panel



○ White

Width [mm]	White	Dark grey	Black
88	F000736	F000739	F000742
176	F000737	F000740	F000743
264	F000738	F000741	F000744



● Dark grey



● Black

❹ RiexTrack Stainless Steel Bowl



Length [mm]	Stainless steel
88	F000716
176	F000717
264	F000718

❺ RiexTrack Anti-slip Clip



Code
F000745

Used to fix the cutlery tray in the drawer.

Riex ND60

- Double wall drawers
- Load capacity 40 kg
- TÜV – 80.000 cycles
- Available in 4 sidewalls heights and lengths from 270 to 550 mm
- Smooth and silent operation with soft-close thanks to synchronisation
- Attractive colours
- Wide range of accessories
- **Bottom panel thickness 16 and 18 mm**
- Brackets integrated in sidewalls
- Front panel adjustment in horizontal and vertical direction:
  - Up / Down adjustment: ±2 mm
  - Left / Right adjustment: ±1.5 mm

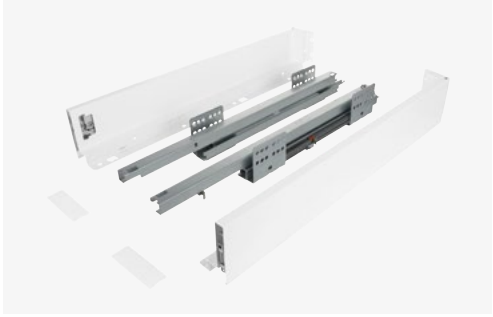


Riex ND60 Drawers

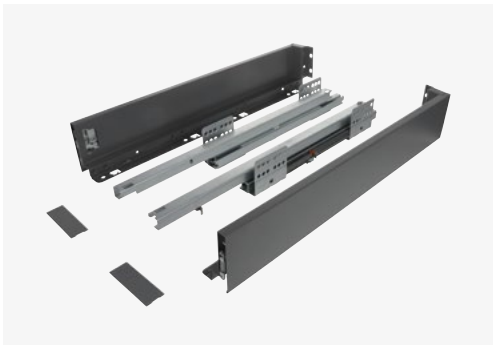
Riex ND60 Height 84 mm

Bottom thickness T [mm]	Length NL [mm]	White	Dark grey
16	270	F007437	F007411
	300	F007438	F007412
	350	F007439	F007413
	400	F007440	F007414
	450	F007441	F007415
	500	F007442	F007416
	550	F007443	F007417
18	270	F010830	F010812
	300	F010831	F010813
	350	F010832	F010814
	400	F010833	F010815
	450	F008301	F008293
	500	F008302	F008294
	550	F010834	F010816

Package content:
- Pair of side walls
- Pair of slides
- Pair of front brackets
- Pair of cover caps
- 18 mm version include reduction piece 18->16 mm

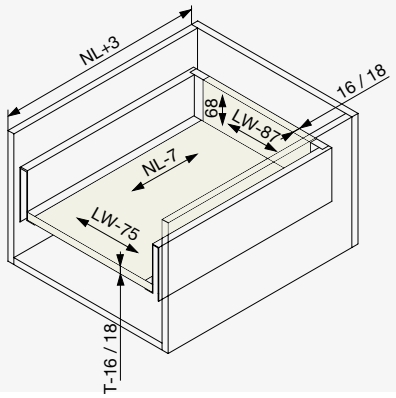


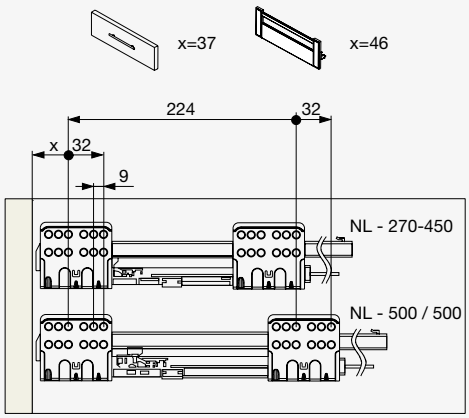
○ White



● Dark grey

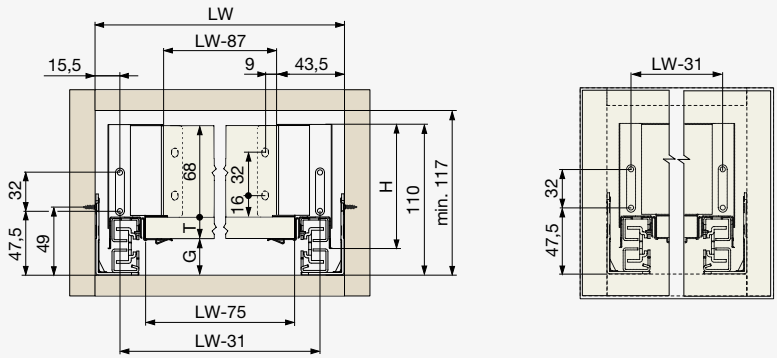
ⓘ Bottom and back panel dimensions





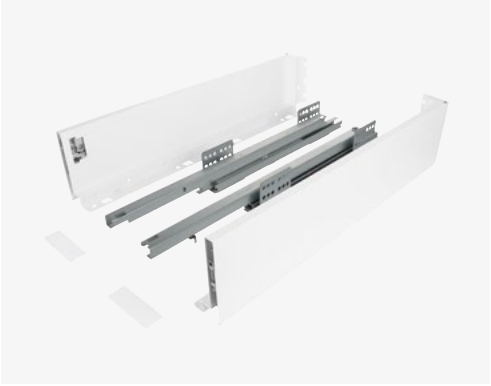
ⓘ Legend

H = 84
NL – nominal length of slides
NL + 3 – internal cabinet depth
NL - 7 – depth of bottom panel
LW – internal cabinet width
LW - 75 – width of bottom panel
LW - 31 – width of front panel holders
LW - 87 – width of back panel
T – bottom thickness
G – space under the drawer
T = 16 --> G = 26
T = 18 --> G = 24

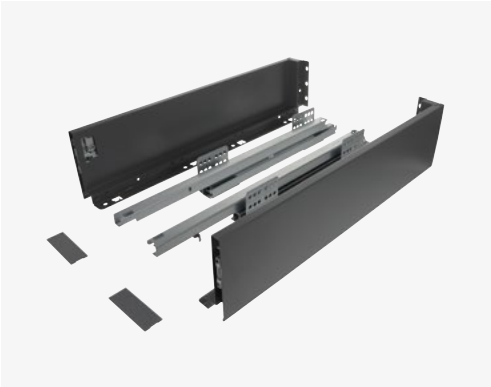


Riex ND60 Height 116 mm

Bottom thickness T [mm]	Length NL [mm]	White	Dark grey
16	270	F007444	F007418
	300	F007445	F007419
	350	F007446	F007420
	400	F007447	F007421
	450	F007448	F007422
	500	F007449	F007423
	550	F007450	F007424
18	270	F010835	F010817
	300	F010836	F010818
	350	F010837	F010819
	400	F010838	F010820
	450	F008303	F008295
	500	F008304	F008296
	550	F010839	F010821



○ White

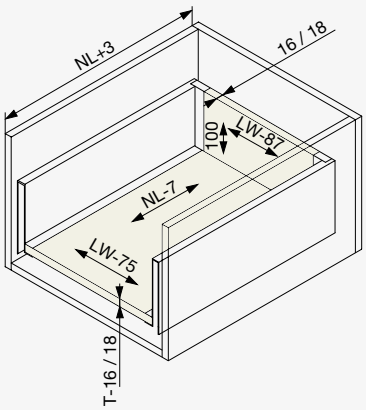


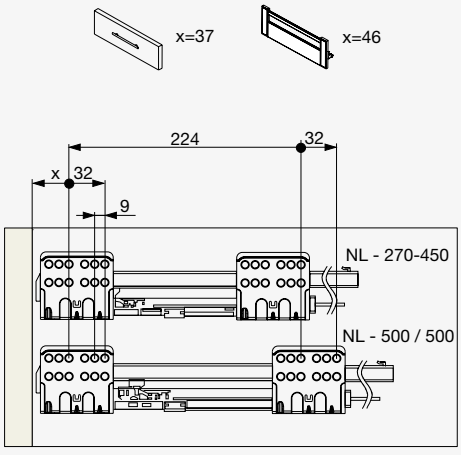
● Dark grey

Package content:

- Pair of side walls
- Pair of slides
- Pair of front brackets
- Pair of cover caps
- 18 mm version include reduction piece 18->16 mm

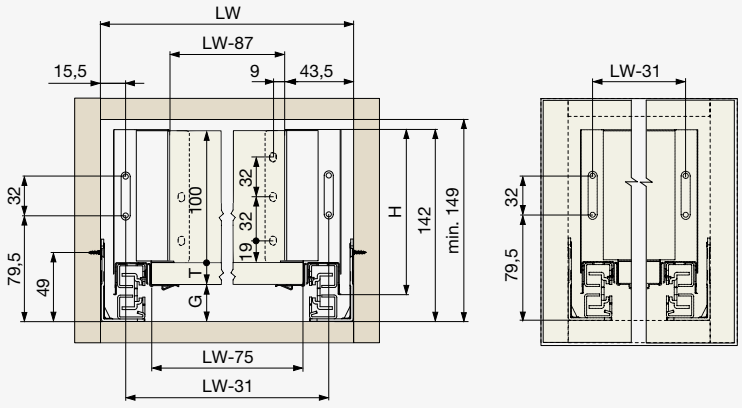
ⓘ Bottom and back panel dimensions





ⓘ Legend

H = 116
NL – nominal length of slides
NL + 3 – internal cabinet depth
NL - 7 – depth of bottom panel
LW – internal cabinet width
LW - 75 – width of bottom panel
LW - 31 – width of front panel holders
LW - 87 – width of back panel
T – bottom thickness
G – space under the drawer
T = 16 --> G = 26
T = 18 --> G = 24

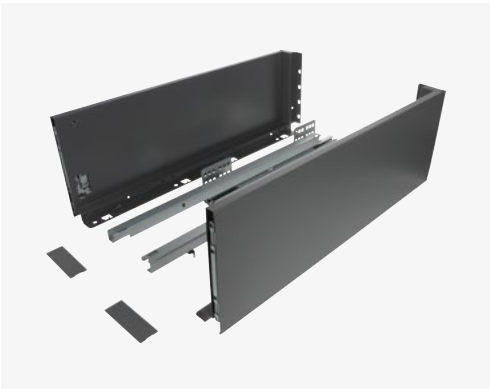


Riex ND60 Height 167 mm

Bottom thickness T [mm]	Length NL [mm]	White	Dark grey
16	300	F007451	F007425
	350	F007452	F007426
	400	F007453	F007427
	450	F007454	F007428
	500	F007455	F007429
	550	F007456	F007430
18	300	F010840	F010822
	350	F010841	F010823
	400	F010842	F010824
	450	F008305	F008297
	500	F008306	F008298
	550	F010843	F010825



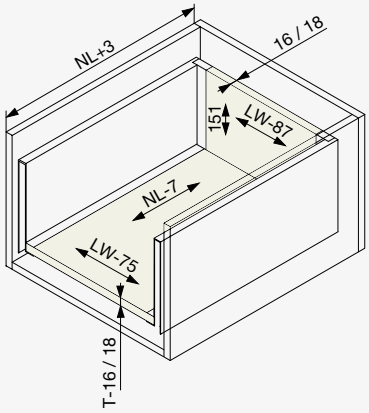
○ White

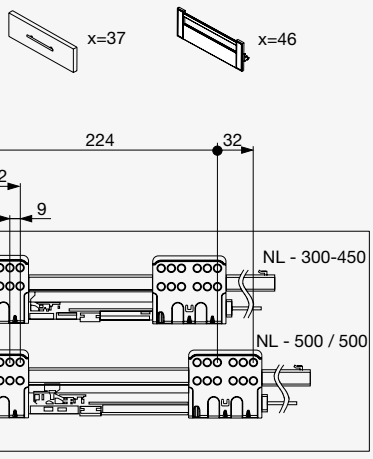


● Dark grey

Package content:
- Pair of side walls
- Pair of slides
- Pair of front brackets
- Pair of cover caps
- 18 mm version include reduction piece 18->16 mm

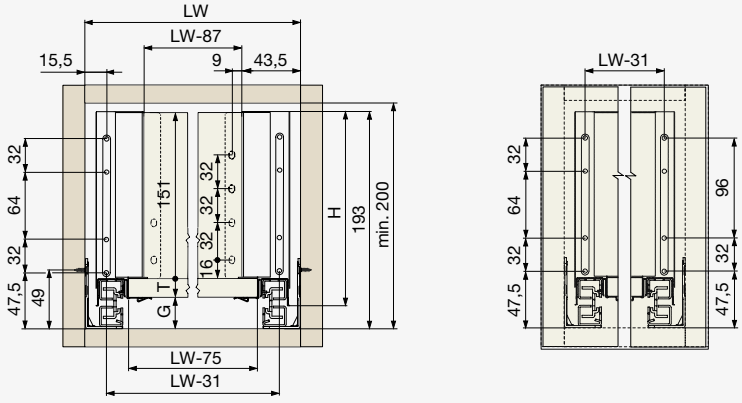
ⓘ Bottom and back panel dimensions





ⓘ Legend

H = 167
NL – nominal length of slides
NL + 3 – internal cabinet depth
NL - 7 – depth of bottom panel
LW – internal cabinet width
LW - 75 – width of bottom panel
LW - 31 – width of front panel holders
LW - 87 – width of back panel
T – bottom thickness
G – space under the drawer
T = 16 --> G = 26
T = 18 --> G = 24



Riex ND60 Height 199 mm

Bottom thickness T [mm]	Length NL [mm]	White	Dark grey
16	300	F007457	F007431
	350	F007458	F007432
	400	F007459	F007433
	450	F007460	F007434
	500	F007461	F007435
	550	F007462	F007436
18	300	F010844	F010826
	350	F010845	F010827
	400	F010846	F010828
	450	F008307	F008299
	500	F008308	F008300
	550	F010847	F010829



○ White

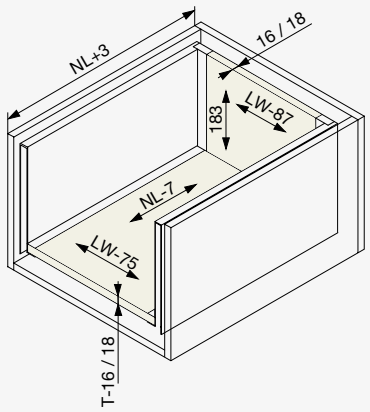


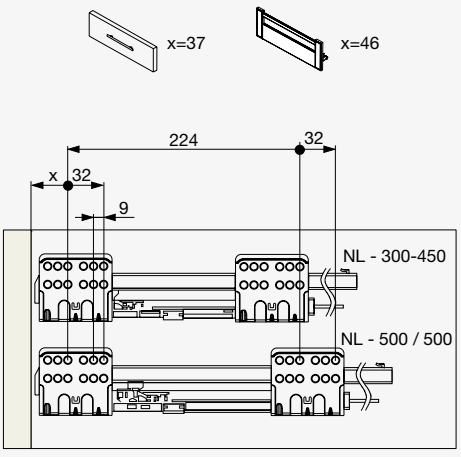
● Dark grey

Package content:

- Pair of side walls
- Pair of slides
- Pair of front brackets
- Pair of cover caps
- 18 mm version include reduction piece 18->16 mm

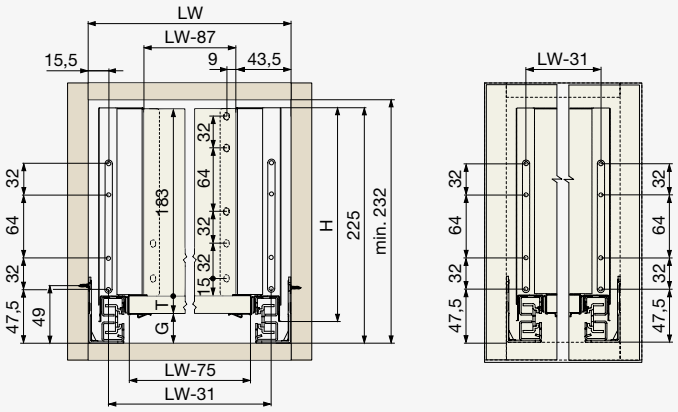
ⓘ Bottom and back panel dimensions





ⓘ Legend

H = 199
NL – nominal length of slides
NL + 3 – internal cabinet depth
NL - 7 – depth of bottom panel
LW – internal cabinet width
LW - 75 – width of bottom panel
LW - 31 – width of front panel holders
LW - 87 – width of back panel
T – bottom thickness
G – space under the drawer
T = 16 --> G = 26
T = 18 --> G = 24

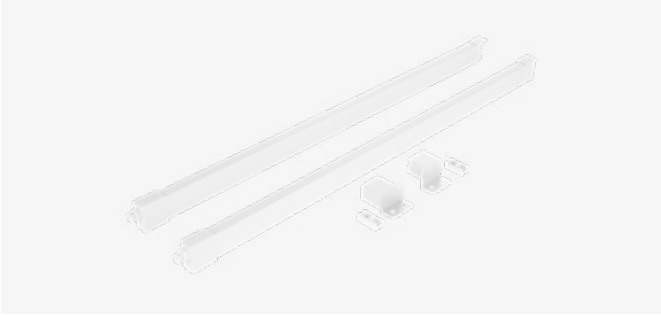


Riex ND60 Railings

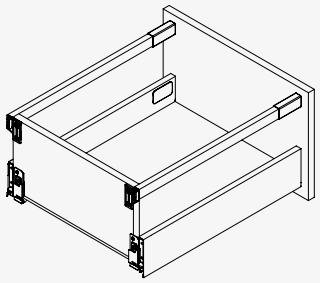
Riex ND60 Square Railings

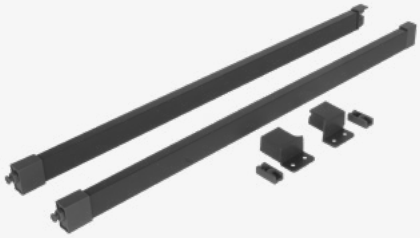
Length NL [mm]	White	Dark grey
300	F007530	F007524
350	F007531	F007525
400	F007532	F007526
450	F007533	F007527
500	F007534	F007528
550	F007535	F007529

Contains a pair of square railings and back brackets.

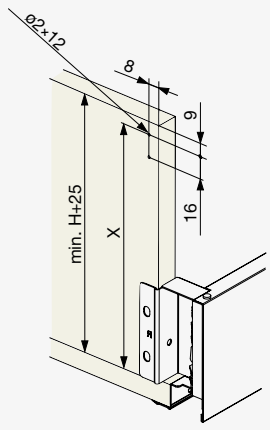


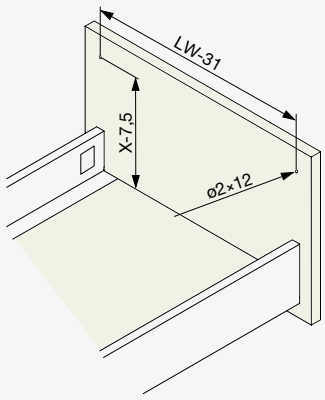
○ White





● Dark grey



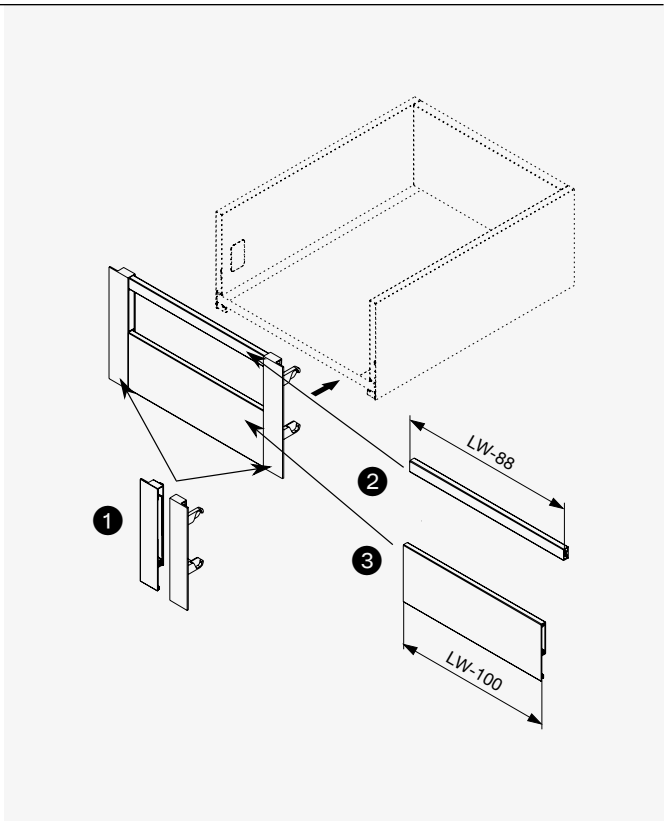


ⓘ Legend

LW – internal cabinet width
LW - 31 – width of front panel holders
X – distance of back railing brackets from bottom panel
X - 7.5 – distance of front railing brackets from bottom panel

Riex ND60 Inner Drawer





❶ Riex ND60 Front Panel Holders

- For H116 inner drawer isn´t available

Height [mm]	White	Dark grey
84	F007514	F007512
167	F007515	F007513
199	F007539	F007538



ⓘ F007515



ⓘ F007513

❷ Riex ND60 Front Square Railings

- Front railing may be shortened in size
- Length of railing is LW - 88
  [LW = internal cabinet width]
- Front square railing is used only with inner drawer H167, H199

Length [mm]	White	Dark grey
1200	F007523	F007521



○ White



● Dark grey

❸ Riex ND60 Front Panels

- Front panel may be shortened in size
- Length of railing is LW - 100
  [LW = internal cabinet width]

Length [mm]	White	Dark grey
1200	F007519	F007517



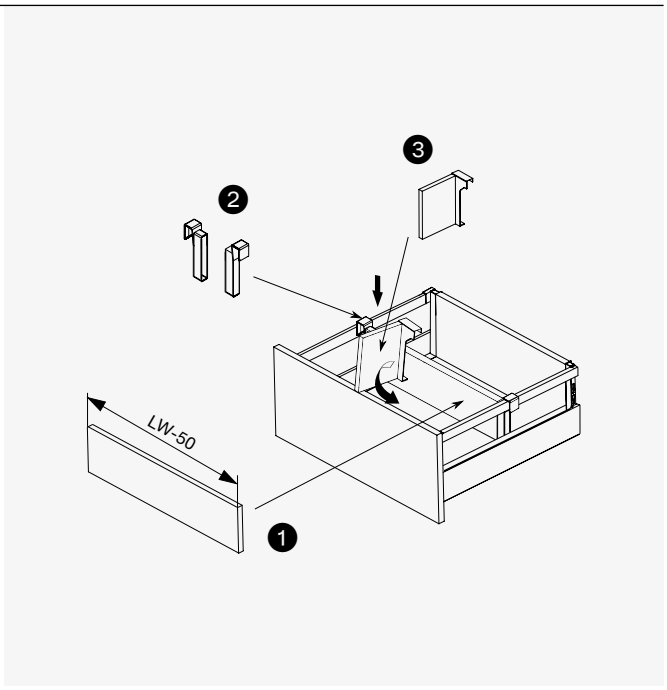
○ White



● Dark grey

Riex ND60 Inner Division by Panels





❶ Riex ND60 Cross Dividing Panels

- Dividing panel may be shortened in size
- Length of panel is LW - 50
  [LW = internal cabinet width]

Length [mm]	White	Dark grey
1200	F007508	F007509

○ White



● Dark grey

❷ Riex ND60 Panel End Pieces

- Package contains a pair of end pieces

White	Dark grey
F007510	F007511



○ White



● Dark grey

❸ Riex ND60 Longitudinal Dividing Panel

White	Dark grey
F007506	F007507



○ White



● Dark grey

Riex ND60 Drawer Accessories

Riex ND60 Cover Caps without Logo

- Custom logo on cover cap upon request

White	Dark grey
F007545	F007544

○ White



● Dark grey

Riex ND60 Mounting Templates for Front Panels

Height [mm]	Code
84	F007540
116	
167	F007542
199	



ⓘ F007540



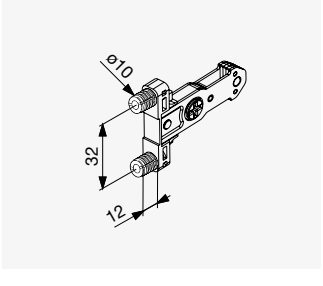
ⓘ F007542

Riex ND60 Front Brackets with Dowels

- Alternative option, which can be used instead of standard screwing front brackets
- Drilling hole ø10 mm



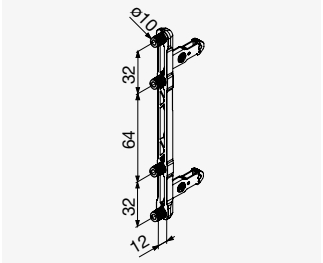
ⓘ F007547



Height [mm]	Code
84	F007547
116	
167	F007549
199	



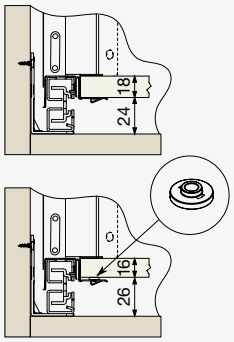
ⓘ F007549



Riex ND60
Reduction Piece

- For ND60 drawers in order to change thickness from 18 mm board to 16 mm board
- For one drawer 8 pcs are required Black, plastic





Code
F010911

Riex ND30

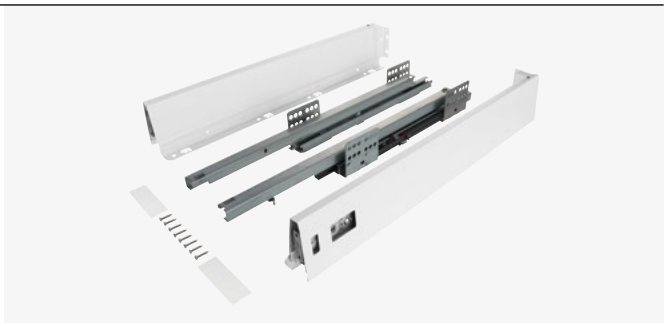
- Double wall drawers
- Load capacity 40 kg
- TÜV – 80.000 cycles
- Available in 3 heights [raised by railings]
- Lengths from 300 mm to 550 mm
- Smooth and silent operation with soft-closing
- Wide range of accessories
- Bottom panel thickness 16 mm
- **Front panel adjustment in horizontal and vertical direction:**
  - Up / Down adjustment: ±2 mm
  - Left / Right adjustment: ±2 mm



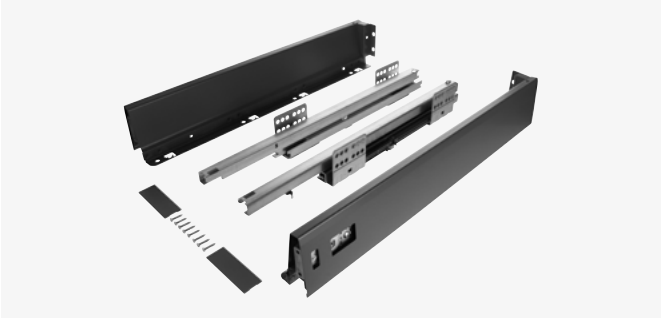
Riex ND30 Drawers

Riex ND30 Height 86 mm

Length NL [mm]	White	Dark grey
300	F004581	F004587
350	F004582	F004588
400	F004583	F004589
450	F004584	F004590
500	F004585	F004591
550	F004586	F004592



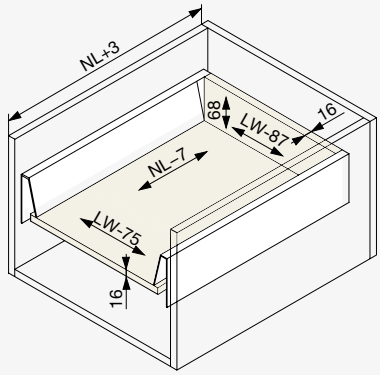
○ White

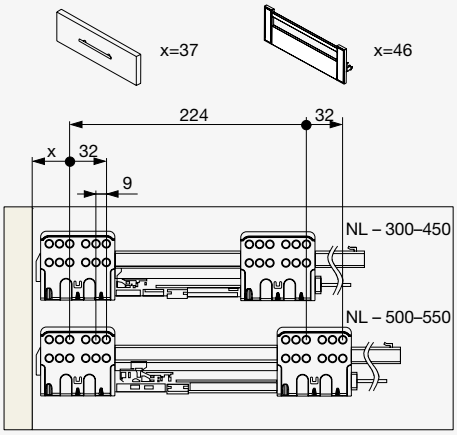


● Dark grey

Package content:
- Pair of side walls
- Pair of slides
- Pair of back brackets
- Pair of front brackets
- Pair of cover caps
- Screws for front brackets

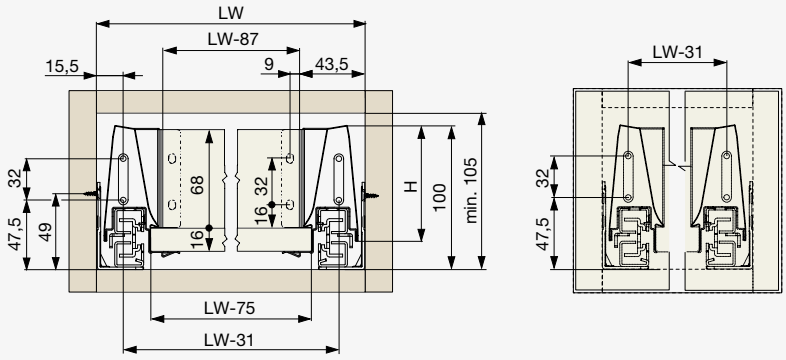
ⓘ Bottom and back panel dimensions





ⓘ Legend

H = 86
NL – nominal length of slides
NL + 3 = internal cabinet depth
NL - 7 = depth of bottom panel
LW = internal cabinet width
LW - 31 = width between the front panel holders
LW - 75 = width of bottom panel
LW - 87 = width of back panel

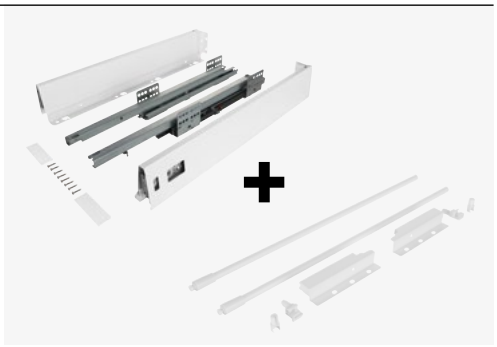


Riex ND30 Height 137 mm, 2 Round Railings

- Necessary to order basic drawer and set of railings separately
- The set of railings contains 2 round railings and back brackets

White

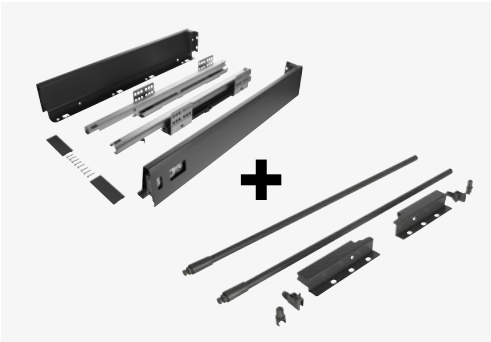
Length NL [mm]	Basic drawer 86 mm		Set of railings
300	F004581	+	F004593
350	F004582	+	F004594
400	F004583	+	F004595
450	F004584	+	F004596
500	F004585	+	F004597
550	F004586	+	F004598



○ White

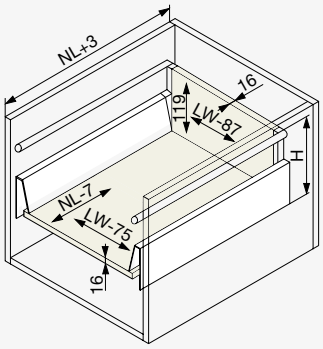
Dark grey

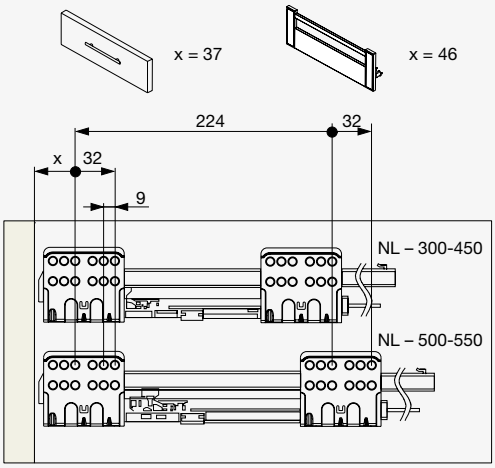
Length NL [mm]	Basic drawer 86 mm		Set of railings
300	F004587	+	F004599
350	F004588	+	F004600
400	F004589	+	F004601
450	F004590	+	F004602
500	F004591	+	F004603
550	F004592	+	F004604



● Dark grey

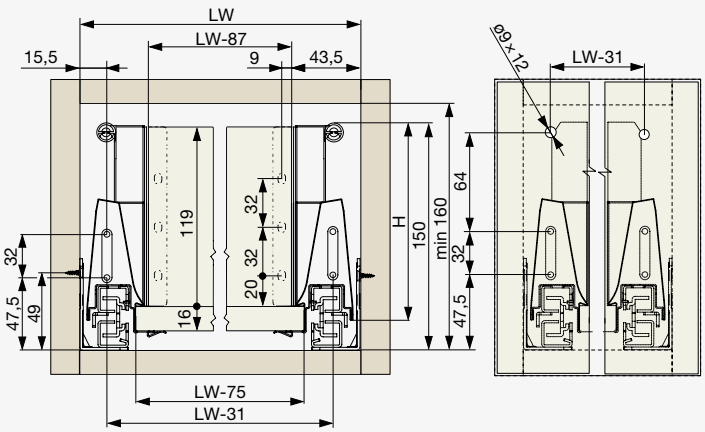
ⓘ Bottom and back panel dimensions





ⓘ Legend

H = 137
NL = nominal length of slides
NL + 3 = internal cabinet depth
NL - 7 = depth of bottom panel
LW = internal cabinet width
LW - 31 = width between the front panel holders and railings holder
LW - 75 = width of bottom panel
LW - 87 = width of back panel



Riex ND30 Height 137 mm, 2 Square Railings

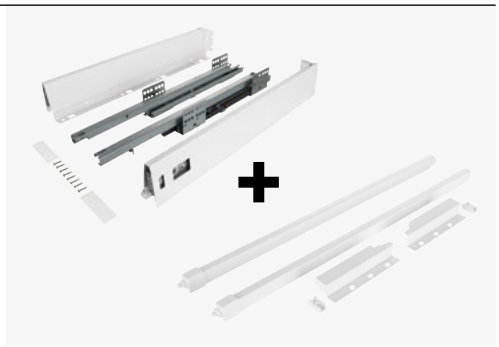
- Necessary to order basic drawer and set of railings separately
- The set of railings contains 2 square railings and back brackets

White

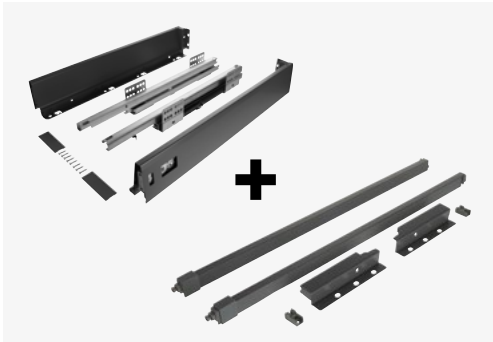
Length NL [mm]	Basic drawer 86 mm		Set of railings
300	F004581	+	F004605
350	F004582	+	F004606
400	F004583	+	F004607
450	F004584	+	F004608
500	F004585	+	F004609
550	F004586	+	F004610

Dark grey

Length NL [mm]	Basic drawer 86 mm		Set of railings
300	F004587	+	F004611
350	F004588	+	F004612
400	F004589	+	F004613
450	F004590	+	F004614
500	F004591	+	F004615
550	F004592	+	F004616

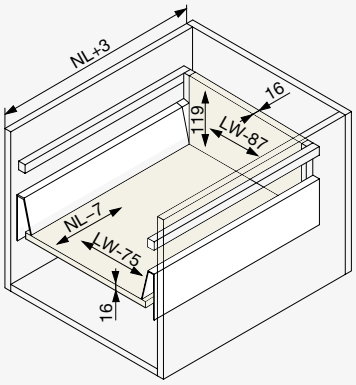


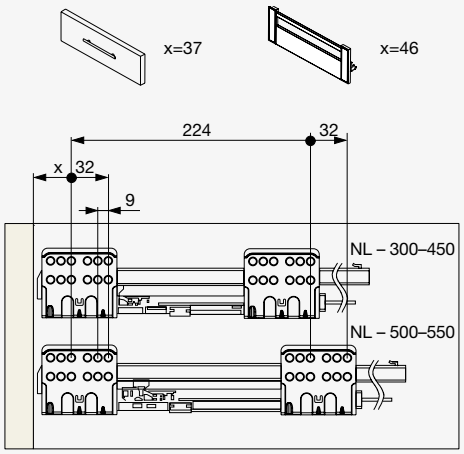
○ White



● Dark grey

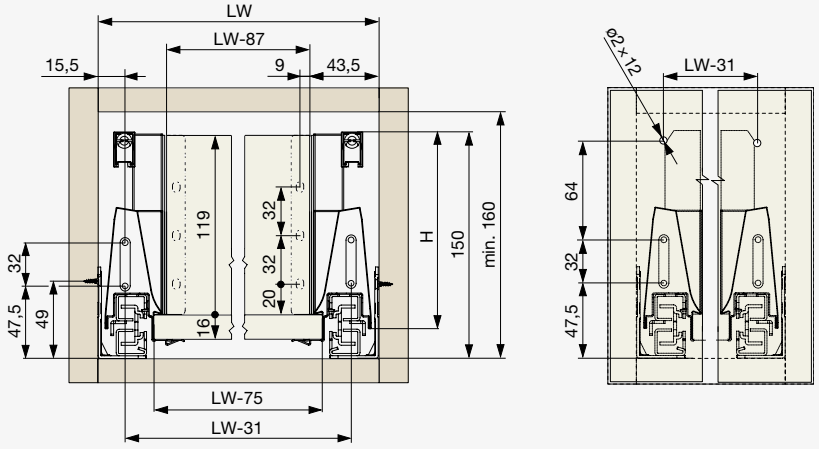
ⓘ Bottom and back panel dimensions





ⓘ Legend

H = 137
NL = nominal length of slides
NL + 3 = internal cabinet depth
NL - 7 = depth of bottom panel
LW = internal cabinet width
LW - 31 = width between the front panel holders and railings holder
LW - 75 = width of bottom panel
LW - 87 = width of back panel



Riex ND30 Height 201 mm, 2 Round Railings

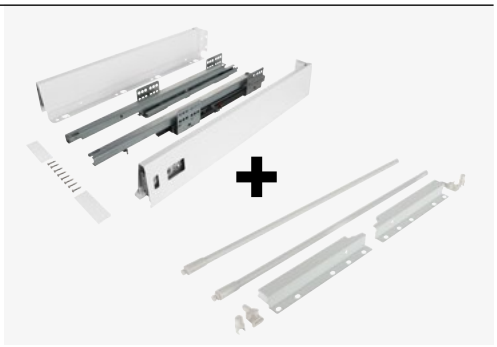
- Necessary to order basic drawer and set of railings separately
- The set of railings contains 2 round railings and back brackets

White

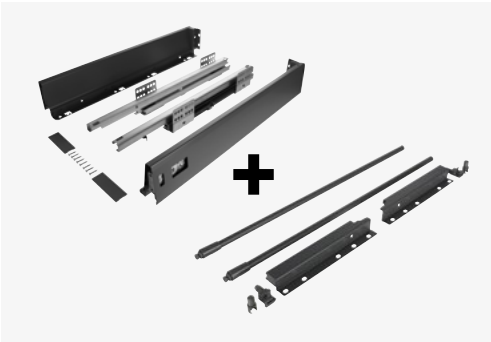
Length NL [mm]	Basic drawer 86 mm		Set of railings
300	F004581	+	F004617
350	F004582	+	F004618
400	F004583	+	F004619
450	F004584	+	F004620
500	F004585	+	F004621
550	F004586	+	F004622

Dark grey

Length NL [mm]	Basic drawer 86 mm		Set of railings
300	F004587	+	F004623
350	F004588	+	F004624
400	F004589	+	F004625
450	F004590	+	F004626
500	F004591	+	F004627
550	F004592	+	F004628

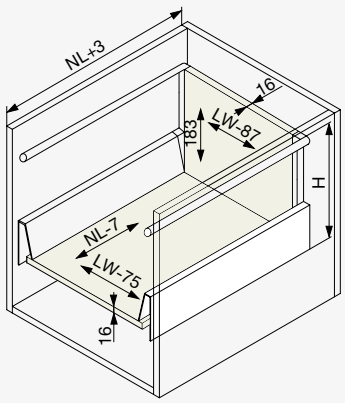


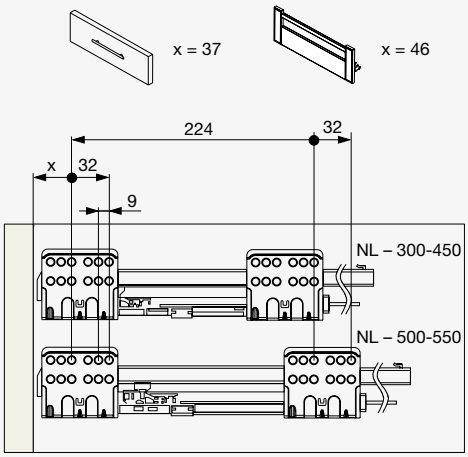
○ White



● Dark grey

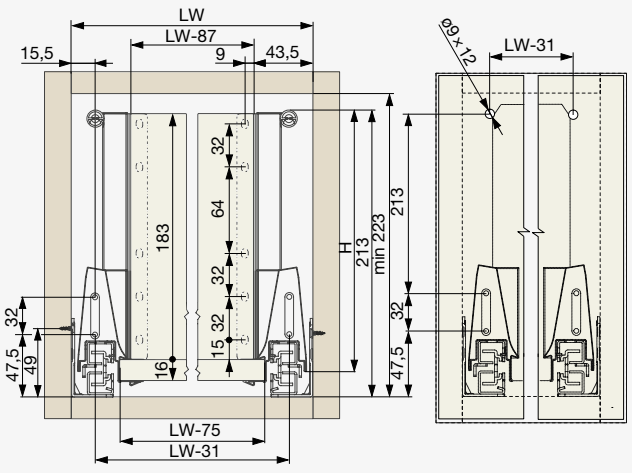
ⓘ Bottom and back panel dimensions





ⓘ Legend

H = 201
NL = nominal length of slides
NL + 3 = internal cabinet depth
NL - 7 = depth of bottom panel
LW = internal cabinet width
LW - 31 = width between the front panel holders and railings holder
LW - 75 = width of bottom panel
LW - 87 = width of back panel



Riex ND30 Height 201 mm, 2 Square Railings

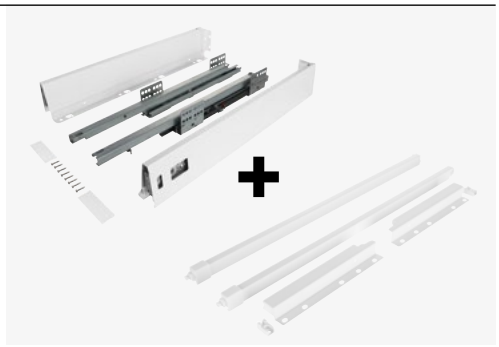
- Necessary to order basic drawer and set of railings separately
- The set of railings contains 2 square railings and back brackets

White

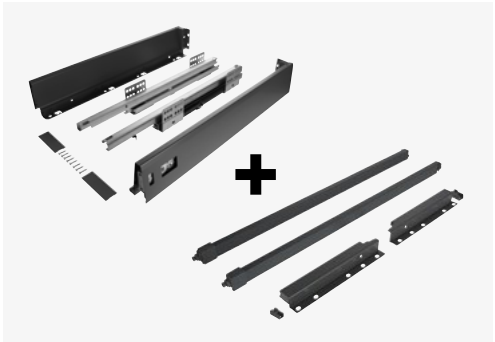
Length NL [mm]	Basic drawer 86 mm		Set of railings
300	F004581	+	F004629
350	F004582	+	F004630
400	F004583	+	F004631
450	F004584	+	F004632
500	F004585	+	F004633
550	F004586	+	F004634

Dark grey

Length NL [mm]	Basic drawer 86 mm		Set of railings
300	F004587	+	F004635
350	F004588	+	F004636
400	F004589	+	F004637
450	F004590	+	F004638
500	F004591	+	F004639
550	F004592	+	F004640

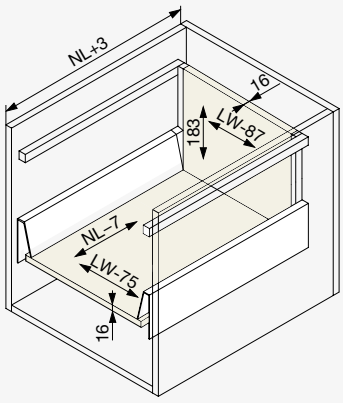


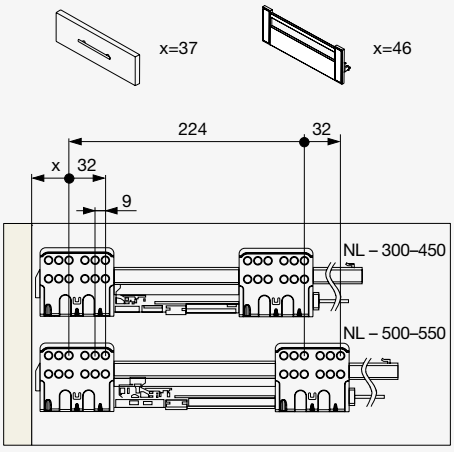
○ White



● Dark grey

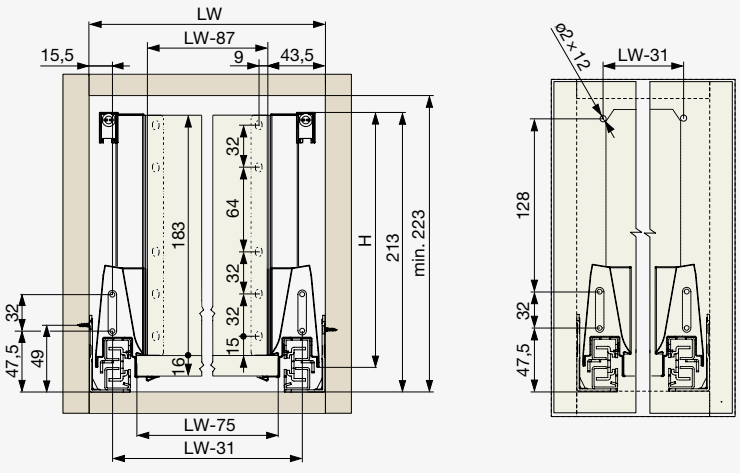
ⓘ Bottom and back panel dimensions





ⓘ Legend

H = 201
NL = nominal length of slides
NL + 3 = internal cabinet depth
NL - 7 = depth of bottom panel
LW = internal cabinet width
LW - 31 = width between the front panel holders and railings holder
LW - 75 = width of bottom panel
LW - 87 = width of back panel



Riex ND30 Height 201 mm, 4 Round Railings

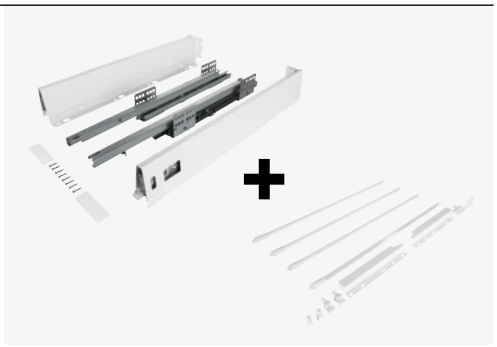
- Necessary to order basic drawer and set of railings separately
- The set of railings contains 4 round railings and back brackets

White

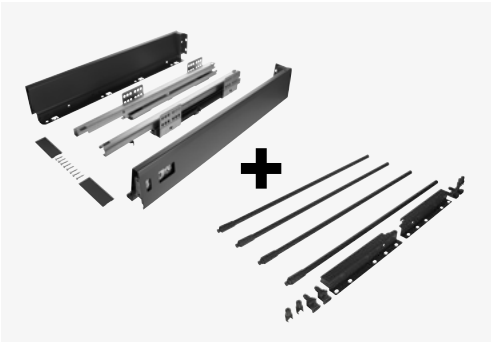
Length NL [mm]	Basic drawer 86 mm		Set of railings
300	F004581	+	F004641
350	F004582	+	F004642
400	F004583	+	F004643
450	F004584	+	F004644
500	F004585	+	F004645
550	F004586	+	F004646

Dark grey

Length NL [mm]	Basic drawer 86 mm		Set of railings
300	F004587	+	F004647
350	F004588	+	F004648
400	F004589	+	F004649
450	F004590	+	F004650
500	F004591	+	F004651
550	F004592	+	F004652

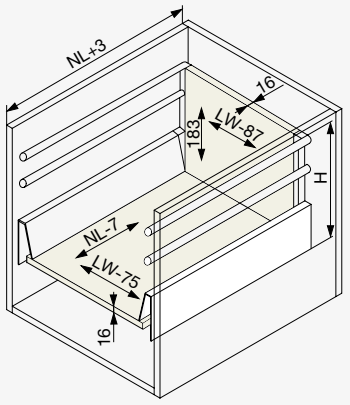


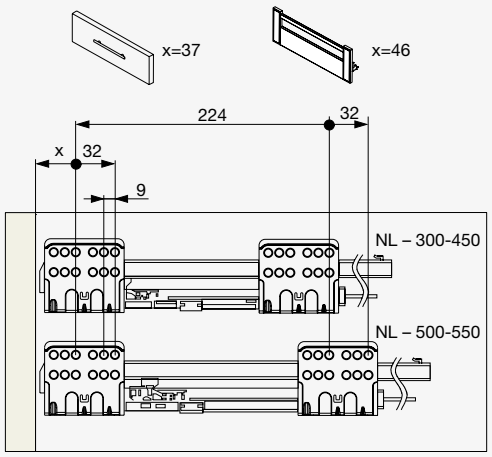
○ White



● Dark grey

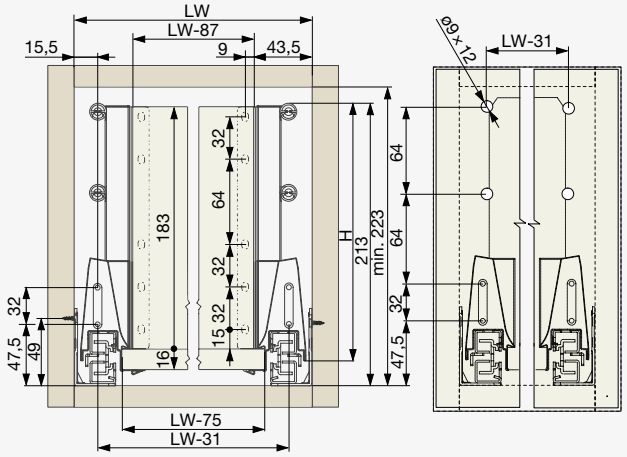
ⓘ Bottom and back panel dimensions





ⓘ Legend

H = 201
NL = nominal length of slides
NL + 3 = internal cabinet depth
NL - 7 = depth of bottom panel
LW = internal cabinet width
LW - 31 = width between the front panel holders and railings holder
LW - 75 = width of bottom panel
LW - 87 = width of back panel



Riex ND30 Height 201 mm, 4 Square Railings

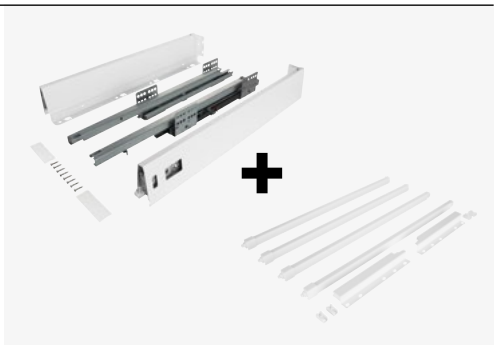
- Necessary to order basic drawer and set of railings separately
- The set of railings contains 4 square railings and back brackets

White

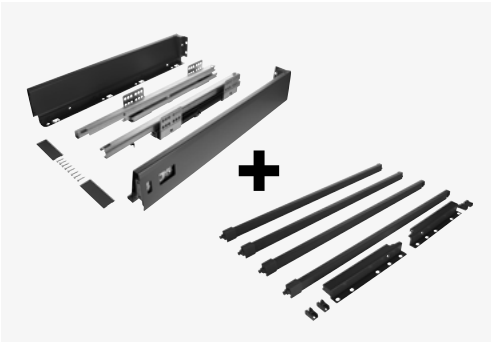
Length NL [mm]	Basic drawer 86 mm		Set of railings
300	F004581	+	F004653
350	F004582	+	F004654
400	F004583	+	F004655
450	F004584	+	F004656
500	F004585	+	F004657
550	F004586	+	F004658

Dark grey

Length NL [mm]	Basic drawer 86 mm		Set of railings
300	F004587	+	F004659
350	F004588	+	F004660
400	F004589	+	F004661
450	F004590	+	F004662
500	F004591	+	F004663
550	F004592	+	F004664

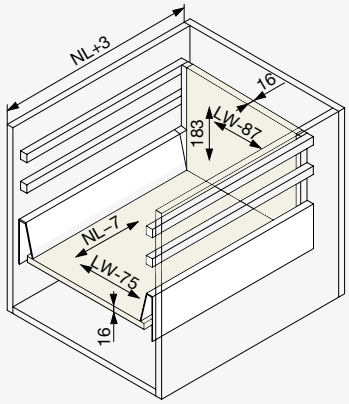


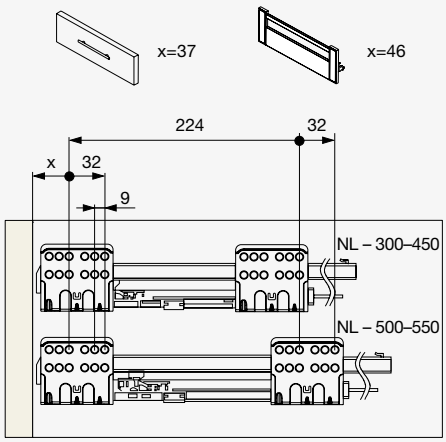
○ White



● Dark grey

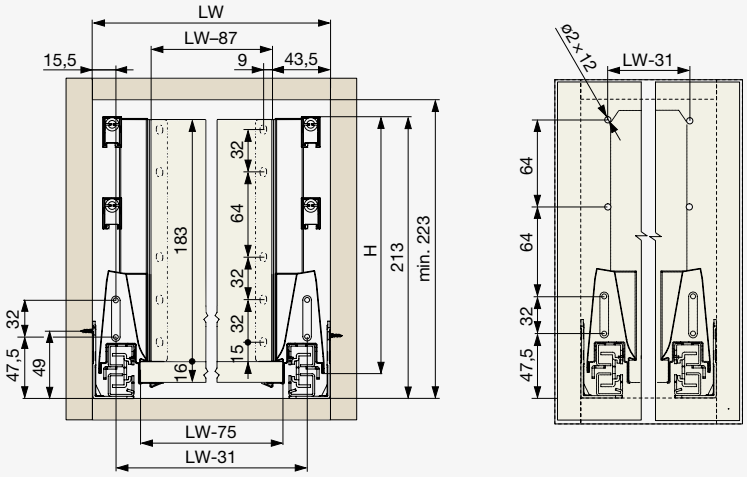
ⓘ Bottom and back panel dimensions





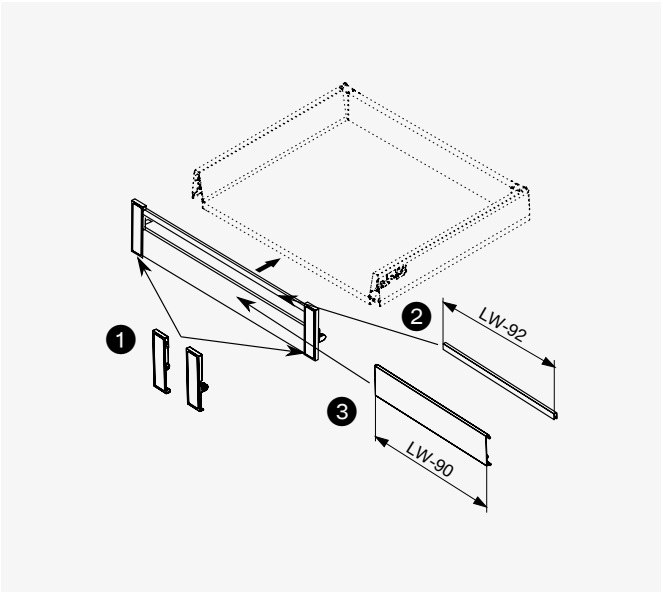
ⓘ Legend

H = 201
NL = nominal length of slides
NL + 3 = internal cabinet depth
NL - 7 = depth of bottom panel
LW = internal cabinet width
LW - 31 = width between the front panel holders and railings holder
LW - 75 = width of bottom panel
LW - 87 = width of back panel



Riex ND30 Inner Drawer





❶ Riex ND30 Front Panel Holder



ⓘ **F004523**



ⓘ **F004527**



ⓘ **F004524**



ⓘ **F004528**

- Holders are compatible with both round and square side railings

Height [mm]	No. of longitudinal railings	White	Dark grey
86	×	F004523	F004527
137	2	F004524	F004528
201	2 / 4	F004525	F004529



ⓘ **F004525**



ⓘ **F004529**

❷ Riex ND30 Front Square Railing

- Front railing may be shortened in size
- Length of railing is LW - 92
  [LW = internal cabinet width]
- Front square railing is used only with inner drawer H137, H201

Length [mm]	White	Dark grey
1200	F004539	F004540



○ White



● Dark grey

❸ Riex ND30 Front Panel

- Front panel may be shortened in size
- Length of panel is LW - 90
  [LW = internal cabinet width]

Length [mm]	White	Dark grey
1200	F004537	F004538



○ White

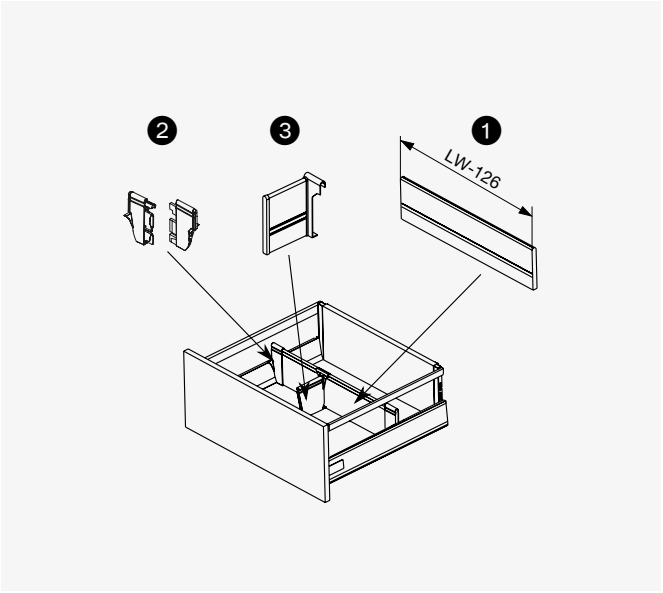


● Dark grey

Riex ND30
Inner Division by Panels

- Can be used for all drawer heights and both round and square railings





❶ Riex ND30 Cross Dividing Panel

- Dividing panel may be shortened in size
- Length of panel is LW - 126
  [LW = internal cabinet width]

Length [mm]	White	Dark grey
1200	F004553	F004554



○ White



● Dark grey

❷ Riex ND30
Panel End Pieces

- Package contains a pair of end pieces

White	Dark grey
F004555	F004556



○ White



● Dark grey

❸ Riex ND30 Dividing Panel

White	Dark grey
F004557	F004558



○ White



● Dark grey

Riex ND30 Drawer Accessories

Riex ND30 Cover Cap without Logo

- Custom logo on cover cap upon request

White	Dark grey
F004578	F004577

○ White



● Dark grey

Riex ND30 Mounting Templates

Front panels	Railings
F004579	F004580



ⓘ F004579



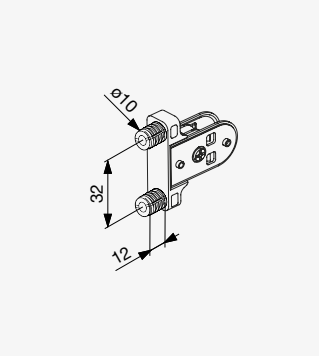
ⓘ F004580

Riex ND30 Front Bracket with Dowels

- Alternative option, which can be used instead of standard screwing front brackets
- Drilling hole ø10 mm

Height [mm]	Code
86	F007550







Concealed Slides



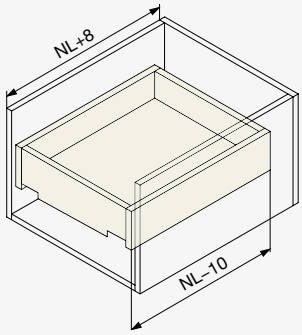
Full Extension

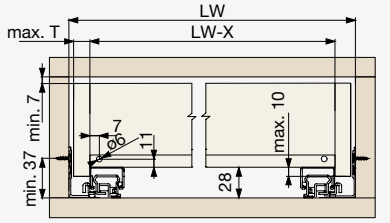
Riex NU80 Concealed Slide, Full Extension, Soft-Close

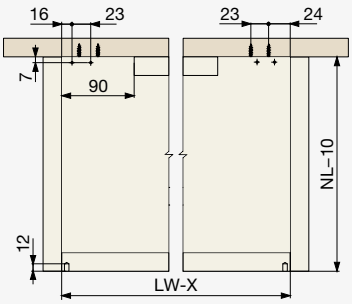
- Load capacity 40 kg
- TÜV – 100.000 cycles
- Soft-close mechanism
- Smooth and silent operation with soft closing thanks to synchronisation
- 3D brackets:
  - Up / Down adjustment: 0 mm–3 mm
  - Left / Right adjustment: ±2 mm
  - Adjustment in depth: 0 mm–3 mm
- For sidewall material thickness 16 mm and 19 mm

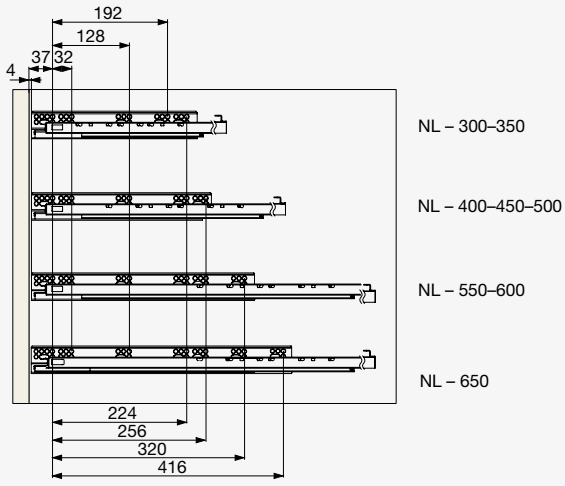
Length NL [mm]	Sidewall thickness T	
	19 mm	16 mm
300	**F000162**	**F007588**
350	**F000163**	**F007589**
400	**F000164**	**F007590**
450	**F000165**	**F007591**
500	**F000166**	**F007592**
550	**F000167**	**F007593**
600	**F000168**	**F007594**
650	**F000169**	**F007595**











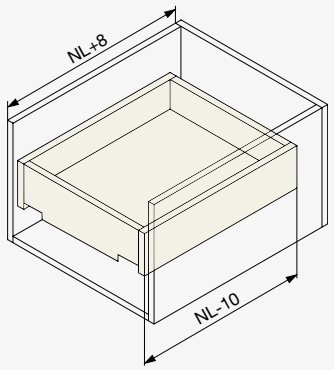
Legend
NL – nominal length of slides
NL + 8 – internal cabinet depth
NL - 10 – depth of drawer
LW – internal cabinet width
LW - 49 – width of bottom panel
T = 16 --> X = 42
T = 19 --> X = 51

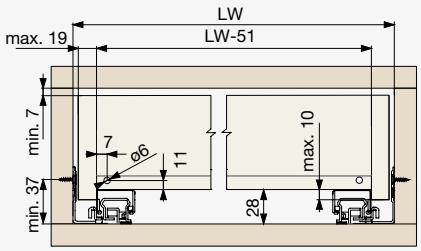
Riex NU70 Concealed Slide, Full Extension, Push for Open

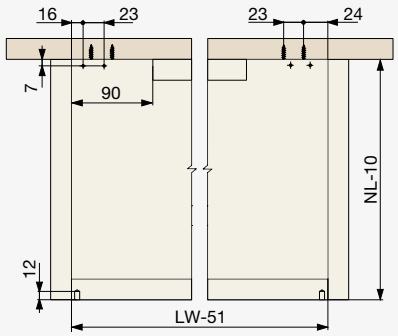
- Load capacity 35 kg
- TÜV – 100.000 cycles
- Push for open mechanism
- Opening force adjustment
- Smooth and silent operation thanks to synchronisation
- 2D brackets:
  - Up / Down adjustment: 0 mm–3 mm
  - Left / Right adjustment: ±2 mm
- Sidewall material thickness up to 19 mm

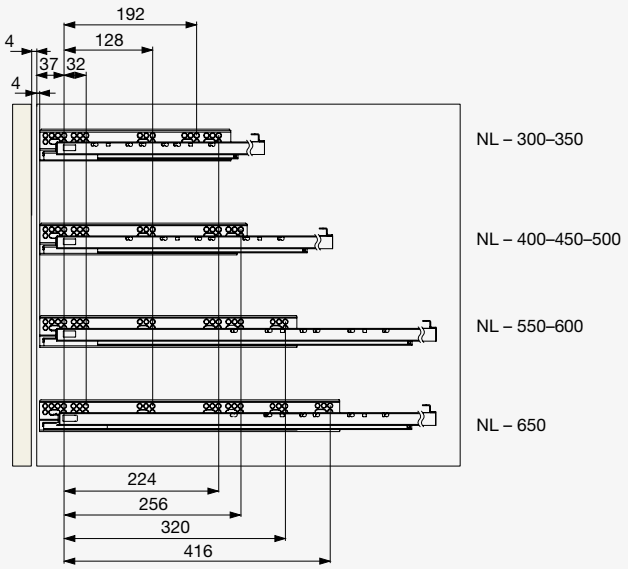
Length NL [mm]	Code
300	**F000171**
350	**F000172**
400	**F000173**
450	**F000174**
500	**F000175**
550	**F000176**
600	**F000177**
650	**F000178**











Legend

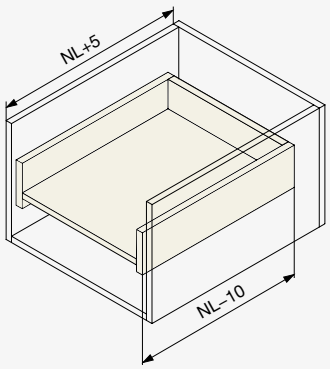
NL – nominal length of slides
NL + 8 – internal cabinet depth
NL - 10 – depth of drawer
LW – internal cabinet width
LW - 51 – width of bottom panel

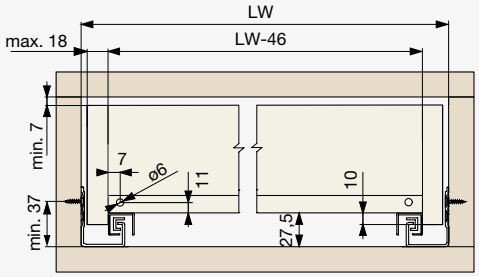
Riex NU69 Concealed Slide, Full Extension, Soft-Close

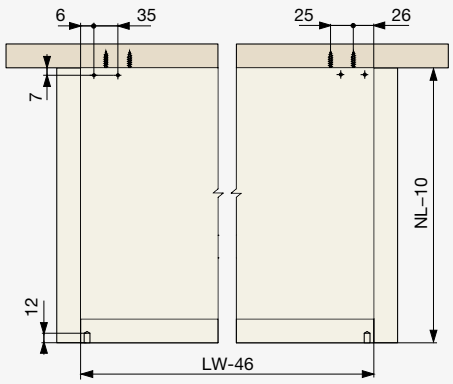
- Load capacity 25 kg
- Durability 60.000 cycles
- Soft-close mechanism
- Without synchronisation
- 2D brackets:
  - Up / Down adjustment: 0 mm – 4 mm
  - Left / Right adjustment: ±2 mm
- NL 250 mm have 0D brackets
- Sidewall material thickness up to 18 mm

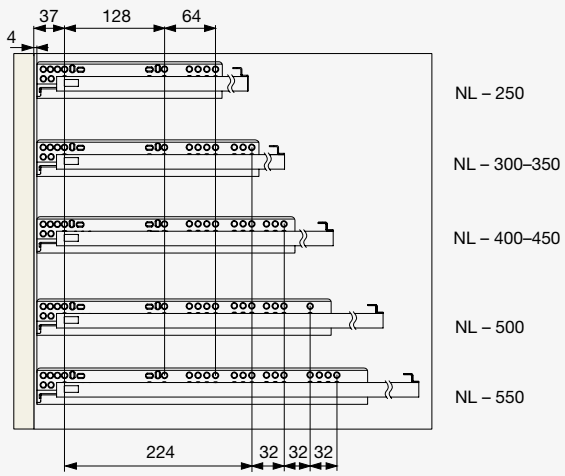


Length NL [mm]	Code
250	**F000295**
300	**F000296**
350	**F000297**
400	**F000298**
450	**F000299**
500	**F000300**
550	**F000301**









ⓘ Legend

NL – nominal length of slides
NL + 5 – internal cabinet depth
NL - 10 – depth of drawer
LW – internal cabinet width
LW - 46 – width of bottom panel

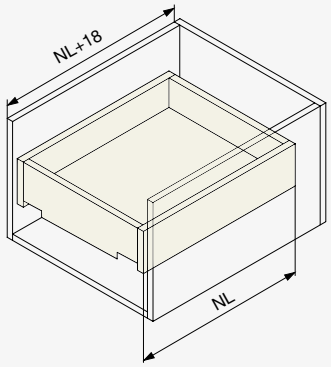
Single Extension

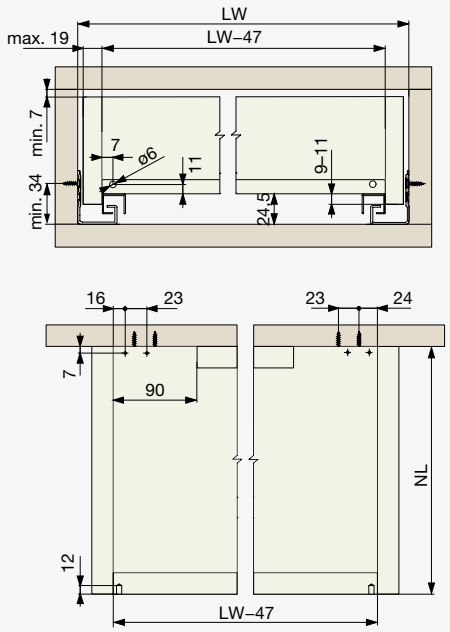
Riex NU30 Concealed Slide, Single Extension, Soft-Close

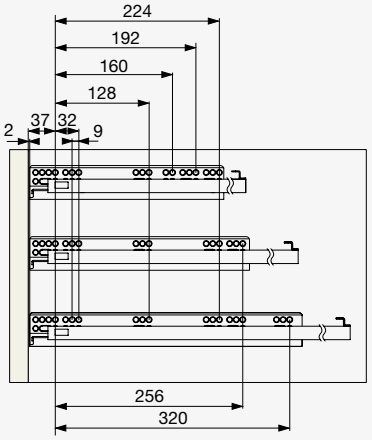
- Load capacity 25 kg
- Durability 50.000 cycles
- Soft-close mechanism
- 2D brackets:
  - Up / Down adjustment: 0 mm–3 mm
  - Left / Right adjustment: ±2 mm
- Sidewall material thickness up to 19 mm



Length NL [mm]	Code
300	F000150
350	F000151
400	F000152
450	F000153
500	F000154
550	F000155







NL – 300–350

NL – 400–500

NL – 550

Legend

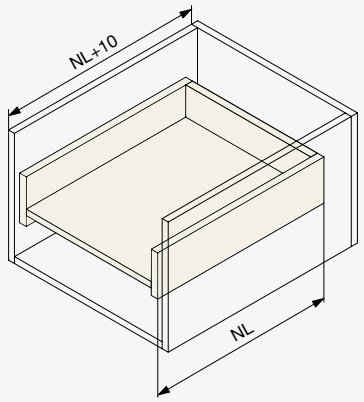
NL – nominal length of slides / depth of drawer
NL + 18 – internal cabinet depth
LW – internal cabinet width
LW - 47 – width of bottom panel

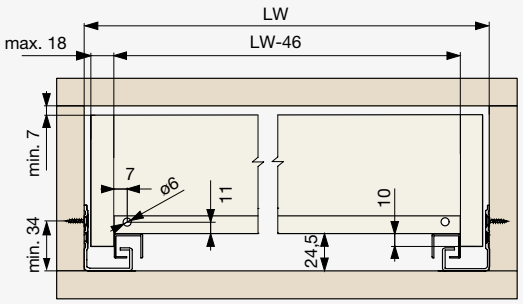
Riex NU31 Concealed Slide, Single Extension, Soft-Close

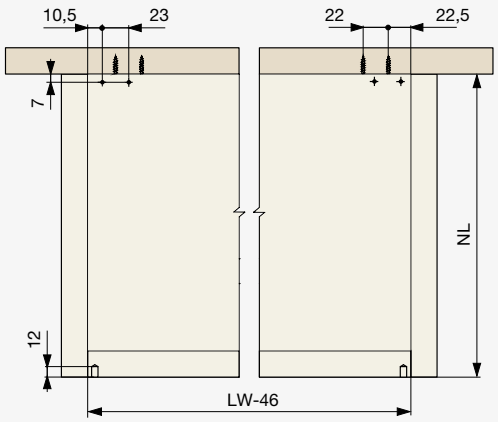
- Load capacity 25 kg
- Durability 50.000 cycles
- Soft-close mechanism
- 1D brackets:
  - Up / Down adjustment: 0 mm–4 mm
- Sidewall material thickness up to 18 mm

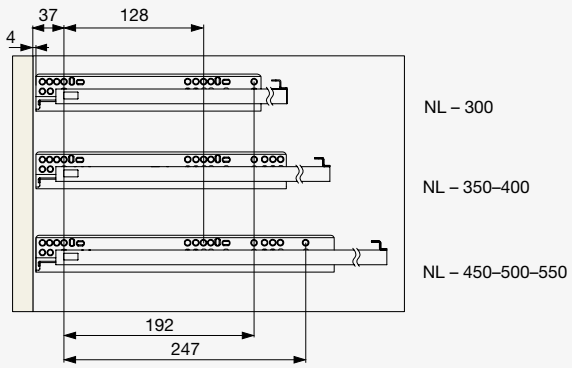


Length NL [mm]	Code
300	**F000282**
350	**F000283**
400	**F000284**
450	**F000285**
500	**F000286**
550	**F000287**









Legend

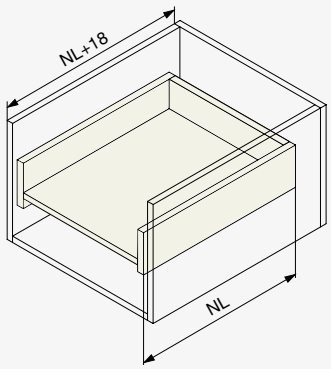
NL – nominal length of slides / depth of drawer
NL + 10 – internal cabinet depth
LW – internal cabinet width
LW - 46 – width of bottom panel

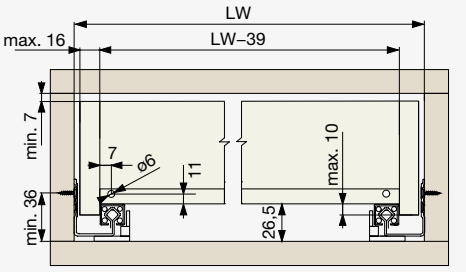
Riex NU04 Concealed Slide, Single Extension, Soft-Close

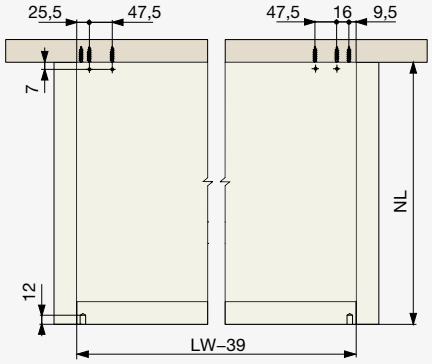
- Load capacity 25 kg
- Durability 60.000 cycles
- Soft-close mechanism
- 1D brackets:
  - Up / Down adjustment: 0 mm–2 mm
- Sidewall material thickness up to 16 mm

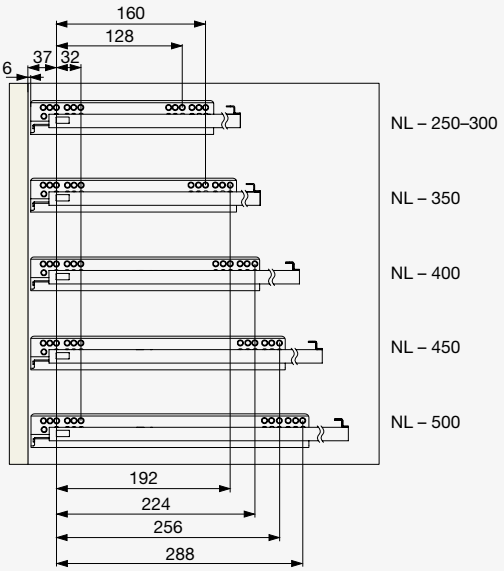


Length NL [mm]	Code
250	**F000161**
300	**F000156**
350	**F000157**
400	**F000158**
450	**F000159**
500	**F000160**









Legend

NL – nominal length of slides / depth of drawer
NL + 18 – internal cabinet depth
LW – internal cabinet width
LW - 39 – width of bottom panel



Ball Bearing Slides



Soft-Close

Riex NB58 Ball Bearing Slide, 35 kg, Soft-Close

- Full extension
- Load capacity 35 kg
- Height 45.7 mm
- Material thickness 1.2×1.2×1.5 mm
- Durability 60.000 cycles





● Matt black

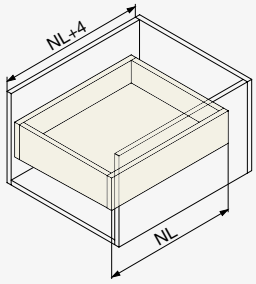
Length NL [mm]	Matt black	Nickel
300	F010339	F000808
350	F010340	F000809
400	F010341	F000810
450	F010342	F000811
500	F010343	F000812
550	F010344	F000813
600	F010345	F000814

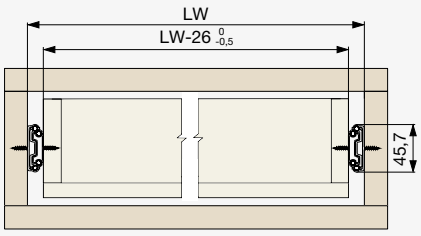




● Nickel

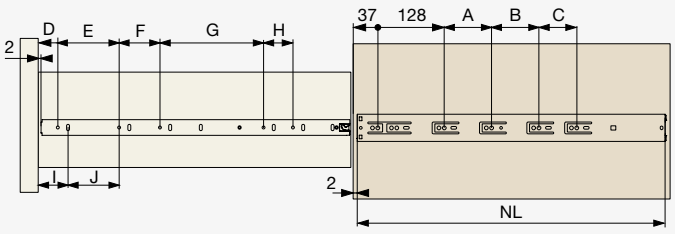
NL [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	I [mm]	J [mm]	Load capacity [kg]
300	×	×	×	×	×	64	64	64	38	32	20
350	×	×	×	28	96	96	96	×	×	×	25
400	96	×	×	28	96	96	96	×	×	×	30
450	96	87	×	28	96	96	112	80	×	×	35
500	96	96	×	28	96	96	192	×	×	×	35
550	96	128	×	28	96	96	192	96	×	×	30
600	96	128	64	28	96	96	192	96	×	×	25





ⓘ **Legend**

NL – nominal length of slides
NL + 4 – internal cabinet depth
LW – internal cabinet width
LW - 26 – width of drawer



Riex NB58 Ball Bearing Slide with Supports, 35 kg, Soft-Close

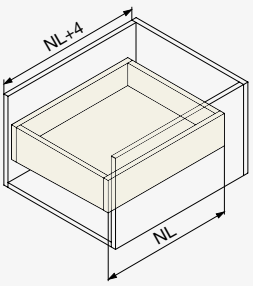
- Full extension
- Load capacity 35 kg
- Height 45.7 mm
- Material thickness 1.2×1.2×1.5 mm
- Durability 60.000 cycles

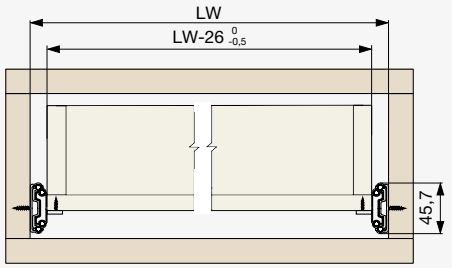


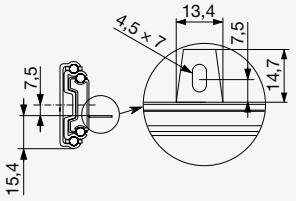


Length NL [mm]	Code
300	F007603
350	F007604
400	F007605
450	F007606
500	F007607
550	F007608
600	F007609

NL [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	Load capacity [kg]
300	×	×	×	×	192	20
350	×	×	×	×	192	25
400	96	×	×	192	320	30
450	96	87	×	192	352	35
500	96	96	×	192	416	35
550	96	128	×	192	448	30
600	96	128	64	192	480	25

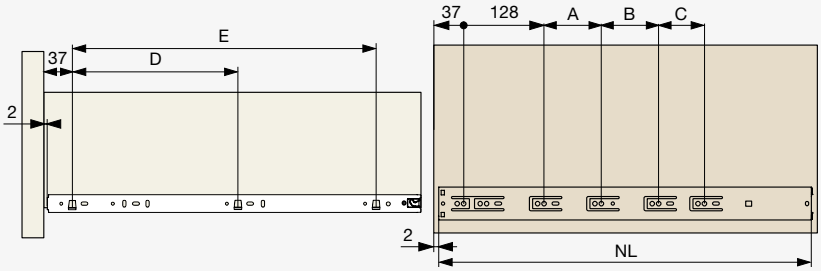






Legend

NL – nominal length of slides
NL + 4 – internal cabinet depth
LW – internal cabinet width
LW - 26 – width of drawer



Riex NB48 Ball Bearing Slide, 30 kg, Soft-Close

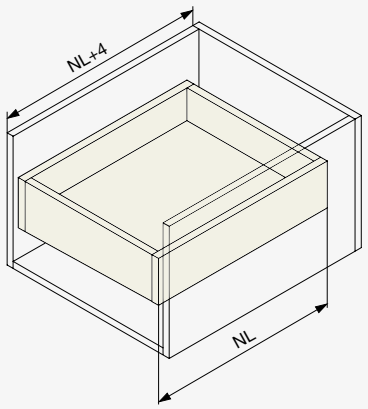
- Full extension
- Load capacity 30 kg
- Height 45 mm
- Material thickness 1.0×1.0×1.2 mm
- Durability 50.000 cycles

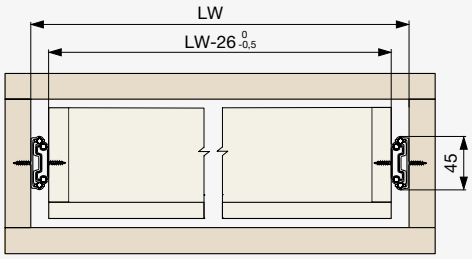




Length NL [mm]	Code
300	**F002913**
350	**F002914**
400	**F002915**
450	**F002916**
500	**F002917**
550	**F002918**

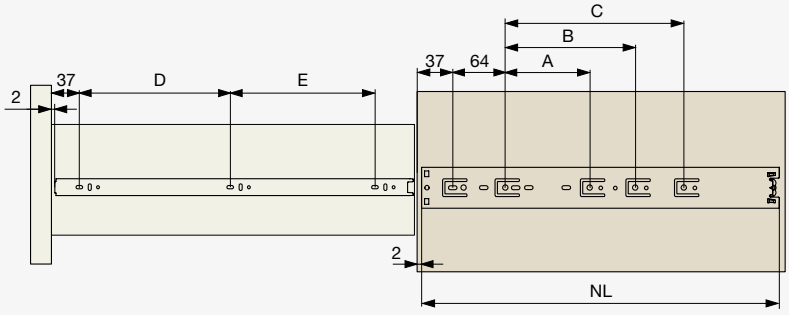
NL [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	Load capacity [kg]
300	64	×	×	64	128	16
350	96	×	×	96	128	22
400	128	×	×	128	160	26
450	128	×	×	160	160	30
500	128	64	×	160	192	30
550	128	64	96	192	224	28





Legend

NL – nominal length of slides
NL + 4 – internal cabinet depth
LW – internal cabinet width
LW - 26 – width of drawer



Push for Open

Riex NB51 Ball Bearing Slide, 35 kg, Push for Open

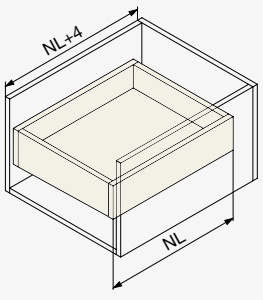
- Full extension
- Load capacity 35 kg
- Height 44.9 mm
- Material thickness 1.0 × 1.0×1.2 mm
- Durability 50.000 cycles

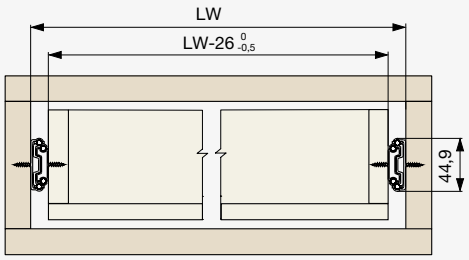




Length NL [mm]	Code
300	F000815
350	F000816
400	F000817
450	F000818
500	F000819
550	F000820
600	F000821

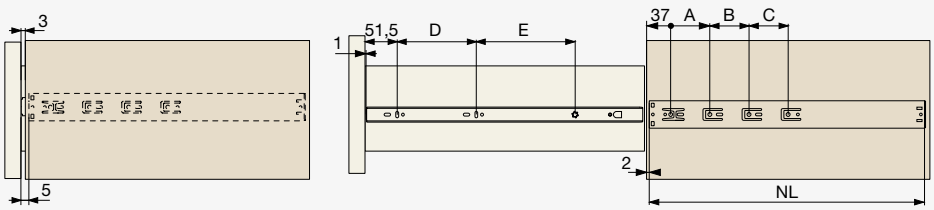
NL [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	Load capacity [kg]
300	96	×	×	64	112	19
350	64	64	×	96	128	26
400	64	128	×	128	128	30
450	64	160	×	160	160	35
500	64	192	×	192	192	35
550	64	160	96	224	192	33
600	64	160	128	224	256	33





ⓘ **Legend**

NL – nominal length of slides
NL + 4 – internal cabinet depth
LW – internal cabinet width
LW - 26 – width of drawer



Without Soft-Close

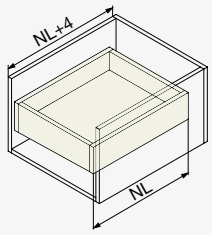
Riex NB55 Ball Bearing Slide, 45 kg

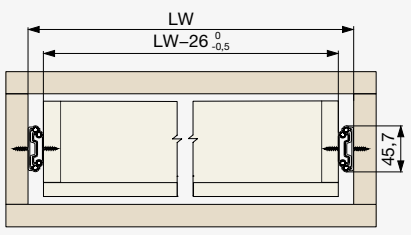
- Full extension
- Load capacity 45 kg
- Height 45.7 mm
- Material thickness 1.2×1.2×1.5 mm
- Durability 60.000 cycles

Length NL [mm]	Code
250	**F000798**
300	**F000799**
350	**F000800**
400	**F000801**
450	**F000802**
500	**F000803**
550	**F000804**
600	**F000805**
650	**F000806**
700	**F000807**



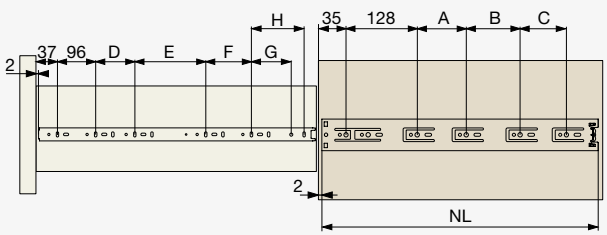
NL [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	Load capacity [kg]
250	×	×	×	96	×	×	×	×	23
300	96	×	×	128	×	×	×	×	24
350	96	×	×	160	×	×	×	×	33
400	96	96	×	96	128	×	×	×	38
450	96	128	×	96	128	72	×	×	45
500	96	128	64	96	128	96	×	×	45
550	96	128	96	96	192	64	44	×	42
600	96	128	128	96	192	96	62	×	42
650	96	128	192	96	192	160	48	×	41
700	96	128	192	96	192	160	×	98	41





Legend

NL – nominal length of slides
NL + 4 – internal cabinet depth
LW – internal cabinet width
LW - 26 – width of drawer



Riex NB55 Ball Bearing Slide with Supports, 45 kg

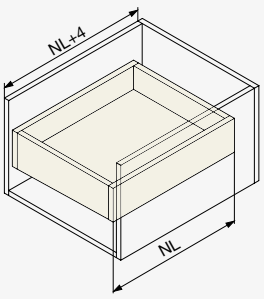
- Full extension
- Load capacity 45 kg
- Height 45.7 mm
- Material thickness 1.2×1.2×1.5 mm
- Durability 60.000 cycles

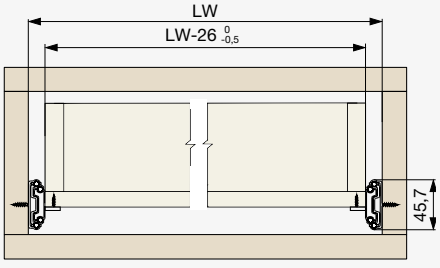


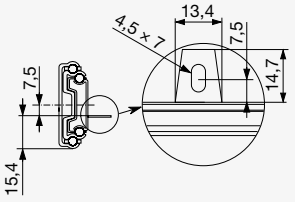


Length NL [mm]	Code
300	**F007596**
350	**F007597**
400	**F007598**
450	**F007599**
500	**F007600**
550	**F007601**
600	**F007602**

NL [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	Load capacity [kg]
300	96	×	×	×	192	24
350	96	×	×	×	192	33
400	96	96	×	192	320	38
450	96	128	×	192	356	45
500	96	128	64	192	416	45
550	96	128	96	192	448	42
600	96	128	128	192	480	42

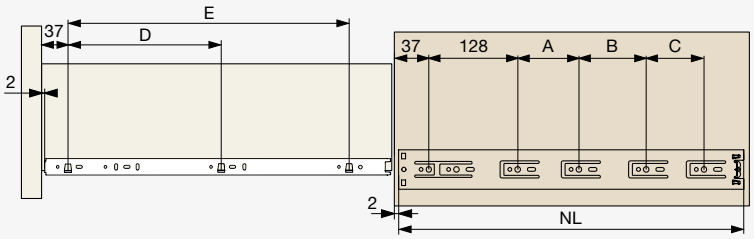






Legend

NL – nominal length of slides
NL + 4 – internal cabinet depth
LW – internal cabinet width
LW - 26 – width of drawer



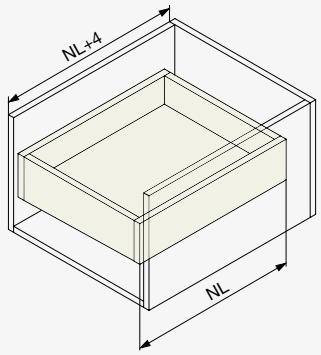
Riex NB45 Ball Bearing Slide, 30 kg

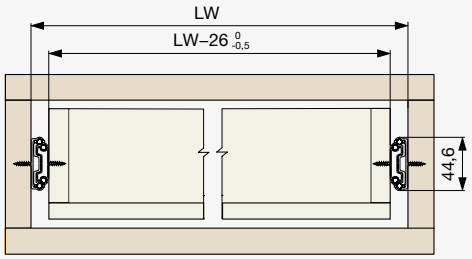
- Full extension
- Load capacity 30 kg
- Height 44.6 mm
- Material thickness 1.0×1.0×1.2 mm
- Durability 50.000 cycles



Length NL [mm]	Code
300	**F002906**
350	**F002907**
400	**F002908**
450	**F002909**
500	**F002910**
550	**F002911**

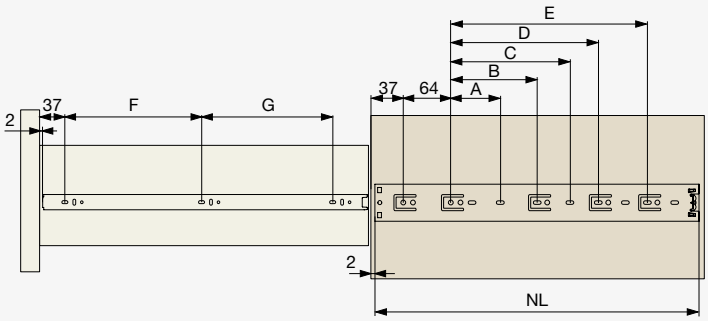
NL [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	Load capacity [kg]
300	64	128	169	×	×	96	128	16
350	96	160	219	×	×	96	160	22
400	96	160	269	×	×	128	192	26
450	96	160	224	288	×	160	192	30
500	96	160	224	288	×	192	224	30
550	96	160	224	288	384	192	256	28





Legend

NL – nominal length of slides
NL + 4 – internal cabinet depth
LW – internal cabinet width
LW - 26 – width of drawer



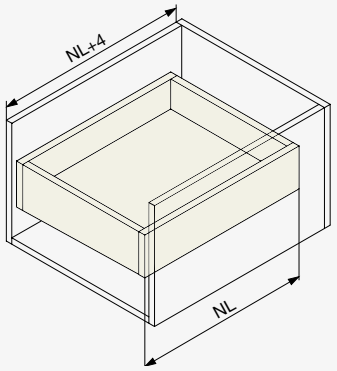
Riex NB35 Ball Bearing Slide, 25 kg

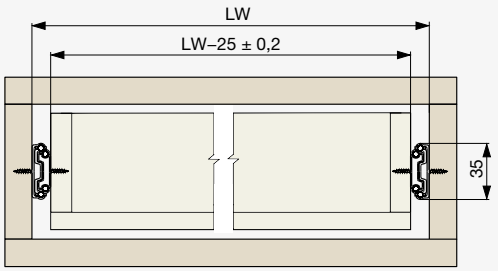
- Full extension
- Load capacity 25 kg
- Height 35 mm
- Material thickness 0.8 × 0.8 × 0.8 mm
- Durability 30.000 cycles



Length NL [mm]	Code
250	**F002920**
300	**F002921**
350	**F002922**
400	**F002923**
450	**F002924**
500	**F002925**

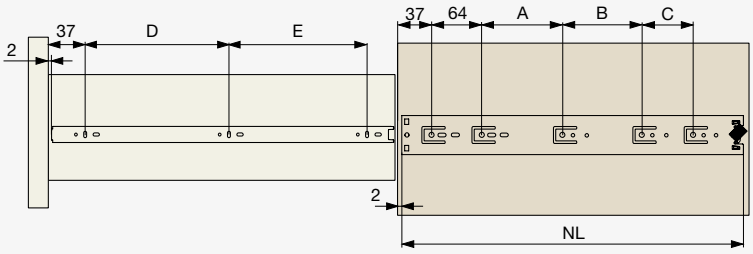
NL [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	Load capacity [kg]
250	96	×	×	160	-	13
300	128	×	×	96	128	13
350	160	×	×	128	128	18
400	160	64	×	128	192	21
450	128	96	64	160	192	25
500	128	128	64	192	224	25





ⓘ **Legend**

NL – nominal length of slides
NL + 4 – internal cabinet depth
LW – internal cabinet width
LW - 25 – width of drawer



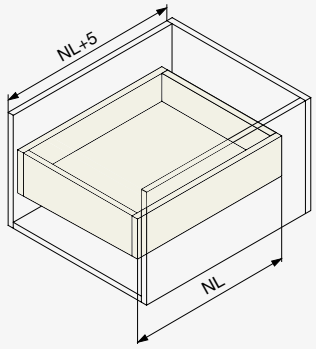
Riex NB17 Ball Bearing Slide, 10 kg

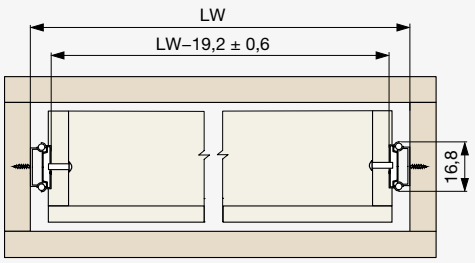
- Single extension
- Load capacity 10 kg
- Height 16.8 mm
- Material thickness 1.0×1.0 mm
- Durability 10.000 cycles
- Slides for mounting in a milled slots



Length NL [mm]	Code
246	**F000367**
278	**F000368**
310	**F000369**
342	**F000370**

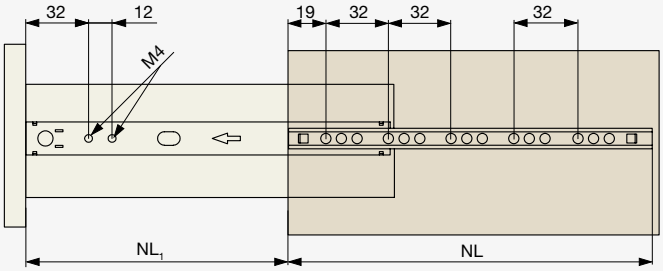
NL [mm]	NL1 [mm]	Load capacity [kg]
246	172	10
278	204	10
310	214	10
342	246	10





Legend

NL – nominal length of slides
NL + 5 – internal cabinet depth
LW – internal cabinet width
LW - 19.2 – width of drawer
NL_1 – length of protrusion



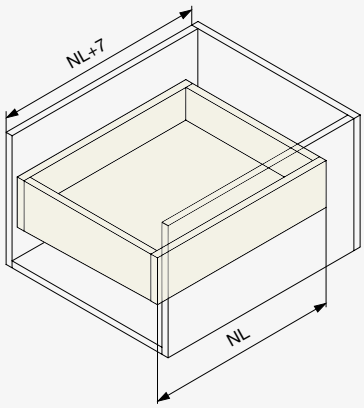
Riex NB75 Ball Bearing Slide, Heavy Duty, 120 kg

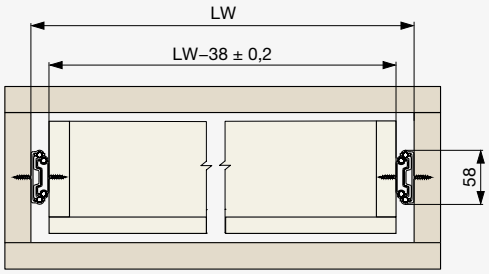
- Full extension
- Load capacity 120 kg
- Height 58 mm
- Material thickness 2.0 × 2.0 × 2.2 mm
- Durability 30.000 cycles



Length NL [mm]	Code
800	**F005162**
900	**F005163**
1000	**F005164**
1200	**F005165**

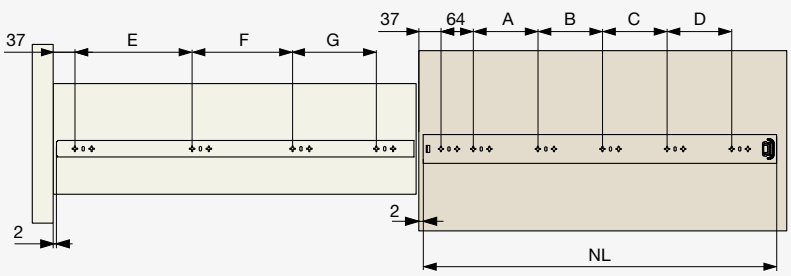
NL [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	Load capacity [kg]
800	128	192	160	128	224	256	192	120
900	128	256	160	160	224	288	256	110
1000	160	288	160	192	256	320	288	100
1200	160	288	256	256	256	352	384	90





ⓘ **Legend**

NL – nominal length of slides
NL + 7 – internal cabinet depth
LW – internal cabinet width
LW - 38 – width of drawer





Roller Slides with Sidewalls



Riex NP11 Metal Box Drawer, Height 54 mm

- Load capacity 25 kg
- Bottom and back panel brackets are integrated on the sidewalls
- Optional external soft-close system on p. 1.72
- Front panel adjustment in vertical direction:
  - Up / Down adjustment: ±2 mm

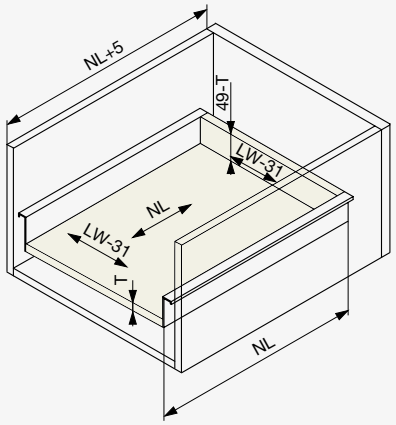


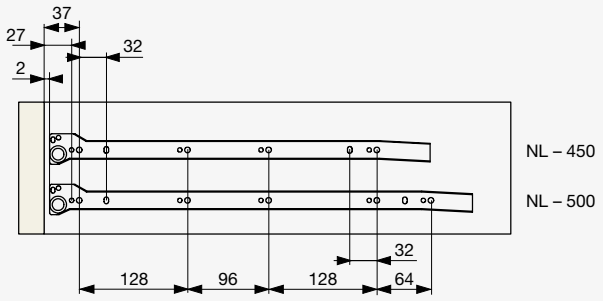
○ White



● Grey

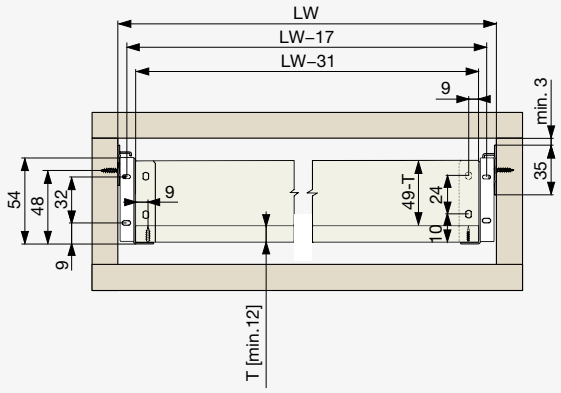
Length NL [mm]	White	Grey
450	F003016	F003018
500	F003017	F003019





ⓘ Legend

NL – nominal length of slides
NL + 5 – internal cabinet depth
LW – internal cabinet width
LW - 31 – width of bottom panel / width of back panel
T – bottom thickness



Riex NP11 Metal Box Drawer, Height 86 mm

- Load capacity 25 kg
- Bottom and back panel brackets are integrated on the sidewalls
- Optional external soft-close system on p. 1.72
- Front panel adjustment in vertical direction:
  - Up / Down adjustment: ±2 mm

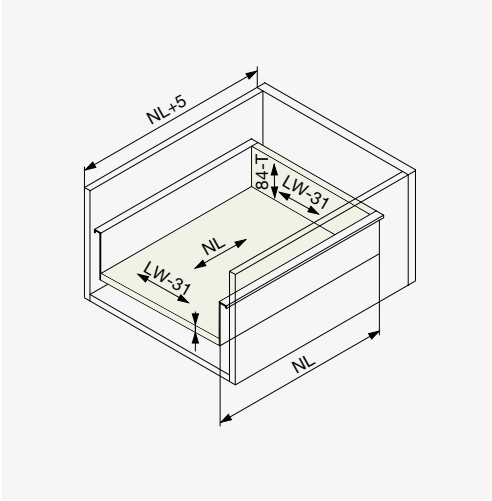


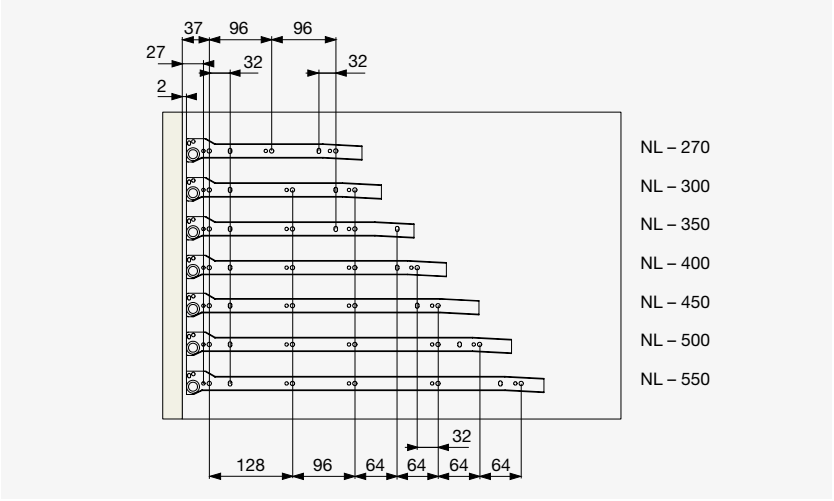
○ White



● Grey

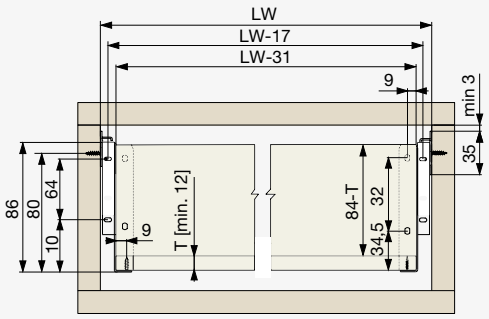
Length NL [mm]	White	Grey
270	F000746	F000766
300	F000747	F000767
350	F000748	F000768
400	F000749	F000769
450	F000750	F000770
500	F000751	F000771
550	F000752	F000772





ⓘ **Legend**

NL – nominal length of slides
NL + 5 – internal cabinet depth
LW – internal cabinet width
LW - 31 – width of bottom panel / width of back panel
T – bottom thickness



Riex NP11 Metal Box Drawer, Height 118 mm

- Load capacity 25 kg
- Bottom and back panel brackets are integrated on the sidewalls
- Optional external soft-close system on p. 1.72
- Front panel adjustment in vertical direction:
  - Up / Down adjustment: ±2 mm

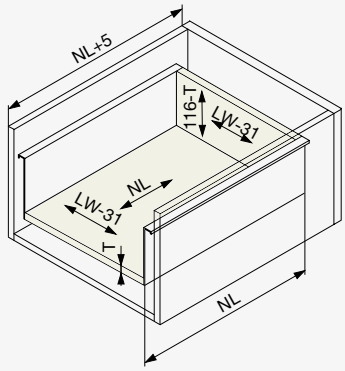


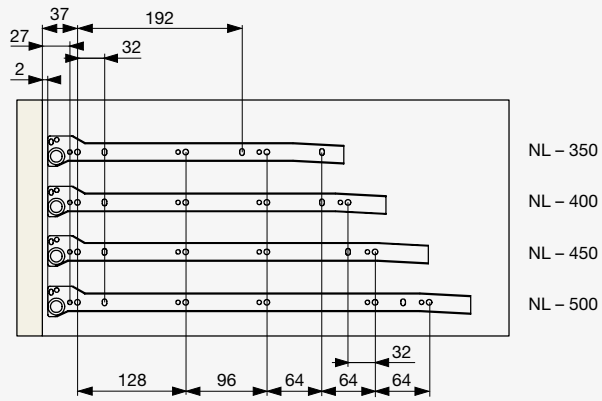
○ White



● Grey

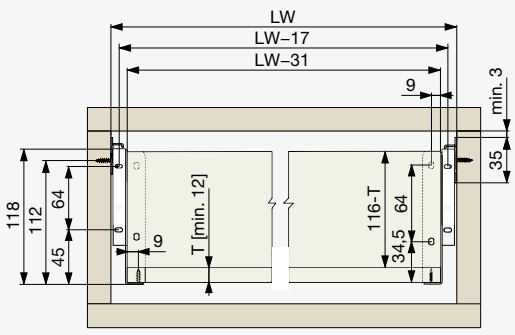
Length NL [mm]	White	Grey
350	F000754	F000774
400	F000755	F000775
450	F000756	F000776
500	F000757	F000777





ⓘ Legend

NL – nominal length of slides
NL + 5 – internal cabinet depth
LW – internal cabinet width
LW - 31 – width of bottom panel / width of back panel
T – bottom thickness



Riex NP11 Metal Box Drawer, Height 150 mm

- Load capacity 25 kg
- Bottom and back panel brackets are integrated on the sidewalls
- Optional external soft-close system on p. 1.72
- Front panel adjustment in vertical direction:
  - Up / Down adjustment: ±2 mm

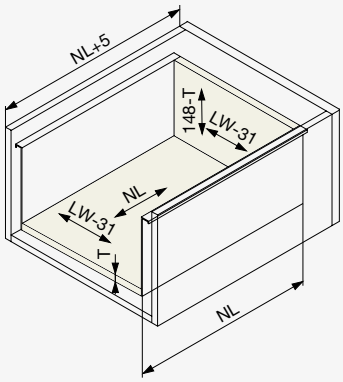


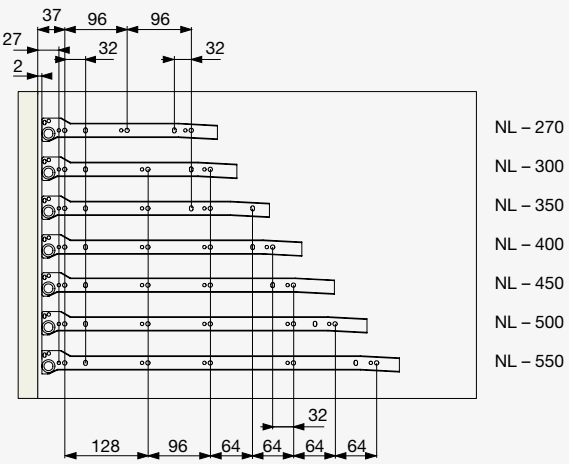
○ White



● Grey

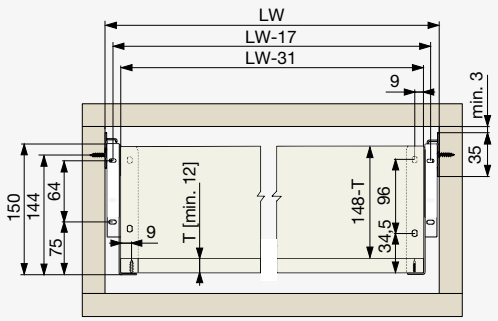
Length NL [mm]	White	Grey
270	F000759	F000779
300	F000760	F000780
350	F000761	F000781
400	F000762	F000782
450	F000763	F000783
500	F000764	F000784
550	F000765	F000785





ⓘ **Legend**

NL – nominal length of slides
NL + 5 – internal cabinet depth
LW – internal cabinet width
LW - 31 – width of bottom panel / width of back panel
T – bottom thickness



Riex NP11 Metal Box, Railings



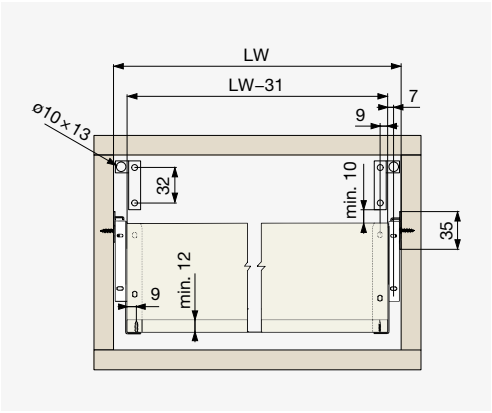
○ White



● Grey

- Contains a pair of round railings and back brackets

Length [mm]	White	Grey
300	F000786	F000792
350	F000787	F000793
400	F000788	F000794
450	F000789	F000795
500	F000790	F000796
550	F000791	F000797

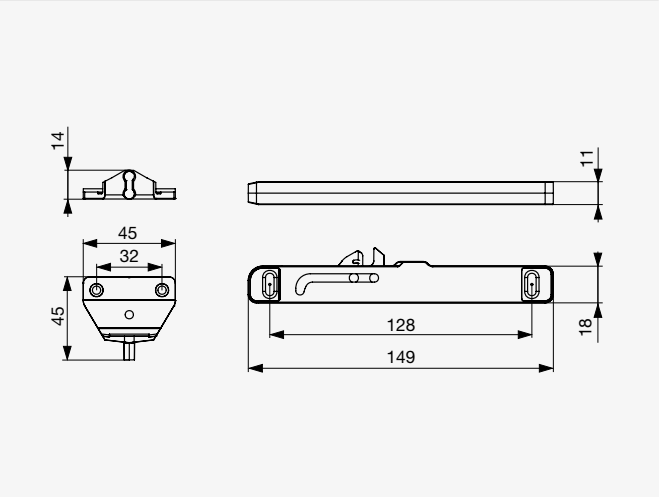


ⓘ Legend

LW – internal cabinet width
LW - 31 – width of bottom panel / width of back panel

Riex NP11 Metal Box, External Damper





- Set of left and right damper and mounting template

Type	Code
For metal box	F005167

Roller Slides



Riex NR09
Roller Slide

- Load capacity 20 kg

Length NL [mm]	White	Brown	Black
250	F000545	F000553	F000561
300	F000546	F000554	F000562
350	F000547	F000555	F000563
400	F000548	F000556	F000564
450	F000549	F000557	F000565
500	F000550	F000558	F000566
550	F000551	×	×
600	F000552	×	×



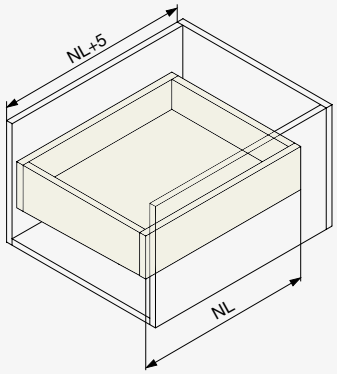
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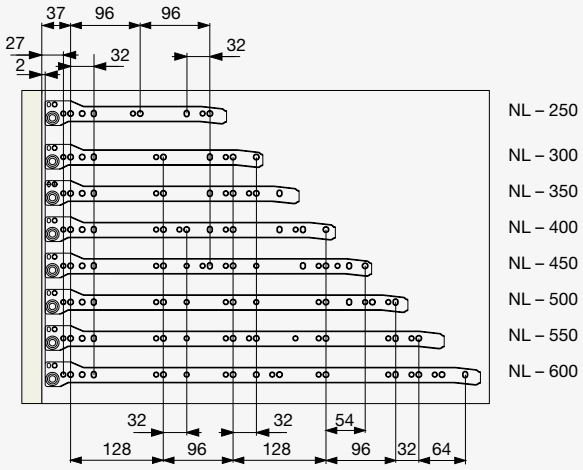


● Brown



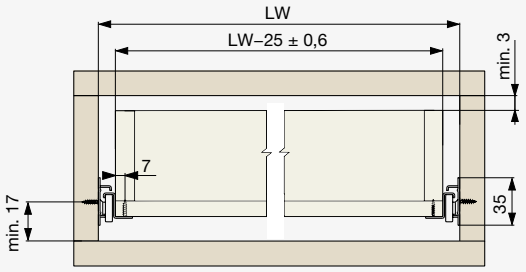
● Black





Legend

NL – nominal length of slides
NL + 5 – internal cabinet depth
LW – internal cabinet width
LW - 25 – width of drawer

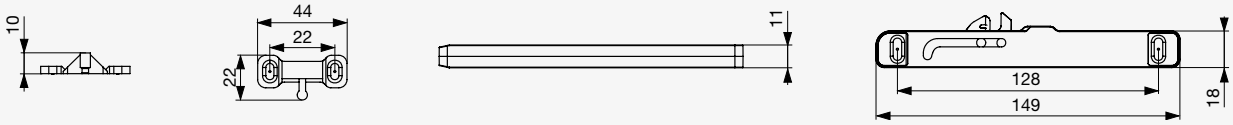


Riex NR09 Roller Slide, External Damper

- Set of left and right damper and mounting template



Type	Code
For roller slide	**F005166**



Mounting Template

Riex Mounting Template

- Set of drilling template and punching tool
- Punching tool ensure easy marking for screws

Suitable for:
- RiexTrack, ND60, NX40, ND30, NU80, NU70, NU69, NU30, NB58, NB55, NR09, NP11, hinges mounting plate
- For front and inner drawers



Description	Code
Set of drilling template and punching tool	**F011442**



CONTENT

Hinges & Push for Open Mechanisms

Whether you plan classic, sliding, or modern handleless doors, you need quality hinges. These from us will give you high durability, long life, and excellent soft closing. We‘ve expanded our top range, NC70, with a colour – dark grey. Choose from a wide selection of Clip-On and Slide-On hinges from Riex and Push for open mechanisms from our production or from Italiana Ferramenta.



● **Riex Cup Hinges Range** **2.3**

● **Riex NC70 Clip-On** **2.7**
Riex NC70 Hinges 2.8
Riex NC70 Mounting Plates and Accessories 2.19

● **Riex NC40 Clip-On** **2.21**
Riex NC40 Hinges 2.21
Riex NC40 Mounting Plates and Accessories 2.28

● **Riex NC20 Clip-On** **2.29**

● **Riex NS40 Slide-On** **2.31**
Riex NS40 Hinges 2.31
Riex NS40 Mounting Plates 2.33

● **Riex NS20 / NS10 Slide-On** **2.34**

● **Riex NS30 Mini Hinges Slide-On** **2.37**

● **Other Hinges** **2.39**

● **Buffers** **2.44**

● **Push for Open** **2.45**
Riex Push for Open 2.45
IF K Push 2.47

Riex Cup Hinges Range

Clip-On
- System for convenient attachment and removal of the hinge from the mounting plate
- One step position adjustment

Slide-On
- Attachment between hinge and mounting plate must be secured with a screw
- Lower price compared to the Clip-On version
- Requires multi-step adjustment and less installation comfort

Clip-On Hinges







	Riex NC70	Riex NC40	Riex NC20
Durability life cycles	●●●●●●	●●●●	●●●
Price	€€€	€€	€€
Range of applications	●●●●●●	●●●●●	●●
Anchoring techniques	●●●●●●	●●●●	●●
Functionality	●●●●●●	●●●●	●●●
Catalogue page	2.7	2.21	2.29

Slide-On Hinges





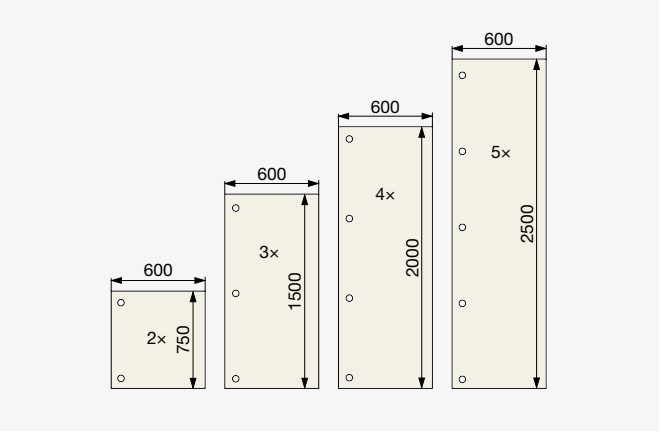


	Riex NS40	Riex NS20	Riex NS10
Durability life cycles	●●●	●●	●
Price	€€	€	€
Range of applications	●●	●	●
Anchoring techniques	●●	●	●
Functionality	●●	●	●
Catalogue page	2.31	2.34	2.36

Basic Features of the Hinges

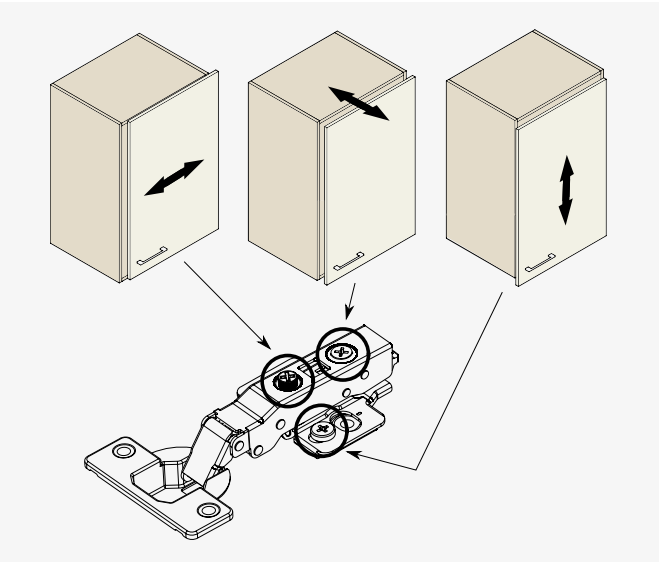
Number of Hinges

- For anchoring taller doors, more hinges should be used
- Maximum width of the door is 600 mm



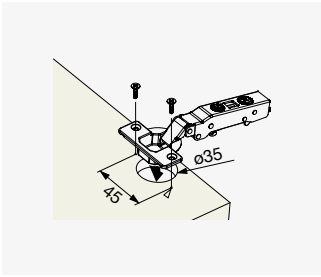
Adjustment of the Hinge

- All hinges can be adjusted in 3 directions
- Use CAM screws in hinges and mounting plates for easier adjustment



Hinge Cup Anchoring Techniques

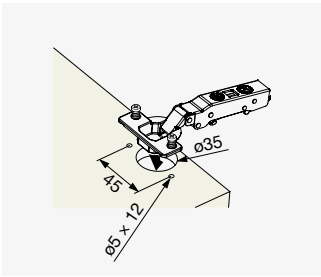




Screw-on

- The most common way of anchoring a hinge cup
- For self-tapping screws
- Recommended screw size 4 × 16 [e.g. SPAX 4 × 16 Nickel plated – **F004280**]
- Screw-on hinge models: NC70, NC40, NC20, NS40, NS20

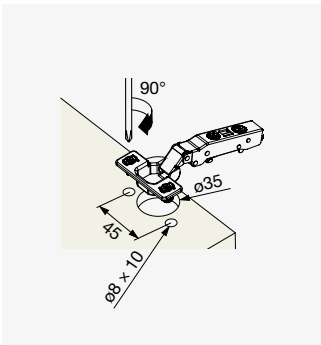




Euroscrews

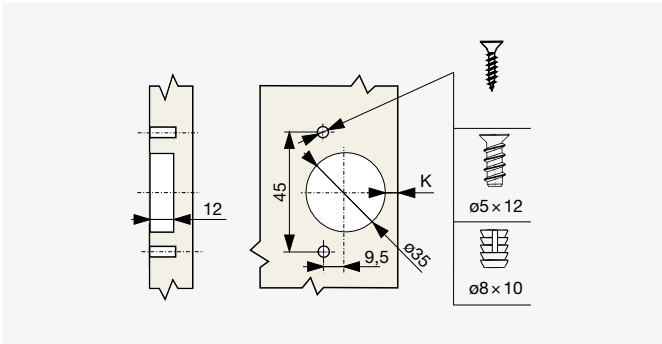
- Euroscrews preinstalled in the cup
- Thread diameter of 6.3 mm ensures higher connection strength
- For euroscrews it is necessary to pre-drill holes 5 × 12 mm
- Euroscrews hinge models: NC40, NS40, NS20





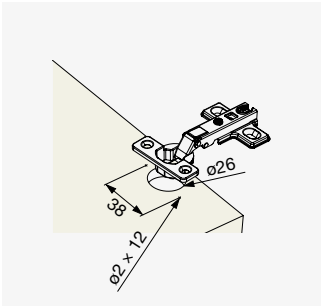
Quick mount

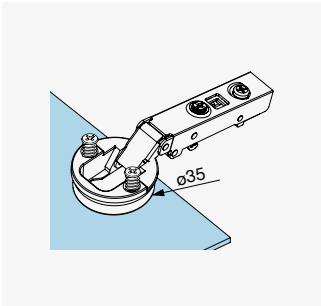
- Fast installation with strong connection
- Quick mount dowels preinstalled in the cup
- The screw only needs to be turned 90° to expand the dowel
- High connection strength thanks to 8 mm diameter expansion dowels
- For Quick mount it is necessary to pre-drill holes 8 × 10 mm
- Quick mount hinge models: NC70

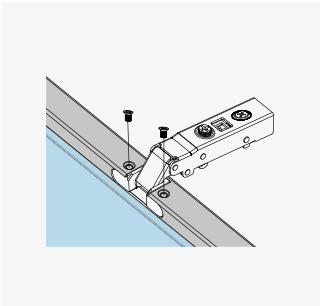


Drilling for Cup 35 mm

- All hinges have the same drilling pattern
- There are several ways of connections:
  - Screw-on
  - Euroscrews – requires pre-drilling
  - Dowels – requires pre-drilling [for Quick mount and Press-in versions]
- The K value is specified for each hinge in a separate table
- For Mini hinges there is different diameter of the cup hole ø26. See p. 2.37







Other hinge types

Mini Hinges
Glass Door Hinges
Narrow ALU Frames hinges

Cup hinges finishing



ⓘ Nickel

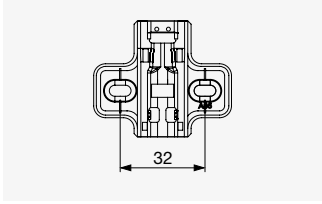


ⓘ Dark Grey Nickel

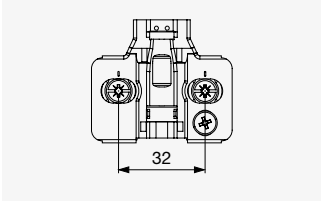
- Galvanic nickel plating on all visible parts of the hinge
- Sets with hinges have all accessories including screws nickel plated in the same colour

Types of installation of mounting plates

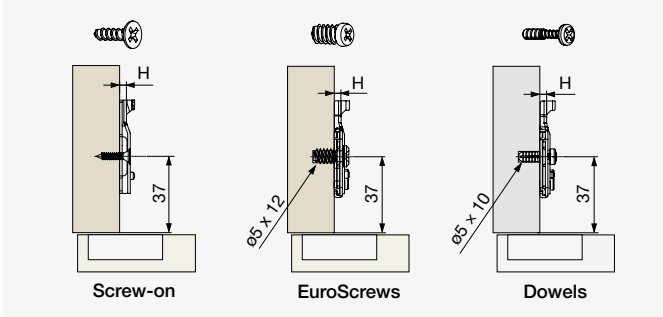
Cruciform mounting plates



ⓘ Mounting plate without CAM



ⓘ Mounting plate with CAM

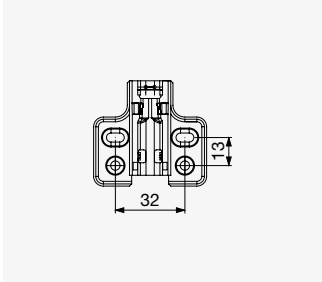


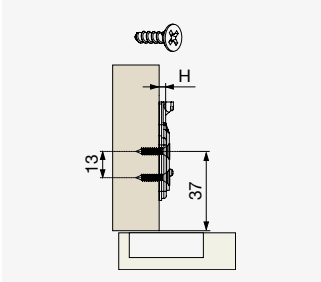
Screw-On
- The most common way of anchoring a hinge plate
- For self-tapping screws
- Recommended screw size 4 × 16 mm [e.g. SPAX 4 × 16 mm Nickel plated – **F004280**]
- Screw-on mounting plate models: NC70, NC40, NC20, NS40, NS30, NS20, NS10

Euroscrews
- Euroscrews presinstaled in the plate
- Thread diameter of 6.3 mm ensures higher connection strength
- For euroscrews it is necessary to pre-drill holes 5 × 12 mm
- Euroscrew mounting plate models: NC70, NC40, NC20, NS40, NS30, NS20

Dowels
- Fast installation with strong connection
- Dowels preinstalled in the mounting plate [screw in dowel needs to be tightened]
- For dowels it is necessary to pre-drill holes 5 × 10 mm
- Dowels mounting plate models: NC70

4 hole plate





Screw-on 4 holes
- Provides a firmer attachment of the plate to the cabinet
- For self-tapping screws
- Recommended screw size 4 × 16 mm [e.g. SPAX 4 × 16 mm Nickel plated – **F004280**]
- It can also be used when mounting plates are installed in one board from both sides to avoid collision of screws
- Screw-on 4 holes models: NC40

Riex NC70
Hinges, Clip-On

- Clip-On mechanism
- Flat design of CAM screw [for TOP models]
- High durability due to massive construction
- TÜV – 100.000 cycles
- Lifetime warranty
- Long steel damper [for soft close models]
- Available in many versions of anchoring
- Available in 2 colour version – nickel and dark grey
- Wide range of hinges types





Riex NC70 Hinge, Full Overlay, Dark Grey, Set of 2 Pieces



Type	Code
Soft-close	F007474

Vertical adjustment by CAM ±1,75 mm.

Package content:
- 2 pcs of hinges
- 2 pcs of mounting plate H0 screw-on with CAM
- 2 pcs of cover cap for arm
- 2 pcs of cover cap for cup
- 8 pcs of black screws

Packed in a bag for retail sale.

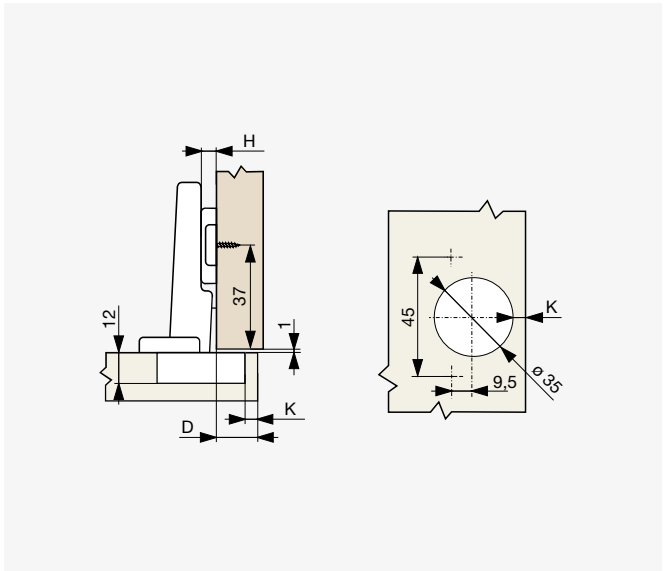
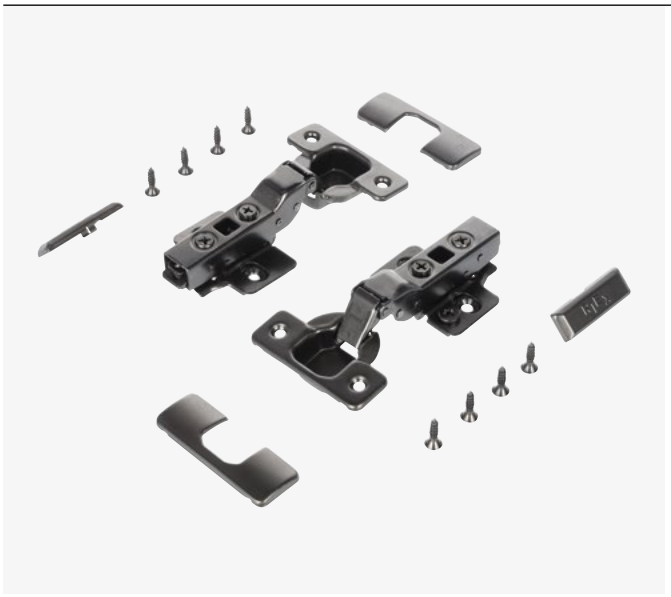


	Plate H0	Plate H2	Plate H4
K [mm]	D [mm]	D [mm]	D [mm]
4	15	13	11
5	16	14	12
6	17	15	13

Adjustment ±3 mm.

Riex NC70 Hinge, Half Overlay, Dark Grey, Set of 2 Pieces



Package content:
- 2 pcs of hinges
- 2 pcs of mounting plate H0 screw-on with CAM
- 2 pcs of cover cap for arm
- 2 pcs of cover cap for cup
- 8 pcs of black screws

Packed in a bag for retail sale.

Type	Code
Soft-close	**F007475**

Vertical adjustment by CAM ±1,75 mm.

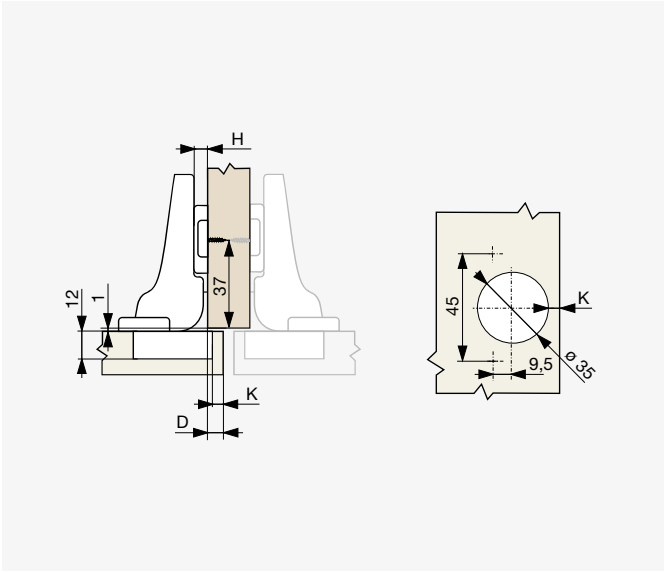


	Plate H0	Plate H2	Plate H4
K [mm]	D [mm]	D [mm]	D [mm]
4	6	4	2
5	7	5	3
6	8	6	4

Adjustment ±3 mm.

Riex NC70 Hinge, Inset, Dark Grey, Set of 2 Pieces



Package content:
- 2 pcs of hinges
- 2 pcs of mounting plate H0 screw-on with CAM
- 2 pcs of cover cap for arm
- 2 pcs of cover cap for cup
- 8 pcs of black screws

Packed in a bag for retail sale.

Type	Code
Soft-close	F007476

Vertical adjustment by CAM ±1,75 mm.

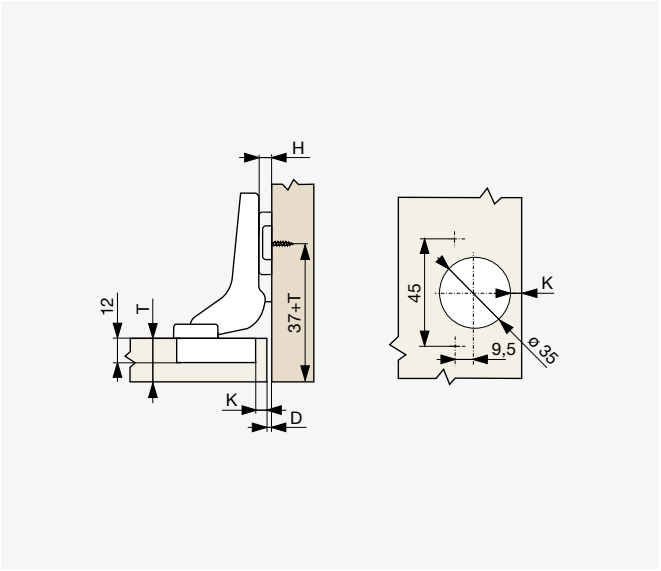


	Plate H0	Plate H2	Plate H4
K [mm]	D [mm]	D [mm]	D [mm]
3	4	6	8
4	3	5	7
5	2	4	6
6	1	3	5
7	0	2	4

Adjustment ±3 mm.

Riex NC70 Hinge, Full Overlay



Type	Code
Soft-close	**F000001**
Without soft-close	**F000006**
Unsprung [Push for open]	**F000007**

ⓘ p. 2.12

Recommended mounting plates:
- **F000043** H0 screw-on with CAM
- **F000046** H0 screw-on

Other mounting plates and covers NC70 on p. 2.19.

Riex NC70 Hinge, Full Overlay, Quick Mount ø8 mm







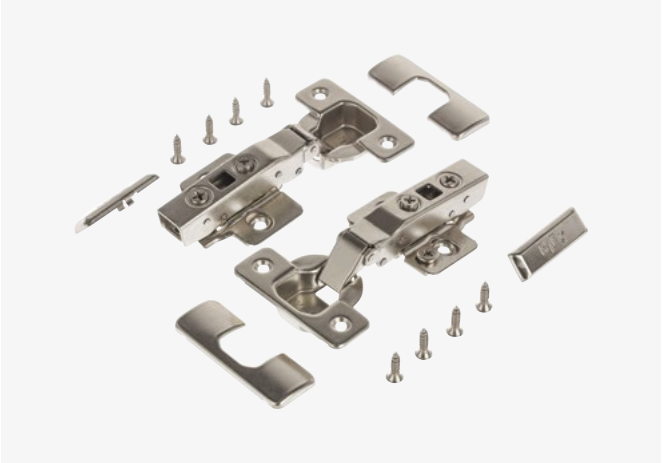
Type	Code
Soft-close	**F000017**

ⓘ p. 2.12

Recommended mounting plates:
- **F000043** H0 screw-on with CAM
- **F000046** H0 screw-on

Other mounting plates and covers NC70 on p. 2.19.
Quick mount drilling ø8×10 mm.

Riex NC70 Hinge, Full Overlay, Set of 2 Pieces



Type	Code
Soft-close	**F000015**

Vertical adjustment by CAM ±1,75 mm.

ⓘ p. 2.12

Package content:
- 2 pcs of hinges
- 2 pcs of mounting plate H0 screw-on with CAM
- 2 pcs of cover cap for arm
- 2 pcs of cover cap for cup

Packed in a bag for retail sale.

Riex NC70 Hinge, Full Overlay + Mounting Plate H0



ⓘ **F007468**

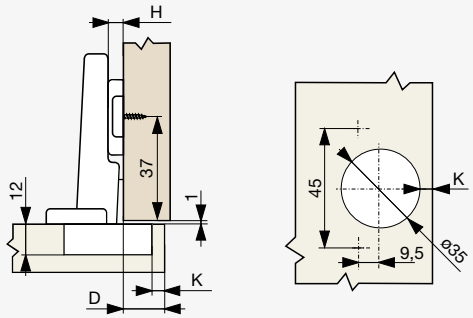


ⓘ **F000016**

ⓘ📐 p. 2.12

Type of mounting plate	Closing Mechanism	Code
Screw-on H0 with CAM*	Soft-close	**F007468**
Screw-on H0	Soft-close	**F000016**

*** Vertical adjustment by CAM ±1,75 mm.**



ⓘ📐 Riex NC70 Hinges, full overlay

- **Drawing and table valid for product on p. 2.11 and 2.12**

	Plate H0	Plate H2	Plate H4
K [mm]	D [mm]	D [mm]	D [mm]
4	15	13	11
5	16	14	12
6	17	15	13

Adjustment ±3 mm.

Riex NC70 Hinge, Half Overlay



Type	Code
Soft-close	**F000008**
Without soft-close	**F000009**
Unsprung [Push for open]	**F000010**

Recommended mounting plates:
- **F000043** H0 screw-on with CAM
- **F000046** H0 screw-on

Other mounting plates and covers NC70 on p. 2.19.

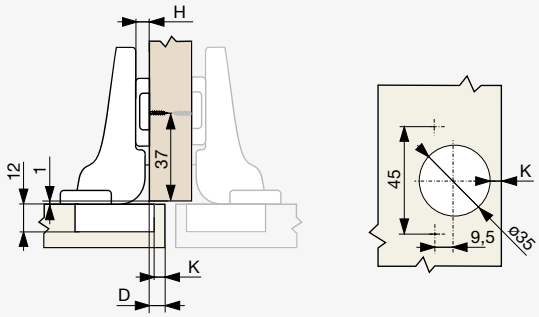


	Plate H0	Plate H2	Plate H4
K [mm]	D [mm]	D [mm]	D [mm]
4	6	4	2
5	7	5	3
6	8	6	4

Adjustment ±3 mm.

Riex NC70 Hinge, Inset



Type	Code
Soft-close	**F000011**
Without soft-close	**F000012**
Unsprung [Push for open]	**F000013**

Recommended mounting plates:
- **F000044** H2 screw-on with CAM
- **F000047** H2 screw-on

Other mounting plates and covers NC70 on p. 2.19.

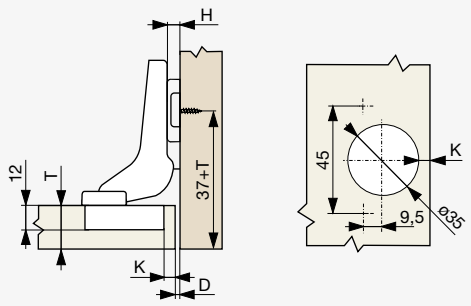


	Plate H0	Plate H2	Plate H4
K [mm]	D [mm]	D [mm]	D [mm]
3	4	6	8
4	3	5	7
5	2	4	6
6	1	3	5
7	0	2	4

Adjustment ±3 mm.

Riex NC70 Hinge 155°, Full Overlay with Zero Protrusion

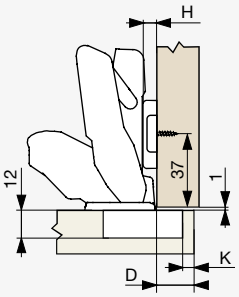


Type	Code
Soft-close	**F000027**
Unsprung [Push for open]	**F000029**

Zero protrusion function makes these hinges suitable for use with internal drawers and pull-out baskets.

Recommended mounting plates:
- **F000043** H0 screw-on with CAM
- **F000046** H0 screw-on

Other mounting plates and covers NC70 on p. 2.19.



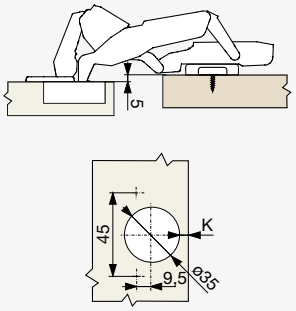


	Plate H0	Plate H2	Plate H4
K [mm]	D [mm]	D [mm]	D [mm]
4	15	13	11
5	16	14	12
6	17	15	13

Adjustment ±2 mm.

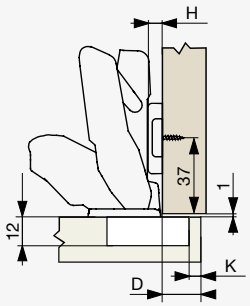
Riex NC70 Hinge 165°, Full Overlay



Type	Code
Soft-close	**F007469**

Recommended mounting plates:
- **F000043** H0 screw-on with CAM
- **F000046** H0 screw-on

Other mounting plates and covers NC70 on p. 2.19.



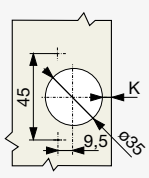


	Plate H0	Plate H2	Plate H4
K [mm]	D [mm]	D [mm]	D [mm]
4	15	13	11
5	16	14	12
6	17	15	13

Riex NC70 Hinge 165°, Half Overlay



Type	Code
Soft-close	**F000030**
Unsprung [Push for open]	**F000031**

Recommended mounting plates:
- **F000043** H0 screw-on with CAM
- **F000046** H0 screw-on

Other mounting plates and covers NC70 on p. 2.19.

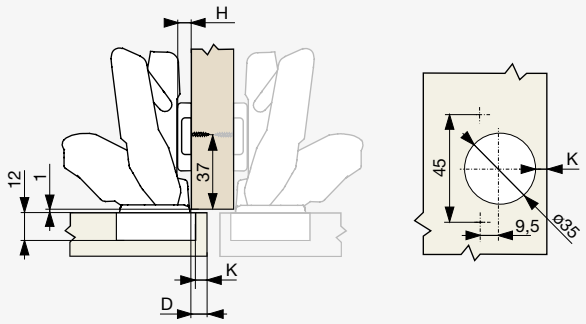


	Plate H0	Plate H2	Plate H4
K [mm]	D [mm]	D [mm]	D [mm]
4	6	4	2
5	7	5	3
6	8	6	4

Adjustment ±2 mm.

Riex NC70 Hinge 165°, Inset



Type	Code
Soft-close	**F000032**
Unsprung [Push for open]	**F000033**

Recommended mounting plates:
- **F000044** H2 screw-on with CAM
- **F000047** H2 screw-on

Other mounting plates and covers NC70 on p. 2.19.

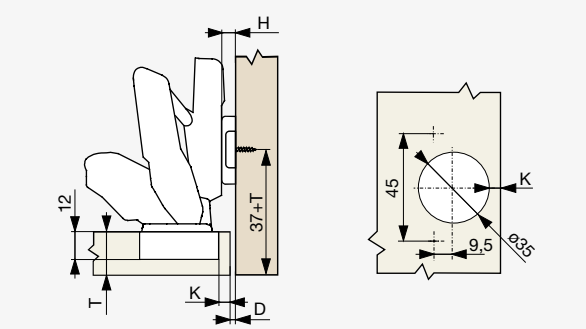


	Plate H2	Plate H4
K [mm]	D [mm]	D [mm]
4	1	3
5	0	2
6	–1	1

Adjustment ±3 mm.

Riex NC70 Hinge 30°



Type	Code
Soft-close	**F000034**
Unsprung [Push for open]	**F000035**

Recommended mounting plates:
- **F000043** H0 screw-on with CAM
- **F000046** H0 screw-on

Other mounting plates and covers NC70 on p. 2.19.

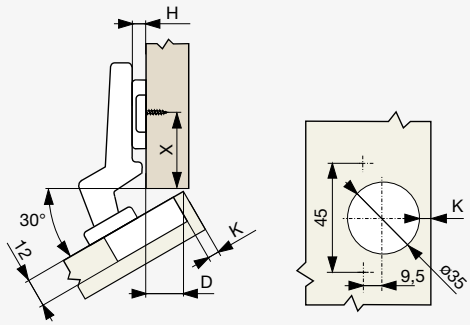


		Plate H0	Plate H2	Plate H4
K [mm]	X [mm]	D [mm]	D [mm]	D [mm]
4	37	3	1	–1
5	36	4	2	0
6	35	5	3	1
7	34	6	4	2

Adjustment ±3 mm.

Riex NC70 Hinge 45°



Type	Code
Soft-close	**F000036**
Unsprung [Push for open]	**F000037**

Recommended mounting plates:
- **F000043** H0 screw-on with CAM
- **F000046** H0 screw-on

Other mounting plates and covers NC70 on p. 2.19.

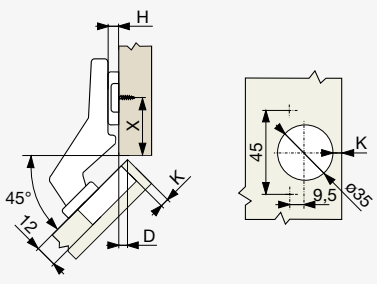


		Plate H0	Plate H2	Plate H4
K [mm]	X [mm]	D [mm]	D [mm]	D [mm]
4	37	3	1	–1
5	36	4	2	0
6	35	5	3	1

Adjustment ±3 mm.

Riex NC70 Hinge 90°



Type	Code
Soft-close	**F000038**
Unsprung [Push for open]	**F000039**

Recommended mounting plates:
- **F000044** H2 screw-on with CAM
- **F000047** H2 screw-on

Other mounting **plates** and covers NC70 on p. 2.19.

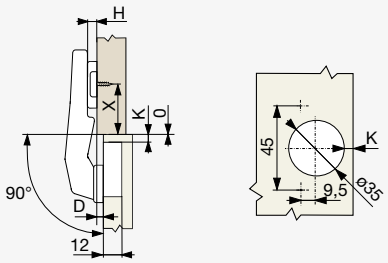


		Plate H0	Plate H2	Plate H4
K [mm]	X [mm]	D [mm]	D [mm]	D [mm]
4	20	3	1	–1
5	19	3	1	–1

Adjustment ±3 mm.

Riex NC70 Hinge 135°

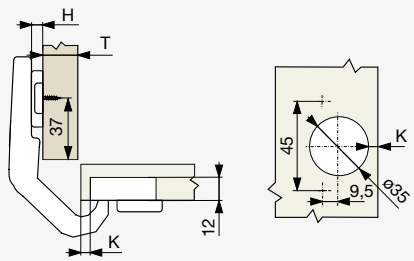


Type	Code
Without soft-close	**F000040**

The hinge is designed for corner cabinets with folding doors.

Recommended mounting plates:
- **F000043** H0 screw-on with CAM
- **F000046** H0 screw-on

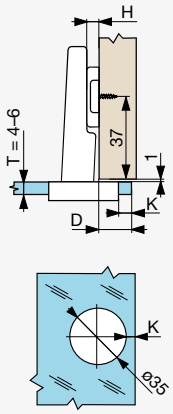
Other mounting **plates** and covers NC70 on p. 2.19.



T [mm]	Height of plate
18–22	H0
16	H2

Riex NC70 Hinge, Full Overlay, for Glass Door





Type	Code
Soft-close	**F000143**

Recommended mounting plates:
- **F000043** H0 screw-on with CAM
- **F000046** H0 screw-on

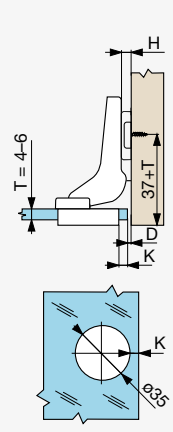
Other mounting plates and covers NC70 on p. 2.19.

	Plate H0	Plate H2	Plate H4
K [mm]	D [mm]	D [mm]	D [mm]
4	15	13	11
5	16	14	12
6	17	15	13

Adjustment ±3 mm.

Riex NC70 Hinge, Inset, for Glass Door





Type	Code
Soft-close	**F000145**

Recommended mounting plates:
- **F000043** H0 screw-on with CAM
- **F000046** H0 screw-on

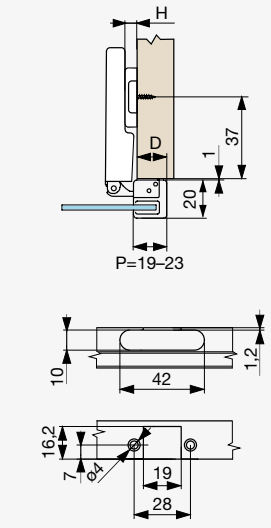
Other mounting plates and covers NC70 on p. 2.19.

	Plate H0	Plate H2	Plate H4
K [mm]	D [mm]	D [mm]	D [mm]
4	3	5	7
5	2	4	6
6	1	3	5

Adjustment ±3 mm.

Riex NC70 Hinge, Full Overlay, for Slim Aluminium Frame





Type	Code
Soft-close	**F003334**

Recommended mounting plates:
- **F000043** H0 screw-on with CAM
- **F000046** H0 screw-on

Other mounting plates and covers NC70 on p. 2.19.
The hinges include the screws for mounting the hinge to the frame.

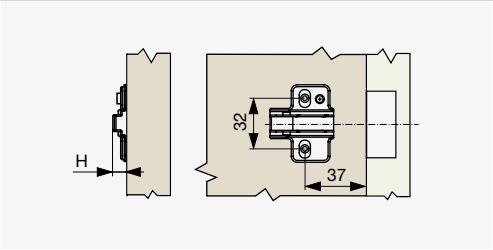
	Plate H0	Plate H2	Plate H4
P [mm]	D [mm]	D [mm]	D [mm]
19	17	15	13
20	18	16	14
21	19	17	15
22	20	18	16
23	21	19	17

Adjustment ±3 mm.

Riex NC70 Mounting Plates and Accessories

Plate Screw-On with CAM



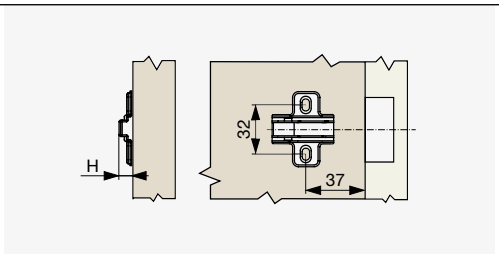


Type	Code
H0	F000043
H2	F000044
H4	F000045

Vertical adjustment by CAM ±1,75 mm.

Plate Screw-On

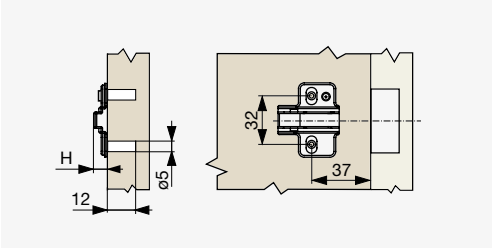




Type	Code
H0	F000046
H2	F000047
H4	F000048

Plate with Euroscrews with CAM



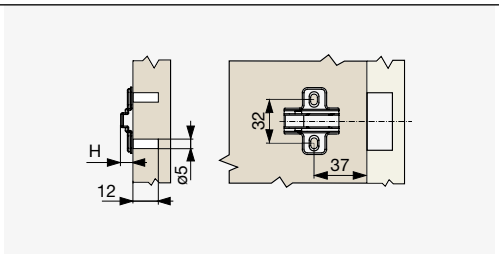


Type	Code
H0	F007471
H2	F007472
H4	F007473

Vertical adjustment by CAM ±1,75 mm.

Plate with Euroscrews

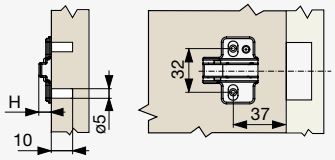




Type	Code
H0	F000049

Plate with Dowels ø5 mm and with CAM



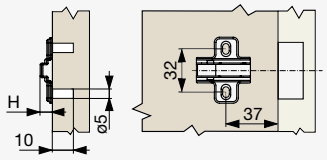


Type	Code
H0	**F000050**
H2	**F007477**
H4	**F007478**

Vertical adjustment by CAM ±1,75 mm.

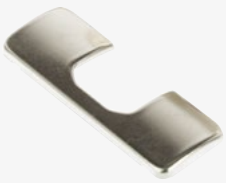
Plate with Dowels ø5 mm





Type	Code
H0	**F000051**

Cover Caps



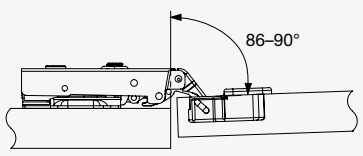


Type	Code
Cup	**F000053**
Arm Riex	**F000054**
Arm no logo	**F010350**

Custom logo on cover cap upon request.

Opening Angle Restrictor





Type	Code
Reduce to 90°	**F003063**

Riex NC40 Hinge, Clip-On

Riex NC40 Hinge, Full Overlay



Type	Code
Soft-close	**F000058**
Without soft-close	**F000063**

ⓘ p. 2.22

Recommended mounting plates:
- **F000093** H0 screw-on with CAM
- **F000096** H0 screw-on

Other mounting plates and covers NC40 on p. 2.28.

Riex NC40 Hinge, Full Overlay without CAM



Type	Code
Without soft-close	**F000071**

ⓘ p. 2.22

Recommended mounting plates:
- **F000096** H0 screw-on

Other mounting plates and covers NC40 on p. 2.28.

Riex NC40 Hinge, Full Overlay with Euroscrews



Type	Code
Soft-close	**F003496**

ⓘ p. 2.22

Recommended mounting plates:
- **F000093** H0 screw-on with CAM
- **F000099** H0 with euroscrews

Other mounting plates and covers NC40 on p. 2.28.

Riex NC40 Hinge, Full Overlay + Plate H0 with CAM



Type	Code
Soft-close	**F000060**

Vertical adjustment by CAM ±1,75 mm.

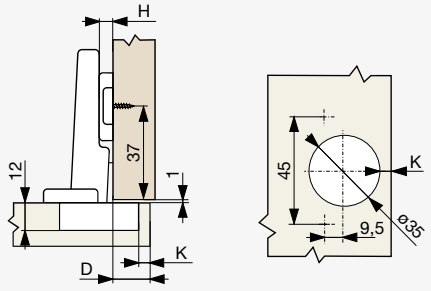
ⓘ p. 2.22

Riex NC40 Hinge, Full Overlay + Plate H0



Type	Code
Soft-close	**F000061**

ⓘ p. 2.22



ⓘ Riex NC40 Hinge, full overlay

- Drawing and table valid for product on p. 2.21 and 2.22

	Plate H0	Plate H2	Plate H4
K [mm]	D [mm]	D [mm]	D [mm]
4	14	12	10
5	15	13	11
6	16	14	12

Adjustment ±4 mm.

Riex NC40 Hinge, Half Overlay



Type	Code
Soft-close	**F000065**
Without soft-close	**F000066**

Recommended mounting plates:
- **F000093** H0 screw-on with CAM
- **F000096** H0 screw-on

Other mounting plates and covers NC40 on p. 2.28.

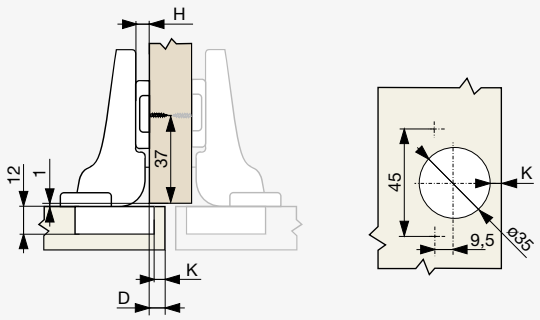


	Plate H0	Plate H2	Plate H4
K [mm]	D [mm]	D [mm]	D [mm]
4	4	2	0
5	5	3	1
6	6	4	2

Adjustment ±4 mm.

Riex NC40 Hinge, Inset



Type	Code
Soft-close	**F000068**
Without soft-close	**F000069**

Recommended mounting plates:
- **F000093** H0 screw-on with CAM
- **F000096** H0 screw-on

Other mounting plates and covers NC40 on p. 2.28.

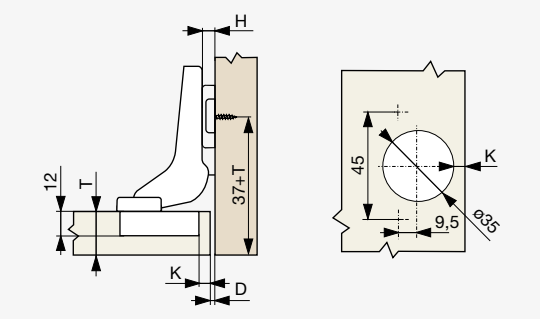


	Plate H0	Plate H2	Plate H4
K [mm]	D [mm]	D [mm]	D [mm]
4	4	6	8
5	3	5	7
6	2	4	6

Adjustment ±4 mm.

Riex NC40 Hinge 155°, Full Overlay with Zero Protrusion

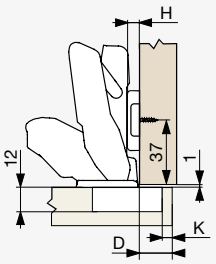


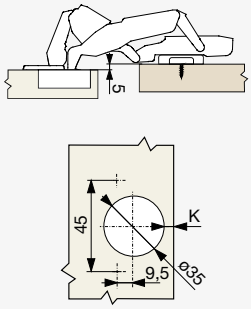
Type	Code
Soft-close	**F000074**

Zero protrusion function makes these hinges suitable for use with internal drawers and pull-out baskets.

Recommended mounting plates:
- **F000093** H0 screw-on with CAM
- **F000096** H0 screw-on

Other mounting plates and covers NC40 on p. 2.28.





K [mm]	Plate H0 D [mm]	Plate H2 D [mm]	Plate H4 D [mm]
4	15	13	11
5	16	14	12
6	17	15	13

Adjustment ±3 mm.

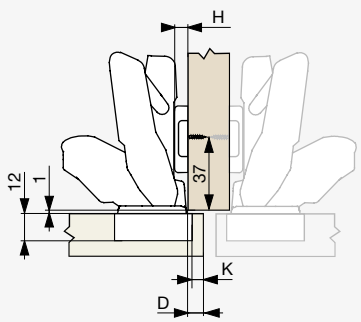
Riex NC40 Hinge 155°, Half Overlay

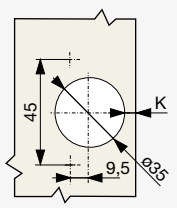


Type	Code
Soft-close	**F000077**

Recommended mounting plates:
- **F000093** H0 screw-on with CAM
- **F000096** H0 screw-on

Other mounting plates and covers NC40 on p. 2.28.





K [mm]	Plate H0 D [mm]	Plate H2 D [mm]	Plate H4 D [mm]
4	6	4	2
5	7	5	3
6	8	6	4

Adjustment ±3 mm.

Riex NC40 Hinge 155°, Inset



Type	Code
Soft-close	**F000079**

Recommended mounting plates:
- **F000093** H0 screw-on with CAM
- **F000096** H0 screw-on

Other mounting plates and covers NC40 on p. 2.28.

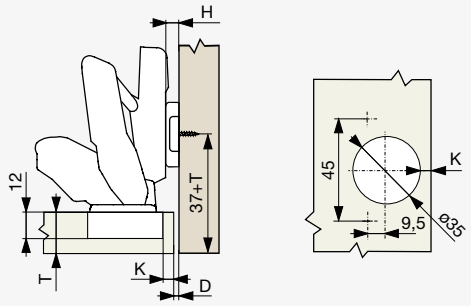


	Plate H0	Plate H2	Plate H4
K [mm]	D [mm]	D [mm]	D [mm]
4	0	2	4
5	–1	1	3
6	–2	0	2

Adjustment ±3 mm.

Riex NC40 Hinge 30°



Type	Code
Soft-close	**F000081**
Without soft-close	**F000082**

Recommended mounting plates:
- **F000093** H0 screw-on with CAM
- **F000096** H0 screw-on

Other mounting plates and covers NC40 on p. 2.28.

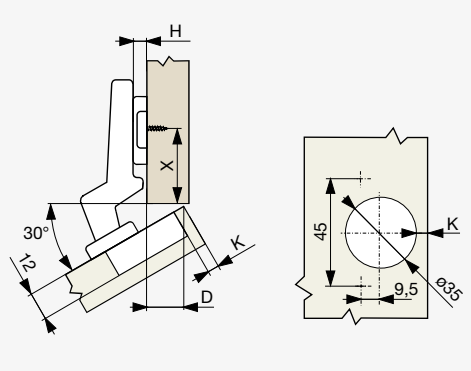


		Plate H0	Plate H2	Plate H4
K [mm]	X [mm]	D [mm]	D [mm]	D [mm]
5	36	3	1	–1
6	35	4	2	0
7	34	5	3	1

Adjustment ±3 mm.

Riex NC40 Hinge 45°



Type	Code
Soft-close	**F000084**
Without soft-close	**F000085**

Recommended mounting plates:
- **F000093** H0 screw-on with CAM
- **F000096** H0 screw-on

Other mounting plates and covers NC40 on p. 2.28.

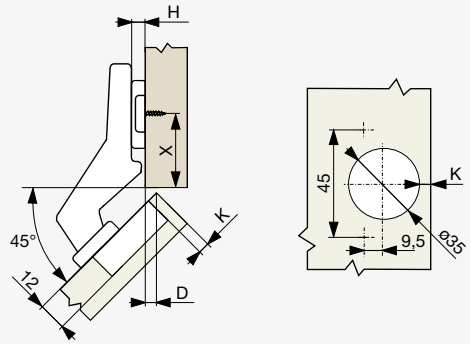


		Plate H0	Plate H2	Plate H4
K [mm]	X [mm]	D [mm]	D [mm]	D [mm]
4	37	4	2	0
5	36	5	3	1
6	35	6	4	2
7	37	7	5	3

Adjustment ±3 mm.

Riex NC40 Hinge 90°



Type	Code
Soft-close	**F000087**
Without soft-close	**F000088**

Recommended mounting plates:
- **F000094** H2 screw-on with CAM
- **F000097** H2 screw-on

Other mounting plates and covers NC40 on p. 2.28.

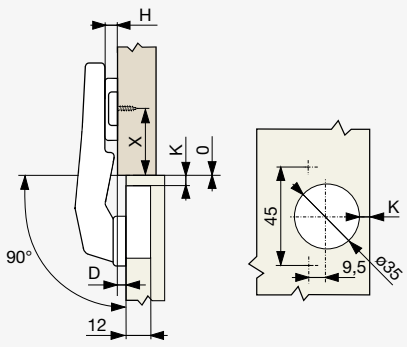


		Plate H0	Plate H2	Plate H4
K [mm]	X [mm]	D [mm]	D [mm]	D [mm]
4	20	3	1	–1
5	19	3	1	–1

Adjustment ±3 mm.

Riex NC40 Hinge 135°

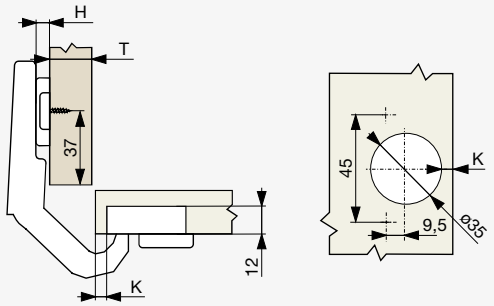


Type	Code
Without soft-close	**F000090**

The hinge is designed for corner cabinets with folding doors.

Recommended mounting plates:
- **F000093** H0 screw-on with CAM
- **F000096** H0 screw-on

Other mounting plates and covers NC40 on p. 2.28.

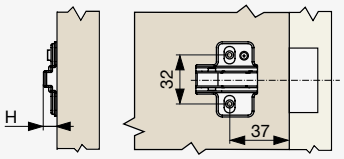


T [mm]	Height of plate
18–22	H0
16	H2

Riex NC40
Mounting Plates and Accessories

Plate Screw-On with CAM



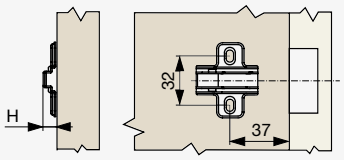


Type	Code
H0	F000093
H2	F000094
H4	F000095

Vertical adjustment by CAM ±1,75 mm.

Plate Screw-On

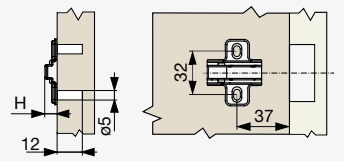




Type	Code
H0	F000096
H2	F000097
H4	F000098

Plate with Euroscrews

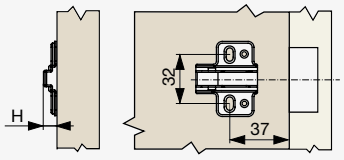




Type	Code
H0	F000099

Plate Screw-On [4 holes]





Type	Code
H0	F000100

Cover Caps



Type	Code
Cup	F000102
Arm – full overlay hinges	F000103
Arm – half overlay and inset hinges	F000104

Riex NC20 Hinge, Clip-On

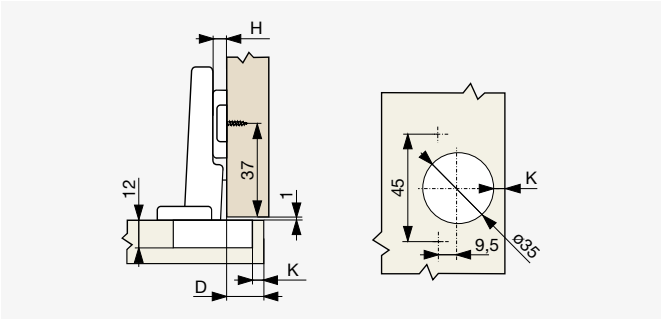
Riex NC20 Hinge, Full Overlay + Plate H0





Type	Plate type	Code
Soft-close	Without CAM	**F000123**
	With CAM*	**F007357**

*** Vertical adjustment by CAM ±1,75 mm.**



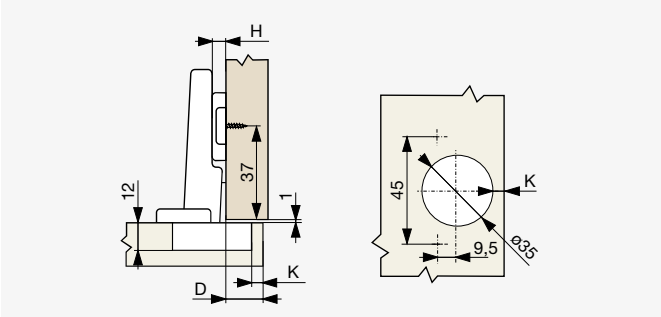
K [mm]	Plate H0 D [mm]
4	16
5	17
6	18

Adjustment ±2 mm.

Riex NC20 Hinge, Full Overlay + Plate H0 with Euroscrews



Type	Code
Soft-close	**F000124**



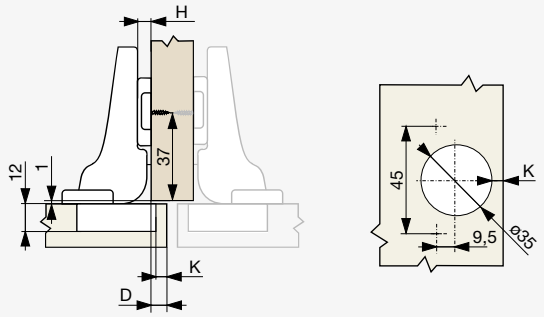
K [mm]	Plate H0 D [mm]
4	16
5	17
6	18

Adjustment ±2 mm.

Riex NC20 Hinge, Half Overlay + Plate H0



Type	Code
Soft-close	**F000125**



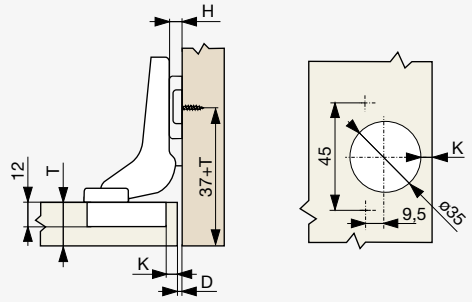
K [mm]	Plate H0 D [mm]
4	7
5	8
6	9

Adjustment ±2 mm.

Riex NC20 Hinge, Inset + Plate H0



Type	Code
Soft-close	**F000126**



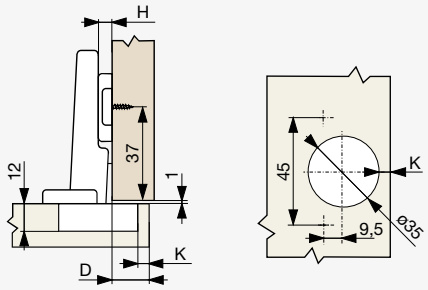
K [mm]	Plate H0 D [mm]
4	2
5	1
6	0

Adjustment ±2 mm.

Riex NS40 Hinge, Slide-On

Riex NS40 Hinge, Full Overlay





Type	Code
Without soft-close	**F000107**

Recommended mounting plates:
- **F000115** H0 screw-on
- **F000116** H0 with euroscrews

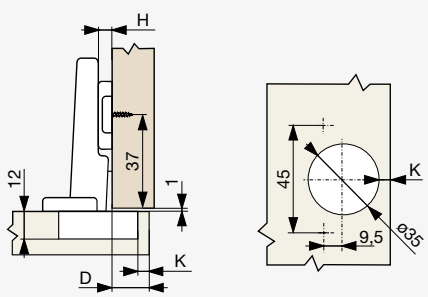
Other mounting plates and covers NS40 on p. 2.33.

	Plate H0	Plate H2	Plate H4
K [mm]	D [mm]	D [mm]	D [mm]
4	13	11	9
5	14	12	10
6	15	13	11

Adjustment ±4 mm.

Riex NS40 Hinge, Full Overlay with Euroscrews





Type	Code
Without soft-close	**F000108**

Recommended mounting plates:
- **F000115** H0 screw-on
- **F000116** H0 with euroscrews

Other mounting plates and covers NS40 on p. 2.33.

	Plate H0	Plate H2	Plate H4
K [mm]	D [mm]	D [mm]	D [mm]
4	13	11	9
5	14	12	10
6	15	13	11

Adjustment ±4 mm.

Riex NS40 Hinge, Half Overlay



Type	Code
Without soft-close	**F000111**

Recommended mounting plates:
- **F000115** H0 screw-on
- **F000116** H0 with euroscrews

Other mounting plates and covers NS40 on p. 2.33.

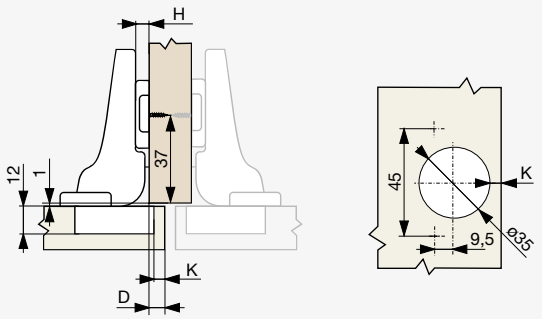


	Plate H0	Plate H2	Plate H4
K [mm]	D [mm]	D [mm]	D [mm]
4	4	2	0
5	5	3	1
6	6	4	2

Adjustment ±4 mm.

Riex NS40 Hinge, Inset



Type	Code
Without soft-close	**F000112**

Recommended mounting plates:
- **F000115** H0 screw-on
- **F000116** H0 with euroscrews

Other mounting plates and covers NS40 on p. 2.33.

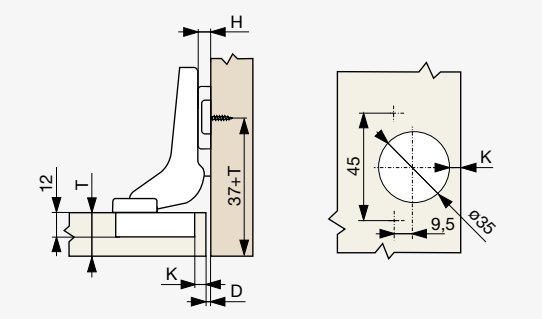


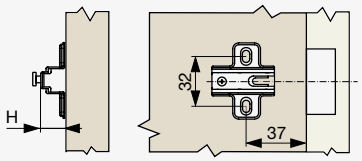
	Plate H0	Plate H2	Plate H4
K [mm]	D [mm]	D [mm]	D [mm]
4	4	6	8
5	3	5	7
6	2	4	6

Adjustment ±4 mm.

Riex NS40
Mounting Plates

Plate Screw-On

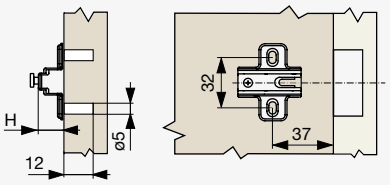




Type	Code
H0	**F000115**
H2	**F000117**
H4	**F000118**

Plate with Euroscrews





Type	Code
H0	**F000116**

Riex NS20
Hinge, Slide-On

Riex NS20 Hinge, Full Overlay + Plate H0 ECONOMY



Type	Code
Without soft-close	F000127

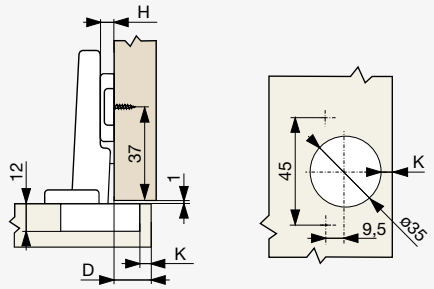


	Plate H0
K [mm]	D [mm]
4	16
5	17
6	18

Adjustment ±2 mm.

Riex NS20 Hinge, Full Overlay + Plate H0 with Euroscrews ECONOMY



Type	Code
Without soft-close	F000128

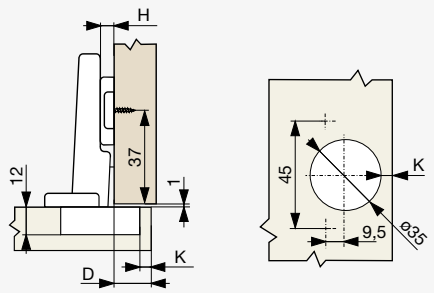


	Plate H0
K [mm]	D [mm]
4	16
5	17
6	18

Adjustment ±2 mm.

Riex NS20 Hinge, Half Overlay + Plate H0 ECONOMY



Type	Code
Without soft-close	**F000130**

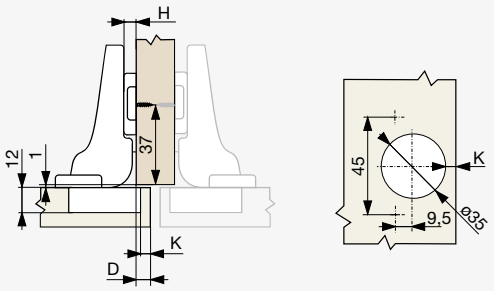


	Plate H0
K [mm]	D [mm]
4	7
5	8
6	9

Adjustment ±2 mm.

Riex NS20 Hinge, Inset + Plate H0 ECONOMY



Type	Code
Without soft-close	**F000131**

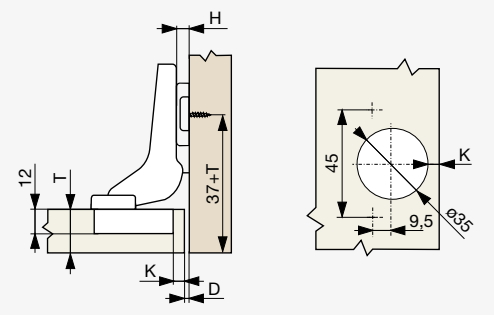


	Plate H0
K [mm]	D [mm]
4	2
5	1
7	0

Adjustment ±2 mm.

Riex NS10 Hinge, Slide-On

Riex NS10 Hinge, Full Overlay + Plate H0 ECONOMY



Type	Code
Without soft-close	**F000129**

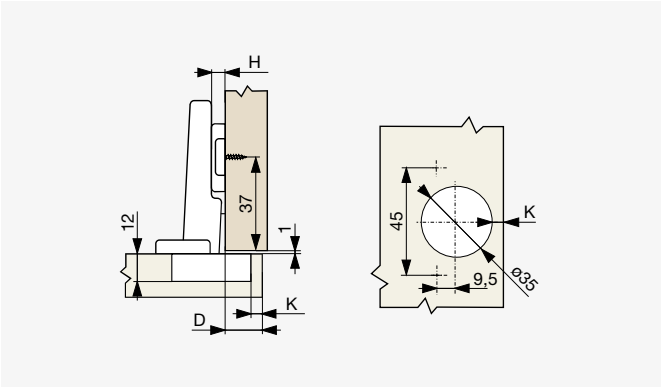


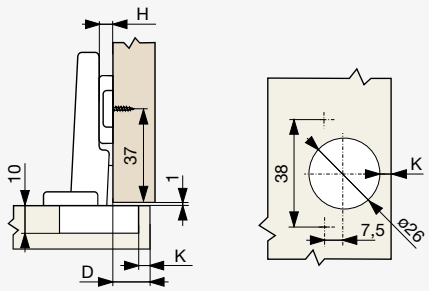
	Plate H0
K [mm]	D [mm]
4	16
5	17
6	18

Adjustment ±2 mm.

Riex NS30
Mini Hinges, Slide-On

Riex NS30 Hinge, ø26 mm Cup, Full Overlay + Plate H0





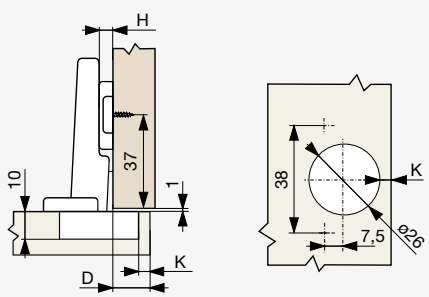
Type	Code
Without soft-close	**F000136**

	Plate H0
K [mm]	D [mm]
3	14
4	15
5	16

Adjustment ±1.5 mm.

Riex NS30 Hinge, ø26 mm Cup, Full Overlay + Plate H0 with Euroscrews





Type	Code
Without soft-close	**F000137**

	Plate H0
K [mm]	D [mm]
3	14
4	15
5	16

Adjustment ±1.5 mm.

Riex NS30 Hinge, ø26 mm Cup, Half Overlay + Plate H0



Type	Code
Without soft-close	**F000138**

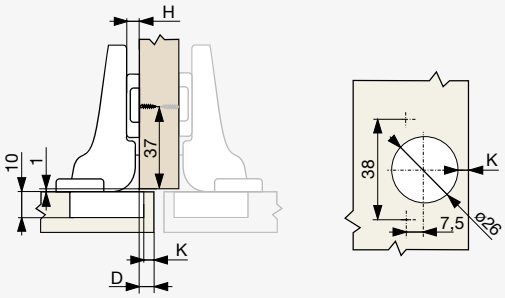


	Plate H0
K [mm]	D [mm]
3	6
4	7
5	8

Adjustment ±1.5 mm.

Riex NS30 Hinge, ø26 mm Cup, Inset + Plate H0



Type	Code
Without soft-close	**F000139**

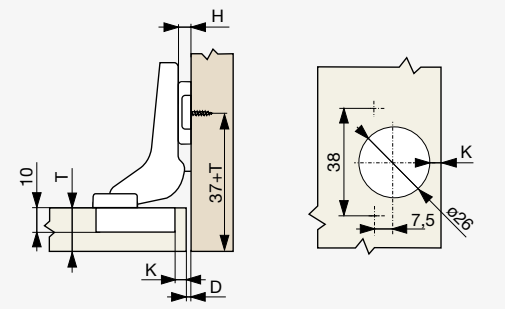


	Plate H0
K [mm]	D [mm]
3	3
4	2
5	1

Adjustment ±1.5 mm.

Other Hinges

● IF Kimana Hinge

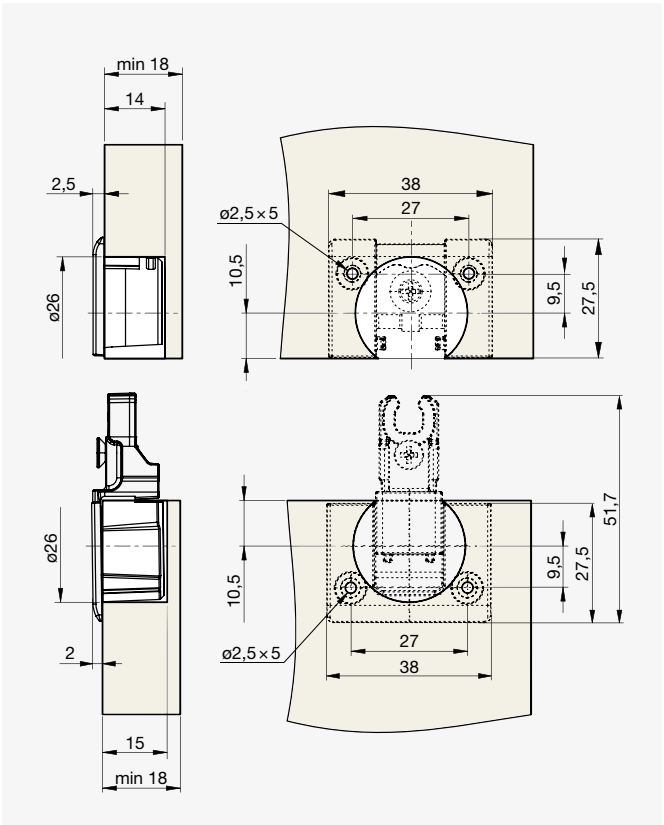


● Nickel plated

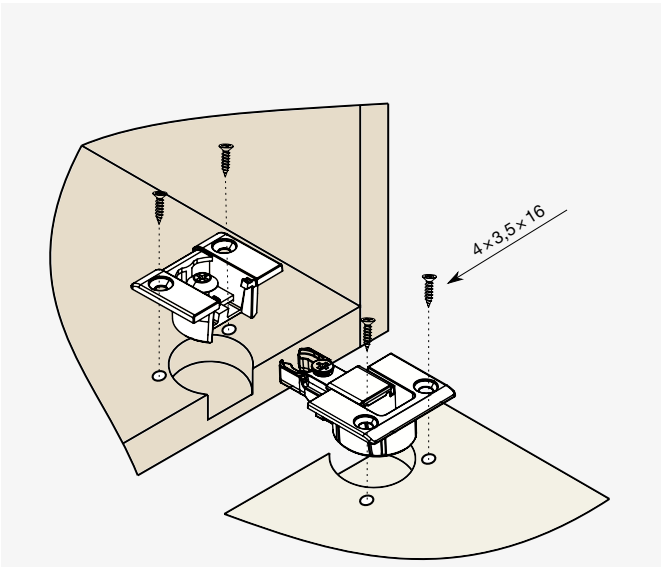


● Anthracite

Colour	Code
Nickel plated	**F002664**
Anthracite	**F002665**

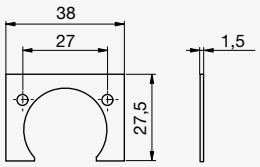


Ideal model of hinge to combine with any drop-down opening mechanism.
See on chapter 3.



● IF Kimana Hinge Accessories





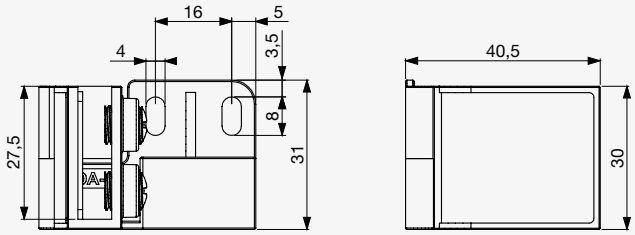
Code	Type
F002666	Spacer 1.5 mm

- Optional accessories if using different thickness of the boards
- Possible to use more plates to delete the differences



Riex NG50 Hinge for Glass Door, Inset





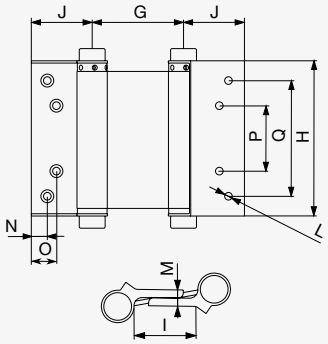
Type	Code
Chrome	**F002870**
Black	**F002871**

Contains:
- Pair of hinges

For glass max 5 mm.

Riex NW20 Double Action Door Hinge [Western]





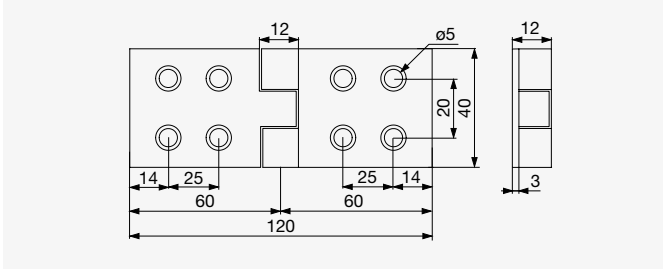
Contains:
- Pair of hinges

Size H [mm]	Code
75	**F002141**
100	**F002142**
125	**F002143**
150	**F002144**

Code	H±2 [mm]	G±2 [mm]	I±2 [mm]	J±2 [mm]	L±0.5 [mm]	M±1 [mm]	N±1 [mm]	O±1 [mm]	P±2 [mm]	Q±2 [mm]
F002141	76	50	30	38	4	10	7	15	28	50
F002142	102	58	36	40	5	11	10	16	42	76
F002143	125	64	40	40	6	11	10	19	54	96
F002144	152	64	38	44	6	14	10	19	62	112

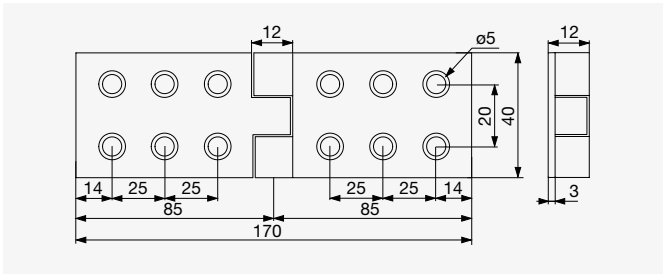
Riex NC05 Butt Flat Hinge





ⓘ **F004328**



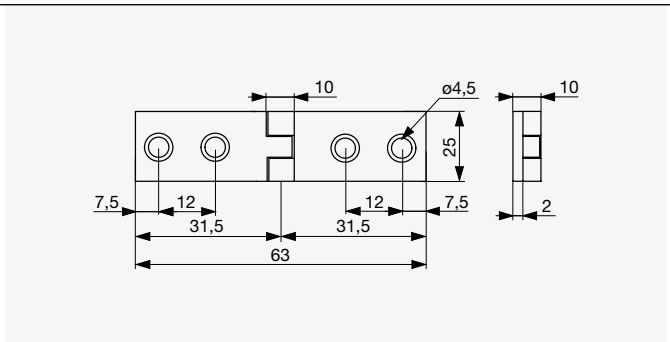


ⓘ **F004329**

Length [mm]	Code	Height [mm]	Thickness [mm]	Colour
120	**F004328**	40	3	White zinc
170	**F004329**			

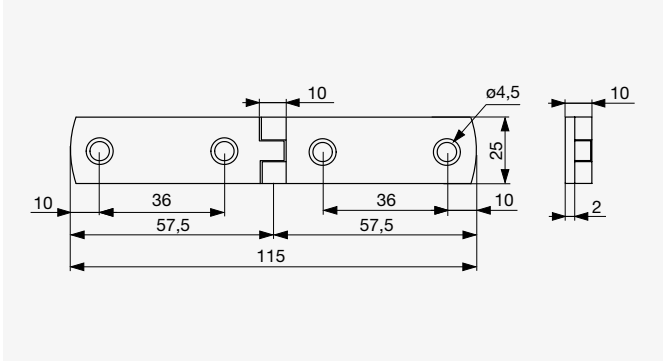
Riex NC06 Butt Flat Hinge





ⓘ **F004330**



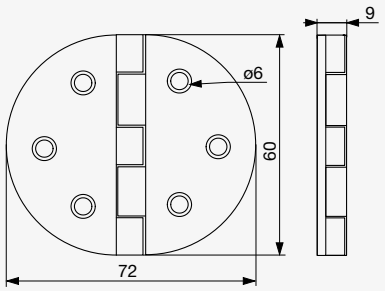


ⓘ **F004331**

Length [mm]	Code	Height [mm]	Thickness [mm]	Colour
63	**F004330**	25	2	Black
119	**F004331**			

Riex NC07 Butt Round Hinge

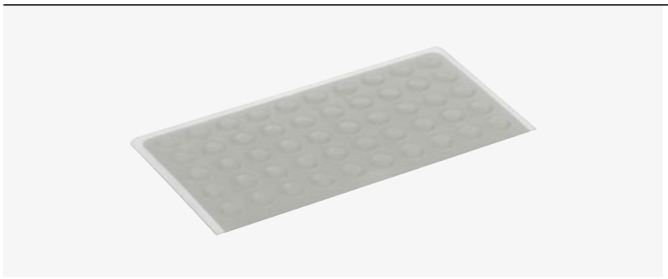


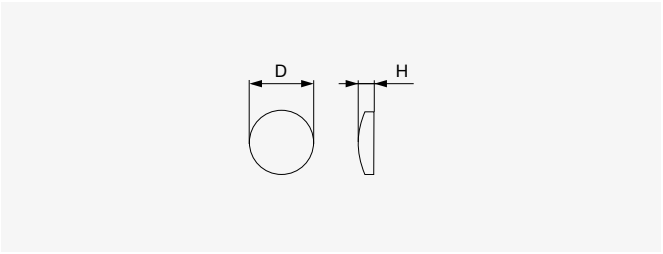


Length [mm]	Code	Height [mm]	Thickness [mm]	Colour
72	**F004332**	60	2	Black

Buffers

● IF Sheet with Door Buffers Self Adhesive

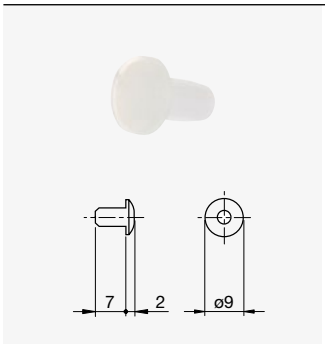


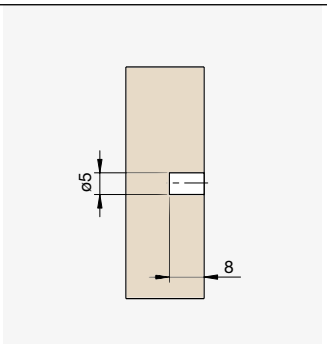


D [mm]	Code	H [mm]	Pcs on sheet
7	**F002731**	1.5	50
8	**F002732**	2	
	F002733	1.6	
10	**F002734**	1.5	
	F002735	3	

- Delivered and sold by the sheet
- Transparent colour

● IF Door Buffer for Drilling ø5 mm





Colour	Code
Transparent	**F002730**

Riex Push for Open

Riex NK50
Concealed with Buffer



Light grey



Dark grey



White

Colour	Code
Light grey	**F003031**
Dark grey	**F003032**
White	**F007585**

- In closed position possible adjust +1.5 mm / +10 mm

Riex NK55
Concealed with Magnet



Light grey



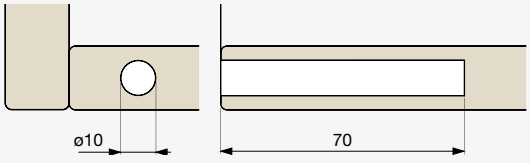
Dark grey

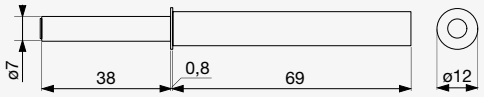


White

Colour	Code
Light grey	**F003033**
Dark grey	**F003034**
White	**F007586**

- In closed position possible adjust +2 mm / +10 mm





Riex NK50 / NK55
Adapter for External Installation



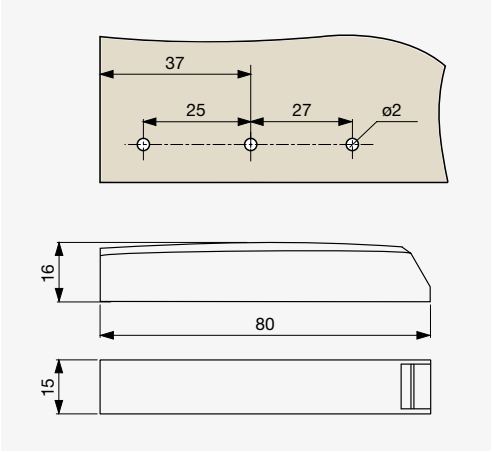
○ White



● Light grey



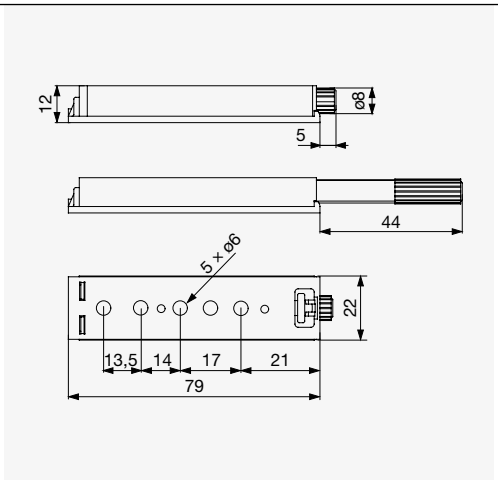
● Dark grey



Colour	Code
Light grey	F003035
Dark grey	F003036
White	F007587

Riex NK35
External with Buffer



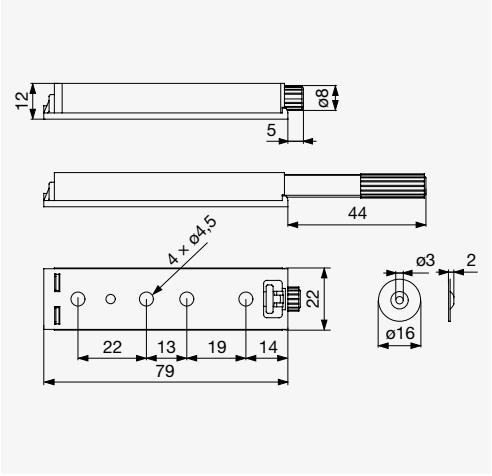


Colour	Code
Silver	F003041

- In closed position possible adjust +4.5 mm / +8 mm

Riex NK35
External with Magnet





Colour	Code
Silver	F003040

- In closed position possible adjust +4.5 mm / +8 mm

IF K Push

● IF K PUSH TECH
Concealed with Buffer



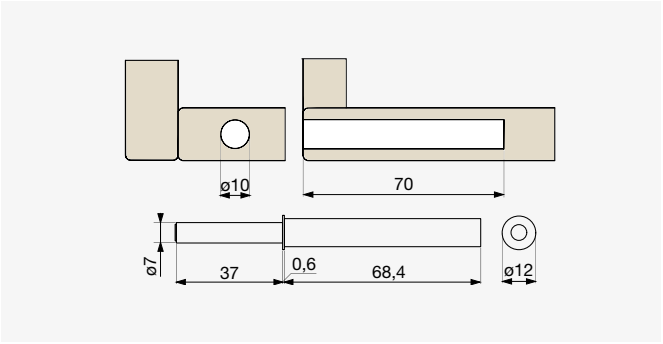
○ White

Colour	Type	Code
White	Normal	F002645
	Strong	F002647
Grey	Normal	F002646
	Strong	F002648

- In closed position possible adjust +1.5 / +8 mm



● Grey



● IF K PUSH TECH
Concealed with Magnet



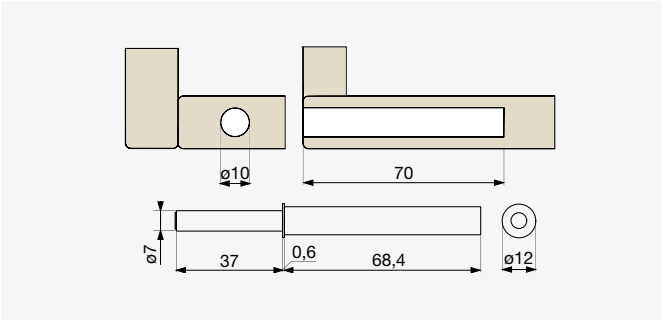
○ White

Colour	Type	Code
White	Normal	F002649
	Strong	F002651
Grey	Normal	F002650
	Strong	F002652

- 2 types of magnet counterpieces included – self adhesive and screw-in
- In closed position possible adjust +1.5 / +8 mm



● Grey



● IF K PUSH TECH
Adapter



○ Housing, white



○ Adapter plate, white



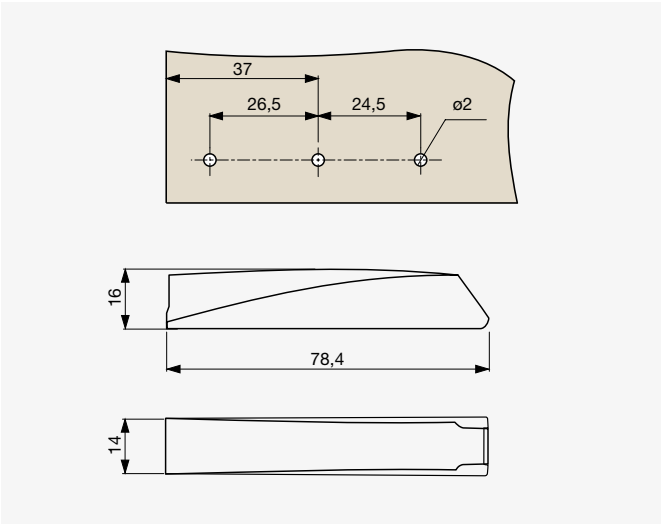
● Housing, grey



● Adapter plate, grey

Colour	Type	Code
White	Housing	**F002653**
	Adapter plate	**F002654**
Grey	Housing	**F002655**
	Adapter plate	**F003323**

- External solution needs Housing and Plate





Opening Mechanisms

Discover our wide range of opening mechanisms to meet the high demands of your customers. Our portfolio features designer mechanisms for living room or bedroom furniture and functional systems for large kitchen cabinet doors, with automatic or friction stop opening. Most of these mechanisms are compatible with Push for open systems. Choose RIEX opening mechanisms from our production or Italiana Ferramenta and Kesseböhmer – one of the top products in their class.



● **FREElift Family by Kesseböhmer** **3.3**
FREEspace 3.5
FREEflap 3.7
eTouch Accessories 3.10
FREEfold 3.11
FREEswing 3.13
FREEslide 3.15
FREElight 3.17
Maxi 3.19
Maxi Up 3.20
Duo 3.21

● **KIARO Drop-down Systems** **3.23**
IF KIARO 3.23
IF KIARO EASY 3.25

● **Piston Opening Mechanisms** **3.27**
Riex Piston Opening Mechanisms 3.27
IF Piston Opening Mechanisms 3.31

● **Other Opening Mechanisms** **3.36**

The FREElift Family from Kesseböhmer

- FREElift family encompasess various ways of opening from the Kesseböhmer brand
- **Sleek Design:** Modern and slim, the fittings blend aesthetics with advanced technology
- **Effortless Movement:** Smooth, quiet motion for wall units of various sizes and weights
- **Versatile Use:** Ideal for kitchens, bathrooms, bedrooms, and living areas
- **Space Optimization:** Slim design for maximum storage space
- **Setting:** Easy set up of various specification





FREEspace [p. 3.5]

- Flap fittings with innovative technology, function and design – slim, intricate and strong



FREEflap [p. 3.7]

- Small and strong – practical, balanced and compact



FREEfold [p. 3.11]

- Intelligent door system for space-saving folding as it moves upwards



FREEswing [p. 3.13]

- Elegant and quiet lifting for medium and large doors



FREEslide [p. 3.15]

- Diverse design possibilities thanks to doors lifting straight up



FREElight [p. 3.17]

- Versatile flap fitting combined with flap or door hinges



MAXI [p. 3.19]

- MAXI the strongest lift for a compact door



MAXI Up [p. 3.20]

- Simple solution for lid opening



DUO [p. 3.21]

- Classic solution for lift-up and drop down doors

● FREEspace



reddot design award
winner 2019

- Minimalistic design
- 4 colour variants
- Easy installation
- Intuitive and clear adjusment
- Clickfix assembly of the doors [tool-free]
- Opening angle limiter
- Door height min. 225 mm
- Door weight max. 15 kg
- Min. cabinet depth 80 mm

Package content:
- 2 FREEspace fittings [right and left]
- 2 Door brackets with 2 screws each
- 1 PTO mechanism in fitting colour [only for PTO fitting version]

Door height [mm]	Door weight* [kg]				
225	2,3–4,3	3,8–7,1	6,4–9,3	9,2–13,4	13,4–19,1
250	1,9–3,9	3,4–6,4	5,8–9,1	8,3–12,6	12,1–17,2
275	1,9–3,5	3,1–5,8	5,3–8,2	7,5–12,0	11,0–15,6
300	1,7–3,2	2,8–5,3	4,8–7,5	6,9–11,0	10,1–14,3
325	1,6–3,0	2,6–4,9	4,4–7,0	6,4–10,2	9,3–13,2
350	1,5–2,8	2,4–4,6	4,1–6,5	5,9–9,5	8,6–12,3
375	1,3–2,6	2,2–4,3	3,8–6,0	5,5–8,8	8,1–11,4
400	1,2–2,4	2,1–4,0	3,6–5,6	5,2–8,3	7,6–10,7
425	1,1–2,3	2,0–3,8	3,4–5,3	4,9–7,8	7,1–10,1
450	1,0–2,1	1,9–3,5	3,2–5,0	4,6–7,3	6,7–9,5
475	1,0–2,0	1,8–3,4	3,0–4,7	4,3–7,0	6,4–9,0
500	0,9–1,9	1,7–3,2	2,9–4,5	4,1–6,6	6,0–8,6
525	0,9–1,8	1,6–3,0	2,7–4,3	3,9–6,3	5,7–8,2
550	0,8–1,7	1,5–2,9	2,6–4,1	3,7–6,0	5,5–7,8
575	0,8–1,7	1,4–2,8	2,5–3,9	3,6–5,7	5,2–7,4
600	0,8–1,6	1,4–2,7	2,4–3,7	3,4–5,5	5,0–7,1
625	0,7–1,5	1,3–2,5	2,3–3,6	3,3–5,3	4,8–6,8
650	0,7–1,5	1,3–2,4	2,2–3,5	3,2–5,1	4,6–6,6

FOR CLASSIC HANDLE

Colour	Mini B	Mini C	Mini D	Mini E	Mini F
Nickel / grey	**F008219**	**F008225**	**F008231**	**F008235**	**F008238**
Nickel / white	**F008220**	**F008226**	**F008232**	**F008236**	**F008239**
Nickel / antracit	**F008218**	**F008224**	**F008230**	**F008234**	**F008237**
Black / black	**F008599**	**F008223**	**F008229**	**F008233**	**F008600**

FOR PUSH TO OPEN

Colour	Mini B PTO	Mini C PTO	Mini D PTO	Mini E PTO	
Nickel / grey	**F008208**	**F008211**	**F008214**	**F008216**	×
Nickel / white	**F008209**	**F008212**	**F008215**	**F008217**	×
Nickel / antracit	**F008590**	**F008210**	**F008213**	**F008594**	×
Black / black	**F008591**	**F008592**	**F008593**	**F008595**	×

* Door weight includes handle weight.

Door weight calculation:

Thickness [m] × Width [m] × Length [m] × Material density = Door weight [kg]

Material density [kg / m³]	
Chipboard	MDF
680	760



○ Nickel / white



● Nickel / grey



● Nickel / antracit



● Black / black



Guide the door into
the connecting piece ...



... and push it into
the catch mechanism



Lever position
for 90° opening



Lever position
for 107° opening



Adjusting the angle
of the door



Adjusting the horizontal
door position



Adjusting the vertical
door position



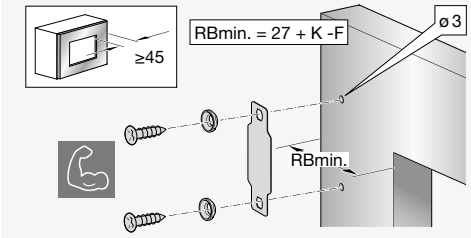
Setting the spring force

● FREEspace Front Panel Screws for ALU frame



- Door screws for wide aluminum frames [≥45 mm]
- 4 self – tapping screws and 4 special washers

Code
F008207



● FREEspace Drilling Template



- Suitable for mini and forte
- 2-in-1 drilling [for side and flap doors]

Code
F008191

● FREEflap



- Minimalistic design
- 2 colour variants
- Easy installation
- Intuitive and clear adjusment
- Door height min. 200 mm
- Door weight max. 27 kg
- Min. cabinet depth 140 mm [for version mini 120 mm]
- Opening angle 107°
- Multi-position-stop function

Package content:
- 2 FREEflap fittings [right and left]
- 2 covers for the fittings [right and left]
- 2 Door connecting plates
- Drilling template [paper]

For Push To Open function we recommend
Italiana Ferramenta K Push strong version – p. 2.47.

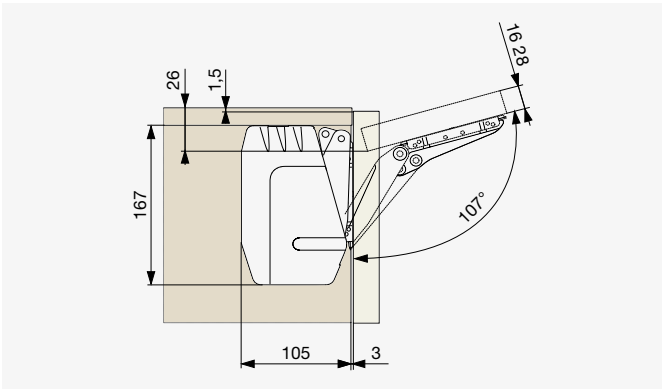
Compatible with the eTouch mechanism – p. 3.10.

● FREEflap Mini





● Grey ○ White



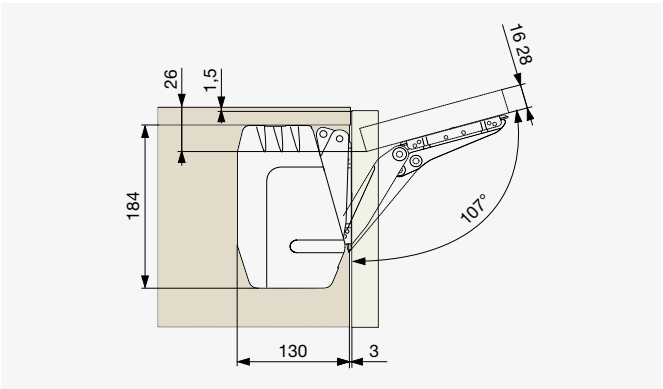
ⓘ FREEflap Mini

● FREEflap Forte





● Grey ○ White



ⓘ FREEflap Forte

Door weight calculation:

Thickness [m] × Width [m] × Length [m] × Material density = Door weight [kg]

Material density [kg / m³]	
Chipboard	MDF
680	760

Door height [mm]	Door weight* [kg]	Door weight for PTO [kg]	Colour	
			Grey	White
200	1,7–4,6	×	F008097	F008098
	3,7–7,9	×	F008099	F008100
	6,8–14,7	×	F008101	F008102
200–225	1,5–4,1	×	F008097	F008098
	3,1–7,1	×	F008099	F008100
	6,0–13,1	×	F008101	F008102
225–250	1,3–3,8	×	F008097	F008098
	2,9–6,4	×	F008099	F008100
	5,4–11,8	×	F008101	F008102
250–275	1,2–3,3	1,3–3,8	F008097	F008098
	2,5–5,7	2,9–6,4	F008099	F008100
	4,8–10,6	5,4–11,8	F008101	F008102
275–300	1,1–3,1	1,2–3,3	F008097	F008098
	2,4–5,1	2,5–5,7	F008099	F008100
	4,4–9,6	4,8–10,6	F008101	F008102
300–325	1,0–2,8	1,1–3,1	F008097	F008098
	2,1–4,6	2,4–5,1	F008099	F008100
	4,0–8,8	4,4–9,6	F008101	F008102
325–350	0,9–2,6	1,0–2,8	F008097	F008098
	2,0–4,2	2,1–4,6	F008099	F008100
	3,7–8,1	4,0–8,8	F008101	F008102
	5,2–11,0	×	F008087	F008088
	6,7–14,3	×	F008089	F008090
	10,1–21,4	×	F008091	F008092
	13,5–27,3	×	F008093	F008094
350–375	0,9–2,3	0,9–2,6	F008097	F008098
	1,9–3,8	2,0–4,2	F008099	F008100
	3,5–7,5	3,7–8,1	F008101	F008102
	4,9–10,2	×	F008087	F008088
	6,3–13,1	×	F008089	F008090
	9,4–19,8	×	F008091	F008092
	12,5–25,2	×	F008093	F008094
375–400	0,8–2,1	0,9–2,3	F008097	F008098
	1,7–3,6	1,9–3,8	F008099	F008100
	3,2–7,0	3,5–7,5	F008101	F008102
	4,7–9,6	×	F008087	F008088
	5,9–12,4	×	F008089	F008090
	8,9–18,6	×	F008091	F008092
	11,8–23,3	×	F008093	F008094
400–425	0,7–1,9	0,8–2,1	F008097	F008098
	1,5–3,4	1,7–3,6	F008099	F008100
	2,9–6,5	3,2–7,0	F008101	F008102
	4,4–9,0	4,7–9,6	F008087	F008088
	5,6–11,6	5,9–12,4	F008089	F008090
	8,3–17,4	8,9–18,6	F008091	F008092
	11,0–21,8	11,8–23,3	F008093	F008094

Door height [mm]	Door weight* [kg]	Door weight for PTO [kg]	Colour	
			Grey	White
425–450	0,6–1,7	×	F008097	F008098
	1,4–3,2	×	F008099	F008100
	2,7–6,1	×	F008101	F008102
	4,1–8,4	4,7–9,6	F008087	F008088
	5,2–10,9	5,9–12,4	F008089	F008090
	7,8–16,3	8,9–18,6	F008091	F008092
	10,4–20,5	11,8–23,3	F008093	F008094
450–475	3,9–8,0	4,1–8,4	F008087	F008088
	4,9–10,3	5,2–10,9	F008089	F008090
	7,4–15,4	7,8–16,3	F008091	F008092
	9,8–19,3	10,4–20,5	F008093	F008094
475–500	3,7–7,5	4,1–8,4	F008087	F008088
	4,7–9,7	5,2–10,9	F008089	F008090
	7,0–14,6	7,8–16,3	F008091	F008092
	9,2–18,3	10,4–20,5	F008093	F008094
500–525	3,5–7,1	3,7–7,5	F008087	F008088
	4,4–9,2	4,7–9,7	F008089	F008090
	6,6–13,9	7,0–14,6	F008091	F008092
	8,8–17,3	9,2–18,3	F008093	F008094
525–550	3,3–6,8	3,7–7,5	F008087	F008088
	4,2–8,8	4,7–9,7	F008089	F008090
	6,3–13,2	7,0–14,6	F008091	F008092
	8,3–16,5	9,2–18,3	F008093	F008094
550–575	3,2–6,5	3,3–6,8	F008087	F008088
	4,0–8,4	4,2–8,8	F008089	F008090
	6,0–12,5	6,3–13,2	F008091	F008092
	8,0–15,6	8,3–16,5	F008093	F008094
575–600	3,0–6,2	3,3–6,8	F008087	F008088
	3,8–8,0	4,2–8,8	F008089	F008090
	5,7–12,0	6,3–13,2	F008091	F008092
	7,6–15,0	8,3–16,5	F008093	F008094
600–625	2,8–5,9	3,0–6,2	F008087	F008088
	3,6–7,6	3,8–8,0	F008089	F008090
	5,4–11,5	5,7–12,0	F008091	F008092
	7,2–14,4	7,6–15,0	F008093	F008094
625–650	2,6–5,6	3,0–6,2	F008087	F008088
	3,4–7,3	3,8–8,0	F008089	F008090
	5,3–11,0	5,7–12,0	F008091	F008092
	6,9–14,0	7,6–15,0	F008093	F008094

Kesseböhmer models

F008097	F008098	Mini A
F008099	F008100	Mini B
F008101	F008102	Mini C
F008087	F008088	Forte D
F008089	F008090	Forte E
F008091	F008092	Forte F
F008093	F008094	Forte G

* Door weight includes handle weight.

● FREEflap eTouch – Spare Cover Right + Left



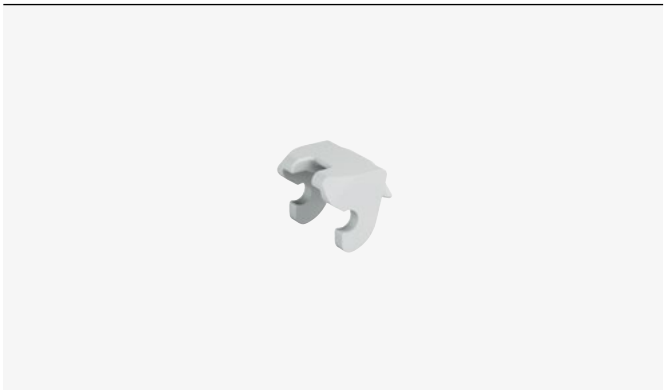
Colour	Code
Grey	F008083
White	F008084

● FREEflap Drilling Template



Code
F008082

● FREEflap Mini Opening Angle Limiter 90°, Grey



Code
F008103

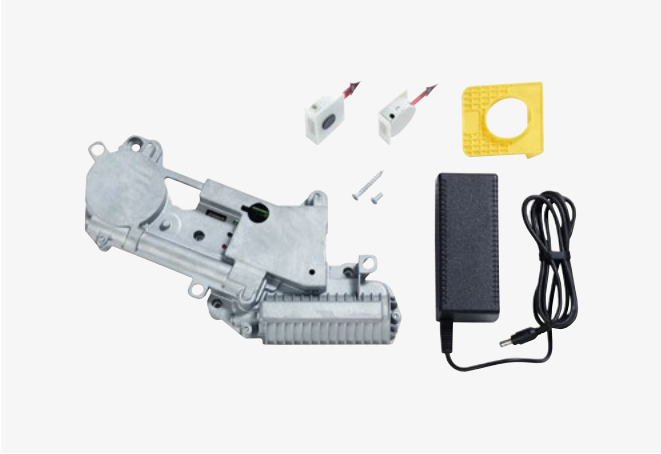
● FREEflap Adapter for 20 mm Aluminium Frame



Code
F008105

eTouch Accessories

● eTouch Drive Unit Set for FREEfold, FREEswing, FREEslide



Set eTouch Drive Unit FREEfold / FREEswing / FREEslide:
- 1× drive unit with screws
- 1× power supply
- 2× radio sensor
- 1× drilling template KS for sensors
- 1× strain relief clip
- 1× ferrite

Code
F008144

● eTouch Drive Unit Set for FREEflap



Set eTouch Drive Unit FREEflap:
- 1× drive unit with screws
- 1× power supply
- 2× radio sensors
- 1× drilling template KS for sensors
- 1× strain relief clip
- 1× ferrite

Code
F008104

● eTouch Power Cable



Type	Code
Europlug type C	F008080
UK type G	F008081

● FREEfold

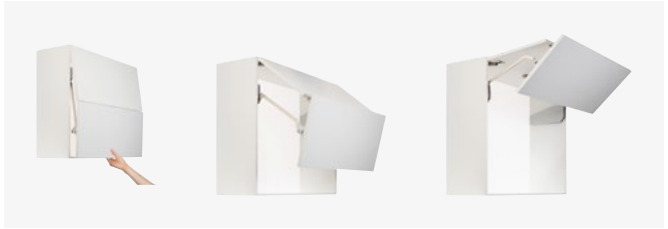


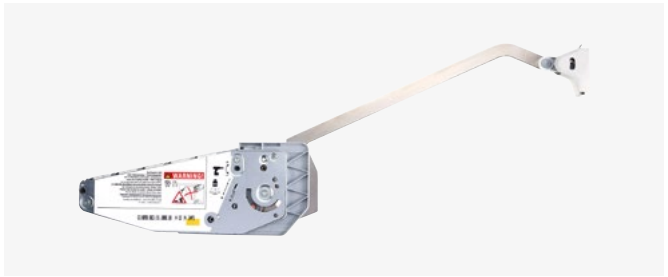
- Best movement properities in its class
- Minimalistic design
- Easy installation
- Intuitive and clear adjusment
- Multi-position-stop function
- Central safety hinges prevent fingers from becoming trapped

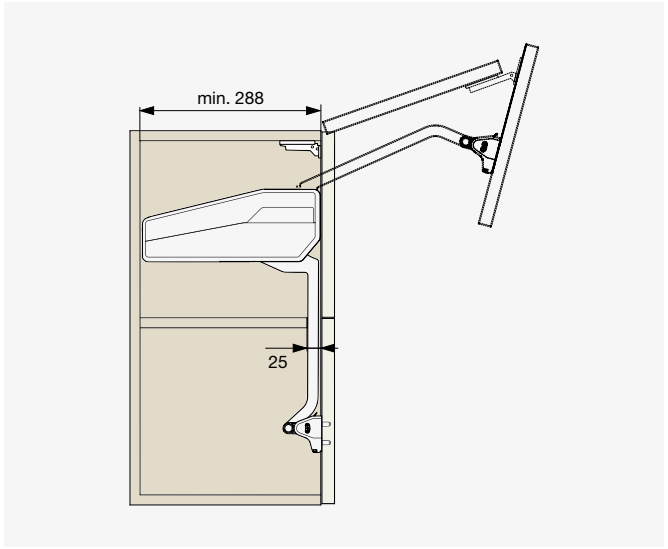
Package content:
- 2 FREEfold fittings [right and left]
- 2 Door brackets
- Drilling template [paper]

Fitting FREEfold must be combined with cup hinges e.g. NC40 or others.

Compatible with the eTouch mechanism – p. 3.10.







Cabinet height [mm]	Door weight* [kg]	Code
580–650	4,3–8,8	**F008122**
650–730	3,9–7,9	**F008126**
	5,8–11,6	**F008127**
	9,5–18,7	**F008128**
710–790	3,5–7,2	**F008129**
	5,2–10,3	**F008130**
	8,7–17,2	**F008131**
770–840	4,9–9,8	**F008133**

* Door weight includes handle weight.

Door weight calculation:

Thickness [m] × Width [m] × Length [m] × Material density = Door weight [kg]

Material density [kg / m³]	
Chipboard	MDF
680	760

● FREEfold Set Of Covers Right + Left



Colour	Type	Code
Grey	Standard	**F008108**
	eTouch	**F008110**
White	Standard	**F008109**
	eTouch	**F008111**
Anthracite	Standard	**F008603**

● FREEfold Drilling Template



Code
F008106

● FREEfold Adapters for Aluminium Frame [2 pcs]



Code
F008143

● FREEfold Central Hinge

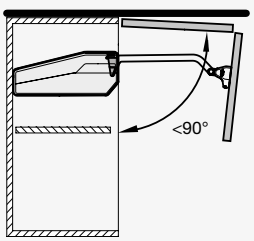


Code
F008357

● FREEfold Opening Angle Limiter, Grey



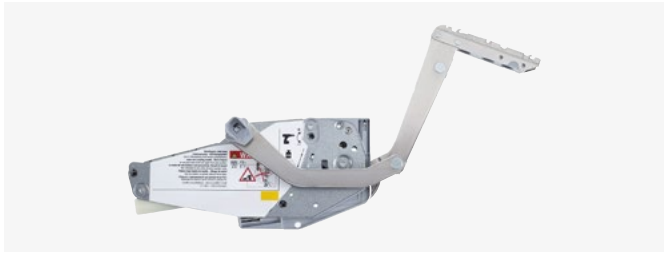
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F008107

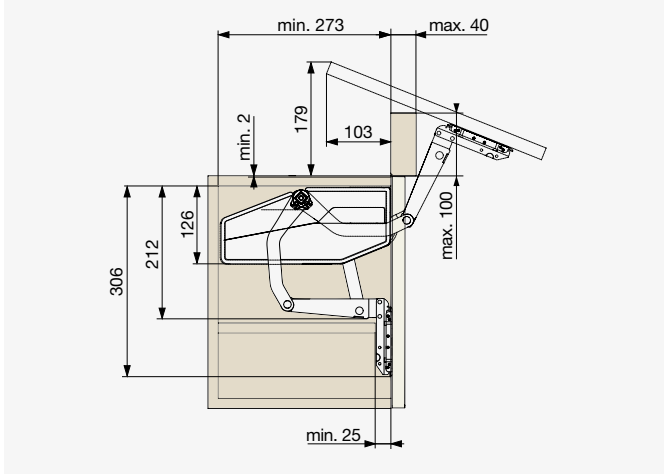


● FREEswing









- Ideal for medium and large doors
- Unlimited access to stored items
- Intuitive and clear adjusment
- Multi-position-stop function
- Easy installation
- Patented soft opening and closing
- Compatible with eTouch system

Package content:
- 2 FREEswing fittings [right and left]
- 2 Door brackets
- 2 sleeves for Connecting Rod
- Drilling template [paper]

Compatible with the eTouch mechanism – p. 3.10.

For classic handle

Door height [mm]	Door weight* [kg]	Code	Model
370	3,4–6,5	F008248	S4sw
400	3,3–6,3		
450	3,2–6,1		
500	3,0–5,8		
670	5,7–11,3	F008250	S6sw
700	5,6–11,1		
750	5,4–10,7		
800	5,3–10,3		

* Door weight includes handle weight.

Door weight calculation:

Thickness [m] × Width [m] × Length [m] × Material density = Door weight [kg]

Material density [kg / m³]	
Chipboard	MDF
680	760

● eTouch Replacement Lever Arm Left



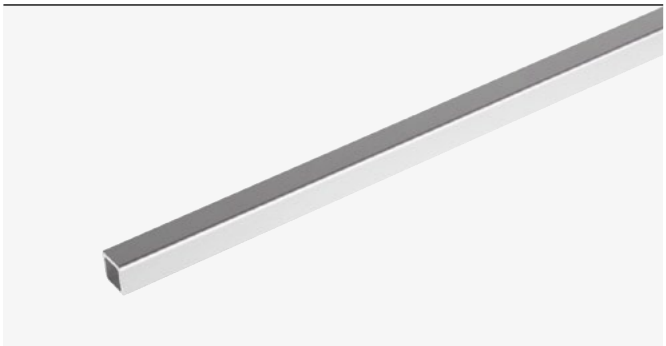
Code
F008244

● FREEswing Set of Covers Right + Left



Colour	Type	Code
Grey	Standard	**F008242**
	eTouch	**F008240**
White	Standard	**F008243**
	eTouch	**F008241**
Anthracite	Standard	**F008604**

● FREEswing Connecting Rod



Type	Cabinet width* [mm]	Rod length [mm]	Code
Standard	450	324	**F008180**
	600	474	**F008182**
	900	774	**F008184**
	1600	1474	**F008178**
eTouch	600	449	**F008188**

*** Wall thickness 16–19 mm.**

● FREEswing Adapters for Aluminium Frame



Code
F008105

● FREEslide

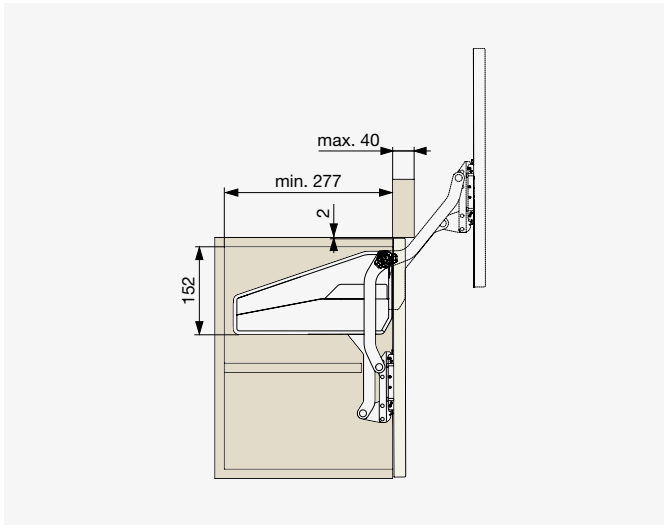


- Easy installation
- Intuitive and clear adjusment
- Multi-position-stop function
- Soft opening and closing
- Ideal for tall cabinets
- Easy access to cabinet
- Compatible with eTouch system

Package content:
- 2 FREEslide fittings [right and left]
- 2 Door brackets
- 2 Sleeves for Connecting Rod
- Drilling template [paper]

Compatible with the eTouch mechanism – p. 3.10.





Cabinet height [mm]	Door weight* [kg]	Code
430–600	1,6–3,3	**F008172**
	2,6–5,5	**F008173**
	5,0–9,7	**F008174**
	7,4–14,6	**F008175**

* Door weight includes handle weight.



Door weight calculation:

Thickness [m] × Width [m] × Length [m] × Material density = Door weight [kg]

Material density [kg / m³]	
Chipboard	MDF
680	760

● FREEslide Set of Covers Right + Left



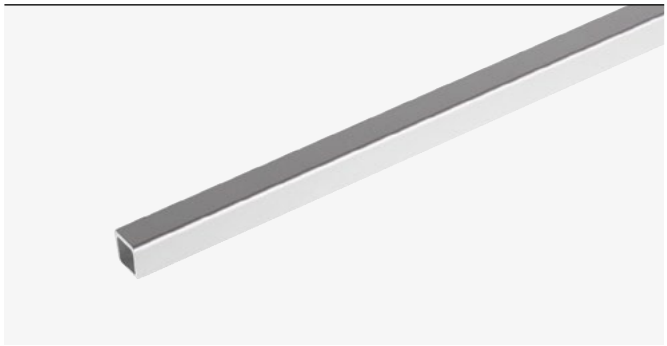
Colour	Type	Code
Grey	Standard	**F008153**
	eTouch	**F008155**
White	Standard	**F008154**
	eTouch	**F008156**

● FREEslide Adapters for Aluminium Frame



Code
F008105

● FREEslide Connecting Rod



Type	Cabinet width* [mm]	Rod length [mm]	Code
Standard	450	324	**F008180**
	600	474	**F008182**
	900	774	**F008184**
	1600	1474	**F008178**
eTouch	600	449	**F008188**

* Wall thickness 16–19 mm.

● eTouch Replacement Lever Arm LEFT



Cabinet height [mm]	Code
430–600	**F008160**

● FREElight



- Minimalistic design
- Easy installation
- Clickfix assembly of the door [tool-free]
- Fitting can be installed left or right
- Multi-position-stop function

Package content:
- 1× fitting
- 1× cover cap left
- 1× cover cap right
- 1× door bracket [for wood and euro screws]
- 1× cabinet bracket [for wood and euro screws]
- 1× cabinet bracket [for wood and euro screws]
- 1× adjustment key

Fitting FREElight must be combined with cup hinges e.g. NC70, NC40 or others.

For Push To Open function we recommend Italiana Ferramenta K Push strong version – p. 2.47.

For classic handle

Door height [mm]	Opening angle			Colour
	75°	90°	110°	White
	Door weight* [kg]			
275	×	2,8–3,8	1,9–2,8	F008146
	×	3,5–6,0	2,6–4,3	F008148
	×	5,8–10,5	4,2–7,1	F008152
300	2,7–4,6	2,2–3,4	1,1–2,4	F008146
	4,1–8,1	3,3–5,7	2,4–4,1	F008148
	6,7–12,5	5,2–9,0	4,0–7,0	F008152
350	2,6–4,2	2,1–2,9	1,1–2,1	F008146
	3,8–6,5	2,7–4,9	2,1–3,7	F008148
	6,2–10,9	4,8–8,0	3,6–6,4	F008152
400	2,3–3,3	1,6–2,3	1,1–1,7	F008146
	3,0–5,8	2,3–4,6	1,7–3,2	F008148
	5,6–10,2	4,3–7,9	3,2–5,5	F008152
450	2,2–3,1	1,3–2,2	1,0–1,6	F008146
	2,7–4,6	2,0–3,8	1,6–2,8	F008148
	5,5–9,7	3,8–6,3	2,8–5,5	F008152
500	1,7–2,8	1,2–2,0	1,0–1,4	F008146
	2,3–4,6	1,7–3,4	1,3–2,5	F008148
	4,6–8,5	3,4–6,0	2,5–4,5	F008152
550	1,6–2,6	1,2–1,9	0,8–1,3	F008146
	2,2–4,2	1,7–3,0	1,3–2,2	F008148
	4,1–6,6	3,0–5,1	2,2–3,9	F008152
600	1,2–2,3	0,9–1,6	0,7–1,2	F008146
	2,1–3,9	1,6–3,0	1,2–2,2	F008148
	3,9–6,0	3,0–4,7	2,2–4,3	F008152

For Push To Open

Door height [mm]	Opening angle			Colour
	75°	90°	110°	White
	Door weight* [kg]			
300	×	×	1,5–2,1	F008148
	×	×	2,1–3,0	F008150
	×	×	2,7–4,1	F008152
350	2,6–3,6	1,7–2,5	1,5–2,1	F008148
	3,1–5,3**	2,1–3,2	1,9–2,7	F008150
	4,7–6,6**	3,0–4,0	2,6–3,7	F008152
400	2,3–3,1	1,3–1,9	1,1–1,5	F008148
	3,1–5,1	1,9–3,0	1,5–2,5	F008150
	4,3–6,6	2,8–4,0	2,2–3,5	F008152
450	1,8–2,6	1,1–1,5	1,0–1,3	F008148
	2,6–4,0**	1,5–2,6	1,3–2,3	F008150
	3,6–5,6**	2,2–3,2	2,0–2,9	F008152
500	1,6–2,3	×	×	F008148
	2,3–3,6	1,4–2,4	1,2–1,7	F008150
	3,3–4,9	2,0–2,9	1,6–2,7	F008152
550	1,5–2,1	×	×	F008148
	2,1–3,6	1,3–2,2	1,2–1,7	F008150
	3,1–4,6	1,8–2,8	1,5–2,3	F008152
600	1,4–2,0	×	×	F008148
	2,0–3,2	1,3–1,7	1,2–1,5	F008150
	2,7–4,2	1,5–2,5	1,3–2,1	F008152

* Door weight includes handle weight.
** Required PTO mechanism with magnet.

Door weight calculation:

Thickness [m] × Width [m] × Length [m] × Material density = Door weight [kg]

Material density [kg / m³]	
Chipboard	MDF
680	760



ⓘ Door bracket either with euro screws or wood screws

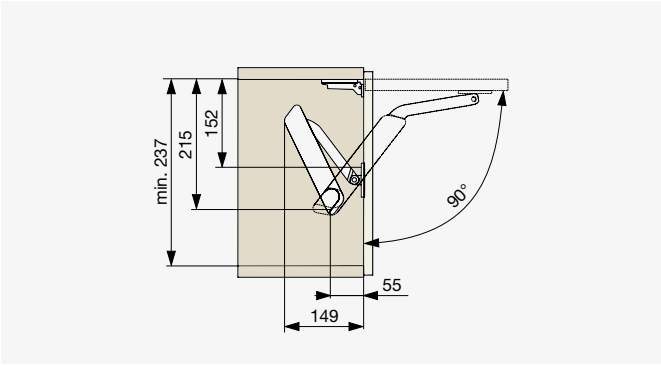


ⓘ Cabinet bracket either with euro screws or wood screws





ⓘ Set lift force in steps using an adjustment key



● FREElight – Adapters for Aluminium Frame [2 pcs]



Code
F008143

Fitting FREElight for Push To Open must be combined with PTO mechanism e.g. Riex NK55 or others.

● MAXI



- Minimalistic design
- Lifts up to 27,3 kg door weight
- Clickfixx for easy door installation
- Multi-position-stop function
- Easy installation

Fitting MAXI lift must be combined with cup hinges e.g. NC70, NC40 or others.

For Push To Open function we recommend Italiana Ferramenta K Push strong version – p. 2.47.

For cabinets wider than 600 mm always use 2 sets of fittings. In this case, the load capacity of the fitting is added together.

Door height [mm]	Opening angle			Code	Model
	75°	90°	110°		
	Door weight per 1 fitting* [kg]				
300	11,9–21,0	9,1–15,8	6,8–11,6	**F008256**	C
	15,4–27,3	11,9–20,8	9,2–15,0	**F008257**	D
400	8,9–15,8	6,9–11,9	5,1–8,7	**F008256**	C
	11,6–20,5	8,9–15,6	6,9–11,2	**F008257**	D
500	7,2–12,5	5,5–9,6	4,0–7,1	**F008256**	C
	9,4–16,2	7,2–12,5	5,7–9,0	**F008257**	D
600	5,9–10,6	4,6–7,9	3,3–5,9	**F008256**	C
	7,6–13,7	6,0–10,4	4,5–7,6	**F008257**	D
700	5,0–8,8	3,8–6,6	2,9–4,8	**F008256**	C
	6,5–11,4	4,9–8,7	3,8–6,2	**F008257**	D
800	4,4–7,9	3,4–5,9	2,6–4,3	**F008256**	C
	5,7–10,4	4,4–7,8	3,4–5,6	**F008257**	D
900	4,0–7,0	3,0–5,2	2,3–3,8	**F008256**	C
	5,2–9,1	3,9–6,9	3,0–5,0	**F008257**	D
1000	3,6–6,3	2,7–4,7	2,0–3,5	**F008256**	C
	4,6–8,2	3,6–6,2	2,7–4,5	**F008257**	D

* Door weight includes handle weight.

Door weight calculation:

Thickness [m] × Width [m] × Length [m] × Material density = Door weight [kg]

Material density [kg / m³]	
Chipboard	MDF
680	760

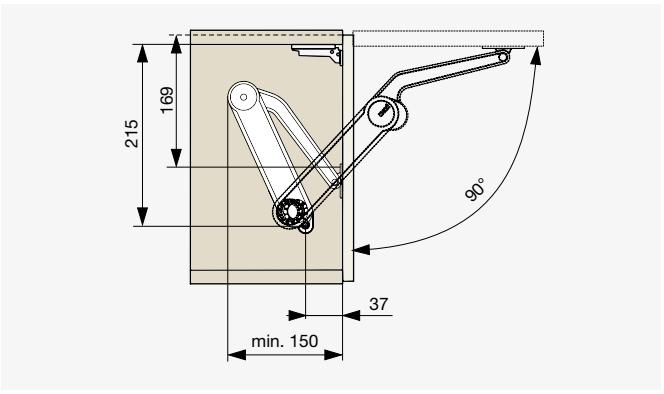




○ White
Model C



● Black
Model D



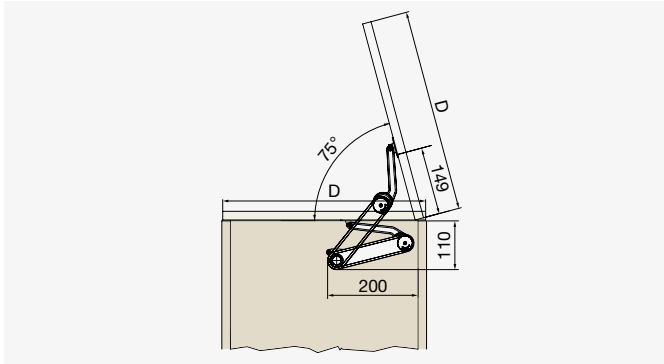
● MAXI Up



Lid depth D [mm]	Lid weight 1 MAXI Up [kg]	Code	Opening angle
400	5,2–9,4		
500	4,3–7,5	1× F008259	
600	4,0–6,7		75°
400	10,4–18,8		
500	8,6–15,0	2× F008259	
600	8,0–13,4		

For cabinet wider than 600 mm, always use 2 MAXI Up fittings.
Fitting MAXI Up lift must be combined with hinges, for example **F000001**.

MAXI must be installed on cabinet bracket **F010347**
and door bracket **F010348** [not included].



● Mounting Bracket for Cabinet



Code
F010347

● Mounting Bracket for Door



Code
F010348

● DUO



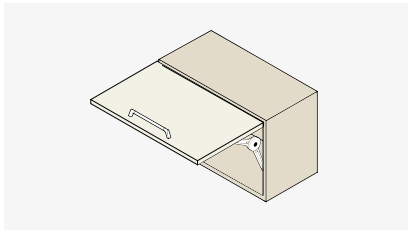
- 3 opening angles – 75°, 90°, 110°
- Door height max. 500 mm
- Door weight max. 6 kg
- Min. cabinet depth 135 mm
- Installation on the right or left side of the cabinet
- Applications for lift-up flaps and dropdown doors
- Multi-position-stop function
- After 200 cycles it is recommended to tighten the central screw of the mechanism

Package content:
- 1 fitting
- 1 cabinet bracket
- 1 door bracket

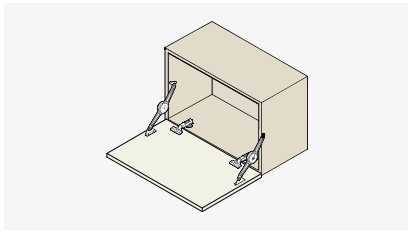
Fitting DUO must be combined with cup hinges e.g. NC70, NC40 or others.

For Push To Open function we recommend to use mechanism Riex NK55 / NK50 – p. 2.45.

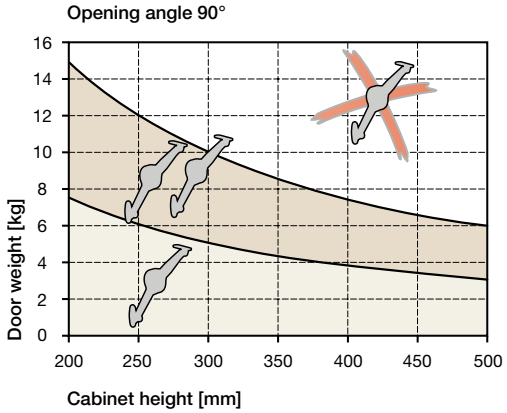
Opening angle	Code
75°, 90°, 110°	**F008075**

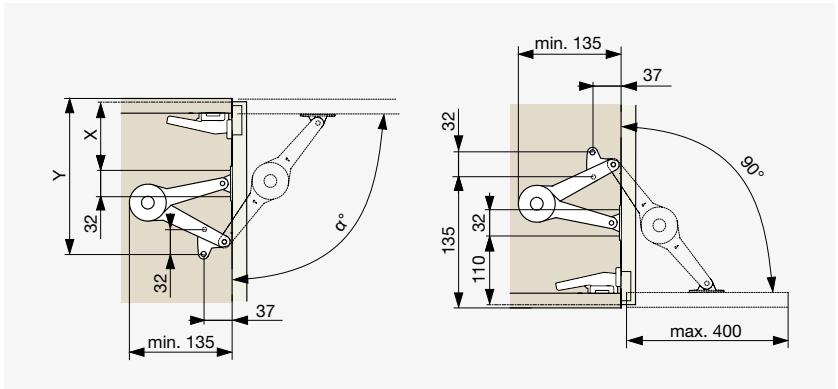


ⓘ Lift-up application



ⓘ Dropdown application





Mounting dimensions:

Opening angle α	X [mm]	Y [mm]
75°	132	160
90°	90	160
110°	92	128



KIARO Drop-Down Systems

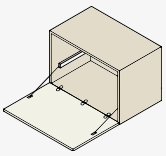
● IF KIARO Set

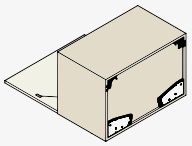


KIARO is an opening system for drop down doors with a concealed mechanism which allows to adjust the settings depending on door weight and dimension.

Features and benefits:
- Minimal and elegant design
- Two-side mechanism – the same mechanism can be installed both on right and left side
- Easy installation







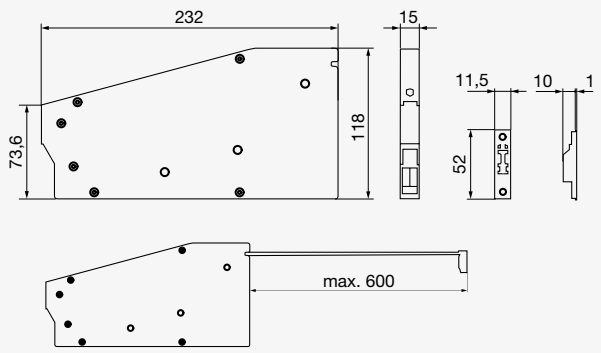


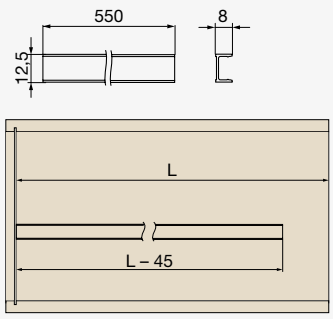


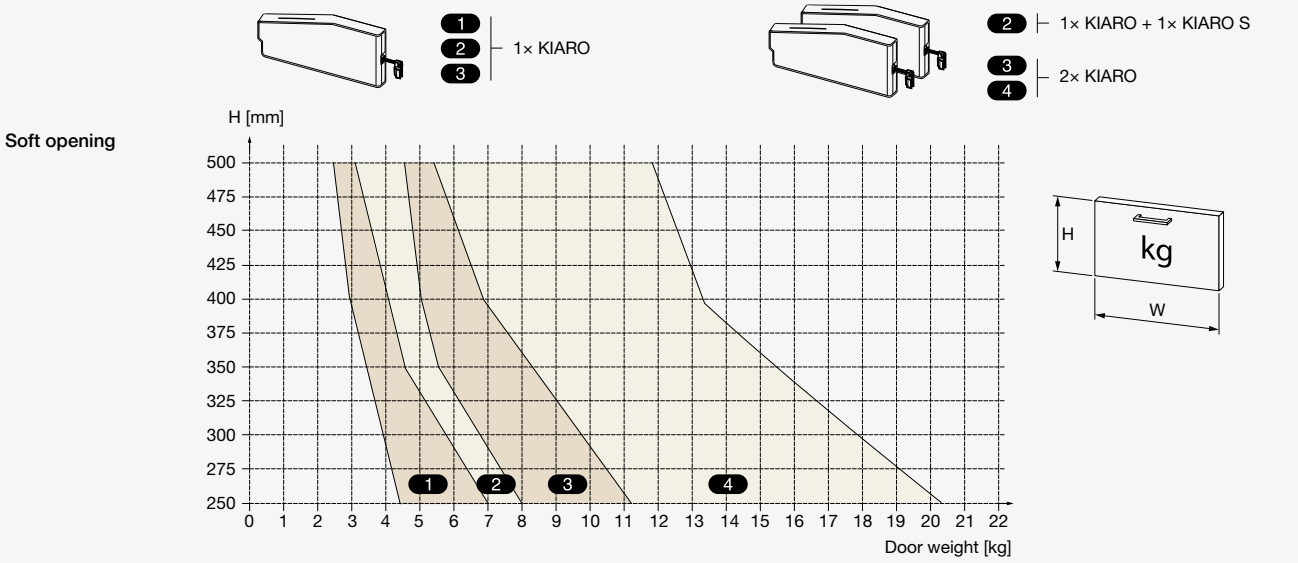


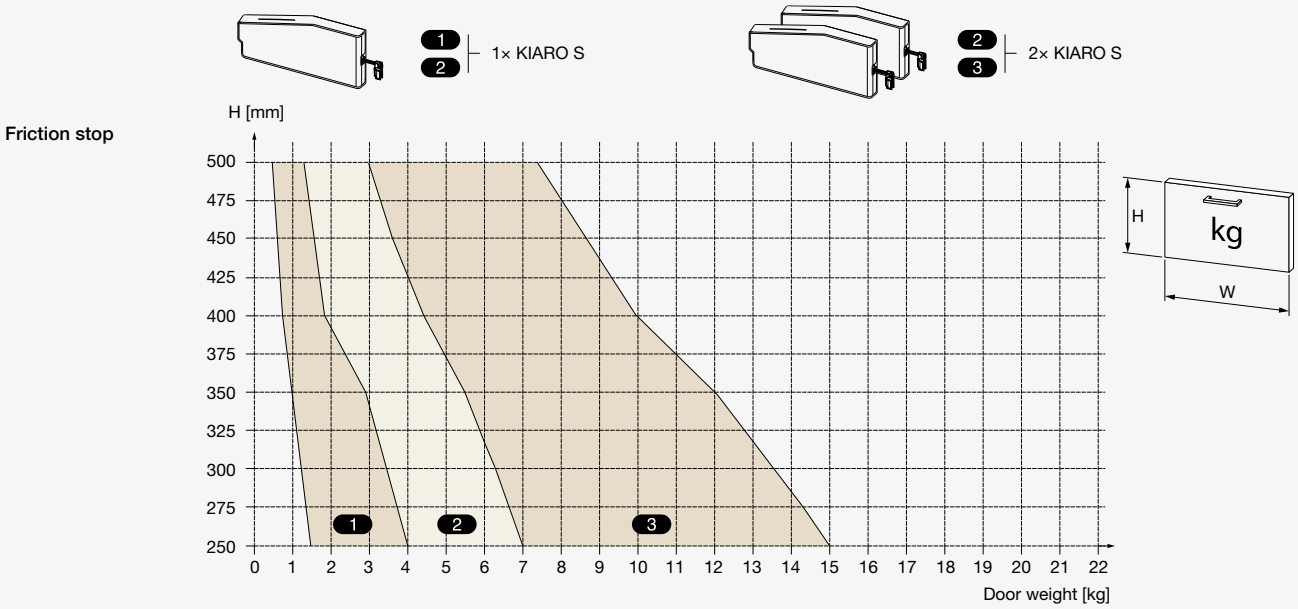
Package content:
- KIARO mechanism
- Profile 550 mm
- Visible and concealed brackets
- Connection accessories

Colour	Model	Code	Length [mm]
Light grey [T Met 9007]	KIARO	**F002683**	550
	KIARO S [soft]	**F002685**	







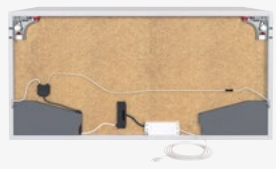


● IF KIARO Equipment for LED



Electric components for integration with customers LED lighting:

- Cables
- Opening sensor



Type	Code
KIARO equipment for LED	**F002684**

● IF KIARO EASY Set



KIARO Easy is an elegant opening system for drop-down opening doors defined by minimalist shapes and distinctively smooth movement.

Features and benefits:
- Minimalist design
- Universal mechanism that can be mounted on both sides
- Simple adjustment of the mechanism force and opening angle
- Wide range of door opening dimensions
- Two types of brackets in the package

Package content:
- KIARO EASY mechanism
- Visible and concealed brackets
- Connection accessories



● Anthracite

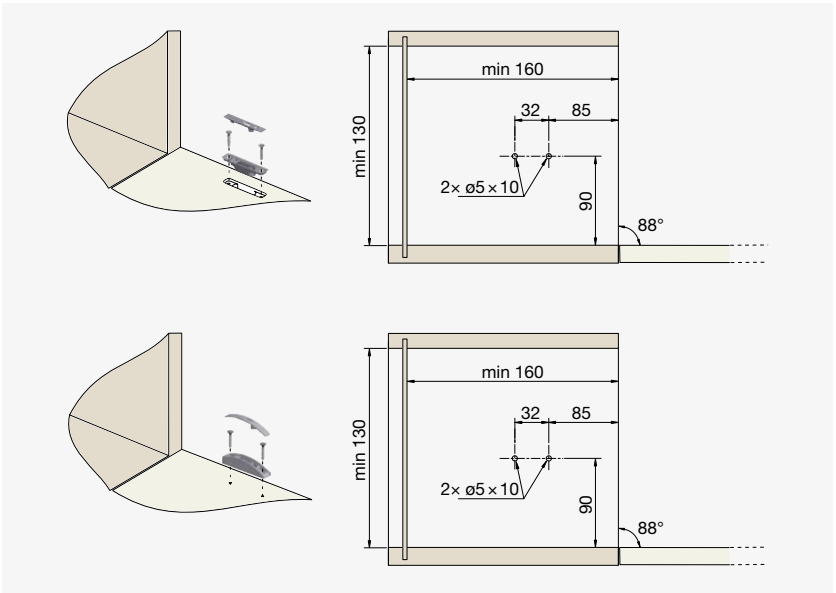


● Light grey



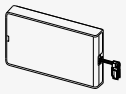


Colour	Model	Code
Anthracite	Soft	**F004522**
	Strong	**F005224**
Light grey	Soft	**F005223**
	Strong	**F005498**

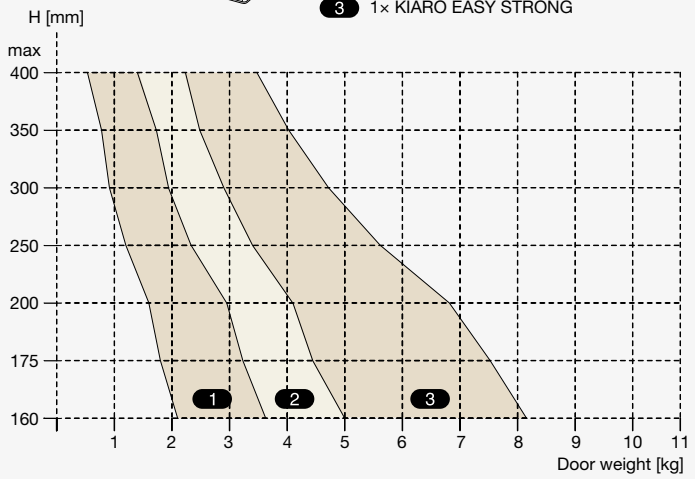


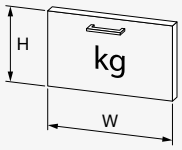


Single KIARO EASY

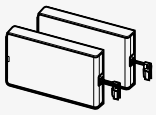


1 1× KIARO EASY SOFT
2 1× KIARO EASY SOFT OR STRONG
3 1× KIARO EASY STRONG

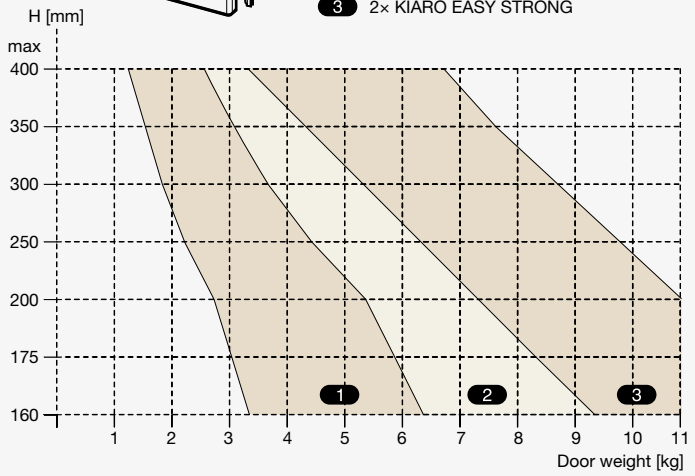


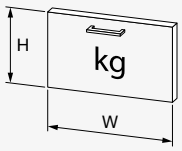


Double KIARO EASY



1 2× KIARO EASY SOFT
2 2× KIARO EASY SOFT OR STRONG
3 2× KIARO EASY STRONG

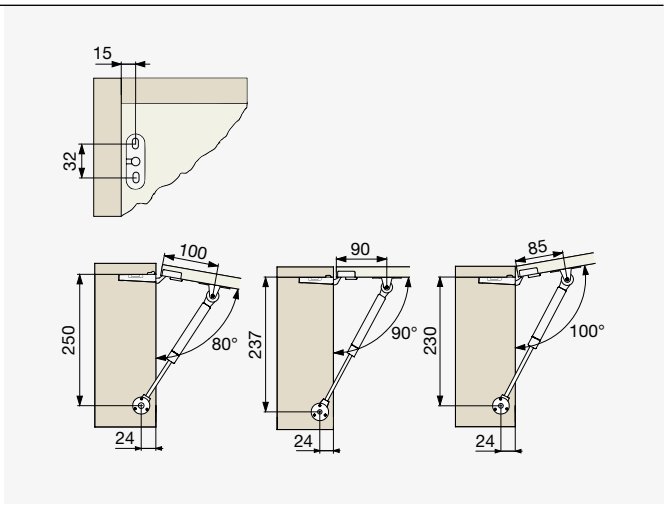




Piston Opening Mechanisms

Riex NV22 Lift-Up Automatic Piston 245 mm





● Silver



○ White

- Length 245 mm
- Doors will open to max position
- In combination with hinge with or without spring

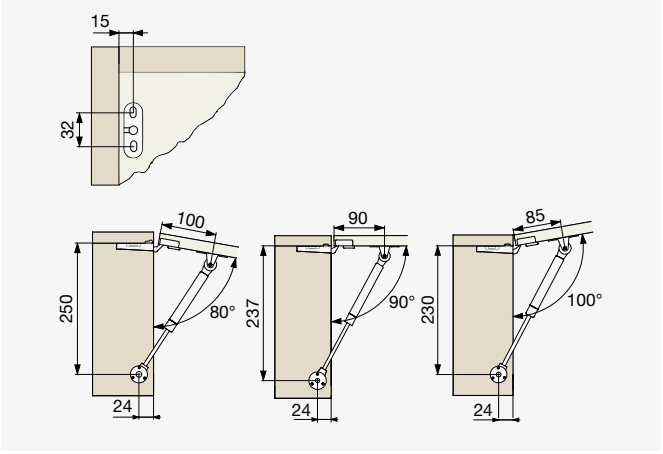
Force [N]	Silver	White
30	**F000345**	**F000350**
60	**F000346**	**F000351**
80	**F000347**	**F000352**
100	**F000348**	**F000353**
120	**F000349**	**F000354**

Door width [mm]	Door height [mm]					
	300	350	400	450	500	550
300	1 × 30 N [1–1.3 kg]	1 × 30 N [1.3–1.5 kg]	1 × 60 N [1.5–1.7 kg]	1 × 60 N [1.7–1.9 kg]	1 × 80 N [1.9–2.1 kg]	1 × 80 N [2.1–2.2 kg]
400	1 × 60 N [1.5–1.7 kg]	1 × 80 N [1.7–2 kg]	1 × 80 N [2–2.2 kg]	1 × 100 N [2.2–2.4 kg]	1 × 100 N [2.4–2.7 kg]	1 × 120 N [2.7–2.9 kg]
500	1 × 60 N [1.8–2.1 kg]	1 × 80 N [2.1–2.4 kg]	1 × 100 N [2.4–2.7 kg]	1 × 100 N [2.7–3 kg]	1 × 120 N [3–3.3 kg]	1 × 120 N [3.3–3.6 kg]
600	1 × 80 N [2.2–2.5 kg]	1 × 80 N [2.5–2.9 kg]	1 × 100 N [2.9–3.3 kg]	2 × 60 N [3.3–3.6 kg]	2 × 80 N [3.6–4 kg]	2 × 80 N [4–4.3 kg]
700	1 × 80 N [2.6–3 kg]	1 × 100 N [3–3.4 kg]	2 × 60 N [3.4–3.8 kg]	2 × 60 N [3.8–4.2 kg]	2 × 80 N [4.2–4.6 kg]	2 × 100 N [4.6–5.1 kg]
800	1 × 100 N [2.9–3.4 kg]	2 × 60 N [3.4–3.9 kg]	2 × 60N [3.9–4.3 kg]	2 × 80 N [4.3–4.8 kg]	2 × 100N [4.8–5.3 kg]	2 × 100 N [5.3–5.8 kg]
900	1 × 100 N [3.3–3.8 kg]	2 × 60 N [3.8–4.3 kg]	2 × 60 N [4.3–4.9 kg]	2 × 80 N [4.9–5.4 kg]	2 × 100 N [5.4–6kg]	2 × 100 N [6–6.5 kg]
1000	2 × 60 N [3.6–4.2 kg]	2 × 60 N [4.2–4.8 kg]	2 × 80 N [4.8–5.4 kg]	2 × 100 N [5.4–6 kg]	2 × 100 N [6–6.6 kg]	2 × 120 N [6.6–7.2 kg]

The weight in table means the weight of used doors [including handle].

Riex NV33 Lift-Up Friction Stop Piston 245 mm





● Silver



○ White

- Length 245 mm
- Doors will stop during opening in all positions
- In combination with hinge with or without spring

Force [N]	Silver	White
60	**F000356**	**F000360**
80	**F000357**	**F000361**
100	**F000358**	**F000362**
120	**F000359**	**F000363**

Door width [mm]	Door height [mm]				
	350	400	450	500	550
450	1 × 60 N [1.6–2 kg]	1 × 80 N [1.8–2.4 kg]	1 × 80 N [2.1–2.4 kg]	1 × 100 N [2.4–2.6 kg]	1 × 100 N [2.6–2.9 kg]
600	1 × 80 N [2–2.8 kg]	1 × 80 N [2.4–2.9 kg]	1 × 100 N [2.9–3.3 kg]	2 × 60 N [3.3–3.6 kg]	2 × 80 N [3.6–4 kg]
800	1 × 100 N [2.8–3.7 kg]	2 × 60 N [2.9–3.5 kg]	2 × 60 N [3.9–4.3 kg]	2 × 80 N [4.3–4.8 kg]	2 × 100 N [4.8–5.3 kg]
1000	2 × 60 N [3.7–4.5 kg]	2 × 80 N [3.5–4.8 kg]	2 × 80 N [4.8–5.4 kg]	2 × 100 N [5.4–6 kg]	2 × 100 N [6–6.6 kg]

The weight in table means the weight of used doors [including handle].

Riex NV22 / NV33 Cover for Lift-Up Pistons



● Silver



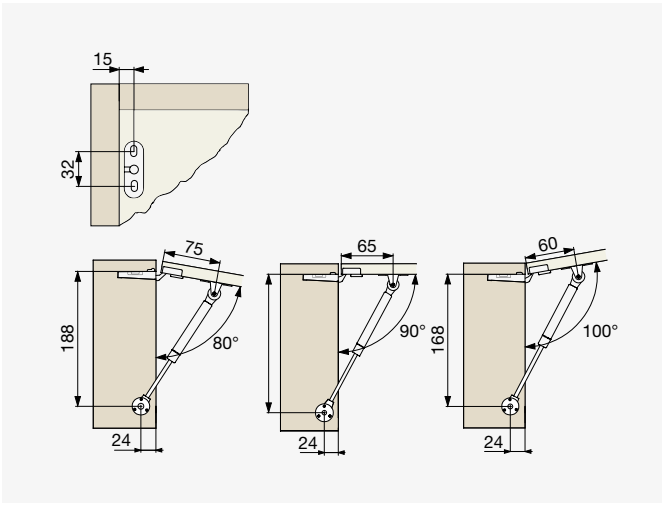
○ White

- Easy instalation
- Cover the whole rod on piston

Colour	Code
Silver	**F002905**
White	**F002904**

Riex NV10 Lift-Up Automatic Piston 180 mm



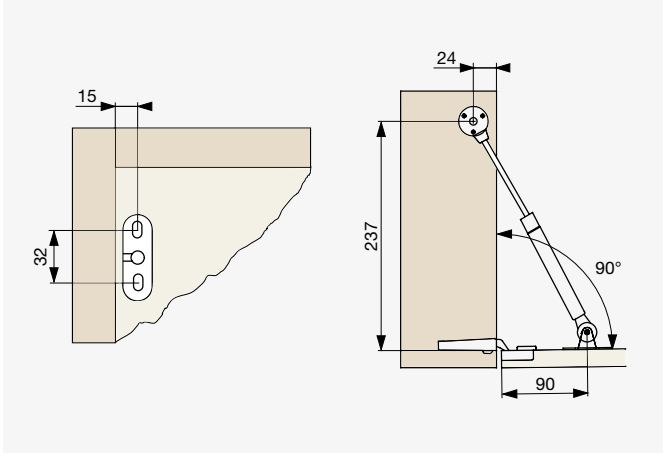


- Length 180 mm
- For doors 230–350 mm
- Max weight of the door 3.5 kg

Force [N]	Colour	Code
80	Silver	F000366

Riex NV15 Drop-Down Pistons 245 mm





● Silver



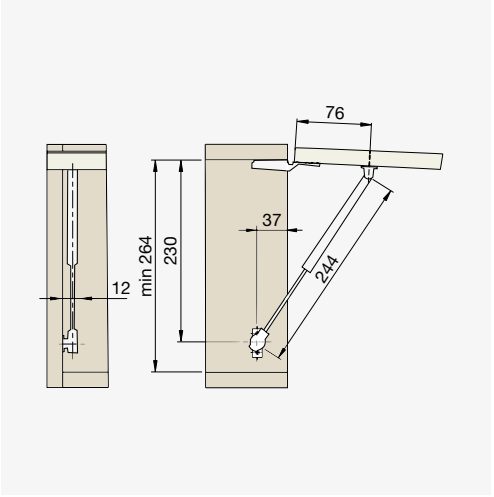
○ White

- Length 245 mm

Force [N]	Silver	White
80	F000364	F000365

● IF K12 Lift-Up Piston Automatic 244 mm





- Registered design
- Minimal design and elegance in all details
- Easy to install
- 3 powers in offer

Force [N]	Silver
50	**F002667**
80	**F002668**
100	**F002669**

Door width [mm]	Door height [mm]				
	300	**350**	**400**	**450**	**500**
200–400	1 × 50 N [1 kg]	1 × 50 N [1 kg]	1 × 50 N [1 kg]	1 × 50 N [1 kg]	1 × 50 N [1 kg]
300–600	1 × 80 N [1.5–2 kg]	1 × 80 N [1.5 kg]	1 × 80 N [1.5 kg]	2 × 50 N [1.5–2.5 kg]	2 × 50 N [1.5–2 kg]
500–800	2 × 50 N [2–3 kg]	2 × 50 N [1.5–2.5 kg]	2 × 50 N [1.5–2.5 kg]	2 × 80 N [2.5–4.5 kg]	2 × 80 N [2–3.5 kg]
800–1600	2 × 80 N [3–6.5 kg]	2 × 80 N [2.5–5.5 kg]	2 × 80 N [2.5–4.5 kg]	2 × 80 N [2.5–4.5 kg]	2 × 100 N [3.5–5 kg]
800–1600	2 × 100 N [7–7.5 kg]	2 × 100 N [5.5–6.5 kg]	2 × 100 N [4.5–5.5 kg]	× ×	× ×

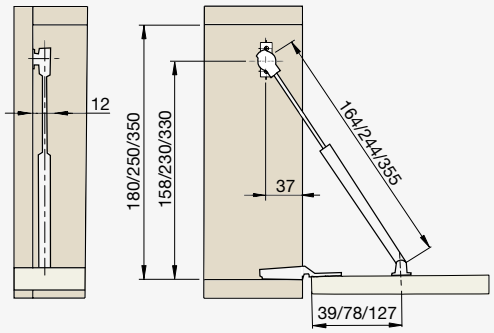
The weight in table means the weight of used doors [including handle].



● IF K12 Drop-Down Piston



- Registered design
- Minimal design and elegance in all details
- Easy to install
- 3 lengths in offer

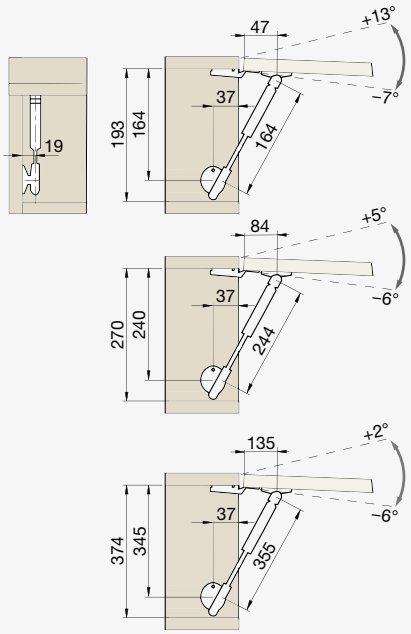


Length [mm]	Code	Height of the door [mm]
164	**F002670**	200–300
244	**F002671**	290–500
355	**F002672**	390–600



● IF Kraby Lift-Up Piston, Friction Stop





Length [mm]	Force [N]	Code
164	45	**F002673**
	60	**F002674**
244	45	**F002675**
	60	**F002676**
	90	**F002677**
355	60	**F002678**
	90	**F002679**



L = 164 mm

Door width [mm]	Door height [mm]	
	230–274	275–325
250–350	1 × 45 N [1–2 kg]	1 × 60 N [1–2 kg]
400–800	2 × 45 N [2–5 kg]	2 × 45 N [2–3.5 kg]
800–1600	2 × 60 N [6–7.5 kg]	2 × 60 N [3.5–5.5 kg]

The weight in table means the weight of used doors [including handle].

L = 244 mm

Door width [mm]	Door height [mm]				
	300	350	400	450	500
200–400	1 × 45 N [1–2 kg]	1 × 45 N [1–1.5 kg]	1 × 45 N [1–1.5 kg]	1 × 60 N [1–2 kg]	2 × 45 N [1–3 kg]
300–600	1 × 60 N [2–3 kg]	1 × 60 N [1.5–2.5 kg]	1 × 60 N [1.5–2.5 kg]	2 × 45 N [2–3.5 kg]	2 × 60 N [3–5.5 kg]
500–800	2 × 45 N [3–6 kg]	2 × 45 N [2.5–4.5 kg]	1 × 45 N [2.5–4 kg]	2 × 60 N [3.5–6.5 kg]	2 × 90 N [5.5–7 kg]
800–1600	2 × 60 N [6–9.5 kg]	2 × 60 N [4.5–8 kg]	2 × 60 N [4–7.5 kg]	2 × 90 N [6.5–9.5 kg]	2 × 120 N [7–8.5 kg]

The weight in table means the weight of used doors [including handle].

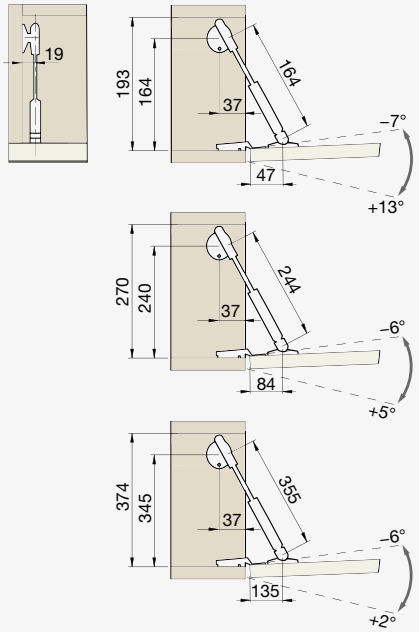
L = 355 mm

Door width [mm]	Door height [mm]					
	400	450	500	550	600	700
200–400	2 × 45 N [1–8.5 kg]	2 × 45 N [1–7.5 kg]	2 × 45 N [1–7.5 kg]	2 × 45 N [1–5.5 kg]	2 × 45 N [1–5.5 kg]	2 × 45 N [1–3.5 kg]
300–600	2 × 60 N [8.5–13 kg]	2 × 60 N [7.5–11.5 kg]	2 × 60 N [7.5–11.5 kg]	2 × 60 N [5.5–9.5 kg]	2 × 60 N [5.5–8.5 kg]	2 × 60 N [3.5–7.5 kg]
500–800	× ×	2 × 90 N [11.5–13 kg]	2 × 90 N [11.5–13 kg]	2 × 90 N [9.5–13 kg]	2 × 90 N [8.5–13 kg]	2 × 90 N [7.5–9.5 kg]

The weight in table means the weight of used doors [including handle].

● IF Kraby Drop-Down Piston





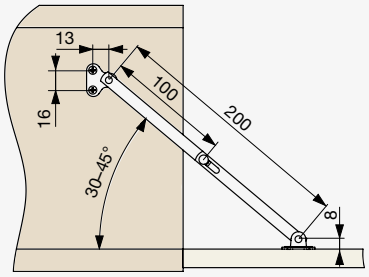
Length [mm]	Code	Height of the door [mm]
164	**F002680**	200–284
244	**F002681**	280–500
355	**F002682**	380–600



Other Opening Mechanism

Riex NV05 Folding Arm







Length [mm]	Code
200	F003571

CONTENT

Handles, Knobs, Profiles and Hooks

Functional for some, decorative for others. Our handles, knobs, profiles, and hangers will surprise you not only with their durability but, above all, with their wide range of shapes, colours and textures. In the next section, you'll find all-time classics and new colours: green matte and burgundy, which bring new possibilities for colour combinations in the interior.



● **Overview of Handles, Knobs, Profiles and Hooks** **4.3**

● **Metal Handles and Knobs** **4.9**

● **Porcelain Handles and Knobs** **4.65**

● **Plastic Handles and Knobs** **4.69**

● **Wooden Handles and Knobs** **4.71**

● **Screw-On and Drive-In Profiles** **4.79**

● **Gola Profiles** **4.83**
RiexTouch XG20 Gola L Shape 4.84
RiexTouch XG20 Gola C Shape 4.86
RiexTouch XG20 Gola Accessories 4.88
RiexTouch XG10 Gola 4.89

● **Hooks** **4.91**

Overview of Handles, Knobs, Profiles and Hooks


XH01 Handle 4.10


XH14 Handle 4.10


XH63 Handle 4.11


XH12 Handle 4.11


XH03 Handle 4.12


XH05 Handle 4.12


XH10 Handle 4.13


XH35 Handle 4.13


XH44 Handle 4.14


XH19 Handle 4.14


XH70 Handle 4.15


XH43 Handle 4.15


XH08 Handle 4.16


XH45 Handle 4.16


XH36 Handle 4.17


XH40 Handle 4.17


XH47 Handle 4.18


XH24 Handle 4.18


XH22 Handle 4.19


XH28 Handle 4.19

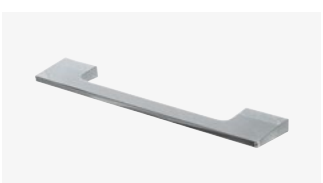

XH07 Handle 4.20

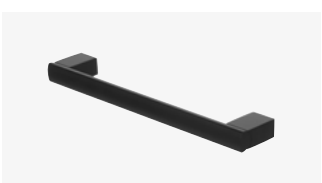

XH32 Handle 4.20


XH02 Handle 4.21


XH42 Handle 4.21


XH31 Handle 4.22

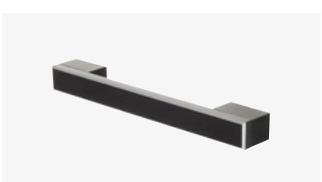

XH30 Handle 4.22


XH06 Handle 4.23

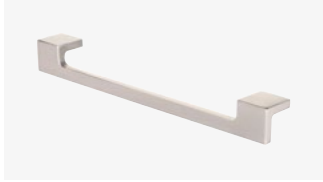

XH26 Handle 4.23


XH23 Handle 4.24


XH18 Handle 4.24


XH25 Handle 4.25


XH20 Handle 4.25


XH29 Handle 4.25


XH11 Handle 4.26


XH16 Handle 4.26


XH13 Handle 4.27


XR19 Handle 4.27


XR20 Handle 4.27


XH64 Handle 4.28


XH21 Handle 4.28


XH46 Handle 4.29


XH27 Handle 4.29


XZ09 Handle 4.30


XZ11 Handle 4.30


XZ04 Handle 4.31


XZ03 Handle 4.31


XZ02 Handle 4.32


XZ01 Handle 4.32


XZ10 Handle 4.33


XZ05 Handle 4.33


XZ06 Handle 4.34


XZ07 Handle 4.34


XZ08 Handle 4.35


XZ12 Handle 4.35

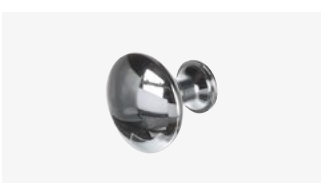

XK01 Knob 4.36


XH63 Knob 4.36

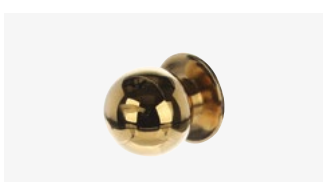

XK02 Knob 4.37


XK11 Knob 4.37


XK05 Knob 4.37


XK03 Knob 4.38


XK12 Knob 4.38


XK13 Knob 4.39


XK15 Knob 4.39


XK08 Knob 4.39

Overview of Handles, Knobs, Profiles and Hooks

CONTENT


XV28 Knob 4.40


XK14 Knob 4.40


XK16 Knob 4.41


XK09 Knob 4.41


ECONOMY
XH04 Handle 4.42


ECONOMY
XH09 Handle 4.42


ECONOMY
XH33 Handle 4.43


ECONOMY
XH34 Handle 4.43


ECONOMY
XH37 Handle 4.44


ECONOMY
XK10 Knob 4.44


ECONOMY
XK07 Knob 4.45


ECONOMY
XK06 Knob 4.45


XH60 Handle 4.46


XH60 Knob 4.46


XH59 Handle 4.47


XH59 Knob 4.47


XH62 Handle 4.48


XH62 Knob 4.48


XH49 Handle 4.49


XH49 Knob 4.49


XH54 Handle 4.50


XH52 Handle 4.50


XR31 Handle 4.51


XR31 Knob 4.51

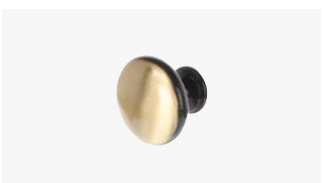

XR24 Handle 4.52

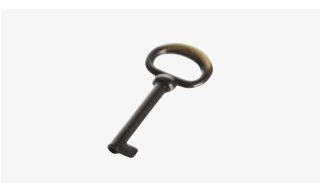

XR24 Knob 4.52

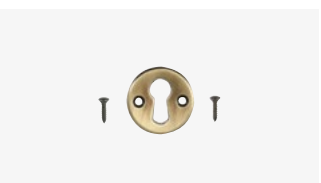

XH53 Handle 4.53

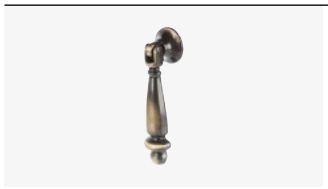

XR25 Handle 4.53


XR30 Handle 4.54


XR30 Knob 4.54


XR30 Key 4.55


XR30 Shields 4.55


XR30 Knob 4.55


XR32 Handle 4.56


XR23 Handle 4.56


XR16 Handle 4.57


XR16 Knob 4.57


XR16 Knob 4.58


XR16 Knob 4.58


XR04 Handle 4.59


XR05 Handle 4.59


XR15 Handle 4.60


XH48 Handle 4.60


XR27 Handle 4.61


XR27 Knob 4.61


XR26 Handle 4.62


XR26 Knob 4.62


XH51 Handle 4.63


XH50 Handle 4.63


XZ13 Handle 4.64


XK19 Knob 4.64


XR21 Handle 4.66


XR22 Knob 4.66

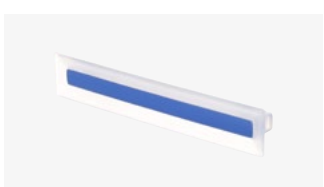

XR28 Handle 4.67


XR28 Knob 4.67

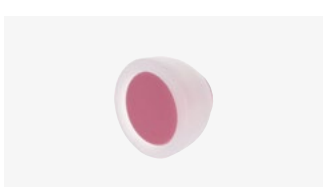

XR29 Handle 4.68

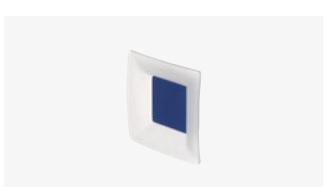

XR29 Knob 4.68


XD01 Handle 4.69


XD02 Handle 4.69


XD02 Knob 4.70


XD03 Knob 4.70


XD04 Knob 4.70


XT10 Handle 4.72


XT07 Handle 4.72

CONTENT

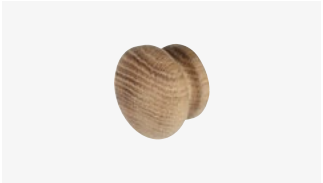

XT13 Handle 4.73


XT08 Handle 4.73


XT09 Handle 4.74

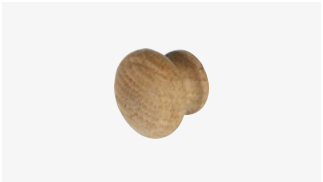

XT14 Handle 4.74


XT12 Handle 4.74


XT01 Knob 4.75


XT04 Knob 4.75


XT02 Knob 4.76


XT03 Knob 4.76


XT05 Knob 4.77


XT11 Knob 4.77


XT06 Knob 4.77


XT10 Knob 4.78


Mounting Template 4.78


XP01 Screw Profile 4.80


XP41 Drive-In Profile 4.80


XP45 Drive-In Profile 4.81


XP60 Drive-In Profile 4.81


XP63 Drive-In Profile 4.82


XP65 Drive-In Profile 4.82


XG20 Gola L 4.84


XG20 Gola 4.85


XG20 Gola C 4.86


XG20 Gola 4.87


XG20 Gola 4.88


XG10 Gola 4.89


XG10 Gola 4.90


XG10 Gola 4.90


XV23 Hook 4.92


XV01 Hook 4.92


XV14 Hook 4.93


XK09 Hook 4.93



XV25 Hook 4.93



XV34 Hook 4.94



XV33 Hook 4.94



XV28 Hook 4.94



XV44 Hook 4.95



XV45 Hook 4.95



XV38 Hook 4.96



XV35 Hook 4.96



XV32 Hook 4.97



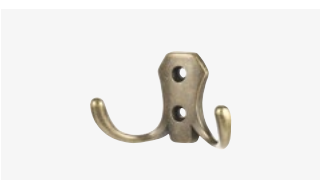
XV21 Hook 4.97



XV19 Hook 4.98



XV04 Hook 4.98



XV03 Hook 4.99

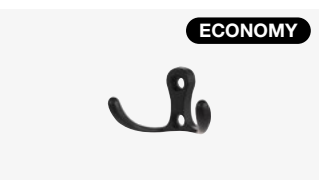


XV07 Hook 4.99



XV05 Hook 4.100

ECONOMY



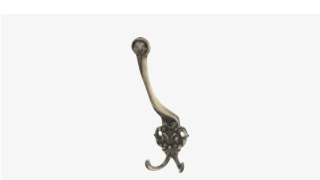
XV02 Hook 4.100



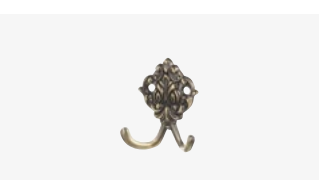
XV11 Hook 4.101



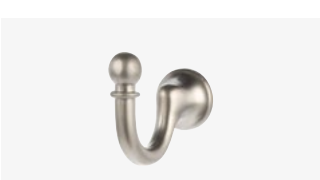
XV09 Hook 4.101



XV31 Hook 4.102



XV30 Hook 4.102

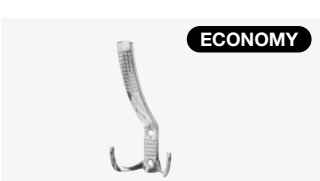


XV24 Hook 4.103



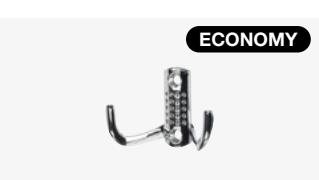
XV13 Hook 4.103

ECONOMY



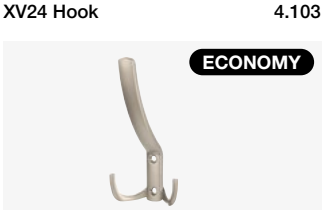
XV08 Hook 4.104

ECONOMY



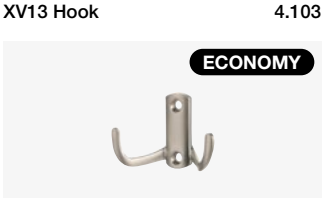
XV06 Hook 4.104

ECONOMY

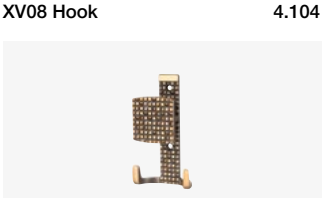


XV12 Hook 4.105

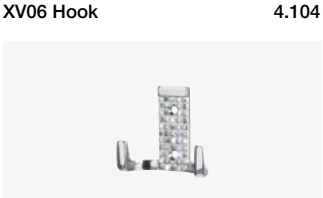
ECONOMY



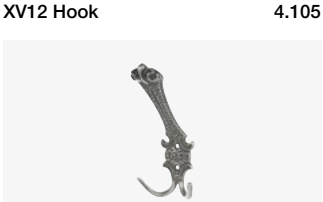
XV10 Hook 4.105



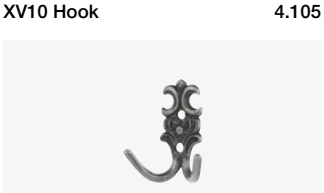
XV39 Hook 4.106



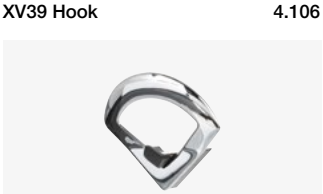
XV40 Hook 4.106



XV42 Hook 4.107



XV41 Hook 4.107



XV43 Hook 4.108

Metal Handles and Knobs



RiexTouch XH01 Handle





● Matt black



● Matt chrome



● Matt nickel

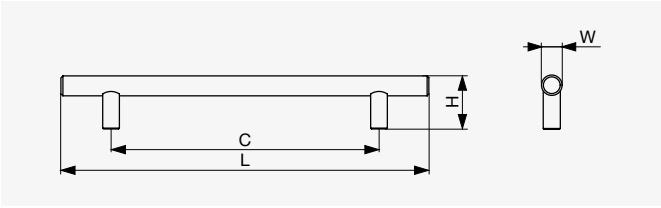


● Stainless steel*



● Polished chrome

The same design knob on p. 4.36.



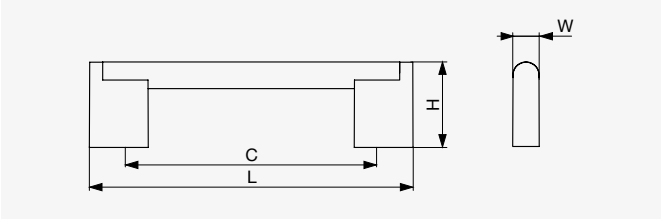
● Brushed nickel

C [mm]	Brushed nickel	Matt black	Matt chrome	Matt nickel	Stainless steel*	Polished chrome	L [mm]	H [mm]	W [mm]	Material
96	F001584	F001648	F001632	F001600	F001664	F001616	136	32	12	Steel / *Stainless steel
128	F001585	F001649	F001633	F001601	F001665	F001617	168			
160	F001586	F001650	F001634	F001602	F001666	F001618	200			
192	F001587	F001651	F001635	F001603	F001667	F001619	232			
224	F001588	F001652	F001636	F001604	F001668	F001620	264			
256	F001589	F001653	F001637	F001605	F001669	F001621	296			
288	F001590	F001654	F001638	F001606	F001670	F001622	328			
320	F001591	F001655	F001639	F001607	F001671	F001623	360			
384	F001593	F001657	F001641	F001609	F001673	F001625	424			
448	F001595	F001659	F001643	F001611	F001675	F001627	488			
512	F001597	F001661	F001645	F001613	F001677	F001629	552			
576	F001599	F001663	F001647	F001615	F001679	F001631	616			

*Stainless steel version is hollow. **Stainless stell version = L + 20 mm.**

RiexTouch XH14 Handle



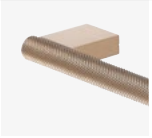


● Stainless steel

C [mm]	Stainless steel	L [mm]	H [mm]	W [mm]	Material
128	F002261	153	35	15	Stainless steel
160	F002262	185			
192	F002263	217			
224	F002264	249			
256	F002265	281			
320	F002266	345			

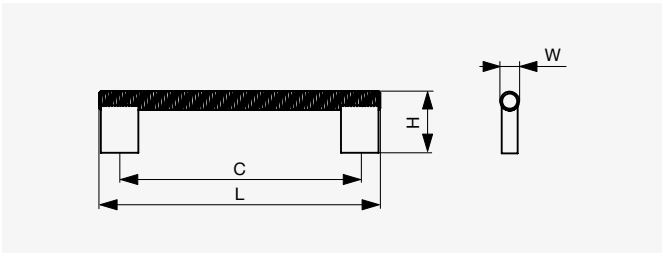
RiexTouch XH63 Handle





● Matt gold

The same design knob on p. 4.36.



● Matt black

C [mm]	Matt black	Matt gold	L [mm]	H [mm]	W [mm]	Material
96	F008313	F008319	118			
128	F008314	F008320	150			
160	F008315	F008321	182	32,5	10	Zamac
224	F008316	F008322	246			
320	F008317	F008323	342			

RiexTouch XH12 Handle





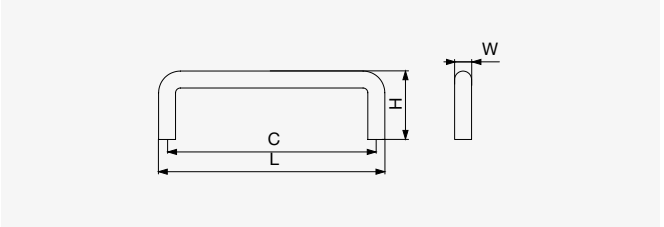
● Brushed nickel



● Matt chrome



● Matt nickel



● Polished chrome

C [mm]	Polished chrome	Brushed nickel	Matt chrome	Matt nickel	L [mm]	H [mm]	W [mm]	Material
96	F002820	F002823	F002826	F002829	105			
128	F002821	F002824	F002827	F002830	137	32	8	Steel
160	F002822	F002825	F002828	F002831	169			

RiexTouch XH03 Handle





● Matt black



● Matt chrome



○ Matt white



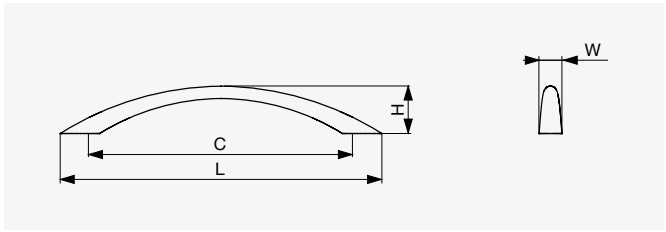
● Polished gold



● Polished chrome



● Stainless steel imitation



● Matt nickel

C [mm]	Matt nickel	Matt black	Matt chrome	Matt white	Polished gold	Polished chrome	Stainless steel imitation	L [mm]	H [mm]	W [mm]	Material
96	F001736	F001740	F001734	F001742	F001738	F001732	F007551	112	27.5	10.5	Zinc
128	F001737	F001741	F001735	F001743	F001739	F001733	F007552	145	27.5	12	

RiexTouch XH05 Handle





● Brushed nickel



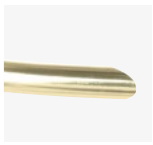
○ Glossy white



● Matt black



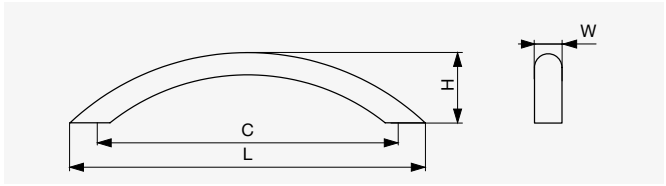
● Matt chrome



● Polished gold



● Polished chrome



● Matt nickel

C [mm]	Matt nickel	Brushed nickel	Glossy white	Matt black	Matt chrome	Polished gold	Polished chrome	L [mm]	H [mm]	W [mm]	Material
96	F002805	F002808	F002817	F002811	F002799	F002814	F002802	115	30	10	Steel
128	F002806	F002809	F002818	F002812	F002800	F002815	F002803	151			
160	F002807	F002810	F002819	F002813	F002801	F002816	F002804	190	32		

RiexTouch XH10 Handle





● Matt black



● Matt chrome



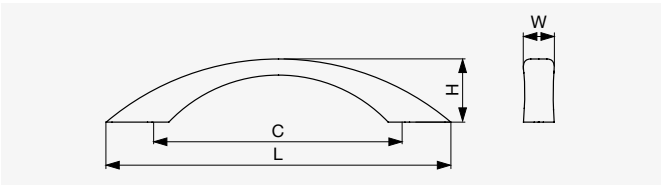
● Matt nickel



● Polished gold



● Polished chrome



● Brushed nickel

C [mm]	Brushed nickel	Matt black	Matt chrome	Matt nickel	Polished gold	Polished chrome	L [mm]	H [mm]	W [mm]	Material
96	F002335	F002337	F002331	F002333	F002339	F002329	120	23	10	Zamac
128	F002336	F002338	F002332	F002334	F002340	F002330	152			

RiexTouch XH35 Handle





● Matt green



● Stainless steel imitation

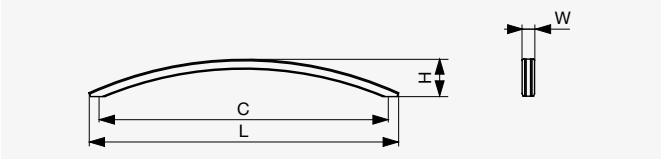
● Anodised aluminium



● Brushed gold



● Matt black



● Burgundy

C [mm]	Burgundy	Matt green	Stainless steel imitation	Anodised aluminium	Brushed gold	Matt black	L [mm]	H [mm]	W [mm]	Material
96	F008334	F008339	×	×	×	×	116	34	11	Aluminium
128	F008335	F008340	F002167	F002158	F002161	F002164	148			
160	F008336	F008341	F002168	F002159	F002162	F002165	182			
192	F008337	F008342	×	×	×	×	212			
224	F008338	F008343	×	×	×	×	244			
256	×	×	F002169	F002160	F002163	F002166	276			

RiexTouch XH44 Handle



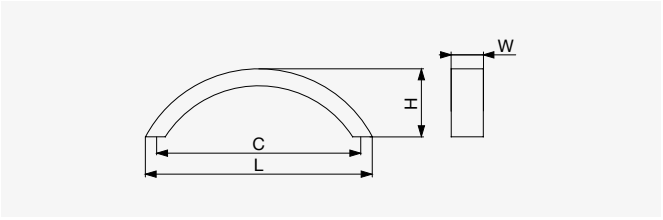


● Anodised aluminium

○ Matt white



● Stainless steel imitation



● Matt black

C [mm]	Matt black	Anodised aluminium	Matt white	Stainless steel imitation	L [mm]	H [mm]	W [mm]	Material
96	F002390	F002382	F002394	F002386	126	25	15	Aluminium
128	F002391	F002383	F002395	F002387	158	29		
160	F002392	F002384	F002396	F002388	190	31		
192	F002393	F002385	F002397	F002389	222			

RiexTouch XH19 Handle



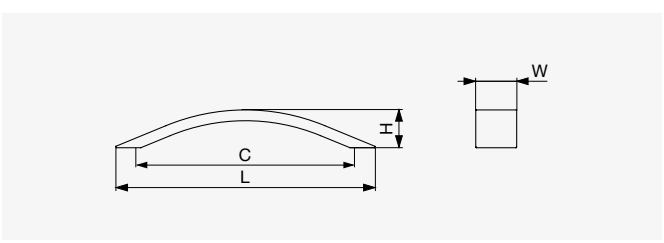
● Anodised aluminium



● Matt black



● Stainless steel imitation



○ Matt white

C [mm]	Matt white	Anodised aluminium	Matt black	Stainless steel imitation	L [mm]	H [mm]	W [mm]	Material
128	F002349	F002345	F002353	F002341	150	28	30	Aluminium
160	F002350	F002346	F002354	F002342	190			
224	F002351	F002347	F002355	F002343	260			
320	F002352	F002348	F002356	F002344	356	33		

RiexTouch XH70 Handle





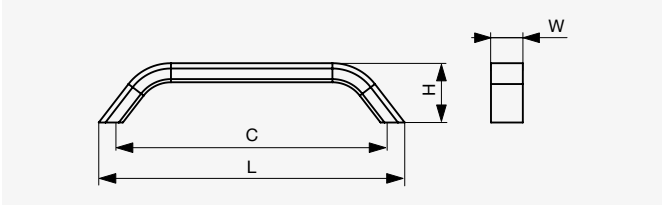
● Burgundy



● Matt black



○ Matt white



● Matt green

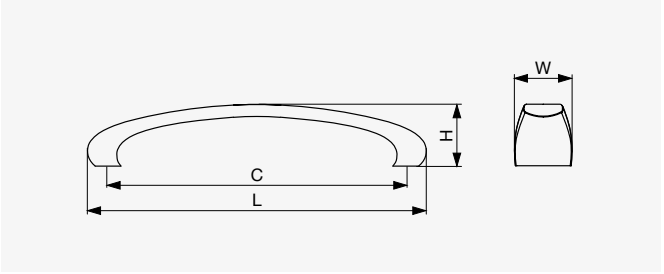
C [mm]	Matt green	Burgundy	Matt black	Matt white	L [mm]	H [mm]	W [mm]	Material
96	F008350	F008344	F008353	F008347	112	28	15	Aluminium
128	F008351	F008345	F008354	F008348	144			
160	F008352	F008346	F008355	F008349	176			

RiexTouch XH43 Handle





● Patinated bronze



● Patinated brown

C [mm]	Patinated brown	Patinated bronze	L [mm]	H [mm]	W [mm]	Material
128	F002596	F002598	145	27	25	Zinc
160	F002597	F002599	177			

RiexTouch XH08 Handle

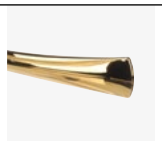




Matt chrome



Matt nickel



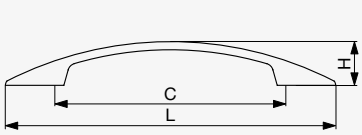
Polished gold



Polished chrome



Stainless steel imitation



Brushed nickel

C [mm]	Brushed nickel	Matt chrome	Matt nickel	Polished gold	Polished chrome	Stainless steel imitation	L [mm]	H [mm]	W [mm]	Material
96	F002232	F002226	F002228	F002230	F002224	F007686	154	23	21	Zinc
128	F002233	F002227	F002229	F002231	F002225	F007685	186			

RiexTouch XH45 Handle



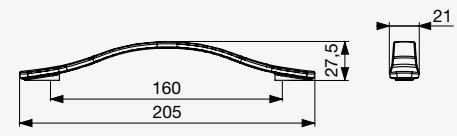


Matt anthracite

Matt white



Stainless steel imitation



Matt gold

Matt gold	Matt anthracite	Matt white	Stainless steel imitation	Material
F002741	F002743	F002740	F002742	Zinc

RiexTouch XH36 Handle





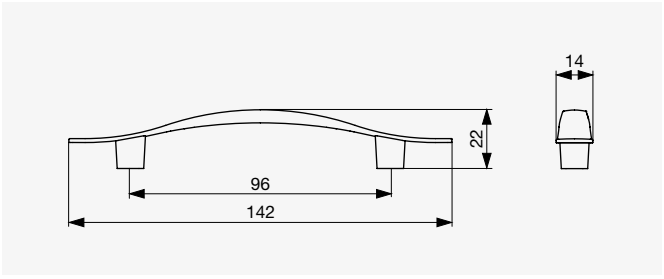
● Matt nickel



● Polished gold



● Polished chrome



● Matt chrome

Matt chrome	Matt nickel	Polished gold	Polished chrome	Material
F001894	F001891	F001893	F001892	Zamac

RiexTouch XH40 Handle





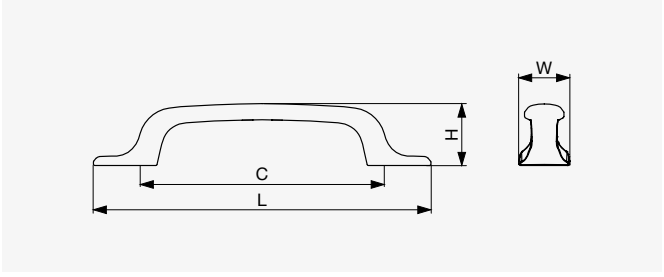
● Matt chrome



● Matt nickel



● Polished chrome



● Matt black

C [mm]	Matt black	Matt chrome	Matt nickel	Polished chrome	L [mm]	H [mm]	W [mm]	Material
96	F002777	F002771	F002773	F002775	133	25	20	Zinc
128	F002778	F002772	F002774	F002776	165			

RiexTouch XH47 Handle

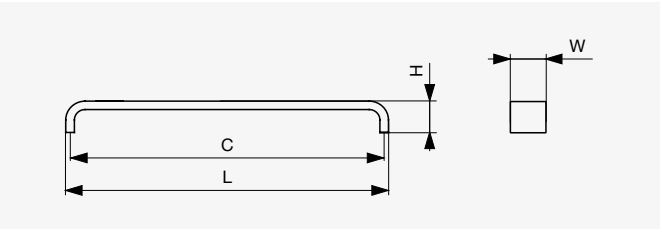




● Matt black



● Polished chrome



● Stainless steel imitation

C [mm]	Stainless steel imitation	Matt black	Polished chrome	L [mm]	H [mm]	W [mm]	Material
128	F002212	F002220	F002216	136	30	25	Aluminium
160	F002213	F002221	F002217	168			
192	F002214	F002222	F002218	200			
320	F002215	F002223	F002219	328			

RiexTouch XH24 Handle





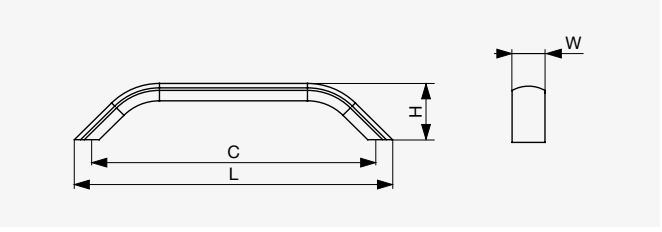
● Anodised aluminium



● Matt black



● Stainless steel imitation



● Brushed gold

C [mm]	Brushed gold	Anodised aluminium	Matt black	Stainless steel imitation	L [mm]	H [mm]	W [mm]	Material
128	F001571	F001567	F001563	F001559	135	26	15	Aluminium
160	F001572	F001568	F001564	F001560	177			
224	F001573	F001569	F001565	F001561	241			
320	F001574	F001570	F001566	F001562	337			

RiexTouch XH22 Handle



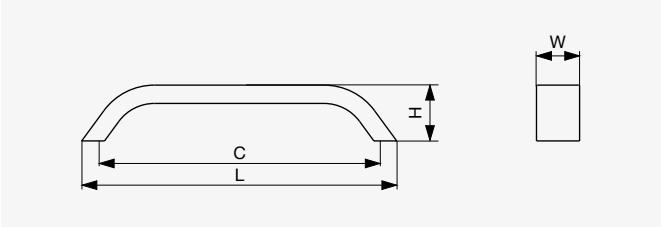
Anodised aluminium



Matt black



Stainless steel imitation



Matt brown

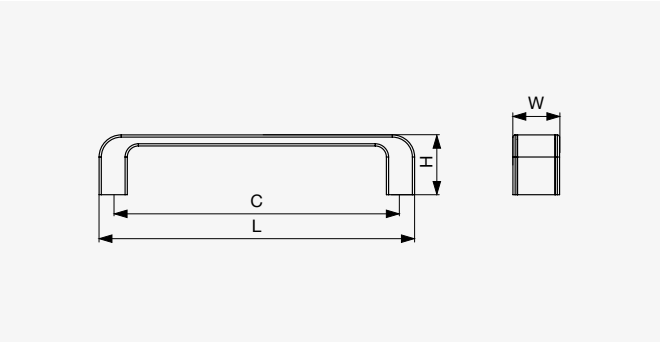
C [mm]	Matt brown	Anodised aluminium	Matt black	Stainless steel imitation	L [mm]	H [mm]	W [mm]	Material
128	F001542	F001532	F001537	F001527	147	32	25	Aluminium
160	F001543	F001533	F001538	F001528	179			
192	F001544	F001534	F001539	F001529	211			
224	F001545	F001535	F001540	F001530	243			
320	F001546	F001536	F001541	F001531	339			

RiexTouch XH28 Handle





Polished chrome / stainless steel imitation



Polished chrome / matt white

C [mm]	Polished chrome / matt white	Polished chrome / stainless steel imitation	L [mm]	H [mm]	W [mm]	Material
128	F001721	F001718	142	27	21	Zinc & aluminium
192	F001722	F001719	206			
256	F001723	F001720	270			

RiexTouch XH07 Handle





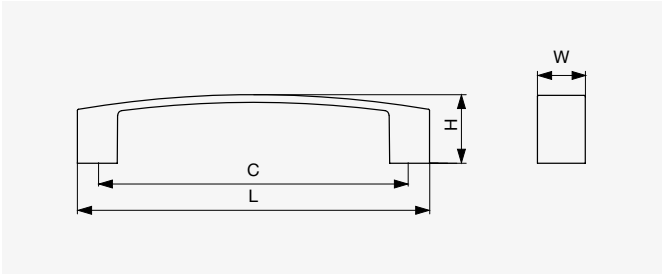
Matt chrome



Matt nickel



Polished chrome



Stainless steel imitation

C [mm]	Stainless steel imitation	Matt chrome	Matt nickel	Polished chrome	L [mm]	H [mm]	W [mm]	Material
128	F001762	F001757	F001767	F001772	146	29	20	Zamac
160	F001763	F001758	F001768	F001773	178			
192	F001764	F001759	F001769	F001774	210			
256	F001765	F001760	F001770	F001775	274			
320	F001766	F001761	F001771	F001776	338			

RiexTouch XH32 Handle





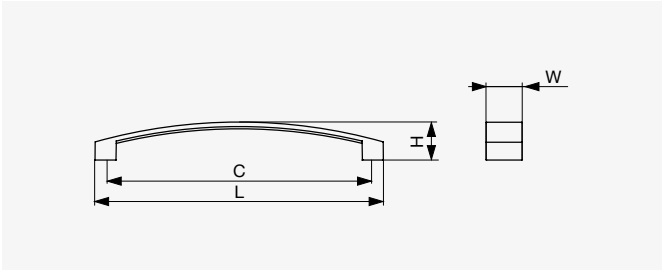
Matt chrome



Polished gold



Stainless steel imitation



Patinated bronze

C [mm]	Patinated bronze	Matt chrome	Polished gold	Stainless steel imitation	L [mm]	H [mm]	W [mm]	Material
160	F002156	F002152	F002154	F002150	172	23	22	Zinc
224	F002157	F002153	F002155	F002151	236			

RiexTouch XH02 Handle





● Brushed nickel

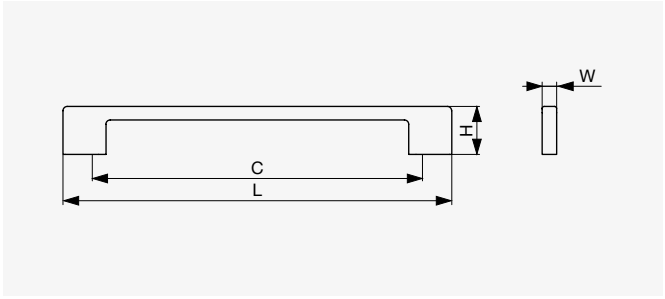
○ Glossy white



● Matt chrome



● Polished chrome

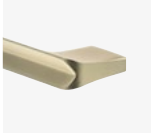


● Matt black

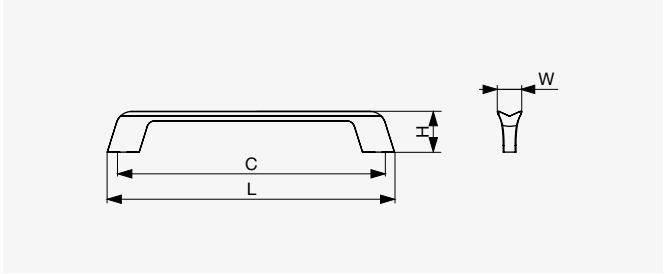
C [mm]	Matt black	Brushed nickel	Glossy white	Matt chrome	Polished chrome	L [mm]	H [mm]	W [mm]	Material
96	F001244	F001226	F001250	F001238	F001232	130	28	8.5	Zamac
128	F001245	F001227	F001251	F001239	F001233	162			
160	F001246	F001228	F001252	F001240	F001234	194			
192	F001247	F001229	F001253	F001241	F001235	226			
256	F001248	F001230	F001254	F001242	F001236	290			
320	F001249	F001231	F001255	F001243	F001237	354			

RiexTouch XH42 Handle





● Matt gold

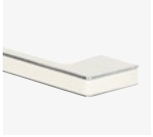


● Brushed black nickel

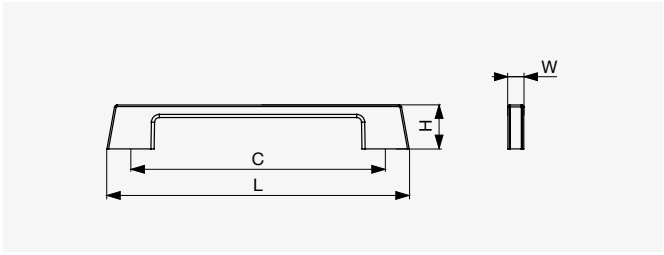
C [mm]	Brushed black nickel	Matt gold	L [mm]	H [mm]	W [mm]	Material
160	F002236	F002238	180	26	15	Zinc
320	F002237	F002239	340			

RiexTouch XH31 Handle





Polished chrome / matt white



Polished chrome / anthracite

C [mm]	Polished chrome / anthracite	Polished chrome / matt white	L [mm]	H [mm]	W [mm]	Material
96	F001708	F001713	121	28	10	Zinc & aluminium
128	F001709	F001714	145			
160	F001710	F001715	190			
224	F001711	F001716	254			
320	F001712	F001717	353			

RiexTouch XH30 Handle

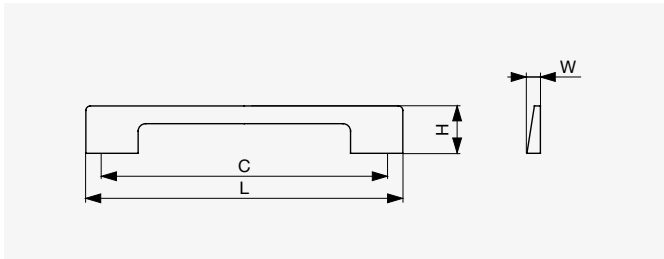




Matt chrome



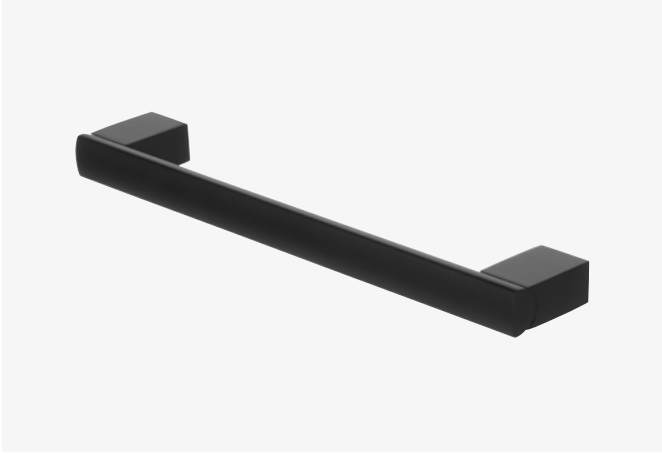
Stainless steel imitation



Polished chrome

C [mm]	Polished chrome	Matt chrome	Stainless steel imitation	L [mm]	H [mm]	W [mm]	Material
160	F002203	F002209	F002206	180	32	9	Aluminium
192	F002204	F002210	F002207	212			
320	F002205	F002211	F002208	340			

RiexTouch XH06 Handle





Anodised aluminium



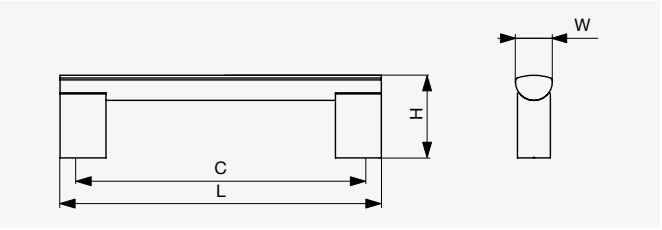
Brushed nickel



Polished chrome



Stainless steel imitation

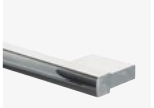


● Matt black

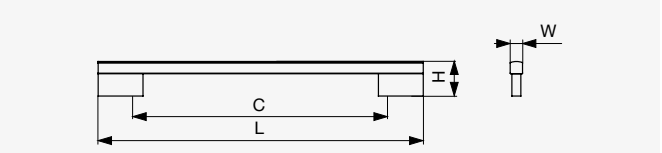
C [mm]	Matt black	Anodised aluminium	Brushed nickel	Polished chrome	Stainless steel imitation	L [mm]	H [mm]	W [mm]	Material
96	F007298	F001256	F001271	F001301	F001286	108			
128	F007299	F001257	F001272	F001302	F001287	140			
160	F007300	F001258	F001273	F001303	F001288	172			
192	F007301	F001259	F001274	F001304	F001289	204			
224	F007302	F001260	F001275	F001305	F001290	236			
256	F007303	F001261	F001276	F001306	F001291	268			
288	F007304	F001262	F001277	F001307	F001292	300			
320	F007305	F001263	F001278	F001308	F001293	332	36	16	Aluminium
384	F007306	F001264	F001279	F001309	F001294	396			
448	F007307	F001265	F001280	F001310	F001295	460			
480	F007308	F001266	F001281	F001311	F001296	492			
544	F007309	F001267	F001282	F001312	F001297	556			
672	F007310	F001268	F001283	F001313	F001298	684			
736	F007311	F001269	F001284	F001314	F001299	748			
768	F007312	F001270	F001285	F001315	F001300	780			

RiexTouch XH26 Handle





Polished chrome



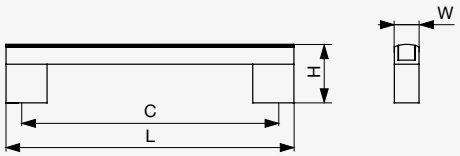
● Stainless steel imitation

C [mm]	Stainless steel imitation	Polished chrome	L [mm]	H [mm]	W [mm]	Material
160	F001581	F001578	226			
224	F001582	F001579	290	31	11	Zinc
320	F001583	F001580	386			

RiexTouch XH23 Handle



Polished chrome / matt white



Polished chrome / stainless steel imitation

C [mm]	Polished chrome / stainless steel imitation	Polished chrome / matt white	L [mm]	H [mm]	W [mm]	Material
128	F001547	F001553	140	29	12	Aluminium
160	F001548	F001554	172			
192	F001549	F001555	204			
224	F001550	F001556	236			
320	F001551	F001557	332			
448	F001552	F001558	460			

RiexTouch XH18 Handle

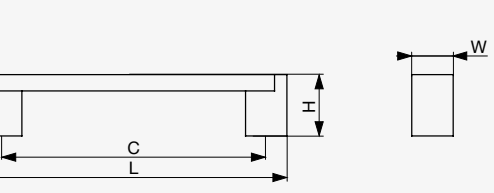




Matt chrome / anodised aluminium



Stainless steel imitation / stainless steel imitation

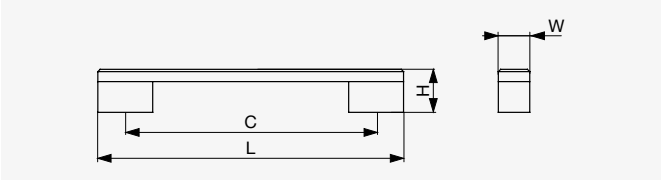


Polished chrome / stainless steel imitation

C [mm]	Polished chrome / stainless steel imitation	Matt chrome / anodised aluminium	Stainless steel imitation / stainless steel imitation	L [mm]	H [mm]	W [mm]	Material
128	F002565	F002571	F002559	148	30	20	Aluminium
160	F002566	F002572	F002560	180			
224	F002567	F002573	F002561	244			
320	F002568	F002574	F002562	340			
480	F002569	F002575	F002563	500			
544	F002570	F002576	F002564	564			

RiexTouch XH25 Handle



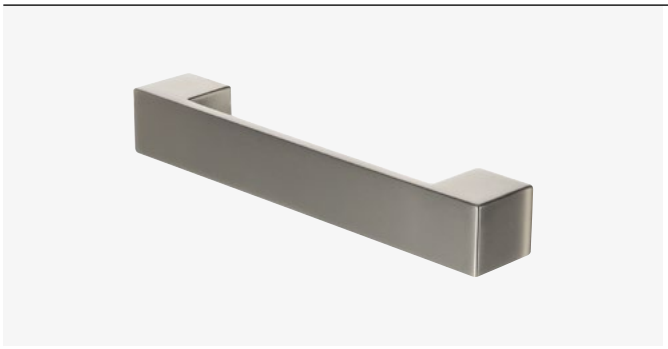


The same design knob on p. 4.40.
The same design hook on p. 4.94.

C [mm]	Matt black	L [mm]	H [mm]	W [mm]	Material
160	F001575	195	28	20	Aluminium
224	F001577	259			
320	F001576	355			

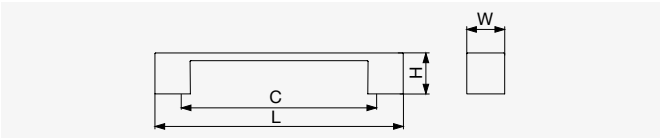
● Matt black

RiexTouch XH20 Handle





○ Matt chrome

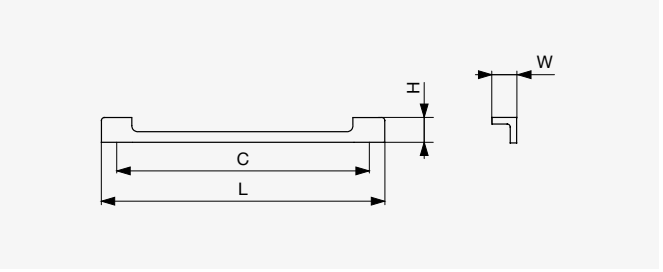


● Brushed nickel

C [mm]	Brushed nickel	Matt chrome	L [mm]	H [mm]	W [mm]	Material
128	F002577	F002579	163	27	25	Aluminium
192	F002578	F002580	228			

RiexTouch XH29 Handle





C [mm]	Stainless steel imitation	L [mm]	H [mm]	W [mm]	Material
192	F002378	220	25	25	Aluminium
288	F002379	310			

○ Stainless steel imitation

RiexTouch XH11 Handle

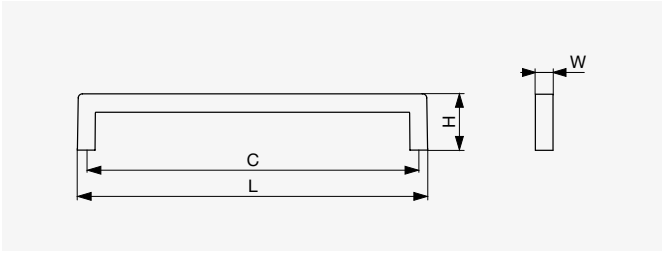




Matt chrome



Stainless steel imitation



Matt black

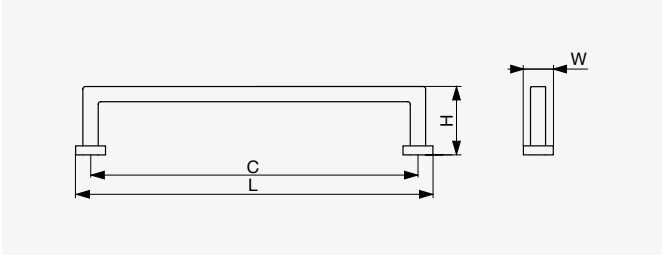
C [mm]	Matt black	Matt chrome	Stainless steel imitation	L [mm]	H [mm]	W [mm]	Material
96	F002182	F002176	F002170	105	28	8	Zamac
128	F002183	F002177	F002171	137			
160	F002184	F002178	F002172	169			
192	F002185	F002179	F002173	201			
320	F002186	F002180	F002174	329			
448	F002187	F002181	F002175	457			

RiexTouch XH16 Handle





Matt black

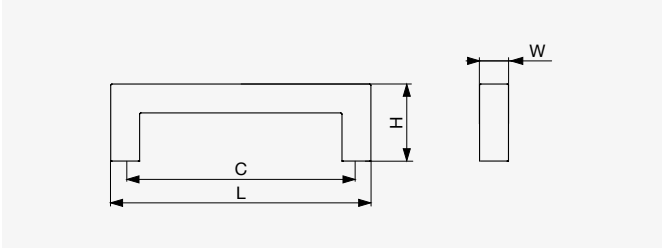


Polished chrome

C [mm]	Polished chrome	Matt black	L [mm]	H [mm]	W [mm]	Material
128	F001728	F001724	137	28	9	Zamac
160	F001729	F001725	169			
192	F001730	F001726	201			

RiexTouch XH13 Handle





Brushed stainless steel

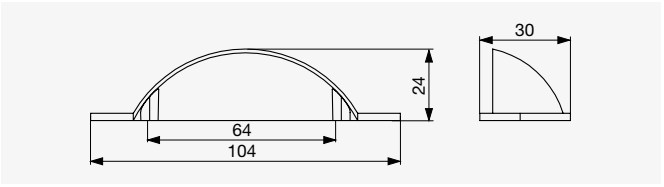
C [mm]	Brushed stainless steel	L [mm]	H [mm]	W [mm]	Material
128	F002188	140	32	12	Stainless steel
160	F002189	172			
224	F002190	236			
320	F002191	332			
448	F002192	460			

RiexTouch XR19 Handle





Matt black | Patinated gold | Patinated tin



Patinated brown

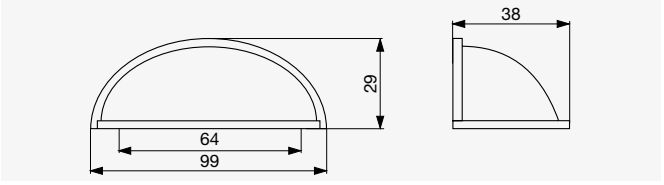
Patinated brown	Matt black	Patinated gold	Patinated tin	Material
F002779	F002781	F002782	F002780	Zinc

RiexTouch XR20 Handle





Patinated copper | Patinated gold | Patinated tin



Brushed nickel

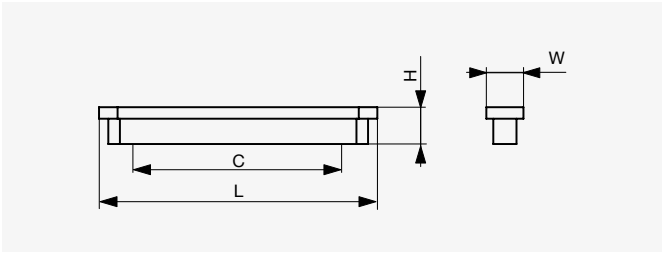
Brushed nickel	Patinated copper	Patinated gold	Patinated tin	Material
F002785	F002786	F002784	F002783	Zamac

RiexTouch XH64 Handle





● Matt green



● Matt black

C [mm]	Matt black	Matt green	L [mm]	H [mm]	W [mm]	Material
32	F008324	F008329	56			
64	F008325	F008330	88			
96	F008326	F008331	120	16	16	Aluminium
128	F008327	F008332	152			
160	F008328	F008333	184			

RiexTouch XH21 Handle

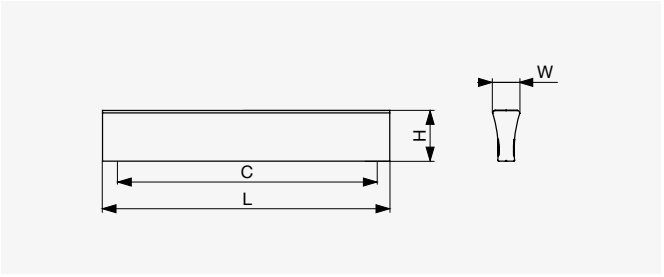




● Anodised aluminium



● Stainless steel imitation



● Matt black

C [mm]	Matt black	Anodised aluminium	Stainless steel imitation	L [mm]	H [mm]	W [mm]	Material
96	F002624	F002618	F002621	106			
128	F002625	F002619	F002622	138	19	10	Aluminium
160	F002626	F002620	F002623	170			

RiexTouch XH46 Handle

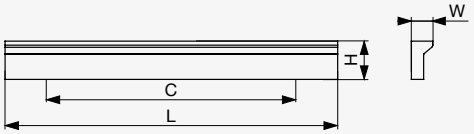




Anodised aluminium



● Matt black



● Stainless steel imitation

C [mm]	Stainless steel imitation	Anodised aluminium	Matt black	L [mm]	H [mm]	W [mm]	Material
128	F002612	F002609	F002615	200	20	11	Aluminium
192	F002613	F002610	F002616	300			
256	F002614	F002611	F002617	400			

RiexTouch XH27 Handle

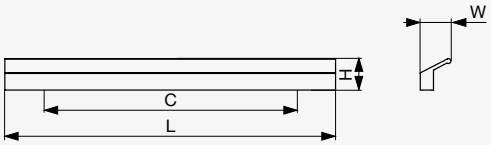




Anodised aluminium



● Polished chrome



● Stainless steel imitation

C [mm]	Stainless steel imitation	Anodised aluminium	Polished chrome	L [mm]	H [mm]	W [mm]	Material
96	F002603	F002600	F002606	116	19	19	Aluminium
160	F002604	F002601	F002607	180			
224	F002605	F002602	F002608	244			

RiexTouch XZ09 Recessed Handle

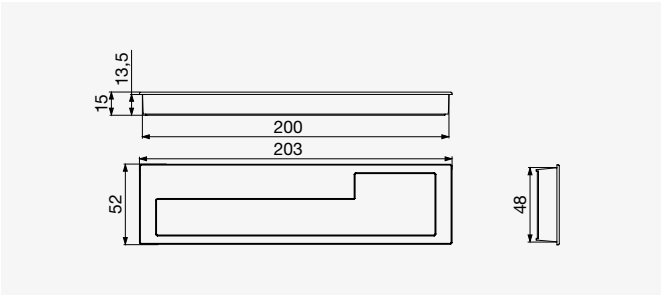




● Matt black



○ Matt white



● Matt anthracite

Side	Matt anthracite	Matt black	Matt white	Material
Left	**F002765**	**F002763**	**F002761**	Zinc
Right	**F002766**	**F002764**	**F002762**	

RiexTouch XZ11 Recessed Handle

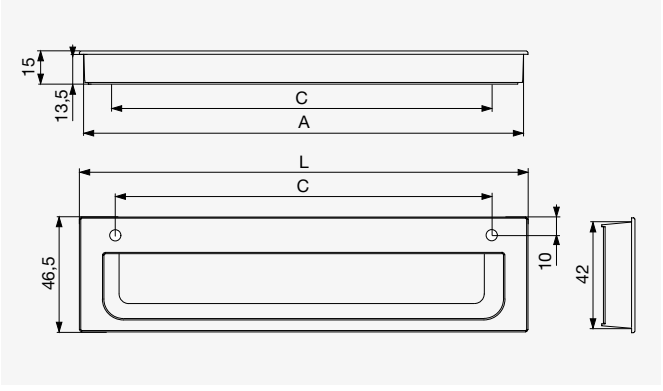




● Matt black



○ Matt white



● Matt anthracite

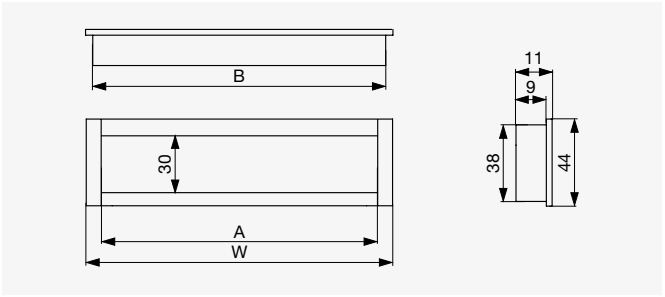
C [mm]	Matt anthracite	Matt black	Matt white	A [mm]	L [mm]	Material
128	**F002587**	**F002591**	**F002589**	154	158	Zinc
160	**F002588**	**F002592**	**F002590**	186	190	

RiexTouch XZ04 Recessed Handle





● Anodised aluminium



● Stainless steel imitation

W [mm]	Stainless steel imitation	Anodised aluminium	A [mm]	B [mm]	Material
104	F001706	F001704	90	94	Aluminium
215	F001707	F001705	201	205	

RiexTouch XZ03 Recessed Handle

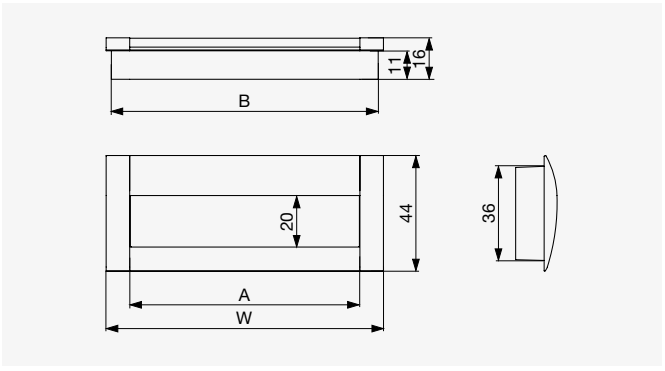




● Matt black



● Stainless steel imitation



● Anodised aluminium

W [mm]	Anodised aluminium	Matt black	Stainless steel imitation	A [mm]	B [mm]	Material
106	F001700	F001702	F001698	88	102	Zinc & aluminium
170	F001701	F001703	F001699	152	166	

RiexTouch XZ02 Recessed Handle

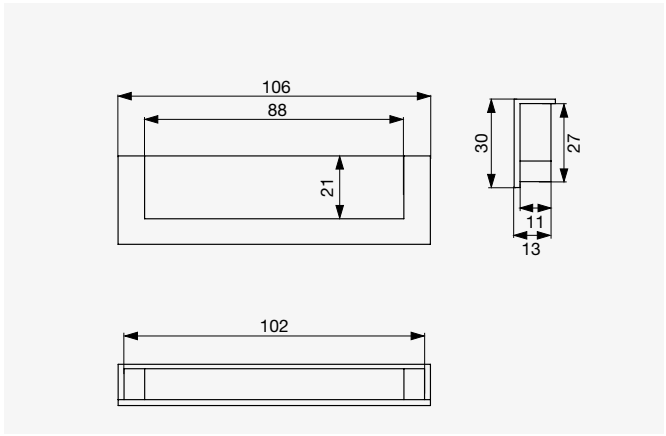




● Matt black



● Matt chrome



○ Matt white

Matt white	Matt black	Matt chrome	Material
F002630	F002629	F002627	Zinc

RiexTouch XZ01 Recessed Handle

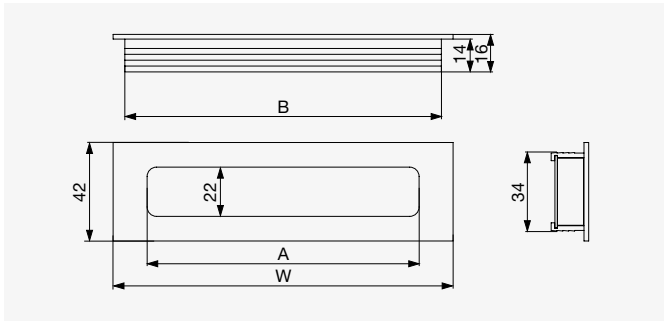




● Matt black



● Stainless steel imitation



● Anodised aluminium

W [mm]	Anodised aluminium	Matt black	Stainless steel imitation	A [mm]	B [mm]	Material
112	F002767	F001786	F001783	84	106	
144	F002631	F001787	F001784	116	138	
176	F002768	F001788	F001785	148	170	Aluminium
272	F002632	×	×	244	266	
336	F002633	×	×	308	330	

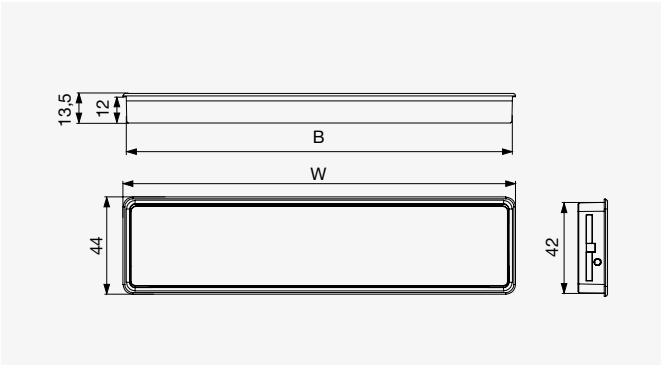
RiexTouch XZ10 Recessed Handle





● Matt black

● Matt anthracite



W [mm]	Matt anthracite	Matt black	B [mm]	Material
44	F002583	F002759	42	Zinc
180	F002585	F002760	177	

RiexTouch XZ05 Recessed Handle

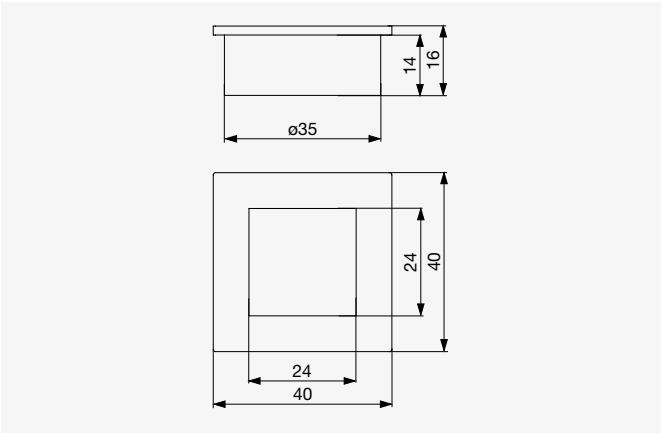




● Matt anthracite



● Polished chrome



● Brushed nickel

Brushed nickel	Matt anthracite	Polished chrome	Material
F001879	F001881	F001880	Zinc

RiexTouch XZ06 Recessed Handle

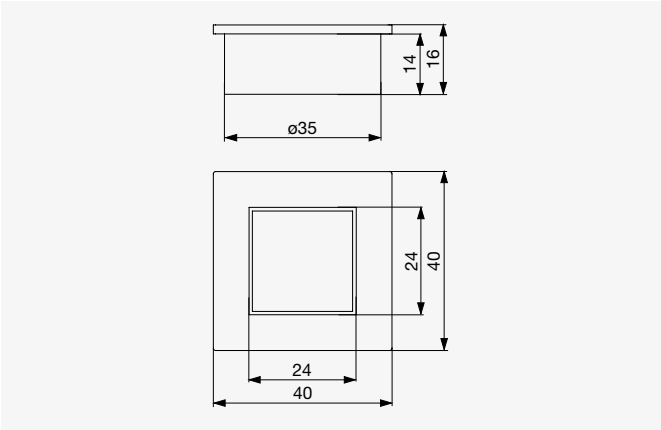




● Matt anthracite



● Polished chrome



● Brushed nickel

Brushed nickel	Matt anthracite	Polished chrome	Material
F001882	F001884	F001883	Zinc

RiexTouch XZ07 Recessed Handle

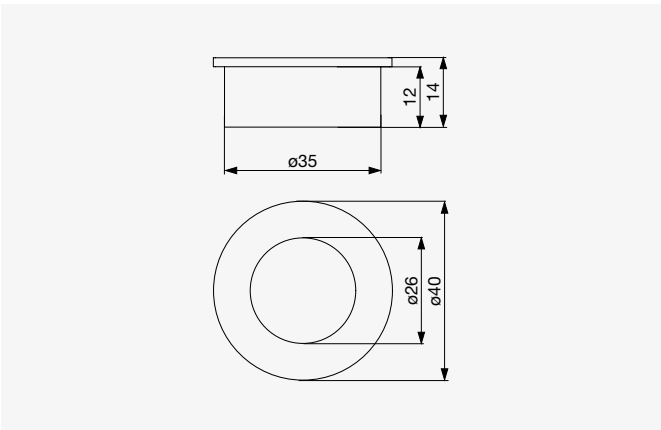




● Brushed nickel



● Matt anthracite



● Polished chrome

Polished chrome	Brushed nickel	Matt anthracite	Material
F001886	F001885	F001887	Zinc

RiexTouch XZ08 Recessed Handle

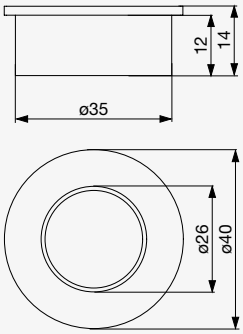




● Brushed nickel



● Matt anthracite



● Polished chrome

Polished chrome	Brushed nickel	Matt anthracite	Material
F001889	F001888	F001890	Zinc

RiexTouch XZ12 Recessed Handle

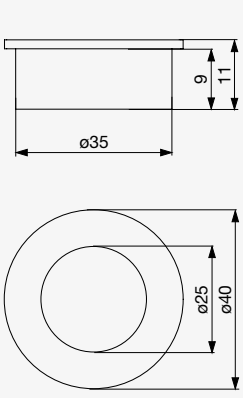




● Matt nickel



● Polished chrome



● Matt chrome

Matt chrome	Matt nickel	Polished chrome	Material
F002268	F002269	F002267	Zinc

RiexTouch XK01 Knob





Matt chrome

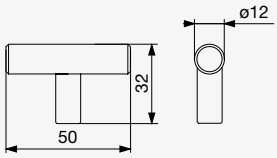


Matt nickel



Polished chrome

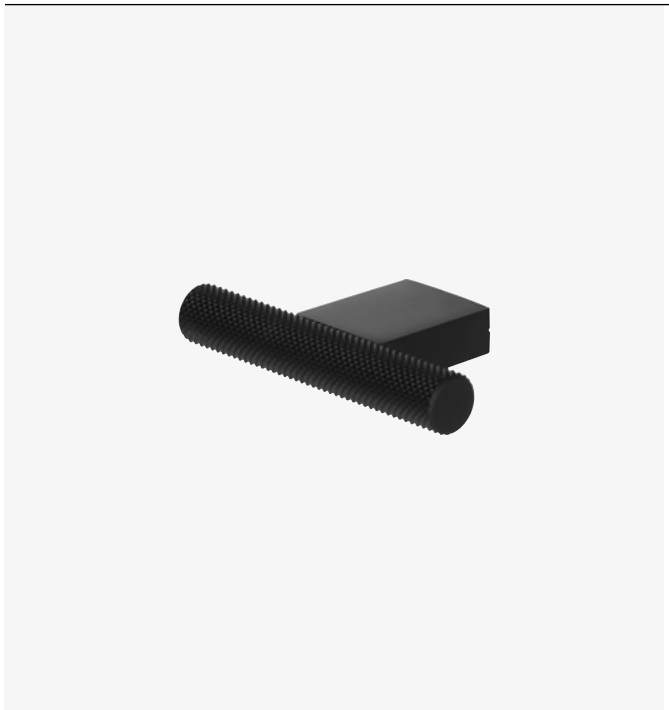
The same design handle on p. 4.10.



Brushed nickel

Brushed nickel	Matt chrome	Matt nickel	Polished chrome	Material
F002555	F002558	F002556	F002557	Steel

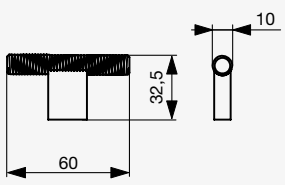
RiexTouch XH63 Knob





Matt gold

The same design handle on p. 4.11.



Matt black

Matt black	Matt gold	Material
F008312	F008318	Zamac

RiexTouch XK02 Knob



● Brushed nickel



● Matt black



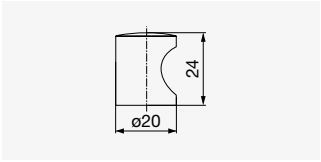
● Matt nickel



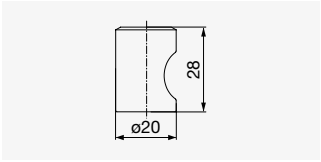
● Polished chrome



● Stainless steel



ⓘ F002770, F002757, F002756, F002758



ⓘ F002202

Brushed nickel	Matt black	Matt nickel	Polished chrome	Stainless steel	Material
F002758	F002770	F002757	F002756	F002202	Zinc

RiexTouch XK11 Knob



● Brushed nickel



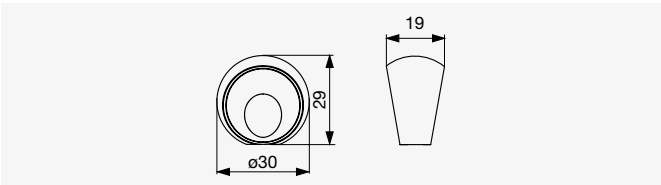
● Matt black



○ Matt white



● Polished chrome



Brushed nickel	Matt black	Matt white	Polished chrome	Material
F002275	F002274	F002277	F002276	Zinc

RiexTouch XK05 Knob



● Matt gold



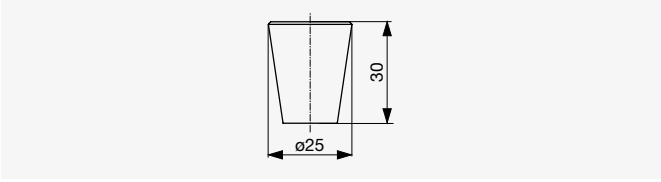
● Anodised aluminium



● Matt black



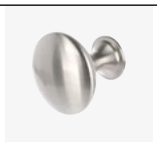
● Matt black nickel



Matt gold	Anodised aluminium	Matt black	Matt black nickel	Material
F002273	F002272	F002270	F002271	Aluminium

RiexTouch XK03 Knob

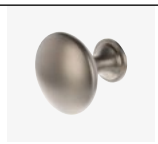




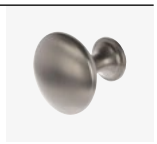
● Brushed nickel



● Matt black



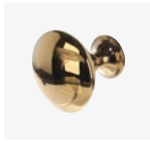
● Matt chrome



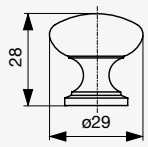
● Matt nickel



○ Matt white



● Polished gold



● Polished chrome

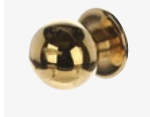
Polished chrome	Brushed nickel	Matt black	Matt chrome	Matt nickel	Matt white	Polished gold	Material
F002401	F002404	F002403	F002400	F002398	F002399	F002402	Zinc

RiexTouch XK12 Knob

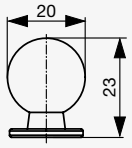




● Matt chrome



● Polished gold



● Polished chrome

Polished chrome	Matt chrome	Polished gold	Material
F002250	F002251	F002252	Zinc

RiexTouch XK13 Knob



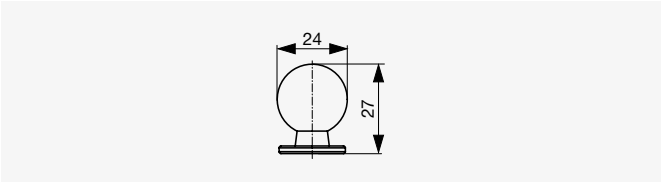
Polished gold



Polished chrome



Matt chrome



Polished gold	Polished chrome	Matt chrome	Material
F002255	F002253	F002254	Zinc

RiexTouch XK15 Knob



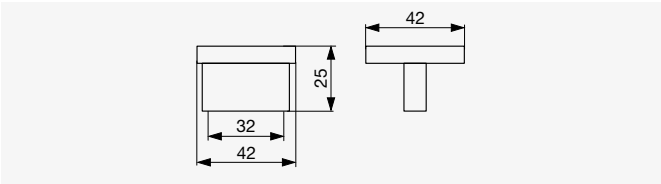
Brushed nickel



Matt chrome

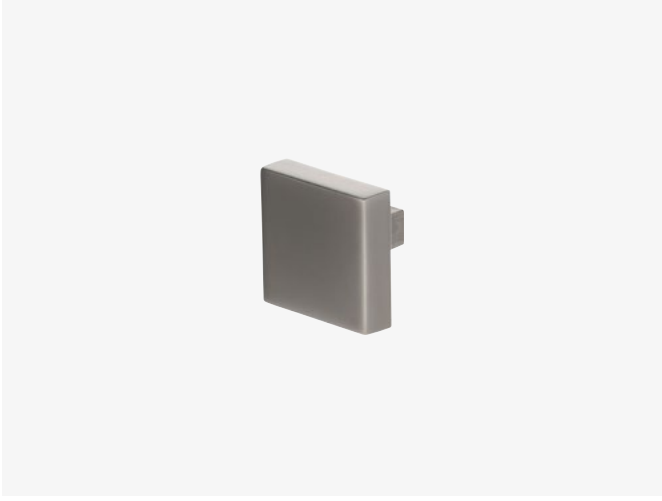


Matt nickel



Brushed nickel	Matt chrome	Matt nickel	Material
F002259	F002260	F007555	Zinc

RiexTouch XK08 Knob



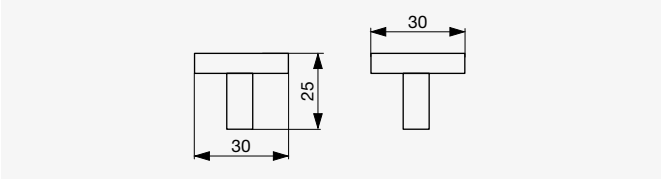
Matt chrome



Polished chrome

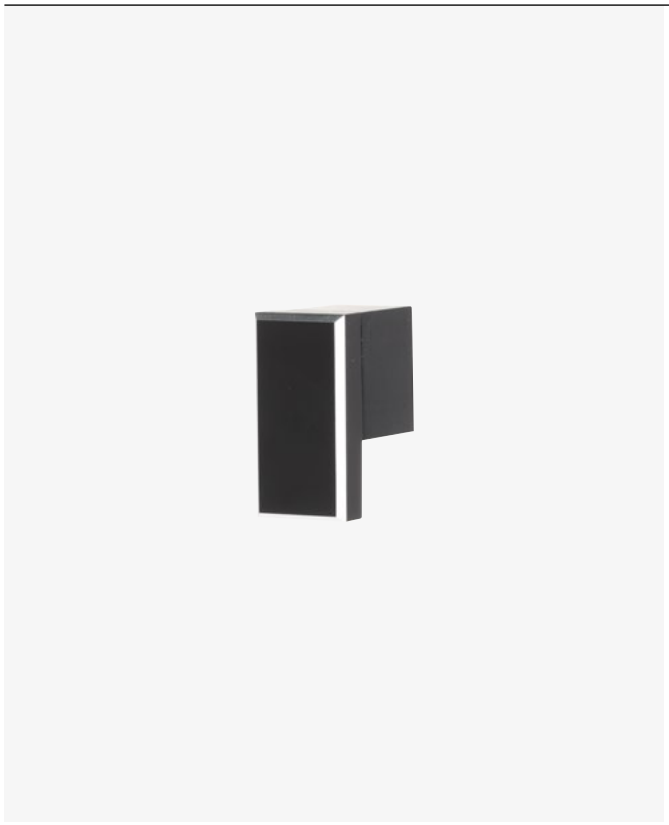


Matt nickel

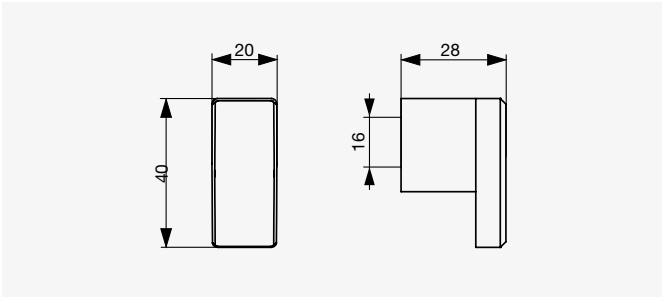


Matt chrome	Polished chrome	Matt nickel	Material
F002249	F002248	F007553	Zinc

RiexTouch XV28 Knob



The same design handle on p. 4.25.
The same design hook on p. 4.94.



Matt black	Material
F002468	Aluminium

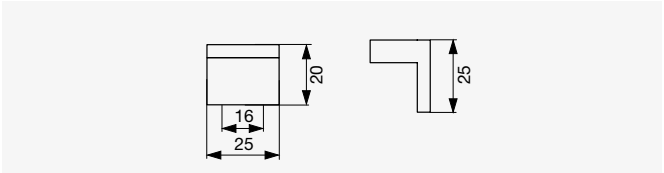
● Matt black

RiexTouch XK14 Knob





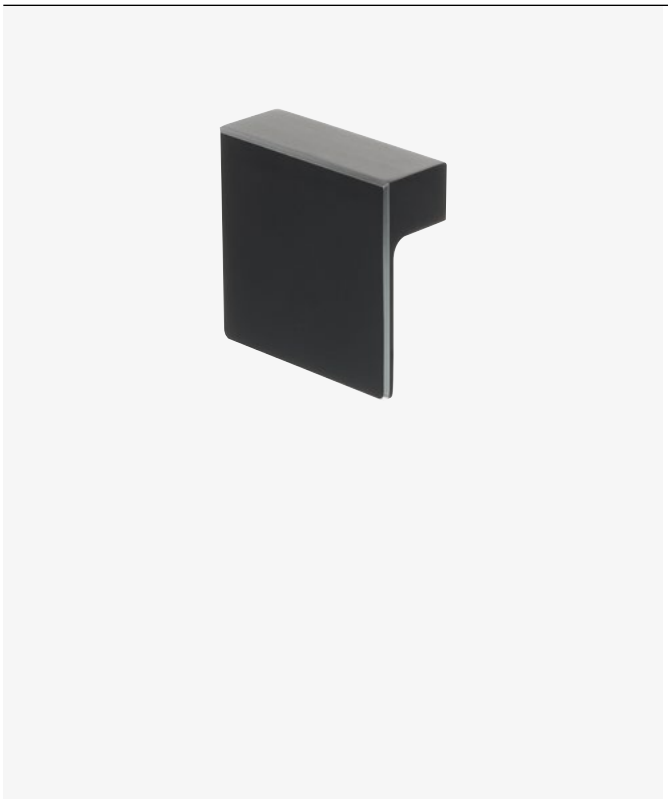
● Brushed nickel ● Polished chrome ● Matt nickel



Matt chrome	Brushed nickel	Polished chrome	Matt nickel	Material
F002258	F002256	F002257	F007554	Zinc

● Matt chrome

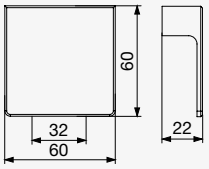
RiexTouch XK16 Knob



● Matt black



● Anodised aluminium



Matt black	Anodised aluminium	Material
F002282	F002281	Aluminium

RiexTouch XK09 Knob



● Matt anthracite

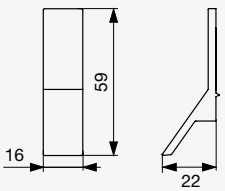


● Brushed gold



● Matt chrome

The same design hook on p. 4.93.



Matt anthracite	Brushed gold	Matt chrome	Material
F002594	F002593	F002595	Zinc

RiexTouch XH04 Handle ECONOMY

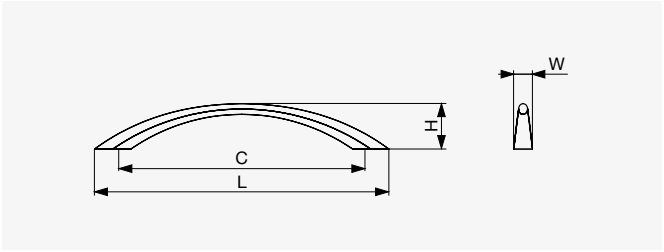




Matt chrome



Polished chrome

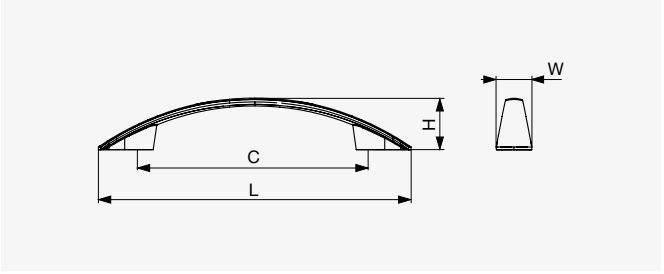


Matt nickel

C [mm]	Matt nickel	Matt chrome	Polished chrome	L [mm]	H [mm]	W [mm]	Material
96	F001748	F001746	F001744	112	23	9	Zamac
128	F001749	F001747	F001745	159	25	10	

RiexTouch XH09 Handle ECONOMY



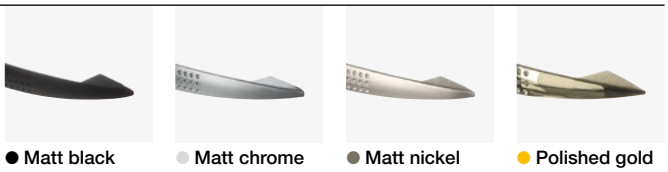


Polished chrome

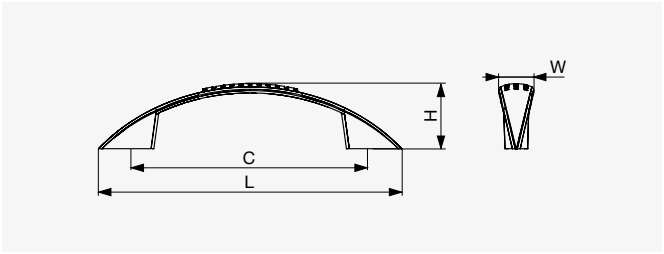
C [mm]	Polished chrome	L [mm]	H [mm]	W [mm]	Material
96	F002234	135	22.5	15.5	Zamac
128	F002235	169	23	16	

RiexTouch XH33 Handle ECONOMY





● Matt black ● Matt chrome ● Matt nickel ● Polished gold

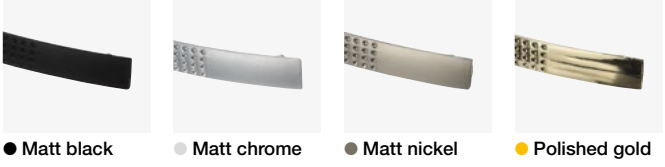


● Polished chrome

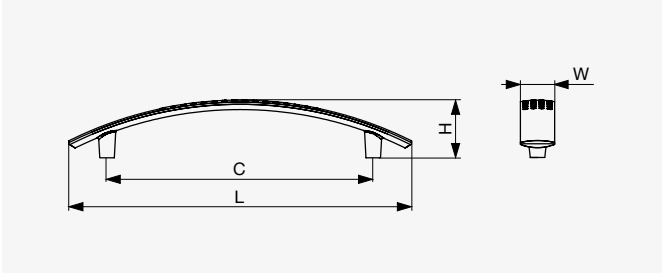
C [mm]	Polished chrome	Matt black	Matt chrome	Matt nickel	Polished gold	L [mm]	H [mm]	W [mm]	Material
96	F002115	F002117	F002113	F002111	F002119	128	27.5	15	Zamac
128	F002116	F002118	F002114	F002112	F002120	163	28.5	16	

RiexTouch XH34 Handle ECONOMY





● Matt black ● Matt chrome ● Matt nickel ● Polished gold



● Polished chrome

C [mm]	Polished chrome	Matt black	Matt chrome	Matt nickel	Polished gold	L [mm]	H [mm]	W [mm]	Material
96	F002125	F002127	F002123	F002121	F002129	124	27	17	Zamac
128	F002126	F002128	F002124	F002122	F002130	165.5	28		

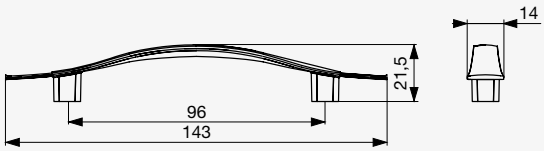
RiexTouch XH37 Handle ECONOMY





● Polished chrome

● Matt nickel



Matt nickel	Polished chrome	Material
F002381	F002380	Zamac

RiexTouch XK10 Knob ECONOMY





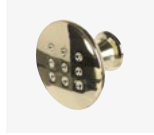
● Matt black



● Matt chrome

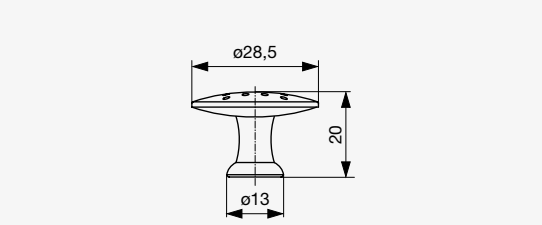


● Matt nickel



● Polished gold

● Polished chrome



Polished chrome	Matt black	Matt chrome	Matt nickel	Polished gold	Material
F002138	F002139	F002137	F002136	F002140	Zamac

RiexTouch XK07 Knob ECONOMY





Matt chrome



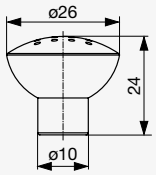
Matt nickel



Polished gold



Polished chrome



● Matt black

Matt black	Matt chrome	Matt nickel	Polished gold	Polished chrome	Material
F002134	F002132	F002131	F002135	F002133	Zamac

RiexTouch XK06 Knob ECONOMY



○ Glossy white



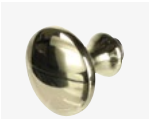
● Matt black



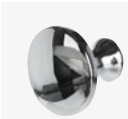
Matt chrome



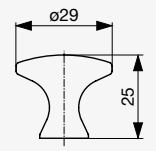
Matt nickel



Polished gold



Polished chrome



● Glossy black

Glossy black	Glossy white	Matt black	Matt chrome	Matt nickel	Polished gold	Polished chrome	Material
F001750	F001755	F001751	F001753	F001754	F001756	F001752	Zamac

● Citterio Giulio XH60 Handle

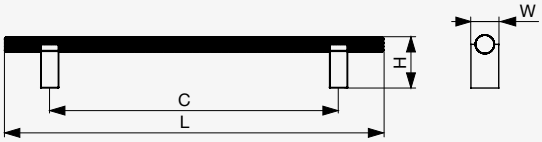




● Matt gold



● Matt silver



● Matt black

C [mm]	Matt black	Matt gold	Matt silver	L [mm]	H [mm]	W [mm]	Material
160	F003280	F003281	F003282	210	29	15	Zamac
320	F003283	F003284	F003285	370			

● Citterio Giulio XH60 Knob

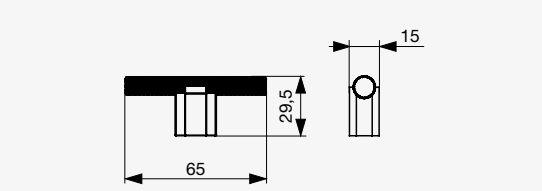




● Matt gold



● Matt silver



● Matt black

Matt black	Matt gold	Matt silver	Material
F003286	F003287	F003288	Zamac & aluminium

● Citterio Giulio XH59 Handle





● Matt black

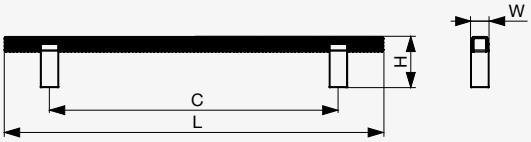


● Matt gold



● Matt silver

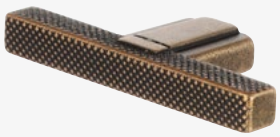
The same design shelf supports on p. 14.61.



● French patinated bronze

C [mm]	French patinated bronze	Matt black	Matt gold	Matt silver	L [mm]	H [mm]	W [mm]	Material
160	F003273	F003271	F003272	F005459	210	28.5	10	Zamac
320	F003276	F003274	F003275	F005460	370			

● Citterio Giulio XH59 Knob

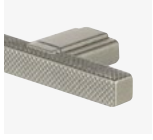




● Matt black

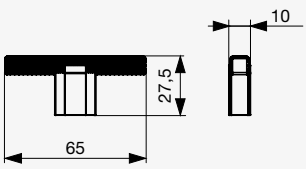


● Matt gold



● Matt silver

The same design shelf supports on p. 14.61.



● French patinated bronze

French patinated bronze	Matt black	Matt gold	Matt silver	Material
F003279	F003277	F003278	F005461	Zamac

● Citterio Giulio XH62 Handle

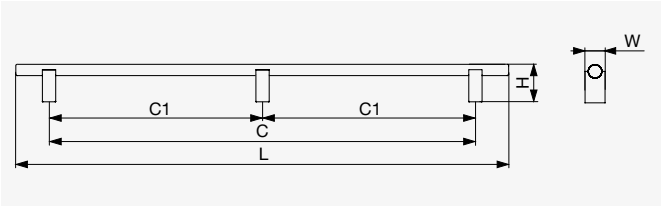




○ Matt white



● Matt chrome



● Matt black

C [mm]	Matt black	Matt white	Matt chrome	Number of legs	C1 [mm]	L [mm]	H [mm]	W [mm]	Material
160	F005471	F005478	F005485	2	–	210	29	15	Zamac & aluminium
320	F005472	F005479	F005486	2	–	370			
834	F005473	F005480	F005487	3	417	884			
1172	F005474	F005481	F005488	3	586	1222			
1596	F005475	F005482	F005489	4	532	1645			
1920	F005476	F005483	F005490	5	480	1970			

● Citterio Giulio XH62 Knob

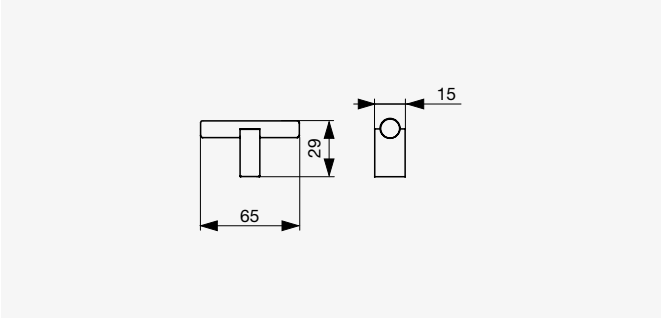




○ Matt white



● Matt chrome



● Matt black

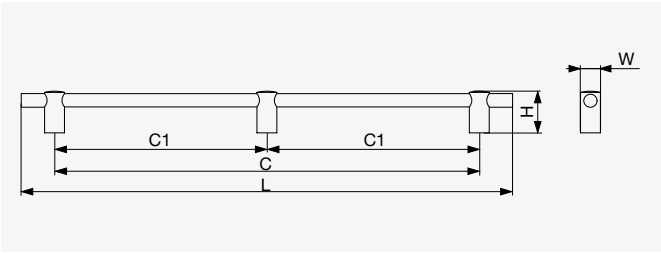
Matt black	Matt white	Matt chrome	Material
F005470	F005477	F005484	Zamac & aluminium

● Citterio Giulio XH49 Handle





● Polished chrome / matt black



● Matt gold / matt black

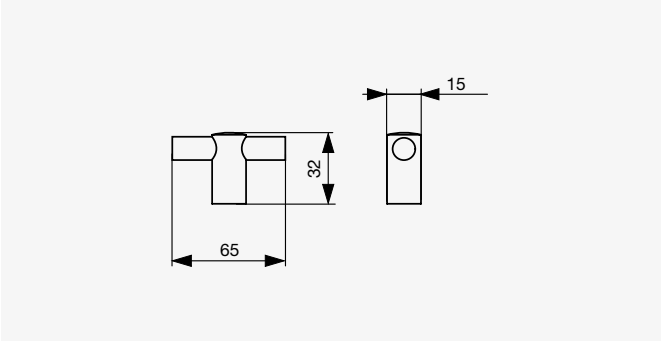
C [mm]	Matt gold / matt black	Polished chrome / matt black	Number of legs	C1 [mm]	L [mm]	H [mm]	W [mm]	Material
160	F003154	F003155	2	–	210	32	15	Brass & aluminium
320	F003156	F003157	2	–	370			
572	F005463	F005467	2	–	622			
1074	F005464	F005468	3	537	1124			
1794	F005465	F005469	4	598	1844			

● Citterio Giulio XH49 Knob





● Polished chrome / matt black



● Matt gold / matt black

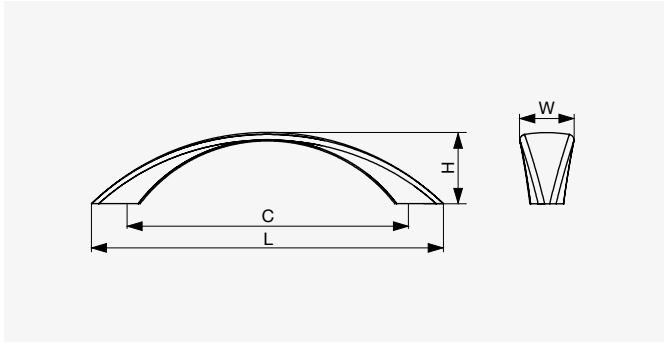
Matt gold / matt black	Polished chrome / matt black	Material
F005462	F005466	Brass & aluminium

● Citterio Giulio XH54 Handle





● Polished chrome



● Matt nickel

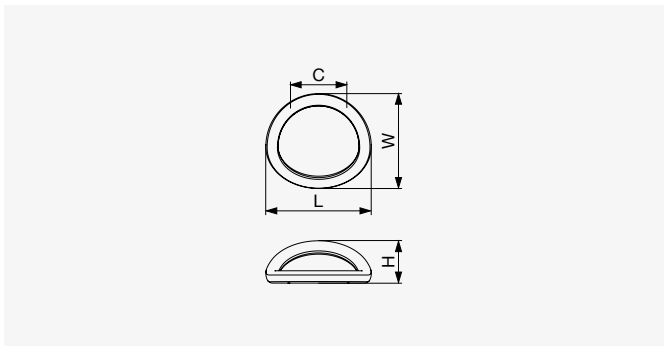
C [mm]	Matt nickel	Polished chrome	L [mm]	H [mm]	W [mm]	Material
64	F003207	F003206	85	22	16	Zamac
96	F003209	F003208	123	25	19	

● Citterio Giulio XH52 Handle





● Matt black



● Matt gold

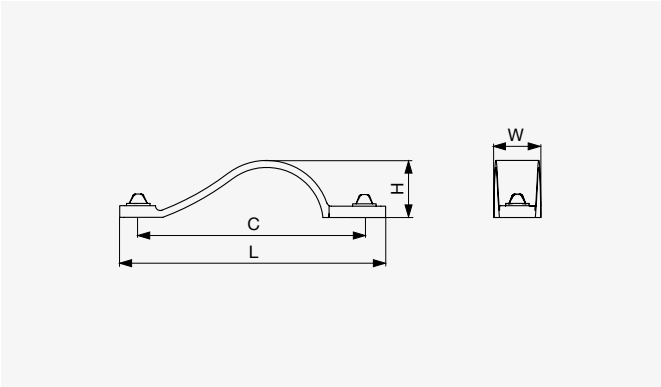
C [mm]	Matt gold	Matt black	L [mm]	H [mm]	W [mm]	Material
32	F003175	F003174	60	24	54	Zamac
96	F003177	F003176	106	35	98	

● Citterio Giulio XR31 Handle





● Natural bronze



● Patinated iron

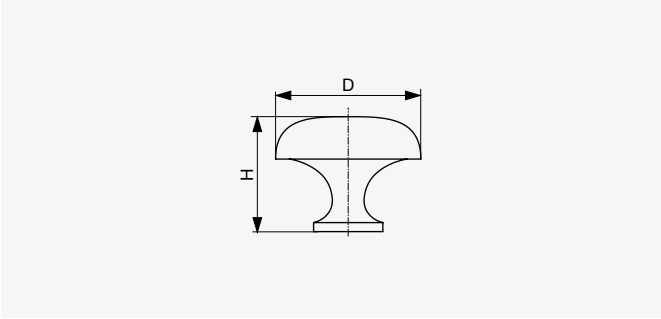
C [mm]	Patinated iron	Natural bronze	L [mm]	H [mm]	W [mm]	Material
96	F003255	F003254	113	25	20	Zamac
128	F003253	F003252	145			

● Citterio Giulio XR31 Knob





● Natural bronze



● Patinated iron

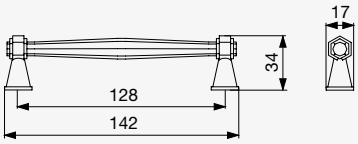
H [mm]	Patinated iron	Natural bronze	D [mm]	Material
27	F003259	F003258	32	Zamac
30	F003257	F003256	37	

● Citterio Giulio XR24 Handle





● Patinated iron



● French bronze

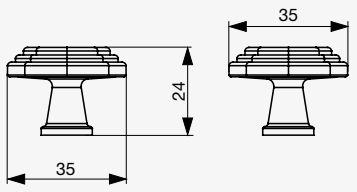
French bronze	Patinated iron	Material
F003217	F003218	Zamac

● Citterio Giulio XR24 Knob





● Patinated iron



● French bronze

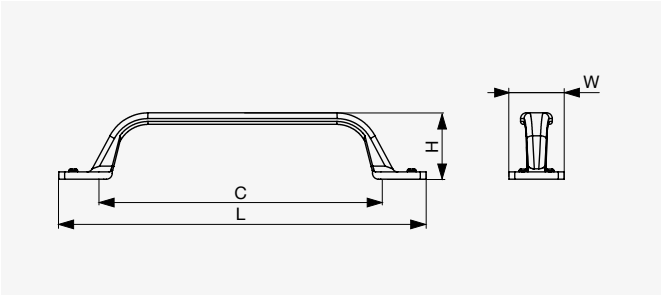
French bronze	Patinated iron	Material
F003219	F003220	Zamac

● Citterio Giulio XH53 Handle





● Brushed
french bronze



● Matt nickel

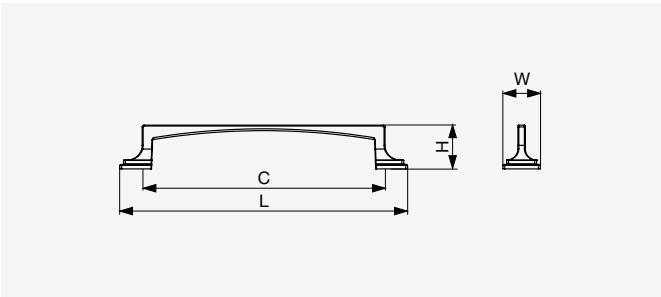
C [mm]	Matt nickel	Brushed french bronze	L [mm]	H [mm]	W [mm]	Material
64	F003190	F003191	96	23	19	Zamac
96	F003192	F003193	128			

● Citterio Giulio XR25 Handle





● Natural bronze

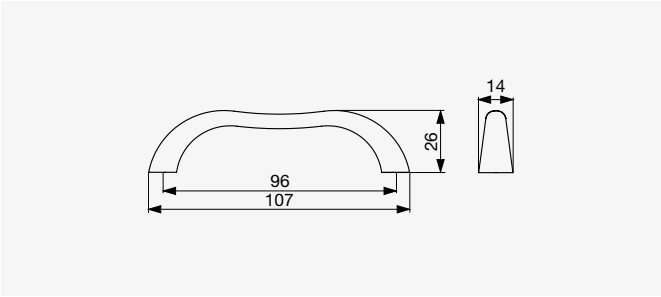


● Patinated iron

C [mm]	Patinated iron	Natural bronze	L [mm]	H [mm]	W [mm]	Material
96	F003222	F003221	123	24	20	Zamac
128	F003224	F003223	154			

● Citterio Giulio XR30 Handle



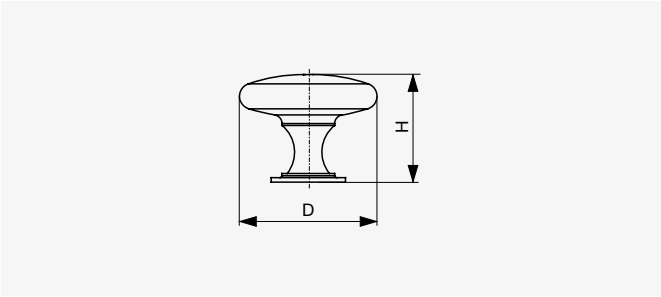


● Polished brushed bronze

Polished brushed bronze	Material
F003245	Zamac

● Citterio Giulio XR30 Knob



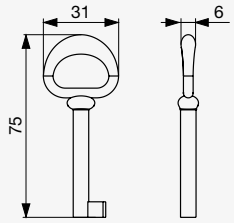


● Polished brushed bronze

H [mm]	Polished brushed bronze	D [mm]	Material
21,5	F003251	28	Zamac
24,5	F003250	32	

● Citterio Giulio XR30 Accessories, Handle Key



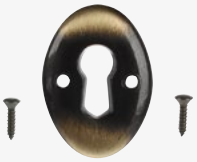


Handle key	Material
F003246	Zamac

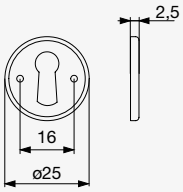
● Citterio Giulio XR30 Accessories, Shields for Handle Key



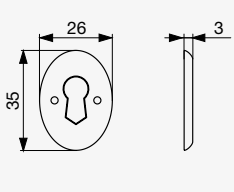
ⓘ F003247



ⓘ F003248



ⓘ F003247

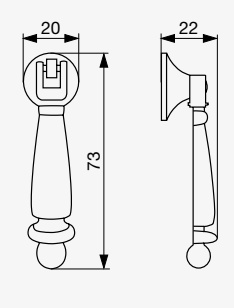


ⓘ F003248

Recessed shield for handle key	Shield for handle key	Material
F003247	F003248	Zamac

● Citterio Giulio XR30 Accessories, Knob





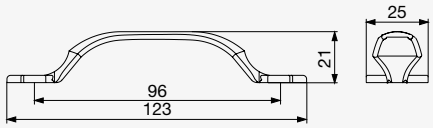
Knob	Material
F003249	Zamac

● Citterio Giulio XR32 Handle





● Patinated iron



● Natural bronze

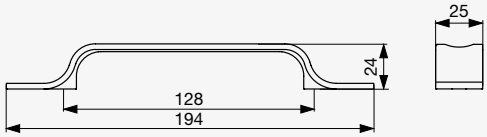
Natural bronze	Patinated iron	Material
F003260	F003261	Zamac

● Citterio Giulio XR23 Handle





● Patinated iron



● Natural bronze

Natural bronze	Patinated iron	Material
F003213	F003214	Zamac

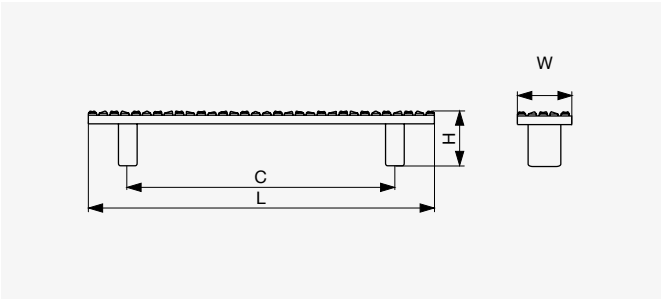
● Citterio Giulio XR16 Handle





● Polished chrome

The same design hook on p. 4.106.



● Brushed french bronze

C [mm]	Brushed french bronze	Polished chrome	L [mm]	H [mm]	W [mm]	Material
128	F003179	F003178	166	25	25	Zamac
160	F003181	F003180	198			
320	F003183	F003182	358			

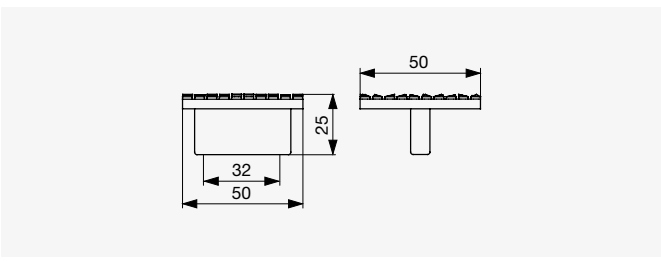
● Citterio Giulio XR16 Knob





● Polished chrome

The same design hook on p. 4.106.



● Brushed french bronze

Brushed french bronze	Polished chrome	Shape	Material
F003185	F003184	Square	Zamac

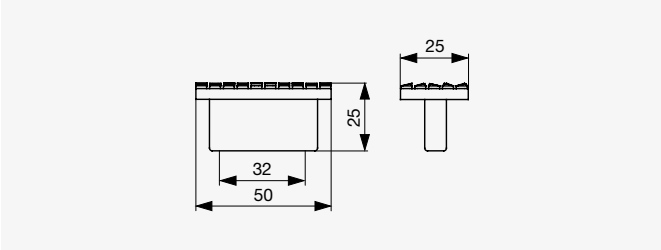
● Citterio Giulio XR16 Knob





● Polished chrome

The same design hook on p. 4.106.

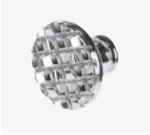


● Brushed french bronze

Brushed french bronze	Polished chrome	Shape	Material
F003187	F003186	Rectangle	Zamac

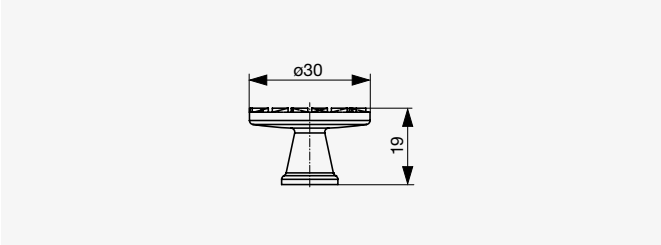
● Citterio Giulio XR16 Knob





● Polished chrome

The same design hook on p. 4.106.



● Brushed french bronze

Brushed french bronze	Polished chrome	Shape	Material
F003189	F003188	Round	Zamac

● Citterio Giulio XR04 Handle

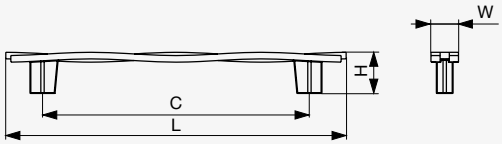




● Polished chrome



● Matt brushed bronze



● Patinated iron

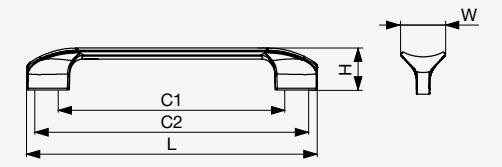
C [mm]	Patinated iron	Polished chrome	Matt brushed bronze	L [mm]	H [mm]	W [mm]	Material
160	F003134	F003132	F003133	204	25	16.5	Zamac
320	F003137	F003135	F003136	364			

● Citterio Giulio XR05 Handle





● Natural bronze



● Patinated iron

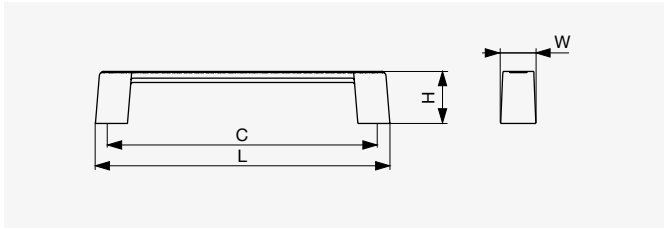
C1 / C2 [mm]	Patinated iron	Natural bronze	L [mm]	H [mm]	W [mm]	Material
64 / 96	F003139	F003138	106	24	26	Zamac
128 / 160	F003141	F003140	170			
192 / 224	F003143	F003142	234			
320 / 352	F003145	F003144	362			

● Citterio Giulio XR15 Handle





● Natural bronze



● Patinated iron

C [mm]	Patinated iron	Natural bronze	L [mm]	H [mm]	W [mm]	Material
128	F003147	F003146	138	24	16.5	Zamac
160	F003149	F003148	170			
192	F003151	F003150	202			
320	F003153	F003152	330			

● Citterio Giulio XH48 Handle

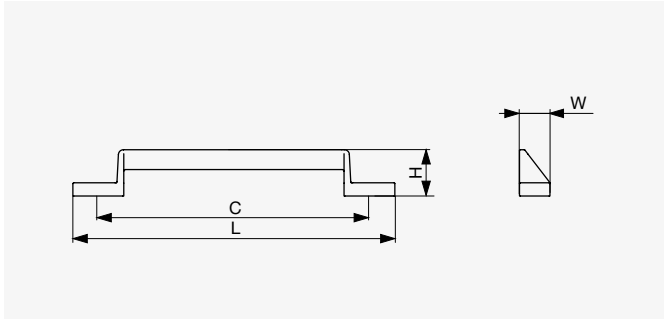




● Matt black



● Matt gold



● Matt silver

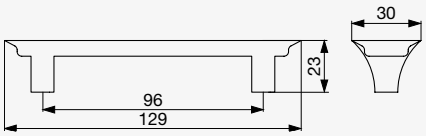
C [mm]	Matt silver	Matt black	Matt gold	L [mm]	H [mm]	W [mm]	Material
96	F003125	F003123	F003124	126	28	18	Zamac
160	F003128	F003126	F003127	190			
320	F003131	F003129	F003130	350			

● Citterio Giulio XR27 Handle



● Patinated iron





● French bronze

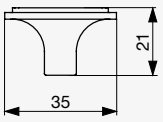
French bronze	Patinated iron	Material
F003231	F003232	Zamac

● Citterio Giulio XR27 Knob



● Patinated iron





● French bronze

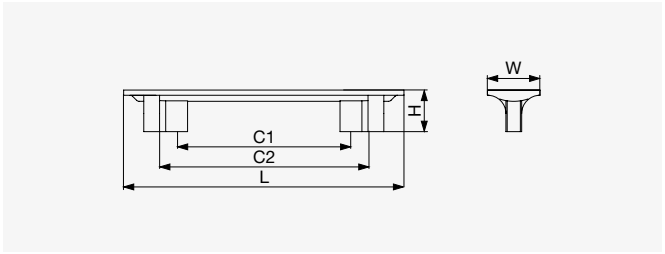
French bronze	Patinated iron	Material
F003233	F003234	Zamac

● Citterio Giulio XR26 Handle





● Polished brushed bronze



● Patinated silver

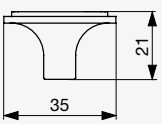
C1 / C2 [mm]	Patinated silver	Polished brushed bronze	L [mm]	H [mm]	W [mm]	Material
96 / 128	F003226	F003225	160	24	30	Zamac

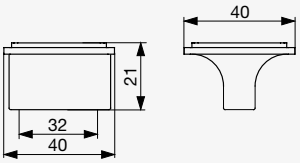
● Citterio Giulio XR26 Knob





● Polished brushed bronze





● Patinated silver

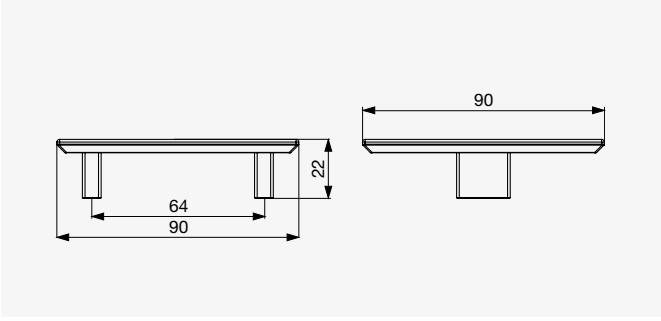
Dimension [mm]	Patinated silver	Polished brushed bronze	Material
35 × 35	F003228	F003227	Zamac
40 × 40	F003230	F003229	

● Citterio Giulio XH51 Handle





● Matt black



● Brushed dark bronze

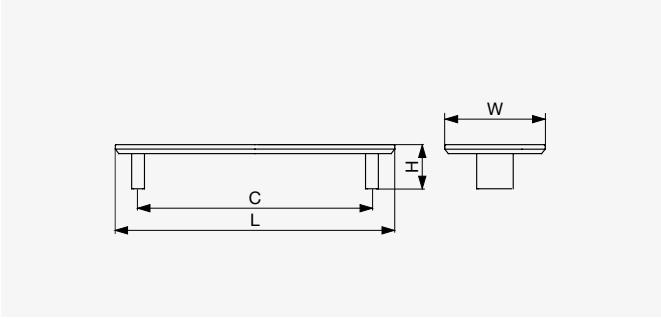
Brushed dark bronze	Matt black	Material
F003173	F003172	Zamac

● Citterio Giulio XH50 Handle





● Matt black



● Brushed dark bronze

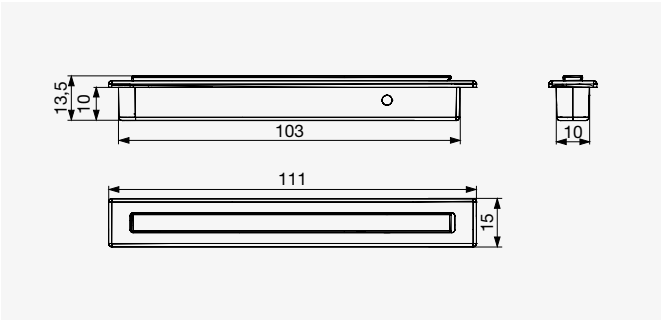
C [mm]	Brushed dark bronze	Matt black	L [mm]	H [mm]	W [mm]	Material
96	F003165	F003164	121	24.5	55	Zamac
128	F003167	F003166	153			
160	F003169	F003168	185			
192	F003171	F003170	217			

● Citterio Giulio XZ13 Recessed Handle





● Polished chrome



● Matt black

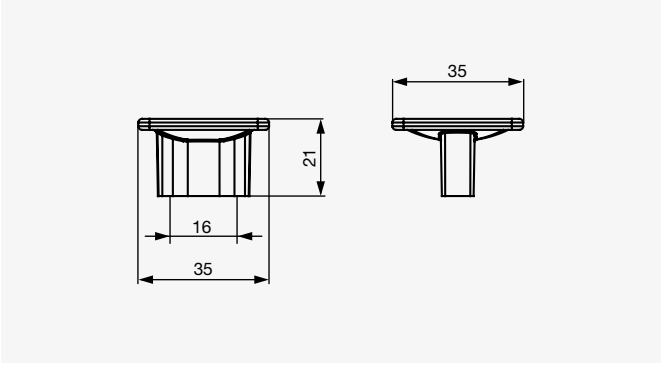
Matt black	Polished chrome	Material
F003158	F003159	Zamac

● Citterio Giulio XK19 Knob





● Patinated iron



● Natural bronze

Natural bronze	Patinated iron	Material
F003215	F003216	Zamac

CONTENT

Porcelain Handles and Knobs

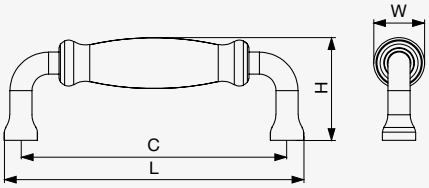


RiexTouch XR21 Handle



● Patinated gold / porcelain

● Patinated brown / porcelain



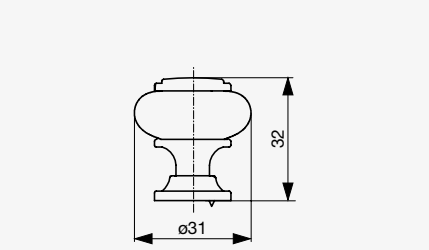
C [mm]	Patinated brown / porcelain	Patinated gold / porcelain	L [mm]	H [mm]	W [mm]	Material
96	F002787	F002789	108	27	19	Zinc
128	F002788	F002790	140	38	20	

RiexTouch XR22 Knob



● Patinated gold / porcelain

● Patinated brown / porcelain



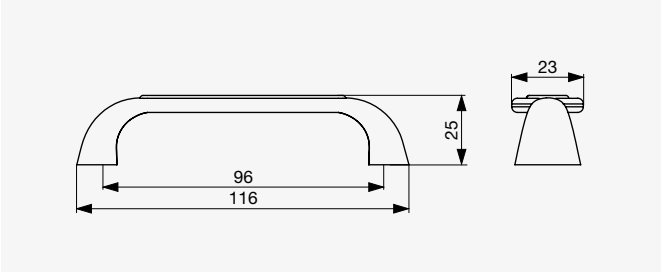
Patinated brown / porcelain	Patinated gold / porcelain	Material
F002791	F002792	Zinc

● Citterio Giulio XR28 Handle





● Matt bronze / porcelain



● Matt chrome / porcelain

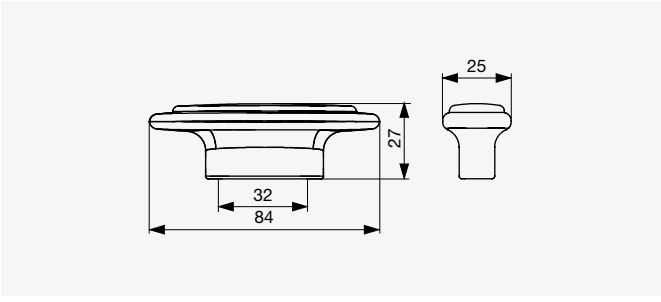
Matt chrome / porcelain	Matt bronze / porcelain	Material
F003236	F003235	Zamac

● Citterio Giulio XR28 Knob





● Matt bronze / porcelain



● Matt chrome / porcelain

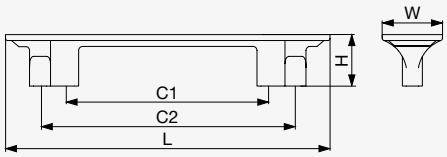
Matt chrome / porcelain	Matt bronze / porcelain	Material
F003238	F003237	Zamac

● Citterio Giulio XR29 Handle





● Matt bronze / porcelain



● Matt nickel / porcelain

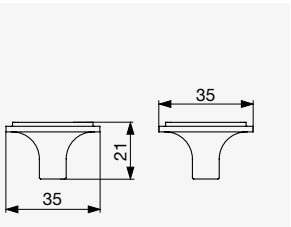
C1 / C2 [mm]	Matt nickel / porcelain	Matt bronze / porcelain	L [mm]	H [mm]	W [mm]	Material
96 / 128	F003240	F003239	162	26	30	Zamac

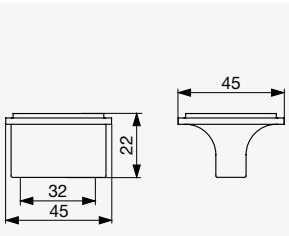
● Citterio Giulio XR29 Knob





● Matt bronze / porcelain





● Matt nickel / porcelain

Dimension [mm]	Matt nickel / porcelain	Matt bronze / porcelain	Material
35 × 35	F003242	F003241	Zamac
45 × 45	F003244	F003243	

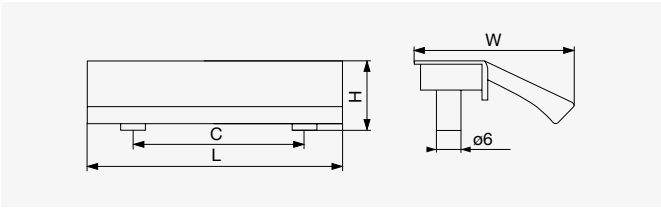
Plastic Handles and Knobs

● Citterio Giulio XD01 Handle





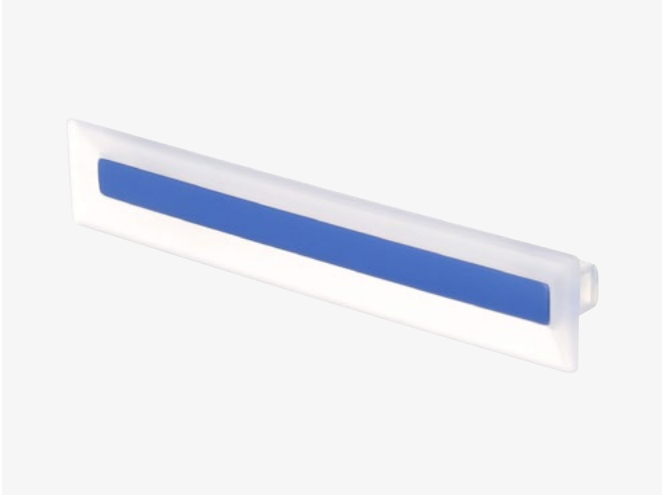
● Polished chrome / transparent polycarbonate



● Titanium bronze / brown polycarbonate

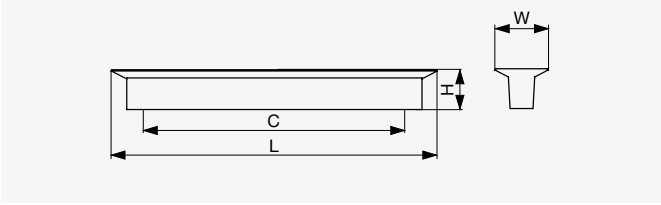
C [mm]	Titanium bronze / brown polycarbonate	Polished chrome / transparent polycarbonate	L [mm]	H [mm]	W [mm]	Material
32	F003161	F003160	65	16	36	Zamac & polycarbonate
128	F003163	F003162	160			

● Citterio Giulio XD02 Handle





● Pink



● Blue

C [mm]	Blue	Pink	L [mm]	H [mm]	W [mm]	Material
96	F003196	F003197	140	21	29	Zamac & rubber
128	F003198	F003199	172			
160	F003200	F003201	204			

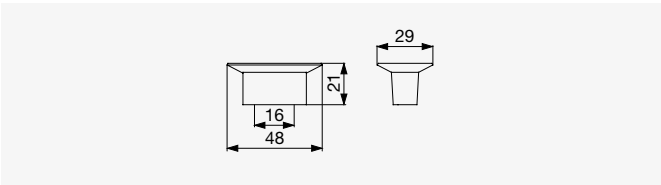
● Citterio Giulio XD02 Knob



● Pink

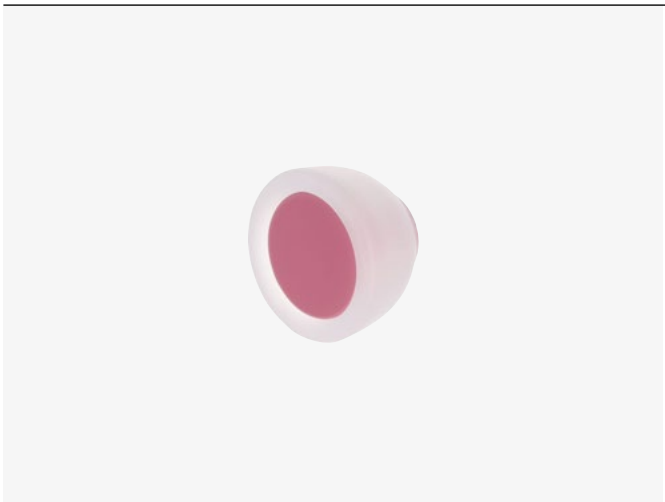


● Blue

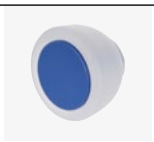


Pink	Blue	Material
F003195	F003194	Zamac & rubber

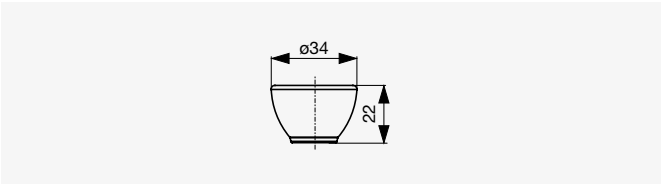
● Citterio Giulio XD03 Knob



● Pink

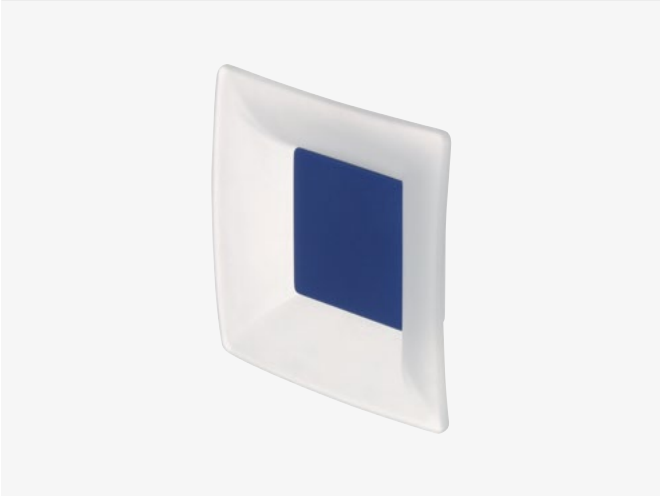


● Blue



Pink	Blue	Material
F003203	F003202	Zamac & rubber

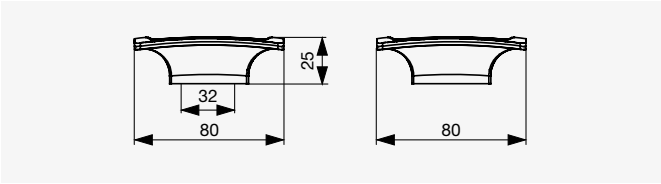
● Citterio Giulio XD04 Knob



● Blue



● Pink



Blue	Pink	Material
F003204	F003205	Zamac & rubber

CONTENT

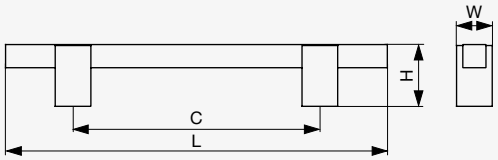
Wooden Handles and Knobs



RiexTouch XT10 Handle



The same design knob on p. 4.78.



Lacquered natural oak / Lacquered black stained oak

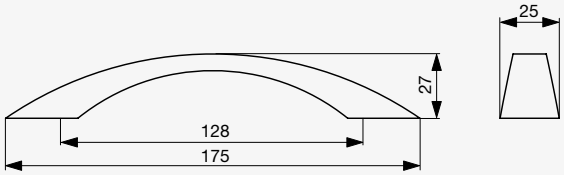
C [mm]	Lacquered natural oak / Lacquered black stained oak	L [mm]	H [mm]	W [mm]	Material
128	F004976	198	32	18.5	Wood
224	F004977	294			

RiexTouch XT07 Handle



Unlacquered natural oak



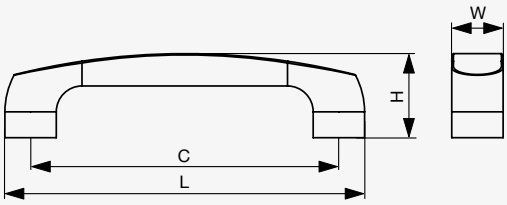


Lacquered natural oak

Lacquered natural oak	Unlacquered natural oak	Material
F004970	F004971	Wood

RiexTouch XT13 Handle





Lacquered natural pine

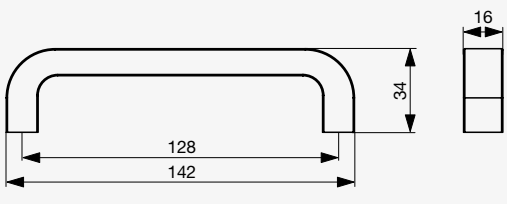
C [mm]	Lacquered natural pine	L [mm]	H [mm]	W [mm]	Material
96	F004985	112	26	16	Wood
128	F004986	144			

RiexTouch XT08 Handle





Lacquered natural oak



Lacquered natural beech

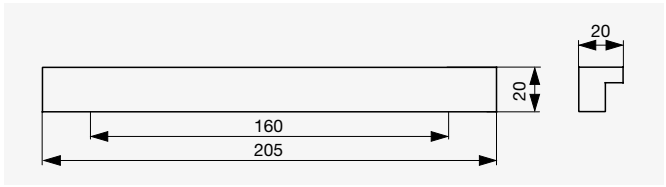
Lacquered natural beech	Lacquered natural oak	Material
F004972	F004973	Wood

RiexTouch XT09 Handle





Lacquered natural oak

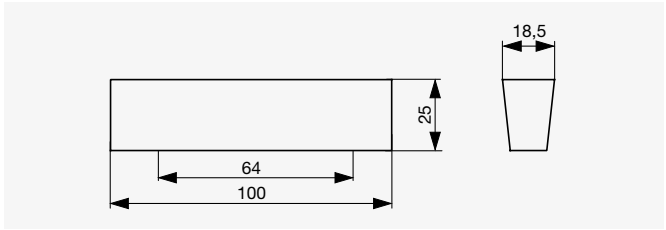


Unlacquered natural oak

Unlacquered natural oak	Lacquered natural oak	Material
F004974	F004975	Wood

RiexTouch XT14 Handle





Lacquered natural oak

Lacquered natural oak	Material
F004987	Wood

RiexTouch XT12 Handle

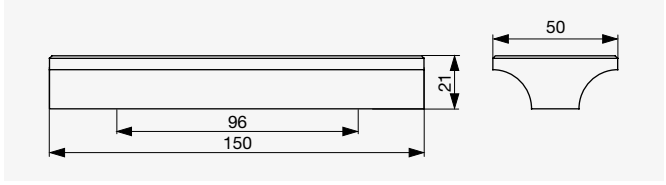




Unlacquered natural oak



Lacquered natural oak



● Lacquered black stained oak

Lacquered black stained oak	Unlacquered natural oak	Lacquered natural oak	Material
F004982	F004983	F004984	Wood

RiexTouch XT01 Knob





Unlacquered natural beech



Unlacquered natural pine



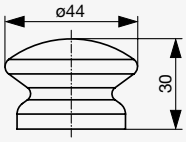
Lacquered natural oak



Lacquered natural beech



Lacquered natural pine



Unlacquered natural oak

Unlacquered natural oak	Unlacquered natural beech	Unlacquered natural pine	Lacquered natural oak	Lacquered natural beech	Lacquered natural pine	Material
F004940	F004941	F004942	F004943	F004944	F004945	Wood

RiexTouch XT04 Knob





Unlacquered natural beech



Unlacquered natural pine



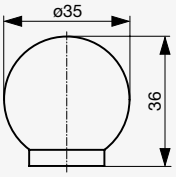
Lacquered natural oak



Lacquered natural beech



Lacquered natural pine



Unlacquered natural oak

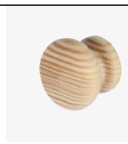
Unlacquered natural oak	Unlacquered natural beech	Unlacquered natural pine	Lacquered natural oak	Lacquered natural beech	Lacquered natural pine	Material
F004958	F004959	F004960	F004961	F004962	F004963	Wood

RiexTouch XT02 Knob





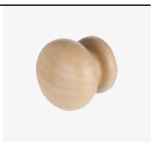
Unlacquered natural beech



Unlacquered natural pine



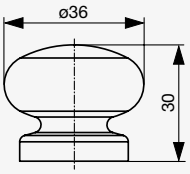
Lacquered natural oak



Lacquered natural beech



Lacquered natural pine

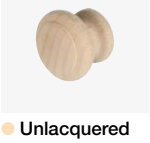


Unlacquered natural oak

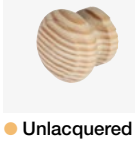
Unlacquered natural oak	Unlacquered natural beech	Unlacquered natural pine	Lacquered natural oak	Lacquered natural beech	Lacquered natural pine	Material
F004946	F004947	F004948	F004949	F004950	F004951	Wood

RiexTouch XT03 Knob

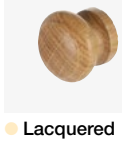




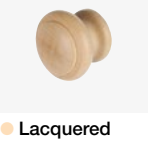
Unlacquered natural beech



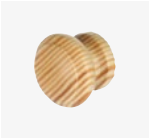
Unlacquered natural pine



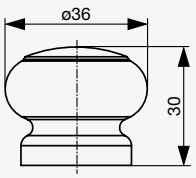
Lacquered natural oak



Lacquered natural beech



Lacquered natural pine



Unlacquered natural oak

Unlacquered natural oak	Unlacquered natural beech	Unlacquered natural pine	Lacquered natural oak	Lacquered natural beech	Lacquered natural pine	Material
F004952	F004953	F004954	F004955	F004956	F004957	Wood

RiexTouch XT05 Knob

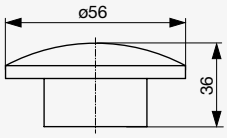




Unlacquered natural beech



Unlacquered natural pine



Unlacquered natural oak

Unlacquered oak	Unlacquered natural beech	Unlacquered natural pine	Material
F004964	F004965	F004966	Wood

RiexTouch XT11 Knob

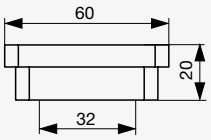




Lacquered natural oak



Lacquered black stained oak



Unlacquered natural oak

Unlacquered natural oak	Lacquered natural oak	Lacquered black stained oak	Material
F004979	F004980	F004981	Wood

RiexTouch XT06 Knob

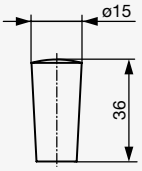




Unlacquered natural beech



Unlacquered natural pine

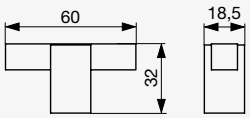


Unlacquered natural oak

Unlacquered natural oak	Unlacquered natural beech	Unlacquered natural pine	Material
F004967	F004968	F004969	Wood

RiexTouch XT10 Knob





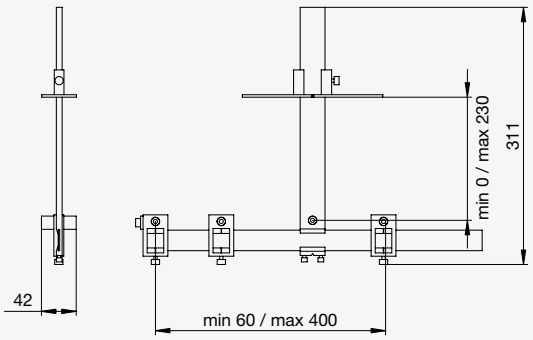
The same design handle on p. 4.72.

Lacquered natural oak / Lacquered black stained oak

Lacquered natural oak / Lacquered black stained oak	Material
F004978	Wood

Riex Mounting Template for Handles





Type	Code
For Handles	F008292

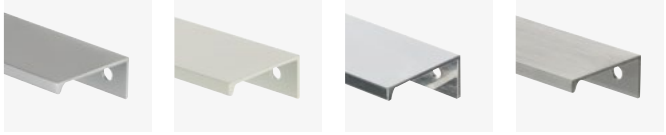
CONTENT

Screw-On and Drive-In Profiles

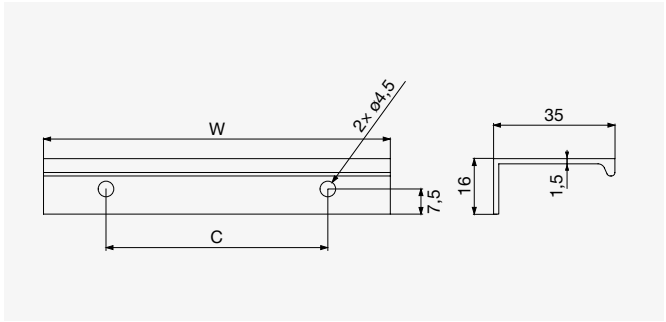


RiexTouch XP01 Screw Profile





● Anodised aluminium ○ Matt white ● Polished chrome ● Stainless steel imitation



● Matt black

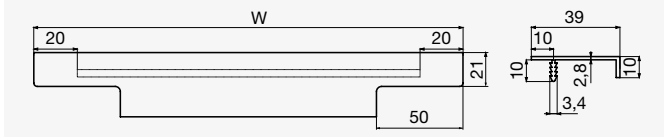
Dimension C [mm]	Matt black	Anodised aluminium	Matt white	Polished chrome	Stainless steel imitation	Dimension W [mm]
32	F001444	F001429	F001435	F001423	F001417	52
64	F001442	F001430	F001436	F001424	F001418	84
96	F001445	F001431	F001437	F001425	F001419	116
160	F001441	F001432	F001438	F001426	F001420	180
320	F001443	F001433	F001439	F001427	F001421	340
480	F001446	F001434	F001440	F001428	F001422	500

RiexTouch XP41 Drive-In Profile





● Anodised aluminium ● Matt black ○ Matt white



● Stainless steel imitation

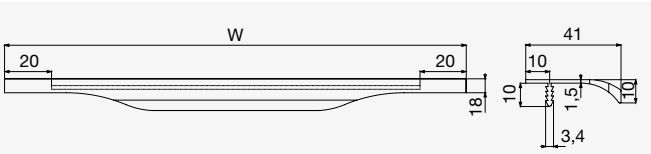
Dimension W [mm]	Stainless steel imitation	Anodised aluminium	Matt black	Matt white
146	F007401	F007402	F007403	F007404
196	F001447	F001457	F001467	F001477
296	F001448	F001458	F001468	F001478
396	F001449	F001459	F001469	F001479
446	F001450	F001460	F001470	F001480
496	F001451	F001461	F001471	F001481
596	F001452	F001462	F001472	F001482
696	F001453	F001463	F001473	F001483
796	F001454	F001464	F001474	F001484
896	F001455	F001465	F001475	F001485
996	F001456	F001466	F001476	F001486

RiexTouch XP45 Drive-In Profile





● Anodised aluminium ● Brushed black ○ Matt white ● Matt black



● Stainless steel imitation

W [mm]	Stainless steel imitation	Anodised aluminium	Brushed black	Matt white	Matt black	Material
146	F007398	F007399	×	F007400	F007387	
196	F001487	F001497	F001507	F001517	F007388	
296	F001488	F001498	F001508	F001518	F007389	
396	F001489	F001499	F001509	F001519	F007390	
446	F001490	F001500	F001510	F001520	F007391	
496	F001491	F001501	F001511	F001521	F007392	Aluminium
596	F001492	F001502	F001512	F001522	F007393	
696	F001493	F001503	F001513	F001523	F007394	
796	F001494	F001504	F001514	F001524	F007395	
896	F001495	F001505	F001515	F001525	F007396	
996	F001496	F001506	F001516	F001526	F007397	

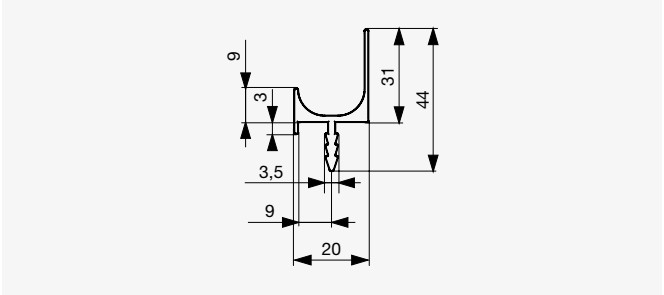
Not suitable for 19 mm front.

RiexTouch XP60 Drive-In Profile





● Stainless steel imitation



● Anodised aluminium

Length [mm]	Anodised aluminium	Stainless steel imitation	Material
2900	F002319	F002320	Aluminium

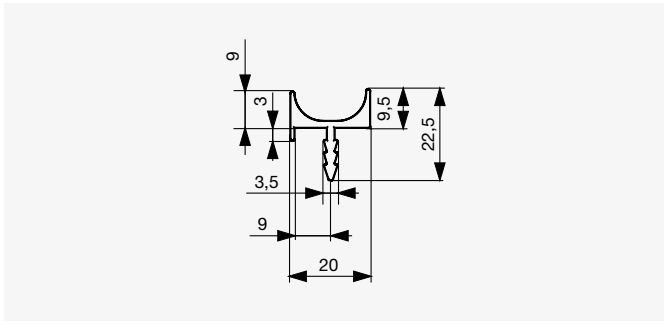
Not suitable for 19 mm front.

RiexTouch XP63 Drive-In Profile





Stainless steel imitation



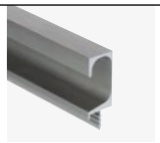
Anodised aluminium

Length [mm]	Anodised aluminium	Stainless steel imitation	Material
2900	F002321	F002322	Aluminium

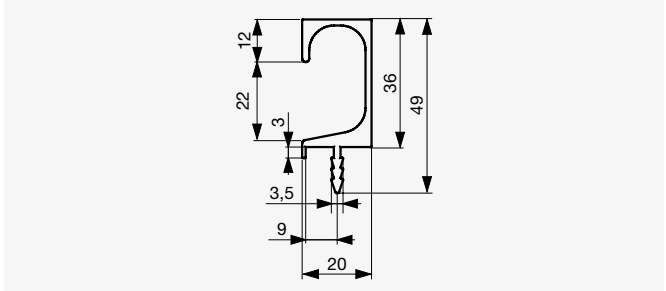
Not suitable for 19 mm front.

RiexTouch XP65 Drive-In Profile





Stainless steel imitation



Anodised aluminium

Length [mm]	Anodised aluminium	Stainless steel imitation	Material
2900	F002323	F002324	Aluminium

Not suitable for 19 mm front.

Gola Profiles



RiexTouch XG20 Gola L Shape

L1 RiexTouch XG20 Gola L Profile



● Matt black



● Anodised aluminium

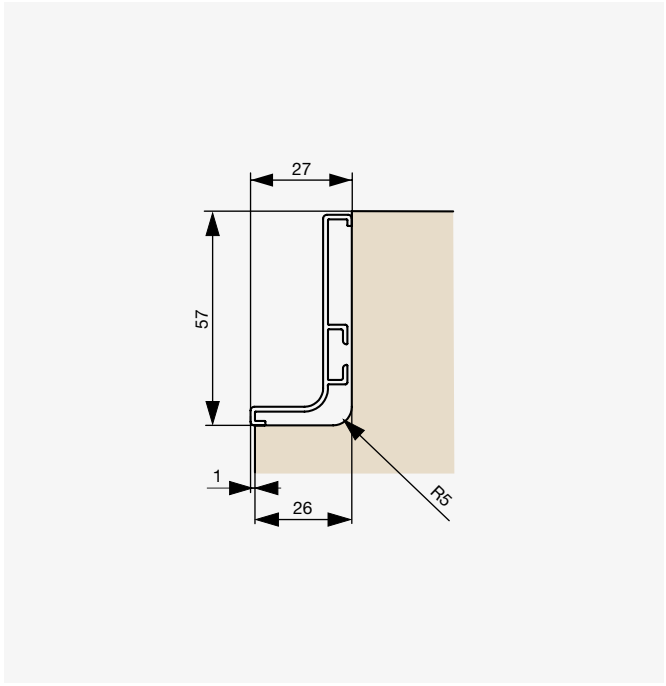


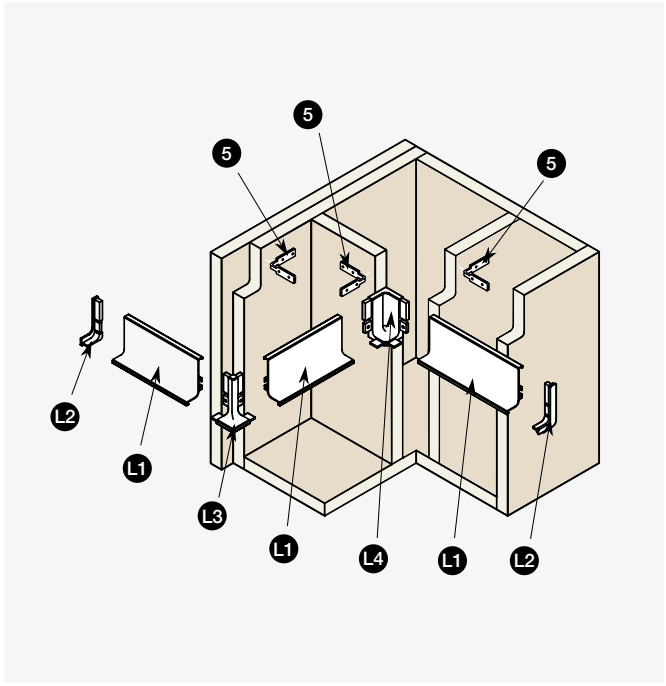
● Stainless steel imitation



○ Matt white

Horizontal Gola system.
Profile bracket on p. 4.88.





Length [mm]	Matt black	Anodised aluminium	Stainless steel imitation	Matt white	Material
2900	F002286	F002283	F002284	F002285	Aluminium

L2 RiexTouch XG20 Gola Open End Pieces





● Anodised aluminium



● Stainless steel imitation



○ Matt white

Colour shade of the end caps and profiles may vary slightly due to the different material.

Set of left and right open end pieces.

● Matt black

Matt black	Anodised aluminium	Stainless steel imitation	Matt white	Material
F002300	F002291	F002294	F002297	Aluminium

L3 RiexTouch XG20 Gola Outer Corner





● Anodised aluminium



● Stainless steel imitation

○ Matt white

Colour shade of the end caps and profiles may vary slightly due to the different material.

● Matt black

Matt black	Anodised aluminium	Stainless steel imitation	Matt white	Material
F002301	F002292	F002295	F002298	Aluminium

L4 RiexTouch XG20 Gola Inner Corner





● Anodised aluminium



● Stainless steel imitation



○ Matt white

Colour shade of the end caps and profiles may vary slightly due to the different material.

● Matt black

Matt black	Anodised aluminium	Stainless steel imitation	Matt white	Material
F002302	F002293	F002296	F002299	Aluminium

RiexTouch XG20 Gola C Shape

C1 RiexTouch XG20 Gola C Profile



● Matt black



● Anodised aluminium

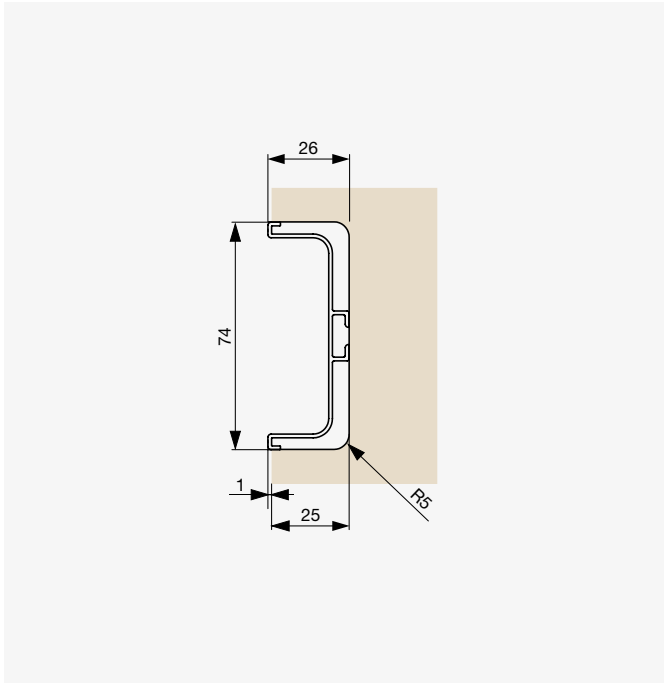


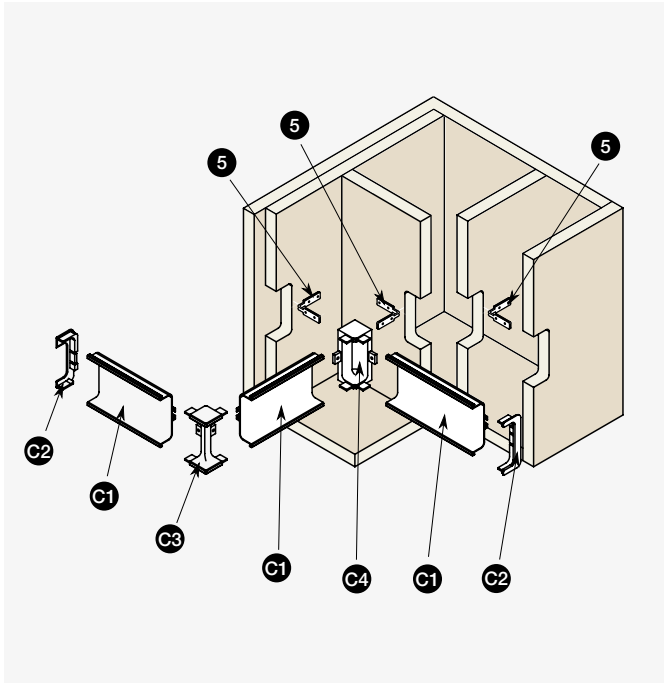
● Stainless steel imitation



○ Matt white

Horizontal Gola system.
Profile bracket on p. 4.88.





Length [mm]	Matt black	Anodised aluminium	Stainless steel imitation	Matt white	Material
2900	F002290	F002287	F002288	F002289	Aluminium

C2 RiexTouch XG20 Gola Open End Pieces





● Anodised aluminium



● Stainless steel imitation



○ Matt white

Colour shade of the end caps and profiles may vary slightly due to the different material.

Set of left and right open end pieces.

● Matt black

Matt black	Anodised aluminium	Stainless steel imitation	Matt white	Material
F002312	F002303	F002306	F002309	Aluminium

C3 RiexTouch XG20 Gola Outer Corner





● Anodised aluminium



● Stainless steel imitation



○ Matt white

Colour shade of the end caps and profiles may vary slightly due to the different material.

● Matt black

Matt black	Anodised aluminium	Stainless steel imitation	Matt white	Material
F002313	F002304	F002307	F002310	Aluminium

C4 RiexTouch XG20 Gola Inner Corner





● Anodised aluminium



● Stainless steel imitation

○ Matt white

Colour shade of the end caps and profiles may vary slightly due to the different material.

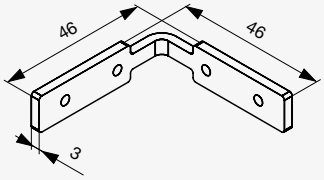
● Matt black

Matt black	Anodised aluminium	Stainless steel imitation	Matt white	Material
F002314	F002305	F002308	F002311	Aluminium

RiexTouch XG20 Gola Accessories

❺ RiexTouch XG20 Gola Profile Bracket

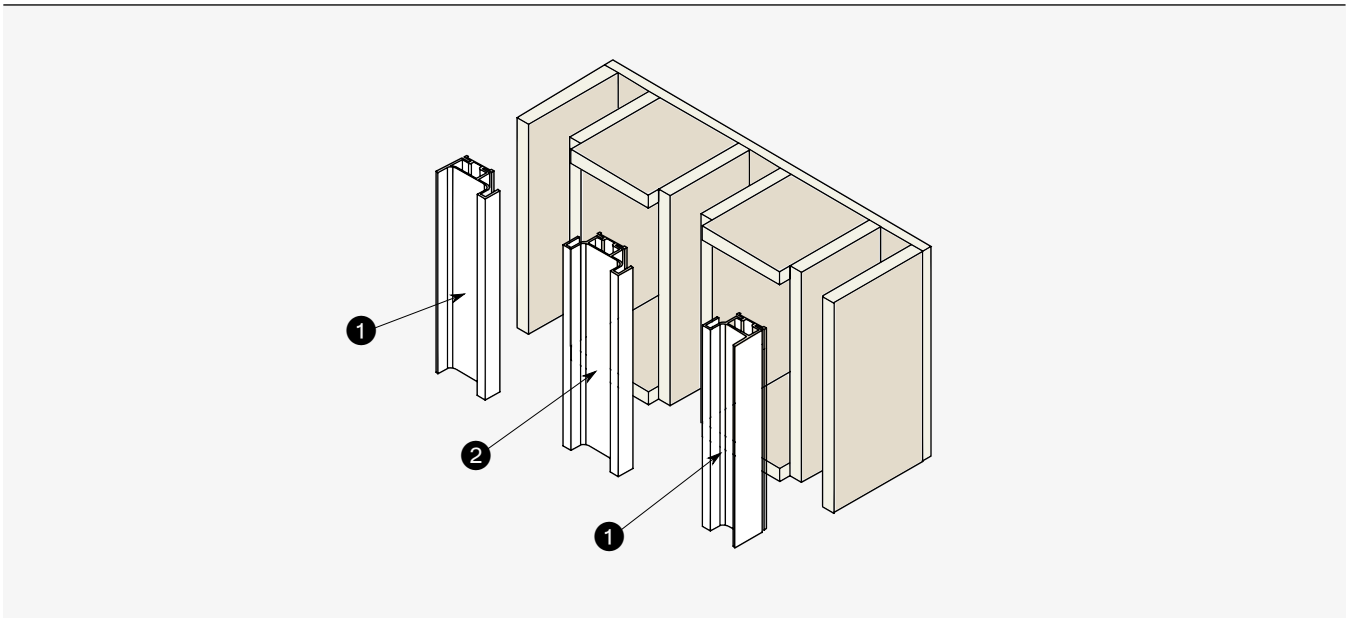




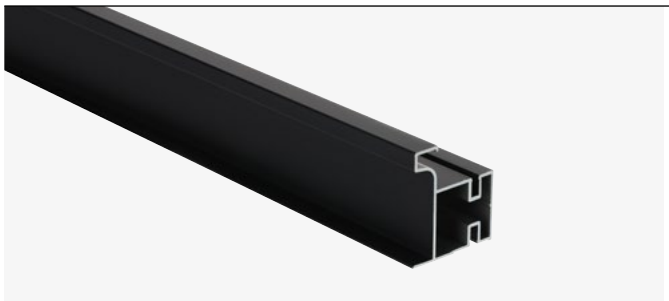
Package content:
- 1 profile bracket
- 2 screws
- 2 under-screw washers

Code	Material
F002315	Aluminium

RiexTouch XG10 Gola



❶ RiexTouch XG10 Gola Vertical Side Profile



● Matt black



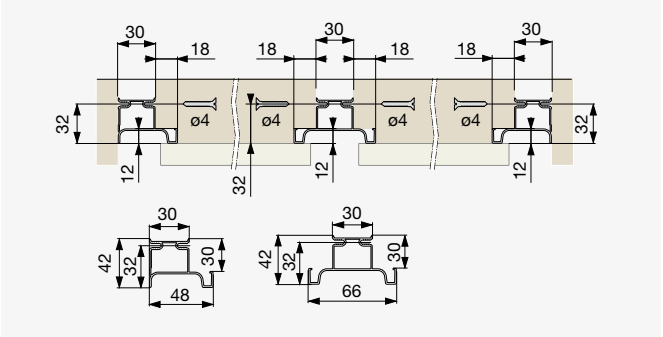
● Anodised aluminium



● Stainless steel imitation

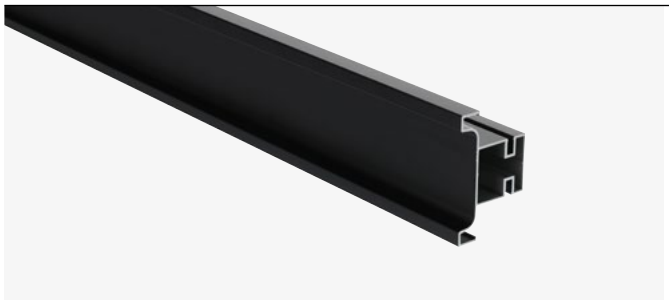


○ Matt white



Length [mm]	Matt black	Anodised aluminium	Stainless steel imitation	Matt white	Material
2900	F002747	F002744	F002745	F002746	Aluminium

❷ RiexTouch XG10 Gola
Vertical Central Profile





● Anodised aluminium

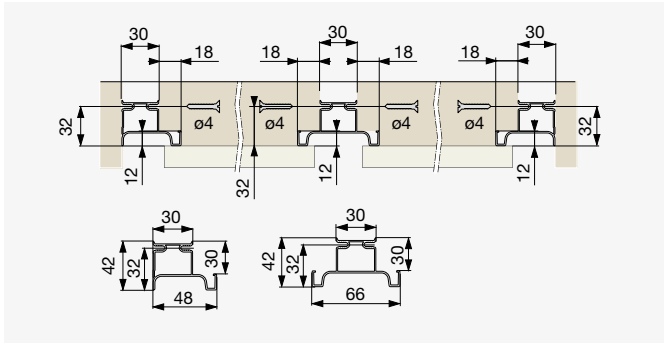


● Stainless steel imitation



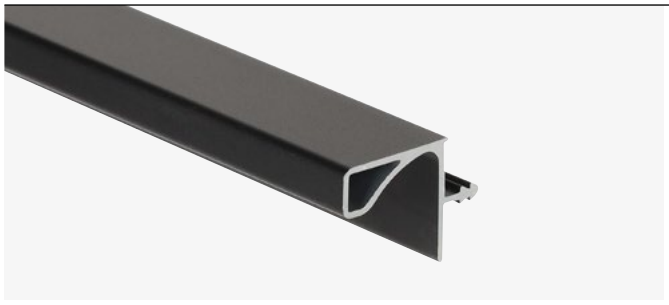
○ Matt white

● Matt black



Length [mm]	Matt black	Anodised aluminium	Stainless steel imitation	Matt white	Material
2900	F002751	F002748	F002749	F002750	Aluminium

❹ RiexTouch XG10 Gola
Horizontal Door Profile for Top Cabinets





● Anodised aluminium

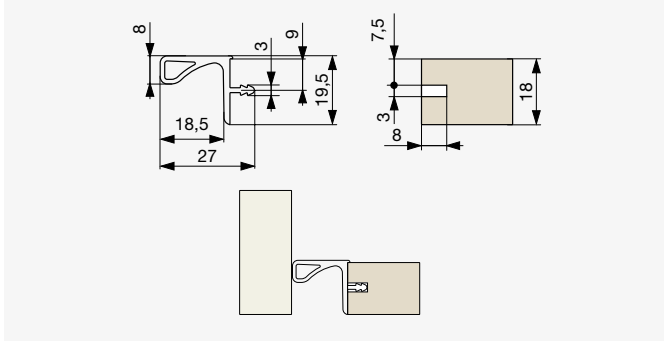


● Stainless steel imitation



○ Matt white

● Matt black



Length [mm]	Matt black	Anodised aluminium	Stainless steel imitation	Matt white	Material
2900	F002755	F002752	F002753	F002754	Aluminium

CONTENT

Hooks



RiexTouch XV23 Hook





Stainless steel imitation

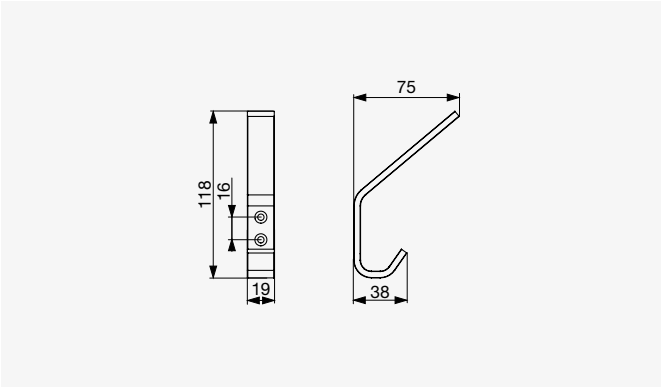


Brushed black



Matt black

Matt white



Brushed gold

Brushed gold	Stainless steel imitation	Brushed black	Matt black	Matt white	Material
F002458	F002456	F002457	F002635	F002636	Aluminium

RiexTouch XV01 Hook





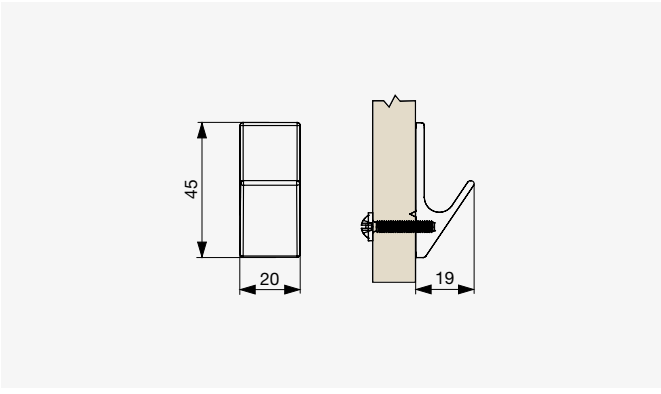
Polished chrome



Brushed nickel



Matt black



Matt chrome

Matt chrome	Polished chrome	Brushed nickel	Matt black	Material
F002483	F002482	F002484	F002485	Zinc

RiexTouch XV14 Hook





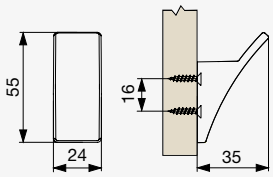
Polished chrome



Matt chrome



Brushed nickel



Matt black

Matt black	Polished chrome	Matt chrome	Brushed nickel	Material
F002448	F002445	F002446	F002447	Zinc

RiexTouch XK09 Hook

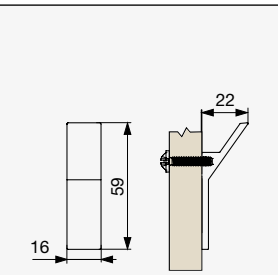




Brushed gold



Matt chrome



The same design knob on p. 4.41.

Matt anthracite

Matt anthracite	Brushed gold	Matt chrome	Material
F002594	F002593	F002595	Zinc

RiexTouch XV25 Hook





Matt nickel

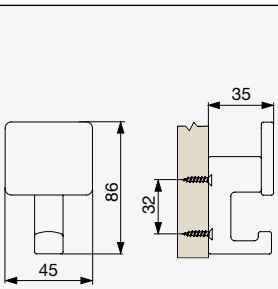


Matt black

Matt white



Glossy gold



Matt chrome

Matt chrome	Matt nickel	Matt black	Matt white	Glossy gold	Material
F002464	F002463	F002465	F002466	F002467	Zinc

RiexTouch XV34 Hook





● Brushed nickel



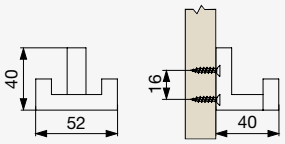
● Matt chrome



● Matt black



○ Matt white



● Polished chrome

Polished chrome	Brushed nickel	Matt chrome	Matt black	Matt white	Material
F002478	F002477	F002479	F002480	F002481	Zamac

RiexTouch XV33 Hook





● Brushed nickel



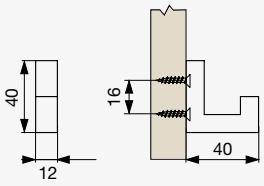
● Matt chrome



● Matt black



○ Matt white

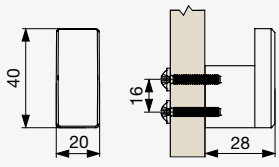


● Polished chrome

Polished chrome	Brushed nickel	Matt chrome	Matt black	Matt white	Material
F002473	F002472	F002474	F002475	F002476	Zamac

RiexTouch XV28 Hook





The same design handle on p. 4.25.
The same design knob on p. 4.40.

Matt black	Material
F002468	Aluminium

● Matt black

RiexTouch XV44 Hook





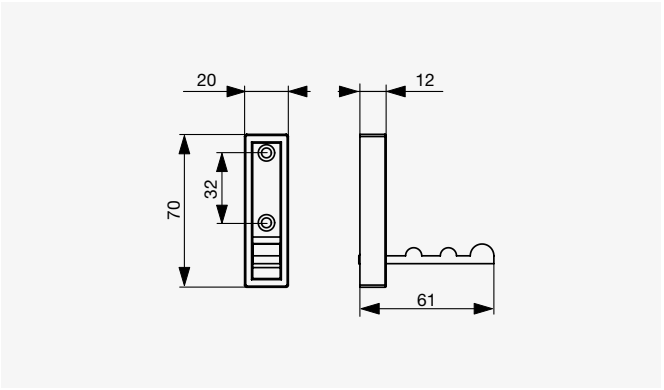
○ Matt white



● Polished chrome



● Brushed nickel



● Matt black

Matt black	Matt white	Polished chrome	Brushed nickel	Material
F008287	F008285	F008286	F008284	Zamac

RiexTouch XV45 Hook





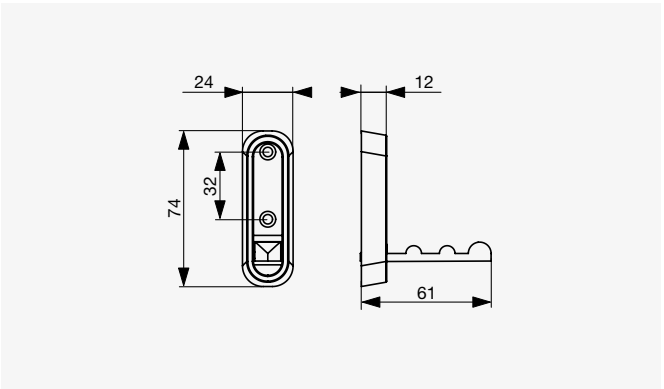
○ Matt white



● Polished chrome



● Brushed nickel



● Matt black

Matt black	Matt white	Polished chrome	Brushed nickel	Material
F008291	F008289	F008290	F008288	Zamac

RiexTouch XV38 Hook

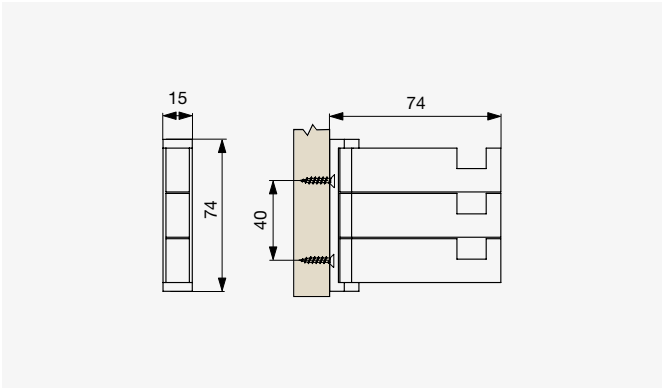




Polished chrome



Stainless steel imitation

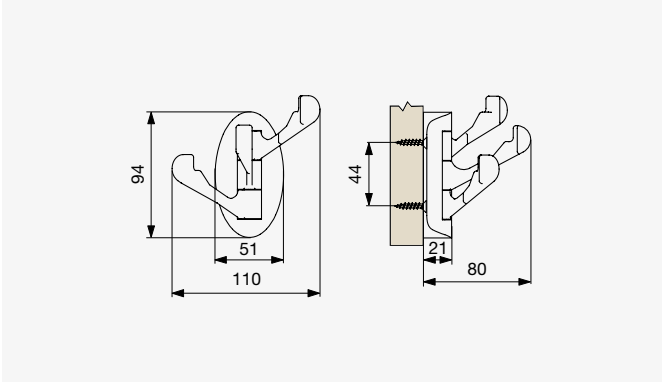


Matt nickel

Matt nickel	Polished chrome	Stainless steel imitation	Material
F002644	F002643	F007556	Zinc

RiexTouch XV35 Hook





Matt nickel

Matt nickel	Material
F002634	Zamac

RiexTouch XV32 Hook

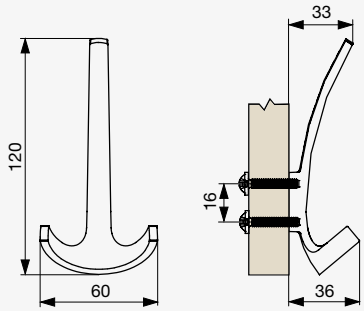




Matt chrome



Brushed nickel



Matt black

Matt black	Matt chrome	Brushed nickel	Material
F002471	F002469	F002470	Zinc

RiexTouch XV21 Hook

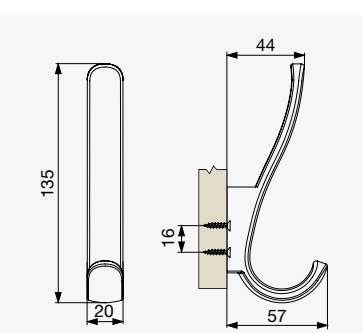




Matt chrome



Polished chrome



Matt nickel

Matt nickel	Matt chrome	Polished chrome	Material
F002454	F002453	F002455	Zamac

RiexTouch XV19 Hook





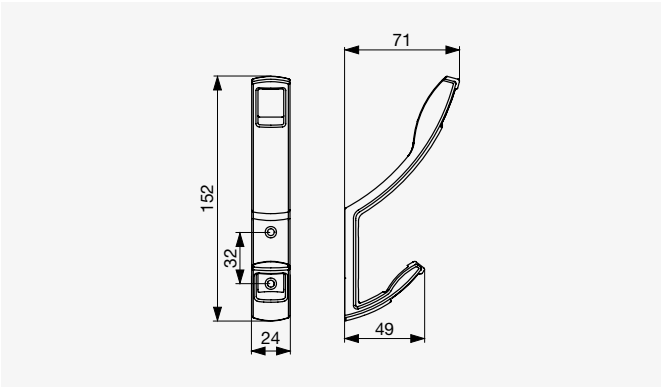
Matt chrome



Matt nickel



Matt black



Polished chrome

Polished chrome	Matt chrome	Matt nickel	Matt black	Material
F002452	F002449	F002450	F002451	Zamac

RiexTouch XV04 Hook





Matt chrome



Matt nickel



Patinated gold



Polished chrome



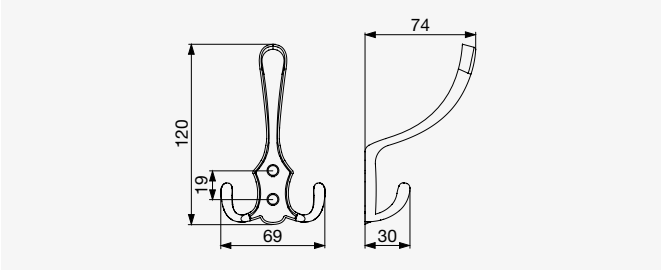
Polished gold



Matt black



Matt white



Patinated bronze

Patinated bronze	Matt chrome	Matt nickel	Patinated gold	Polished chrome	Polished gold	Matt black	Matt white	Material
F002426	F002419	F002420	F002421	F002422	F002423	F002424	F002425	Zamac

RiexTouch XV03 Hook





Matt chrome



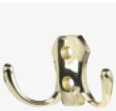
Matt nickel



Patinated gold



Polished chrome



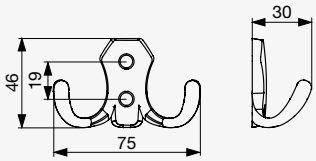
Polished gold



Matt black



Matt white



Patinated bronze

Patinated bronze	Matt chrome	Matt nickel	Patinated gold	Polished chrome	Polished gold	Matt black	Matt white	Material
F002418	F002411	F002412	F002413	F002414	F002415	F002416	F002417	Zamac

RiexTouch XV07 Hook

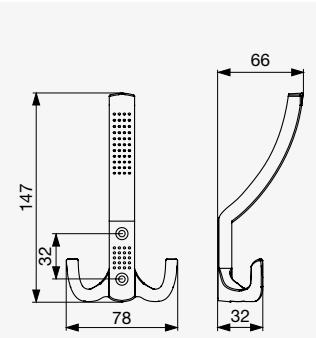




Polished chrome



Matt chrome



Matt nickel

Matt nickel	Polished chrome	Matt chrome	Material
F002432	F002430	F002431	Zamac

RiexTouch XV05 Hook

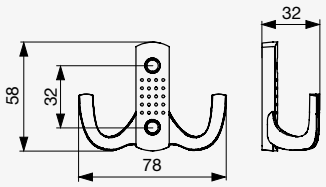




Polished chrome



Matt chrome



Matt nickel

Matt nickel	Polished chrome	Matt chrome	Material
F002429	F002427	F002428	Zamac

RiexTouch XV02 Hook ECONOMY





Matt chrome



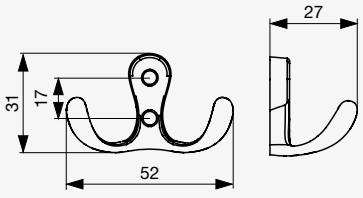
Matt nickel



Polished chrome



Matt black



Glossy white

Glossy white	Matt chrome	Matt nickel	Polished chrome	Matt black
F002410	F002406	F002407	F002408	F002409

RiexTouch XV11 Hook

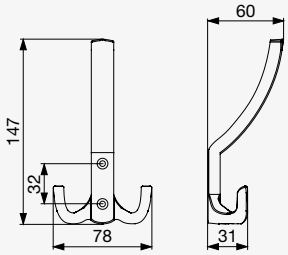




Matt chrome



Matt nickel



Polished chrome

Polished chrome	Matt chrome	Matt nickel	Material
F002436	F002437	F002438	Zamac

RiexTouch XV09 Hook

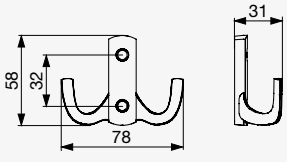




Matt chrome



Matt nickel

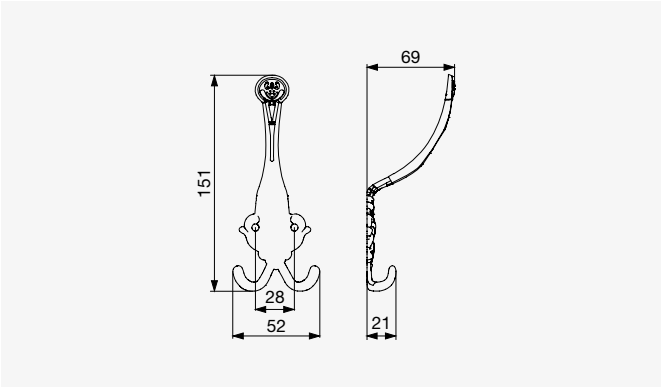


Polished chrome

Polished chrome	Matt chrome	Matt nickel	Material
F002433	F002434	F002435	Zamac

RiexTouch XV31 Hook



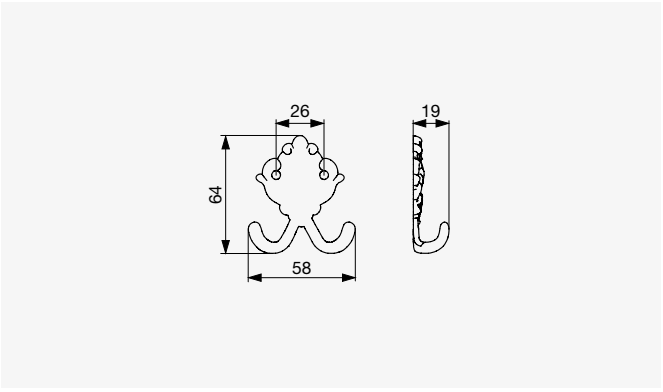


Patinated gold

Patinated gold	Material
F002642	Zamac

RiexTouch XV30 Hook

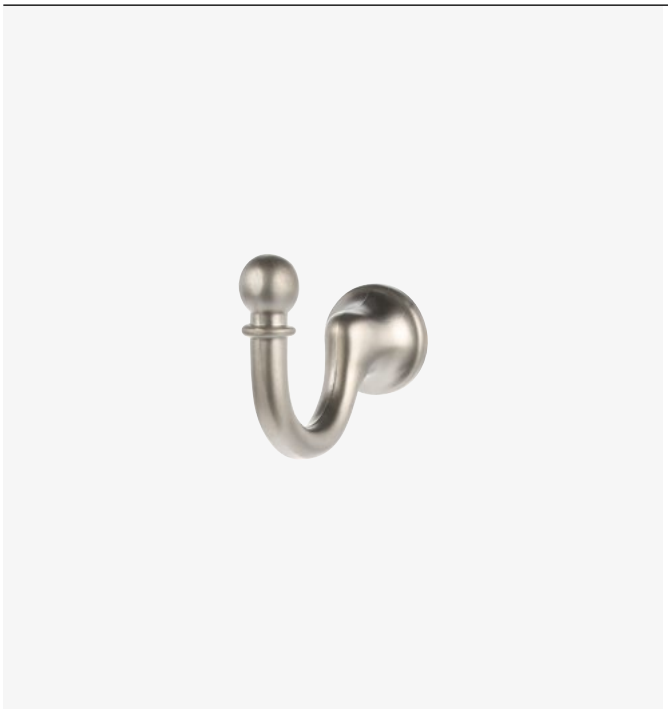


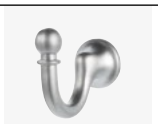


Patinated gold

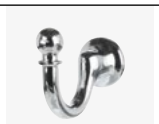
Patinated gold	Material
F002641	Zamac

RiexTouch XV24 Hook

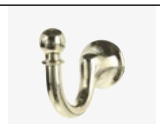




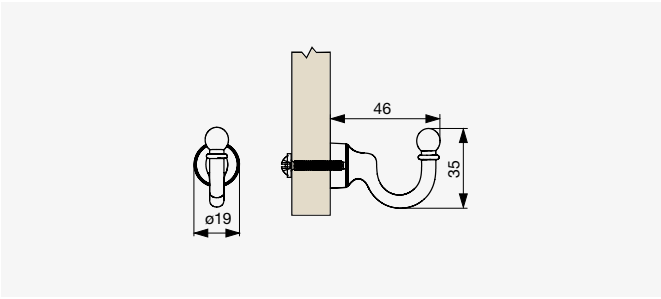
Matt chrome



Polished chrome



Polished gold



Matt nickel

Matt nickel	Matt chrome	Polished chrome	Polished gold	Material
F002459	F002460	F002461	F002462	Zamac

RiexTouch XV13 Hook





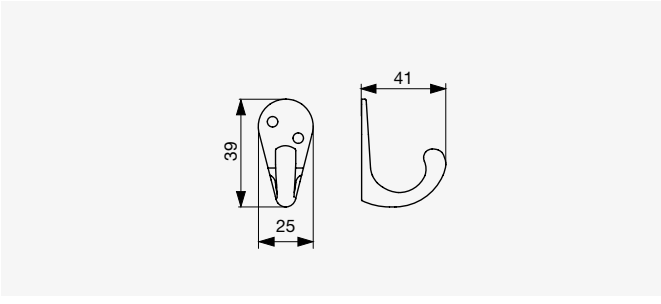
Matt chrome



Matt nickel



Polished chrome



Matt black

Matt black	Matt chrome	Matt nickel	Polished chrome	Material
F002640	F002637	F002638	F002639	Zamac

RiexTouch XV08 Hook ECONOMY





Matt chrome



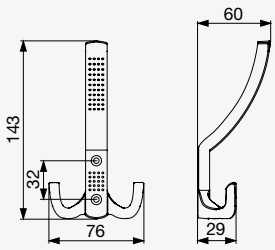
Matt nickel



Polished gold



Patinated bronze



Polished chrome

Polished chrome	Matt chrome	Matt nickel	Polished gold	Patinated bronze	Material
F002491	F002492	F002493	F002494	F002495	Zamac

RiexTouch XV06 Hook ECONOMY





Matt chrome



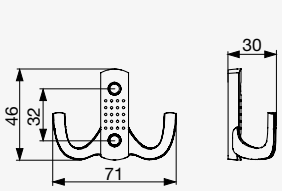
Matt nickel



Polished gold



Patinated bronze



Polished chrome

Polished chrome	Matt chrome	Matt nickel	Polished gold	Patinated bronze	Material
F002486	F002487	F002488	F002489	F002490	Zamac

RiexTouch XV12 Hook ECONOMY

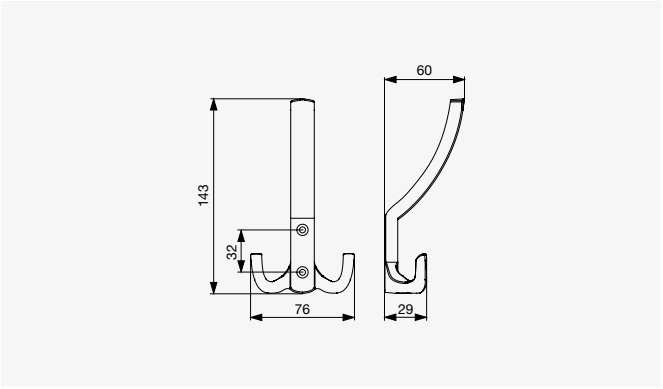




Polished chrome



Matt chrome



Matt nickel

Matt nickel	Polished chrome	Matt chrome	Material
F002442	F002443	F002444	Zamac

RiexTouch XV10 Hook ECONOMY

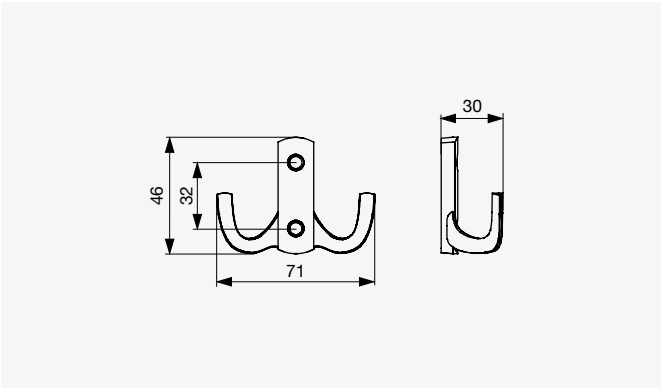




Polished chrome



Matt chrome



Matt nickel

Matt nickel	Polished chrome	Matt chrome	Material
F002439	F002440	F002441	Zamac

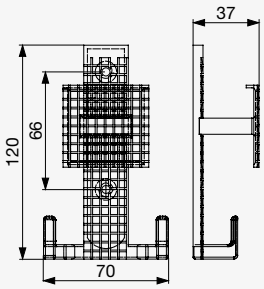
● Citterio Giulio XV39 Hook





● Polished chrome

The same design handle and knob on p. 4.57 and 4.58.



● Brushed french bronze

Brushed french bronze	Polished chrome	Material
F003263	F003262	Zamac

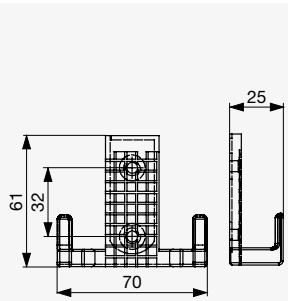
● Citterio Giulio XV40 Hook





● Brushed french bronze

The same design handle and knob on p. 4.57 and 4.58.



● Polished chrome

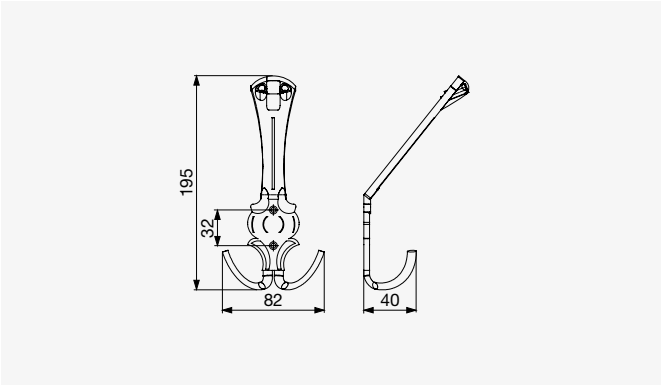
Polished chrome	Brushed french bronze	Material
F003264	F003265	Zamac

● Citterio Giulio XV42 Hook





● Natural bronze



● Patinated iron

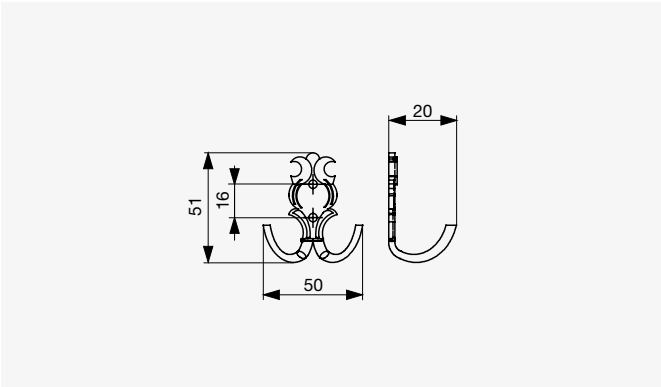
Patinated iron	Natural bronze	Material
F003269	F003268	Zamac

● Citterio Giulio XV41 Hook





● Natural bronze

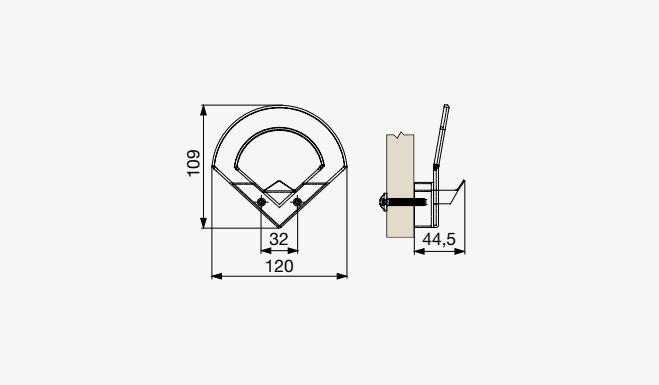


● Patinated iron

Patinated iron	Natural bronze	Material
F003267	F003266	Zamac

● Citterio Giulio XV43 Hook





● Polished chrome

Polished chrome	Material
F003270	Zamac & plastic

Furniture Legs, Glides and Castors

Our furniture legs and castors give you support where it‘s needed most, and they look good too. Choose from a wide range of wooden, plastic and metal feet and furniture glides. For castors, we offer products for domestic and industrial use, with interesting designs or high load capacity.



● **Kitchen Adjustable Legs** **5.3**

● **Furniture Adjustable Legs and Glides** **5.9**
Adjustable Furniture Legs 5.9
Glides 5.14

● **Furniture Legs** **5.16**

● **Plastic Furniture Legs** **5.29**

● **Wooden Furniture Legs** **5.35**

● **Furniture Castors** **5.37**

CONTENT

Kitchen Adjustable Legs

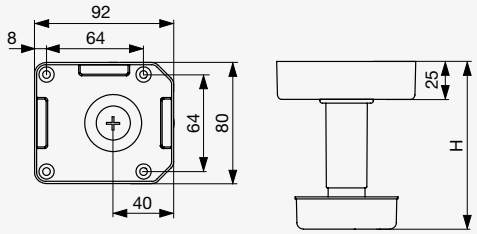
- Designed for high load capacity
- Ideal for bottom kitchen cabinets
- Optionally also for wardrobe applications
- 2 or 3 part composition



Riex GK50 Kitchen Legs



- Composed of 3 parts
- 4 heights
- Robust design
- Load capacity 250 kg per piece
- Possible to adjust from inside of the cabinet

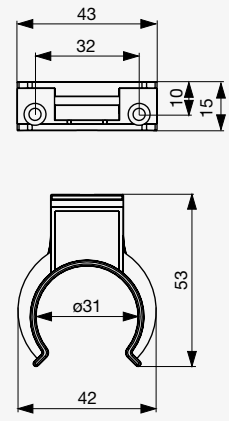


Height H [mm]	Code	Height adjustment [mm]
60	**F000339**	-10 / +15
100	**F000341**	-15 / +25
120	**F000342**	-25 / +25
150	**F000343**	-25 / +45

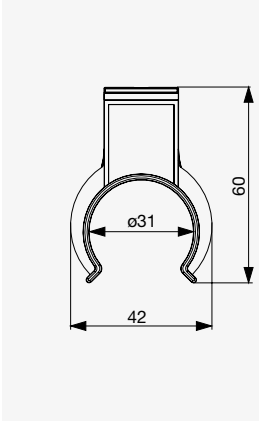
Riex GK50 Clip for Kitchen Legs







ⓘ **F000344**



ⓘ **F002927**

Clip type	Code
For screw	**F000344**
For plastic plinth	**F002927**

● Fennel Samson Kitchen Legs



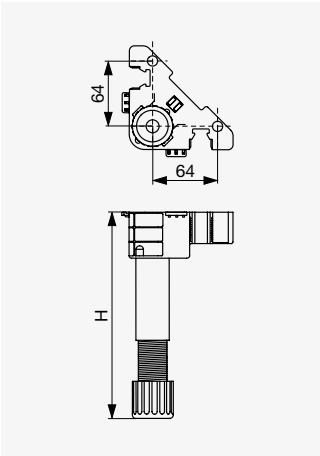
ⓘ Screw-on



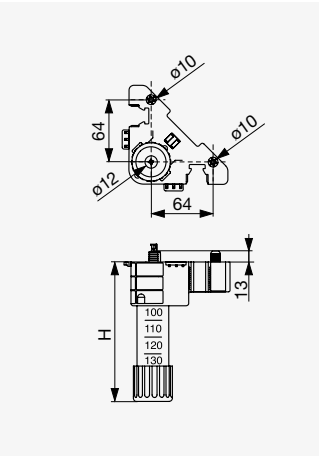


ⓘ With dowels

- Folding construction – easy transport and manipulation with cabinet
- 2 heights
- 2 types of connection
  - For screws
  - Quick mount with dowel 2× ø8 mm and 1× ø10 mm
- Robust design
- Load capacity 350 kg per piece



ⓘ F005027, F005028



ⓘ F005029, F005030

Connection type	Height H [mm]	Code	Height adjustment [mm]
Screw-on	100	**F005027**	-10 / +65
	150	**F005028**	-10 / +60
With dowels	100	**F005029**	-10 / +65
	150	**F005030**	-10 / +60

● Fennel Samson Accessories



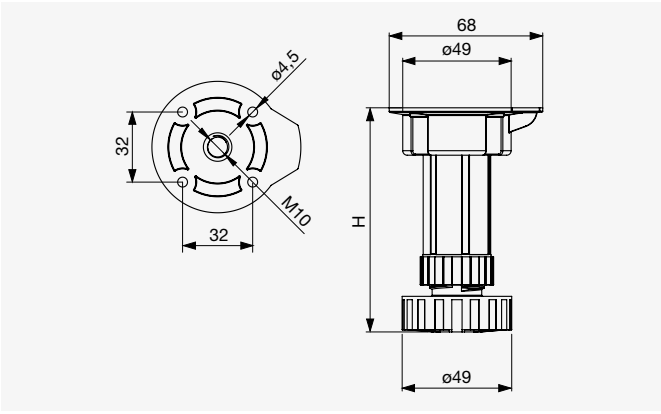


Clip type	Code
Rapid clip for prefabricated plinths with bottom sealing	**F005031**
Self adhesive [or screw on] clip for wooden panel plinths	**F005032**

Riex GK40 Kitchen Legs



- Composed of 3 parts
- 4 heights
- Slim construction with a high load capacity of 200 kg



Height H [mm]	Code	Height adjustment [mm]
80	**F002793**	-5/+15
100	**F002794**	
120	**F002795**	
150	**F002796**	

Riex GK40 Accessories for Kitchen Legs



ⓘ **F002798**



ⓘ **F002797**



ⓘ **F003099**



ⓘ **F003100**

Type of accessories	Code
Clip for screw	**F002798**
Clip for plastic plinth	**F002797**
Cover cup white	**F003099**
Bolt metal M10 × 35*	**F003100**

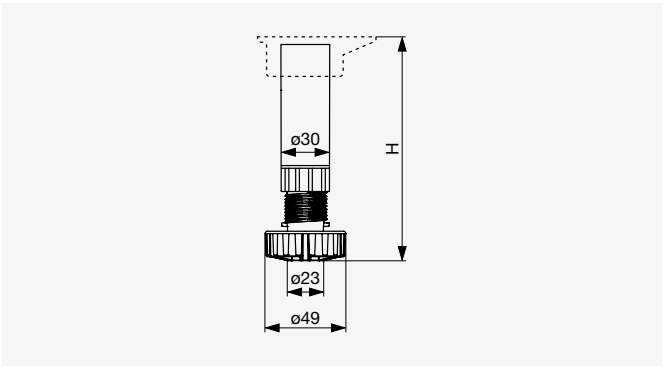
* Possible to use with board that is up to 25 mm thick.

Riex GK33 Kitchen Legs – Tube



ⓘ **F005499, F005500, F005501, F005502**

- For combination with bases GK33
- Whole assembly makes 3 part leg
- 4 heights
- Load capacity of 200 kg



Height H [mm]	Code	Height adjustment [mm]
85	**F005499**	-5 / +15
100	**F005500**	
120	**F005501**	
150	**F005502**	

Riex GK33 Kitchen Legs – Base

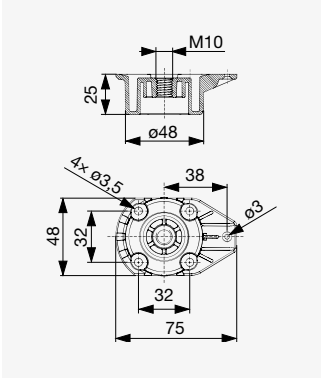


ⓘ **F005503**

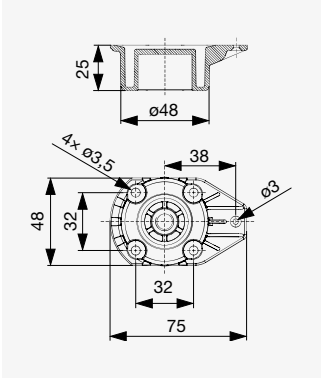


ⓘ **F005504**

- To combine with tubes GK33



ⓘ **F005503**



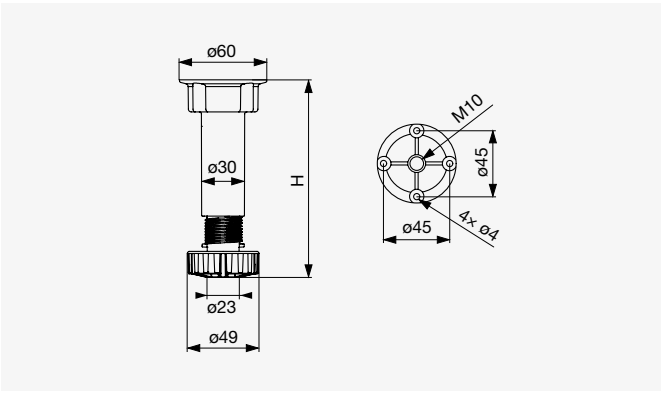
ⓘ **F005504**

Base type	Code
With internal M10 thread	**F005503**
Flat	**F005504**

Riex GK30 Kitchen Legs



- Composed of 2 parts
- 3 heights
- Common design with high load capacity 200 kg



Height H [mm]	Code	Height adjustment [mm]
100	**F000932**	-5 / +15
120	**F000933**	
150	**F000934**	

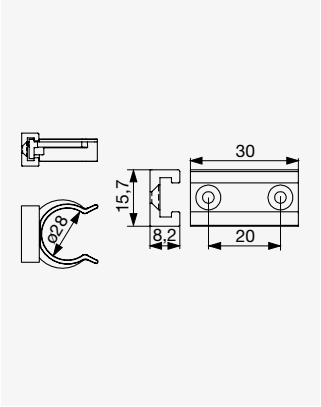
Riex GK30 / 33 Accessories for Kitchen Leg

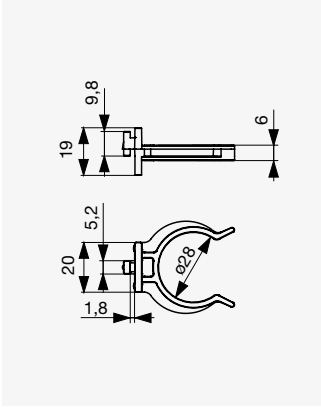


ⓘ **F000938**



ⓘ **F000937**







ⓘ **F004521**



ⓘ **F008630**

Type of accessories	Code
For screw	**F000938**
For plastic plinth	**F000937**
GK33 Bolt M10 x 38*	**F004521**
GK30 Bolt M10 x 38* Speed system	**F008630**

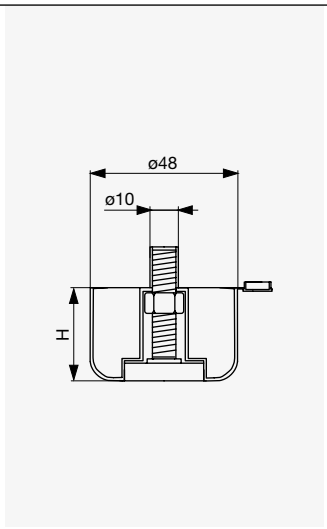
* Possible to use with board that is up to 25 mm thick.

Adjustable Furniture Legs and Glides

- Hidden or visible solution
- Ideal for different type of furniture

Riex GL13 Adjustable Legs



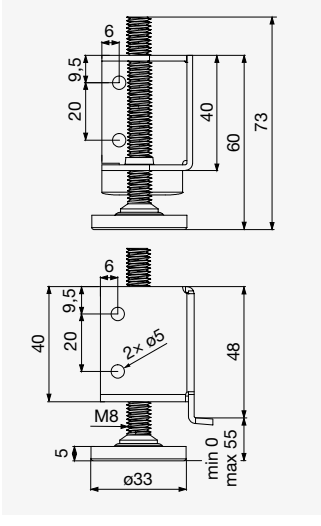


- 3 different heights
- Comes with screw cover attached

Height H [mm]	Code	Height adjustment [mm]
17	F002003	+11
27	F002004	
44	F002005	

Riex GA40 Adjustable Leg



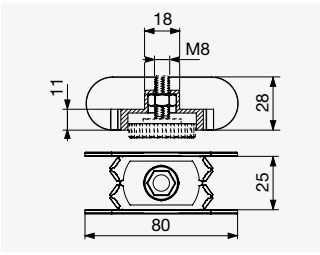


Height [mm]	Code	Height adjustment [mm]
60	F003043	+25

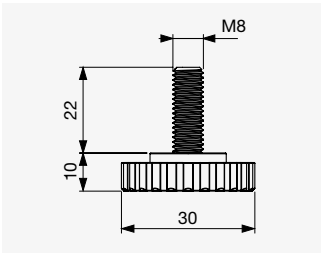
Riex GA20 Adjustable Leg for Edge







ⓘ **F002837**



ⓘ **F002836**

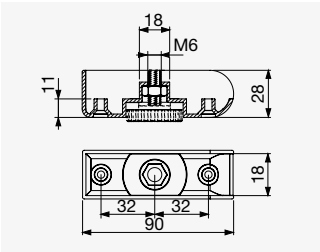
- For 25 mm side panel

Type	Code	Height adjustment [mm]
Adapter for edge 25 mm	**F002837**	15
Screw M8 × 22 mm	**F002836**	

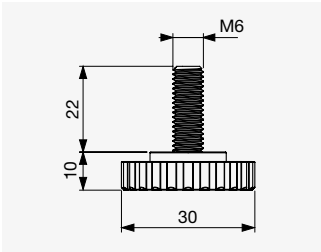
Riex GA18 Adjustable Leg for Corner







ⓘ **F002833**



ⓘ **F002834**

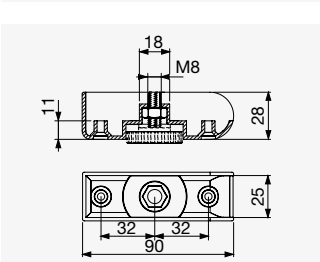
- For 18 mm side panel

Type	Code	Height adjustment [mm]
Adapter for 18 mm	**F002833**	+10
Screw M6 × 22 mm	**F002834**	

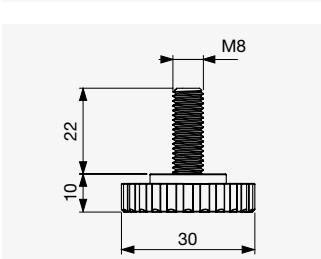
Riex GA25 Adjustable Leg for Corner







ⓘ **F002835**



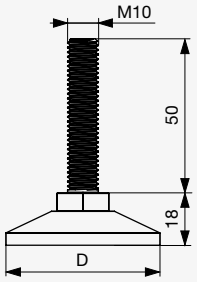
ⓘ **F002836**

- For 25 mm side panel

Type	Code	Height adjustment [mm]
Adapter for 25 mm	**F002835**	+15
Screw M8 × 22	**F002836**	

Riex GA11 Adjustable Screw Leg

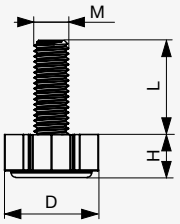




øD [mm]	Screw [mm]	Code	Connection of glide
30	M10 × 50	**F003561**	Fixed
50		**F003562**	

Riex GA12 Adjustable Screw Leg

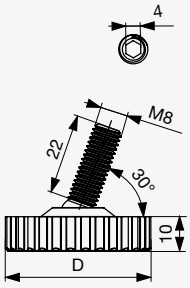




øD [mm]	Screw [mm]	Code	H [mm]	Connection of glide
17	M6 × 22	**F003564**	8.5	Fixed
22	M8 × 22	**F003565**	10	
	M10 × 28	**F003566**		

Riex GA13 Adjustable Screw Leg

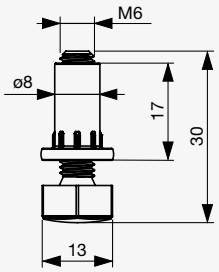




øD [mm]	Screw [mm]	Code	Connection of glide
25	M8 × 22	**F003567**	Tilt
30		**F003568**	

Riex GA10 Adjustable Leg

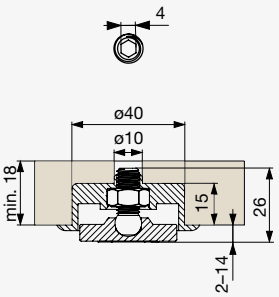




Screw [mm]	Code	Drilling [mm]	Height adjustment [mm]
M6 × 30	**F002832**	D8 × 30	+15

Riex GA24 Adjustable Leg



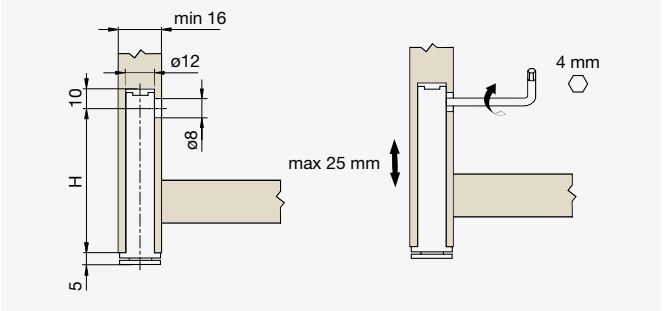


øD [mm]	Code	Height [mm]	Height adjustment [mm]	Load capacity [kg]
40	**F003563**	22	+12	150

IF Rekord Tech Leveller

ITALIANA ferramenta





Height H [mm]	Code	Height adjustment [mm]	Load capacity
32	**F010811**		
52	**F010892**		
70	**F010893**	max. 25	400 kg
100	**F010894**		
120	**F010895**		

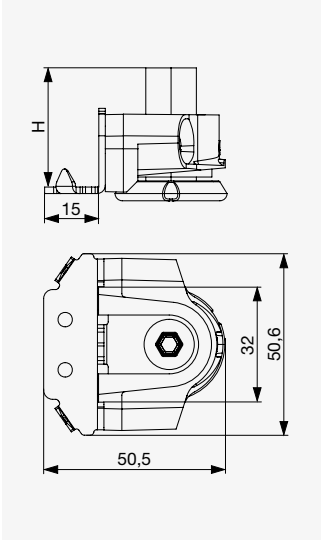
● IF Integrato Tech G Leveller

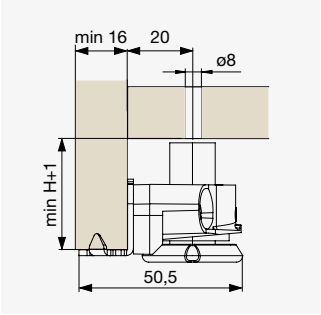


ⓘ **F010488**



ⓘ **F011062**



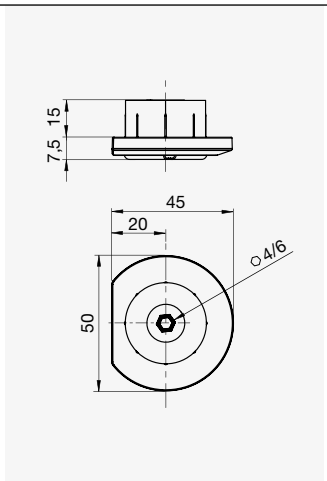


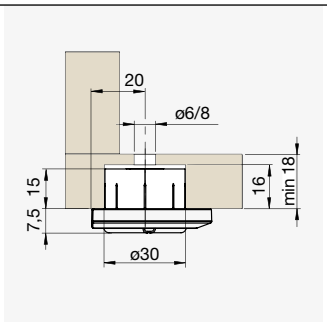
- Loading capacity 175 kg
- To adjust use S4 or an S6 allen wrench

Min. height H [mm]	Code	Height adjustment [mm]	Load capacity [kg]
23	**F010488**	+12	175
35	**F011062**	+25	

● IF Integrato Tech Z



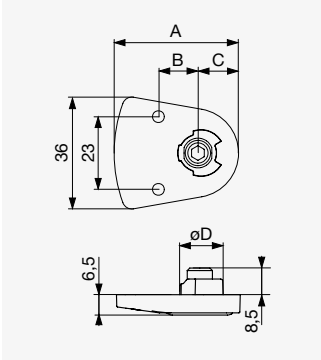


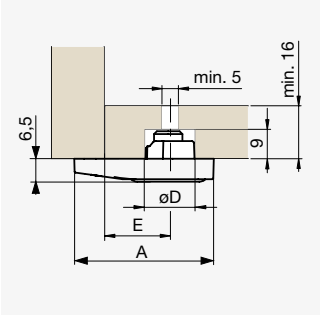


Diameter [mm]	Code	Height adjustment [mm]	Load capacity [kg]
50	**F002727**	+10	175

● IF Flat Leveller



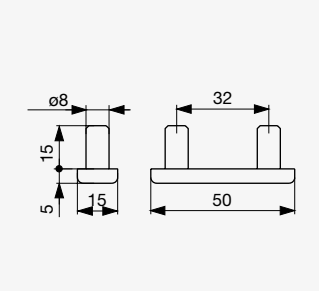




Length A [mm]	Code	Height adjustment [mm]	Load capacity [kg]	B [mm]	C [mm]	D [mm]	E [mm]
48	**F002728**	+5	150	20	13	12	28
40	**F002729**			12.5	12	15	20

Riex GL10 Glide with Dowels

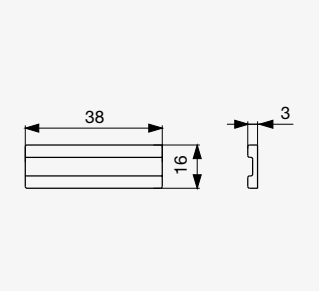




Colour	Code
White	**F002953**
Brown	**F002954**
Black	**F002955**
Beech	**F002956**

Riex GL12 Glide Nail-In

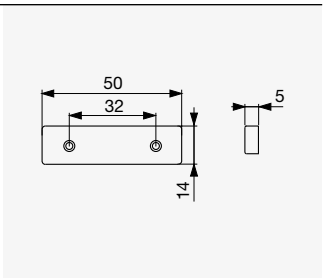




Colour	Code
White	**F002957**
Brown	**F002958**
Black	**F002959**
Beech	**F002960**

Riex GL14 Glide for Screw

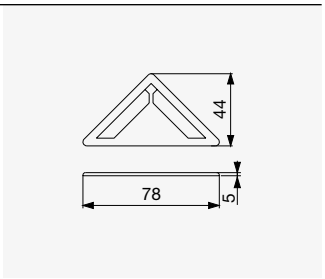




Colour	Code
White	**F002961**
Brown	**F002962**
Black	**F002963**
Beech	**F002964**
Alder	**F002965**

Riex GL15 Glide Nail-In

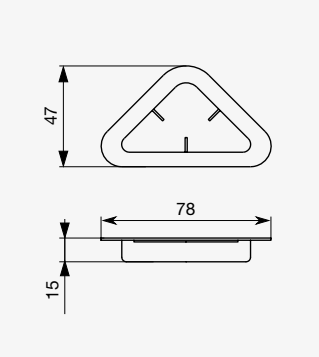




Colour	Code
White	**F002980**
Brown	**F002981**
Black	**F002982**
Beech	**F002983**

Riex GL16 Glide Nail-In

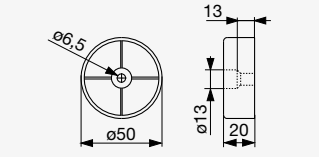




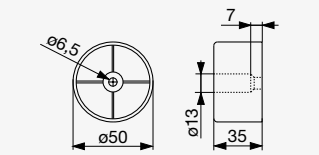
Height [mm]	Colour	Code
15	Black	**F002984**

Riex GL21 Glide for Screw





F002989

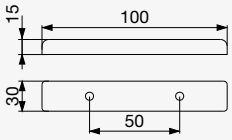


F002991

Height [mm]	Colour	Code
20	Black	**F002989**
35		**F002991**

Riex GL24 Glide for Screw

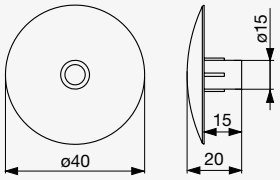




Height [mm]	Colour	Code
15	Black	**F002992**

Riex GL26 Glide with Dowel

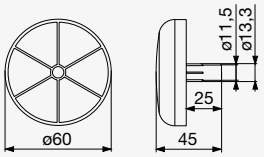




Height [mm]	Colour	Diameter [mm]	Code
5	Black	40	**F002993**

Riex GL23 Glide with Dowel

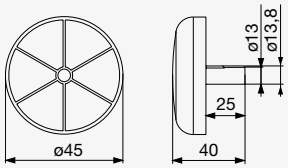




Height [mm]	Colour	Code
20	Black	**F002994**

Riex GL18 Glide with Dowel H15

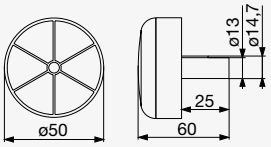




Height [mm]	Colour	Code
15	Black	**F002996**

Riex GL18 Glide with Dowel H35



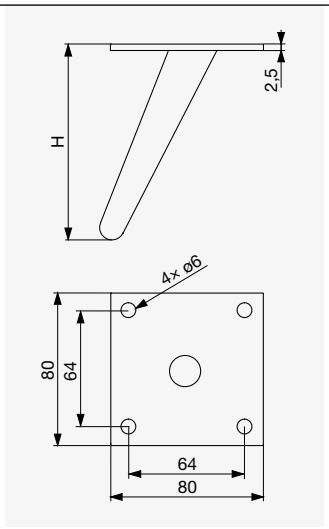


Height [mm]	Colour	Code
35	Black	**F002998**

Furniture legs

Riex GS52 Furniture Leg



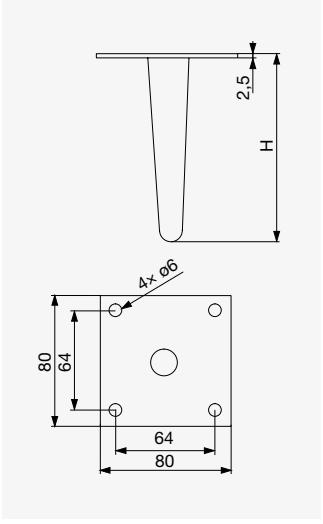


- Plate thickness 2.5 mm

Height H [mm]	Black	Height adjustment [mm]
130	F002858	×
170	F002859	
210	F001990	

Riex GS53 Furniture Leg



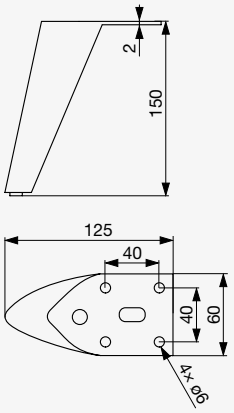


- Plate thickness 2.5 mm

Height H [mm]	Black	Height adjustment [mm]
130	F002860	×
170	F002861	

Riex GS49 Furniture Leg



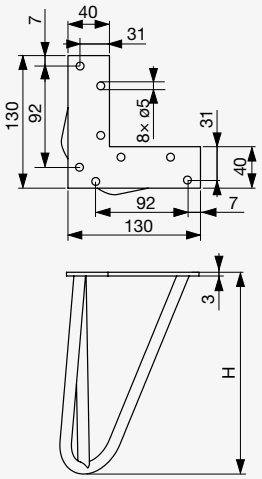


- Plate thickness 2 mm

Height H [mm]	Black	Height adjustment [mm]
150	**F003048**	×

Riex GS43 Furniture Leg



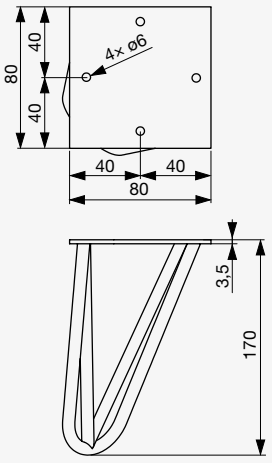


- ø10 mm welded steel wire
- 3 mm mounting plate

Height H [mm]	Black	Height adjustment [mm]
130	**F002845**	+2.5
400	**F002846**	
710	**F002847**	

Riex GS44 Furniture Leg



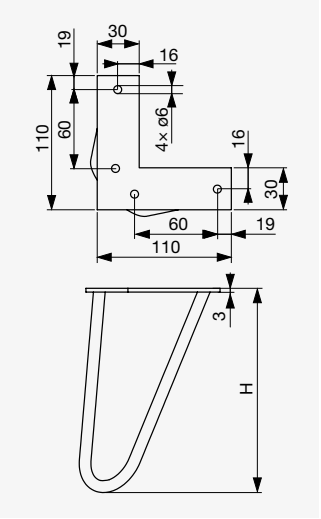


- ø10 mm welded steel wire
- 3 mm mounting plate

Height H [mm]	Black	Height adjustment [mm]
170	**F002849**	+2.5

Riex GS42 Furniture Leg



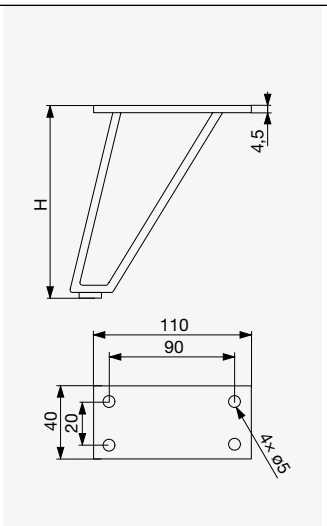


- ø10 mm welded steel wire
- 3 mm mounting plate

Height H [mm]	Black	Height adjustment [mm]
130	**F002850**	×
400	**F002851**	
710	**F002852**	

Riex GS46 Furniture Leg



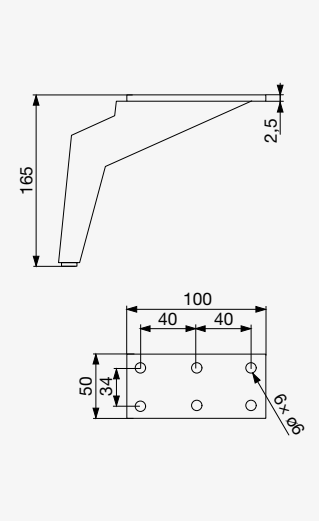


- Plate profile 40 × 4.5 mm

Height H [mm]	Black	Height adjustment [mm]
130	**F002853**	×
170	**F002854**	

Riex GS48 Furniture Leg



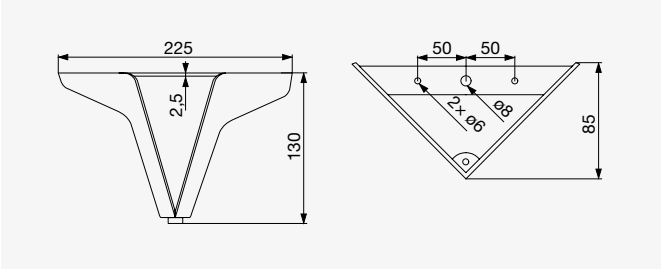


- Plate profile thickness 2.5 mm

Height [mm]	Black	Height adjustment [mm]
165	**F002857**	+2.5

Riex GS47 Furniture Leg





- Sheet metal thickness 2.5 mm

Height [mm]	Black	Height adjustment [mm]
130	F002862	×

Riex GS36 Furniture Leg



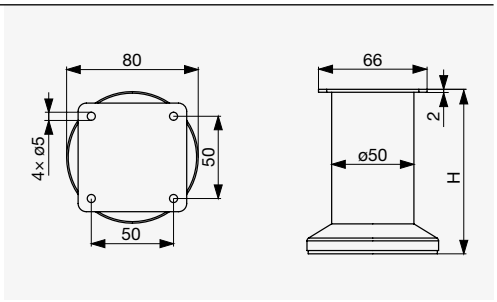
Chrome



Brushed nickel



Black



- Tube wall thickness 1 mm
- Plate thickness 2 mm

Height H [mm]	Chrome	Brushed nickel	Black	Height adjustment [mm]
80	F001966	F001971	F001976	+7
100	F001967	F001972	F001977	
120	F001968	F001973	F001978	
150	F001969	F001974	F001979	
200	F001970	F001975	F001980	

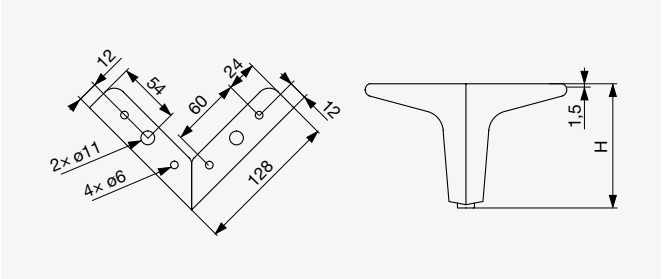
Riex GS32 Furniture Leg



Chrome



Black



- Sheet metal thickness 1.5 mm

Height H [mm]	Chrome	Black	Height adjustment [mm]
130	F001981	F001983	×

Riex GS25 Furniture Leg



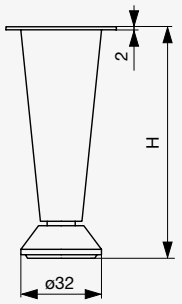
Chrome

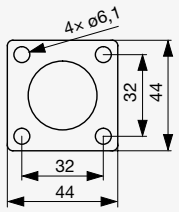


Matt chrome



● Black





- Tube material thickness 0.8 mm
- Plate thickness 2 mm

Height H [mm]	Chrome	Matt chrome	Black	Height adjustment [mm]
50	F001939	F001940	F001941	+7
80	F001942	F001943	F001944	

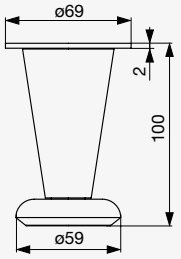
Riex GS15 Furniture Leg

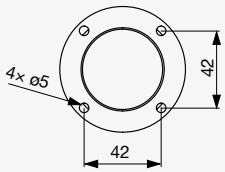


Chrome



Matt chrome





- Tube material thickness 1.2 mm
- Plate thickness 2 mm

Height H [mm]	Chrome	Matt chrome	Height adjustment [mm]
100	F001937	F001938	+7

Riex GS26 Furniture Leg



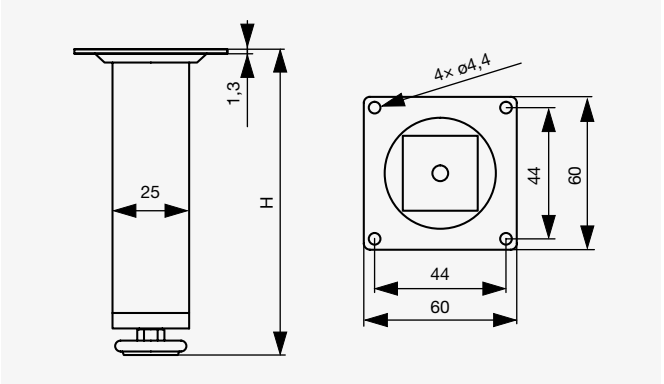
Black



Chrome



Matt chrome



- Angular profile 25 × 25 mm
- Profile material thickness 0.7 mm
- Plate thickness 1.3 mm

Height H [mm]	Chrome	Matt chrome	Black	Height adjustment [mm]
100	F001945	F001946	F003050	+7
120	F001947	F001948	F003051	
150	F001949	F001950	F003052	

Riex GS23 Furniture Leg ECONOMY



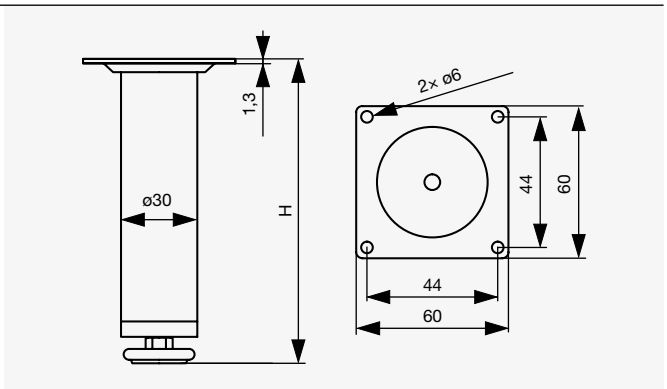
Chrome



Matt chrome



Black

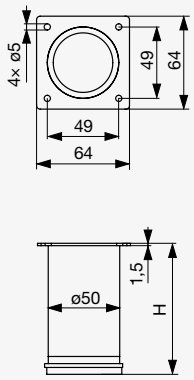


- Round profile ø30 mm
- Tube wall thickness 0.8 mm
- Plate thickness 1.3 mm

Height H [mm]	Chrome	Matt chrome	Black	Height adjustment [mm]
100	F001951	F001952	F003053	+7
120	F001953	F001954	F003054	
150	F001955	F001956	F003055	

Riex GS28 Furniture Leg



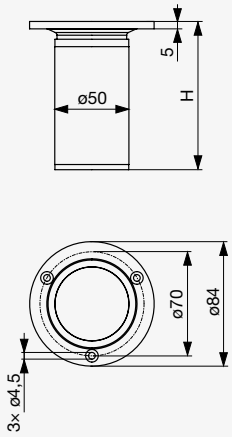


- Round profile ø50 mm
- Tube wall thickness 0.6 mm
- Plate thickness 1.5 mm

Height H [mm]	Stainless steel imitation	Height adjustment [mm]
100	**F001957**	+10
120	**F001958**	
150	**F001959**	

Riex GS29 Furniture Leg



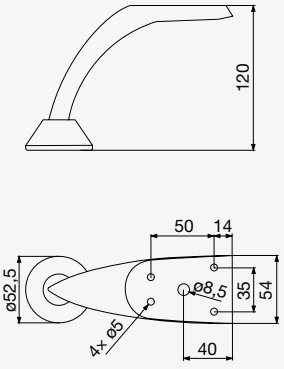


- Round profile ø50 mm
- Tube wall thickness 0.6 mm
- Thickness of plate [plastic] 5 mm

Height H [mm]	Matt chrome	Height adjustment [mm]
100	**F001963**	+25
120	**F001964**	
150	**F001965**	

Riex GS13 Furniture Leg

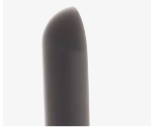




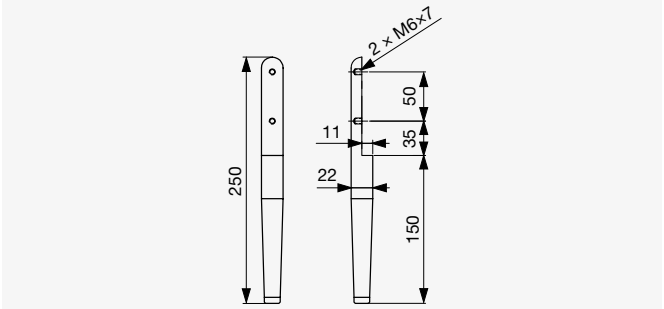
Height [mm]	Chrome	Height adjustment [mm]
120	**F001895**	×

Riex GA78 Furniture Leg





● Matt black



- Solid aluminium

● Brushed gold

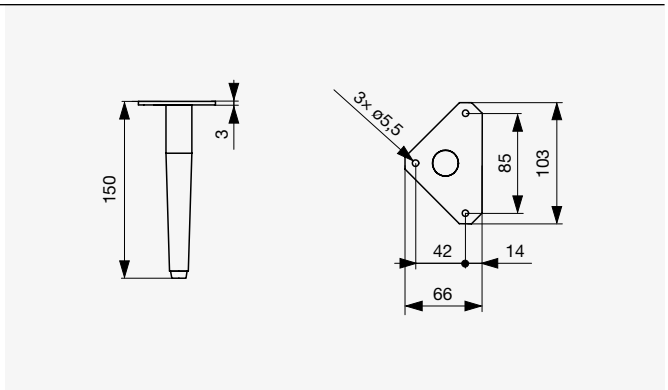
Height H [mm]	Brushed gold	Matt black	Height adjustment [mm]
150	F003059	F003060	+5

Riex GA77 Furniture Leg





● Matt black



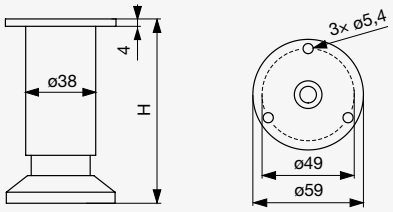
- Solid aluminium
- Plate thickness 3 mm

● Brushed gold

Height H [mm]	Brushed gold	Matt black	Height adjustment [mm]
150	F003057	F003058	+5

Riex GA88 Furniture Leg





- Round profile ø38 mm
- Tube wall thickness 1 mm
- Plate thickness 4 mm

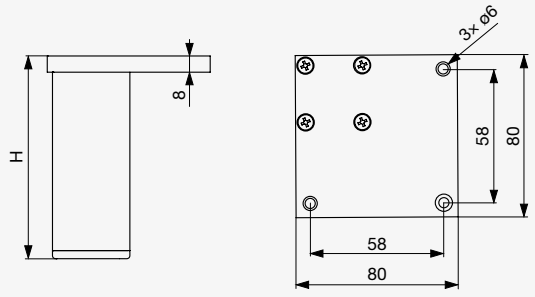
Height H [mm]	Brushed nickel	Height adjustment [mm]
80	**F001902**	+15
100	**F001903**	
120	**F001904**	
150	**F001905**	

Riex GA68 Furniture Leg





● Matt black



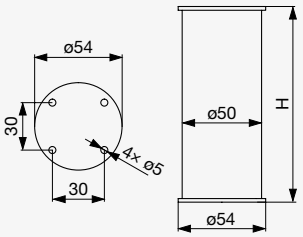
- Angular profile 38 × 38 mm
- Material thickness of profile 1 mm
- Plate thickness 8 mm

● Anodised aluminium

Height H [mm]	Anodised aluminium	Matt black	Height adjustment [mm]
80	**F001909**	**F001910**	×
100	**F001911**	**F001912**	
120	**F001913**	**F001914**	
150	**F001915**	**F001916**	
200	**F001917**	**F001918**	

Riex GA60 Furniture Leg



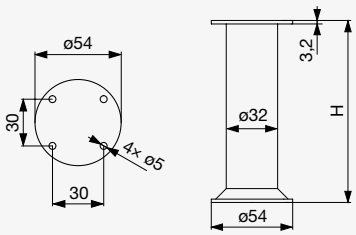


- Round profile ø50 mm
- Tube wall thickness 0.8 mm

Height H [mm]	Anodised aluminium	Height adjustment [mm]
100	**F001896**	+7
120	**F001897**	
150	**F001898**	

Riex GA63 Furniture Leg





- Round profile ø32 mm
- Tube wall thickness 0.8 mm

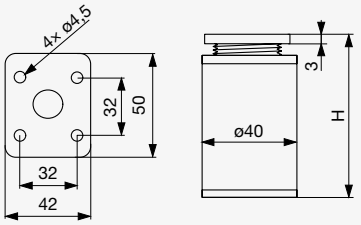
Height H [mm]	Anodised aluminium	Height adjustment [mm]
100	**F001899**	+15
120	**F001900**	
150	**F001901**	

Riex GA34 Furniture Leg ø40 mm





● Matt black



• Material thickness of profile 1.2 mm

● Anodised aluminium

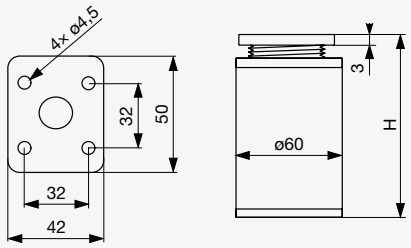
Height H [mm]	Anodised aluminium	Matt black	Height adjustment [mm]
60	F002872	F002874	+15
100	F002873	F002875	
150	F003027	F003028	

Riex GA33 Furniture Leg ø60 mm





● Matt black



• Material thickness of profile 1.2 mm

● Anodised aluminium

Height H [mm]	Anodised aluminium	Matt black	Height adjustment [mm]
60	F002876	F002878	+15
100	F002877	F002879	
150	F003029	F003030	

Riex GA35 Furniture Leg 40×40 mm



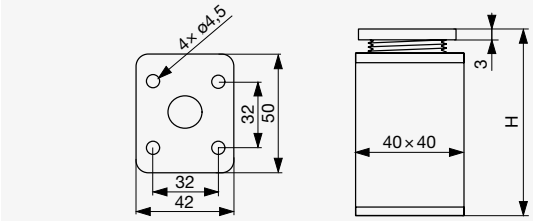
Anodised aluminium



Brushed nickel



Matt black



- Material thickness of profile 1.2 mm

Height H [mm]	Anodised aluminium	Brushed nickel	Matt black	Height adjustment [mm]
60	F002880	F002883	F002885	+15
100	F002881	F002884	F002886	
150	F002882	F003023	F003024	

Riex GA36 Furniture Leg 60×60 mm



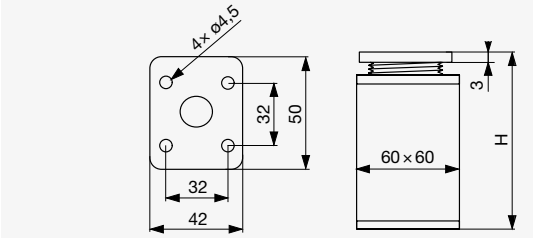
Anodised aluminium



Brushed nickel



Matt black



- Material thickness of profile 1.2 mm

Height H [mm]	Anodised aluminium	Brushed nickel	Matt black	Height adjustment [mm]
60	F002887	F002889	F002891	+15
100	F002888	F002890	F002892	
150	F003025	F003026	×	

Riex GA38 Furniture Leg 80 × 80 mm



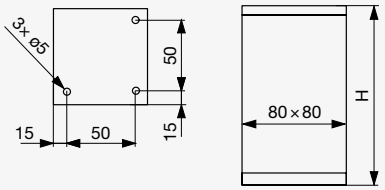
Anodised aluminium



Brushed nickel



Matt black



- Material thickness of profile 1.2 mm

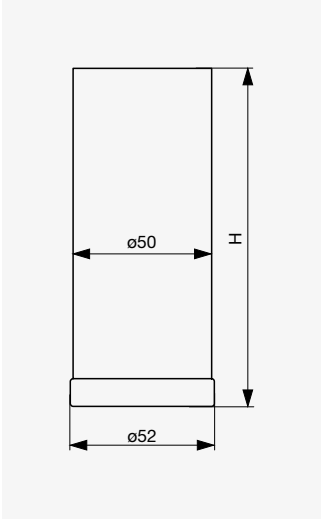
Height H [mm]	Anodised aluminium	Brushed nickel	Matt black
60	F002893	F002895	F002897
100	F002894	F002896	F002898

Plastic Furniture Legs

- Simple and stable legs
- Different heights and designs

Riex GR70 Furniture Leg



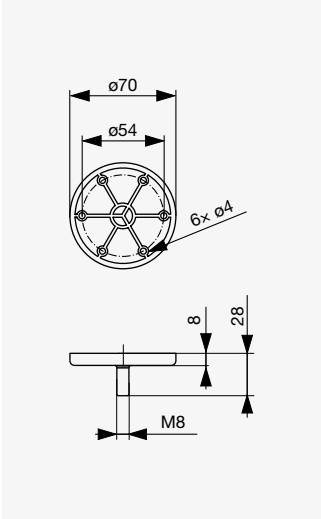


- 3 different heights
- Load capacity 500 kg

Height H [mm]	Silver	Height adjustment [mm]
100	**F003589**	+10
150	**F003590**	
200	**F003591**	

Riex GR70 Connection Plate





- To connect leg type GR70

Colour	Code
Grey	**F003592**

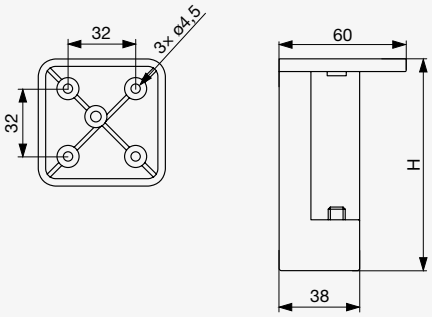
Riex GR77 Furniture Leg



Chrome



Silver



- Profile 38 × 38 mm

Height H [mm]	Chrome	Silver	Height adjustment [mm]
100	F003596	F003599	+10
150	F003597	F003600	
180	F003598	F003601	

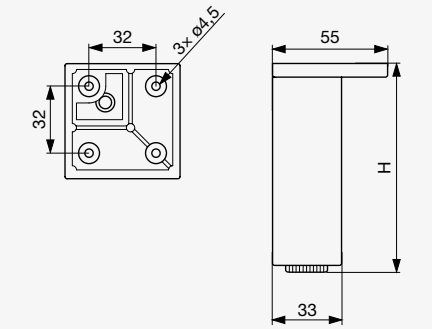
Riex GR76 Furniture Leg



Silver



● Black



- Profile 33 × 33 mm

Height H [mm]	Silver	Black	Height adjustment [mm]
60	F003609	F003612	+10
100	F003607	F003610	
150	F003608	F003611	

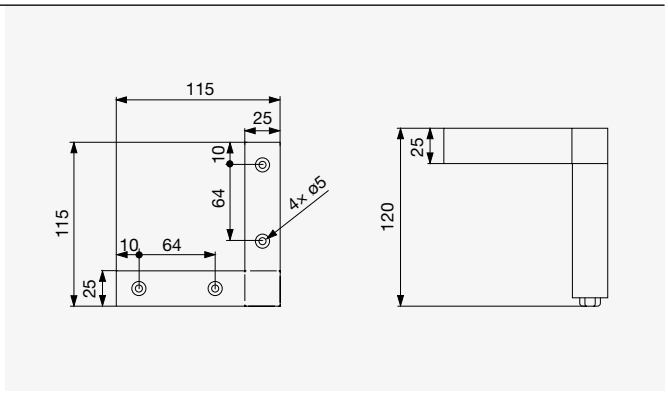
Riex GR79 Furniture Leg



Silver



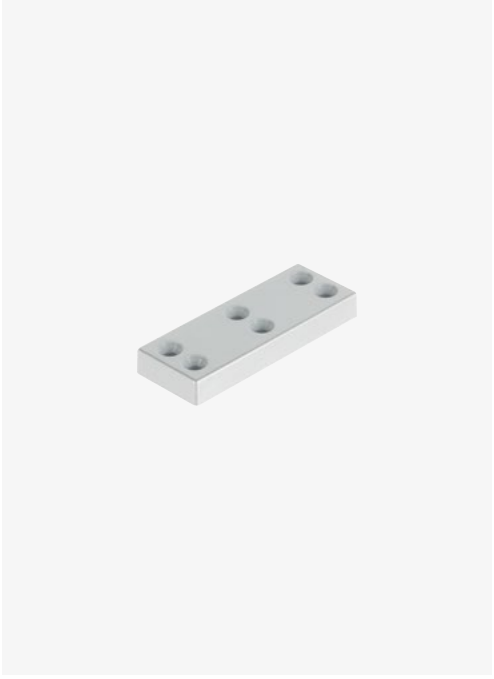
● Black



- Profile 25 × 25 mm

Height H [mm]	Silver	Black	Height adjustment [mm]
120	F004311	F004310	+7

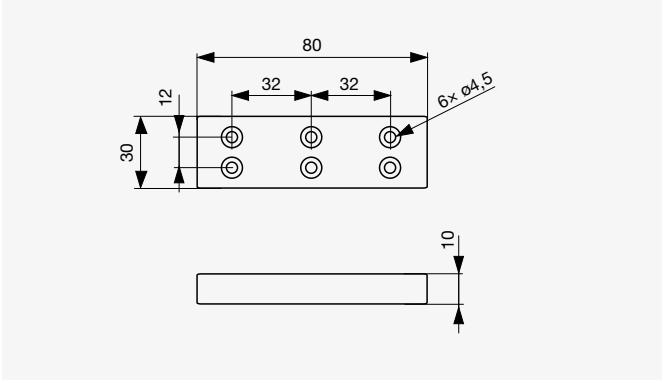
Riex GR75 Furniture Leg



Silver



● Black



- Size 80 × 30 × 10 mm

Height H [mm]	Silver	Black
10	F003605	F003606

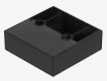
Riex GR72 Furniture Leg



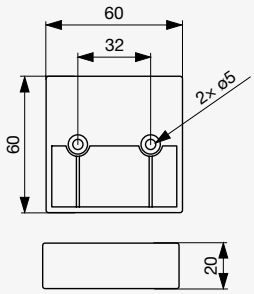
Silver



Chrome



● Black



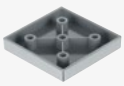
• Size 60 × 60 × 20 mm

Height H [mm]	Chrome	Silver	Black
20	F003595	F003593	F003594

Riex GR73 Furniture Leg



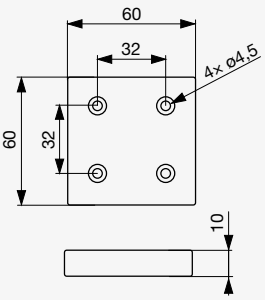
Silver



Chrome



● Black

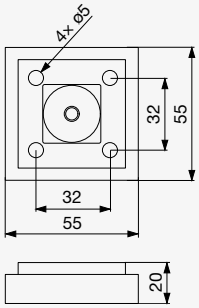


• Size 60 × 60 × 10 mm

Height H [mm]	Chrome	Silver	Black
10	F003603	F003602	F003604

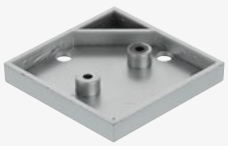
Riex GP20 Furniture Leg

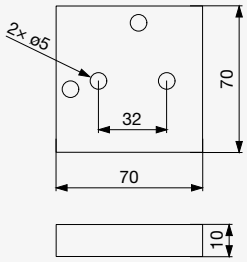




Colour	Height [mm]	Dimension [mm]	Code
Silver	20	55 × 55	**F003624**

Riex GP10 Furniture Leg

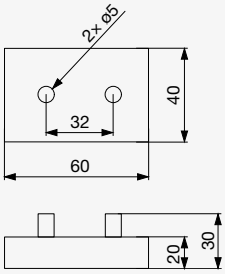




Colour	Height [mm]	Dimension [mm]	Code
Silver	10	70 × 70	**F003625**

Riex GP21 Furniture Leg

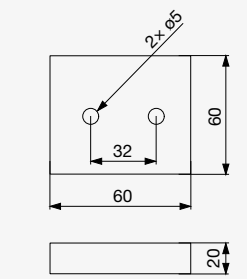




Colour	Height [mm]	Dimension [mm]	Code
Silver	20	60 × 40	**F003626**

Riex GP22 Furniture Leg

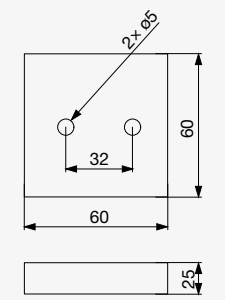




Colour	Height [mm]	Dimension [mm]	Code
Silver	20	60 × 60	**F003627**

Riex GP23 Furniture Leg

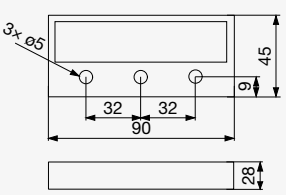




Colour	Height [mm]	Dimension [mm]	Code
Silver	25	60 × 60	**F003628**

Riex GP25 Furniture Leg

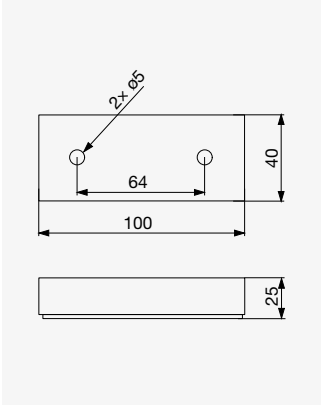




Colour	Height [mm]	Dimension [mm]	Code
Silver	28	90 × 45	**F003629**

Riex GP24 Furniture Leg

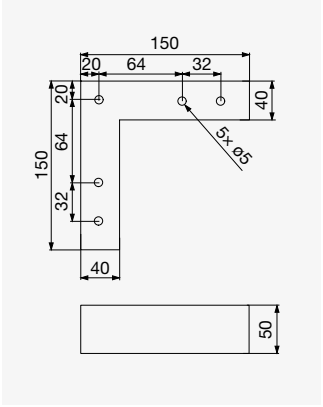




Colour	Height [mm]	Dimension [mm]	Code
Silver	25	100 × 40	**F003630**

Riex GP15 Furniture Leg

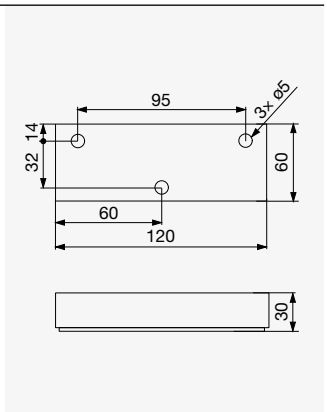




Colour	Height [mm]	Dimension [mm]	Code
Silver	50	150 × 150	**F003631**

Riex GP13 Furniture Leg

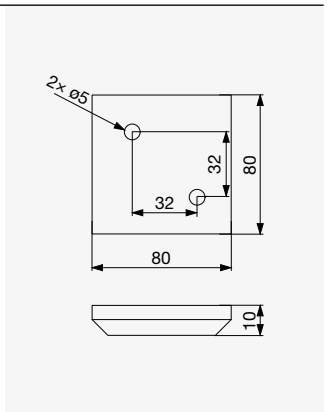




Colour	Height [mm]	Dimension [mm]	Code
Silver	30	120 × 60	**F003632**

Riex GP11 Furniture Leg

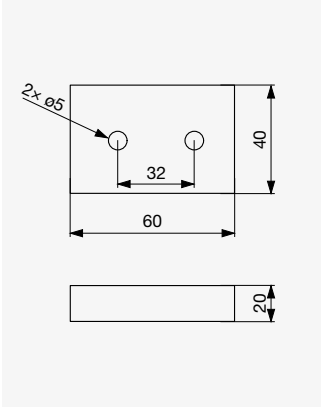




Colour	Height [mm]	Dimension [mm]	Code
Silver	10	80 × 80	**F003633**

Riex GP19 Furniture Leg





Colour	Height [mm]	Dimension [mm]	Code
Silver	20	60 × 40	**F004309**

Wooden Furniture Legs



Riex GW20 Furniture Wooden Leg



Unlacquered natural oak



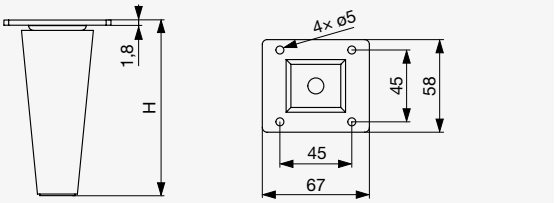
Lacquered natural oak



Unlacquered natural beech



Unlacquered natural pine



Recommended combination with wooden handles p. 4.71.

- Conical straight
- With plate, screw and felt glide
- Packed in 4 pieces
- Natural wood
- Lacquered / non lacquered

Height H [mm]	Unlacquered natural oak	Lacquered natural oak	Unlacquered natural beech	Unlacquered natural pine	Height adjustment [mm]
100	F014845	F014846	F014844	F014843	×
150	F014849	F014850	F014848	F014847	

Riex GW22 Furniture Wooden Leg



Unlacquered natural beech



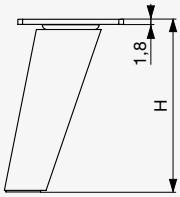
Unlacquered natural oak

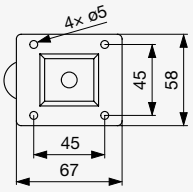


Lacquered natural oak



Unlacquered natural pine





Recommended combination with wooden handles p. 4.71.

- Conical inclined
- With plate, screw and felt glide
- Packed in 4 pieces
- Natural wood
- Lacquered / non lacquered

Height H [mm]	Unlacquered natural oak	Lacquered natural oak	Unlacquered natural beech	Unlacquered natural pine	Height adjustment [mm]
100	F014853	F014854	F014852	F014851	×
150	F014857	F014858	F014856	F014855	

Riex GW25 Furniture Wooden Leg



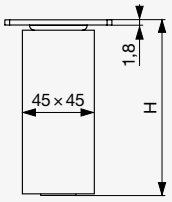
Unlacquered natural beech

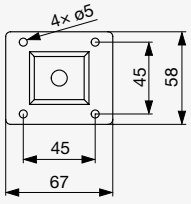


Unlacquered natural oak



Unlacquered natural pine





Recommended combination with wooden handles p. 4.71.

- Sqare
- With plate, screw and felt glide
- Packed in 4 pieces
- Natural wood
- Non lacquered

Height H [mm]	Unlacquered natural oak	Unlacquered natural beech	Unlacquered natural pine	Height adjustment [mm]
100	F014861	F014860	F014859	×
150	F014864	F014863	F014862	

CONTENT

Furniture Castors

- For various applications
- Elegant design castors models, high capacity solutions, castors for technical solutions etc.
- The Load capacity of the furniture castors listed in the catalogue is the result of static measurements



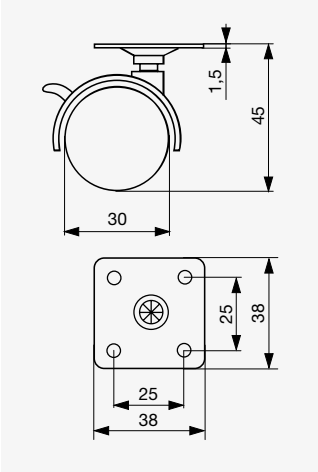
Riex GC10 Furniture Castors



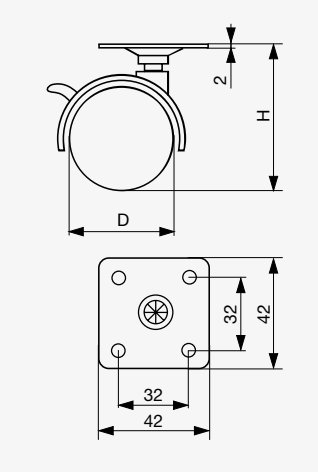
● Black



● Grey with brake



ⓘ ø30



ⓘ ø40, ø50

øD [mm]	Colour	Brake	Code	Load capacity [kg]	Height H [mm]	Castor width [mm]	Plate [mm]
30	Black	No	F000838	25	45	32	38 × 38 × 1.5
		Yes	F000841				
40	Black	No	F000839	30	55	38	42 × 42 × 2
		Yes	F000842				
	Grey	No	F002325				
		Yes	F002327				
50	Black	No	F000840	40	65	45	
		Yes	F000843				
	Grey	No	F002326				
		Yes	F002328				

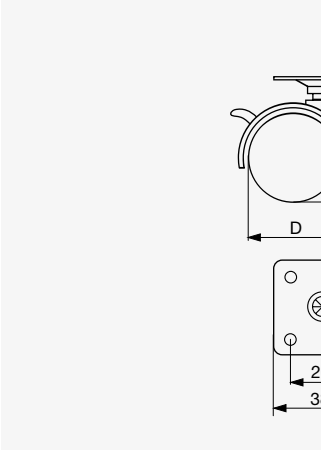
Riex GT05 Furniture Castors ECONOMY



● Black



● Black with brake



øD [mm]	Colour	Brake	Code	Load capacity [kg]	Height H [mm]	Castor width [mm]	Plate [mm]
40	Black	No	F000848	20	54	37	38 × 38 × 1.5
		Yes	F000850				
50	Black	No	F000849	30	63	44	
		Yes	F000851				

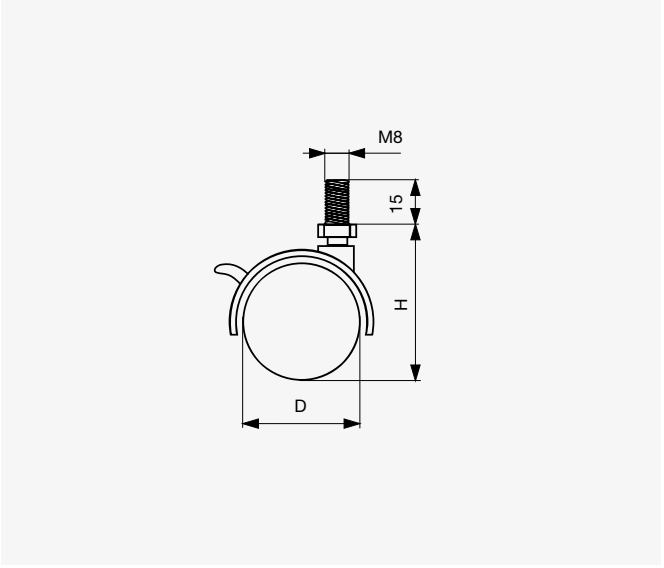
Riex GC12 Furniture Castor



● Black



● Black with brake



øD [mm]	Colour	Brake	Code	Load capacity [kg]	Screw [mm]	Height H [mm]	Castor width [mm]
40	Black	No	**F000844**	30	M8 × 15	50	38
		Yes	**F000846**				
50	Black	No	**F000845**	40		60	45
		Yes	**F000847**				

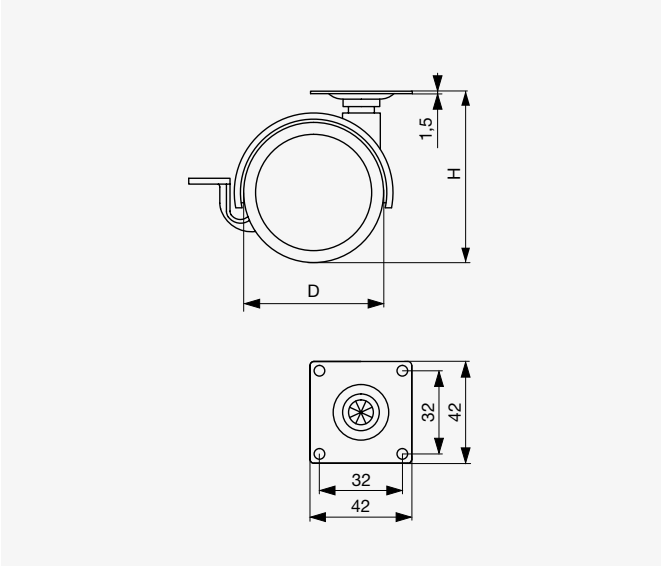
Riex GF30 Furniture Castor with Soft Tread



● Black



● Black with brake



øD [mm]	Colour	Brake	Code	Load capacity [kg]	Height H [mm]	Castor width [mm]	Plate [mm]
40	Black	No	**F000852**	20	56	39	42 × 42 × 1.5
		Yes	**F000854**				
50	Black	No	**F000853**	40	69	54	
		Yes	**F000855**				

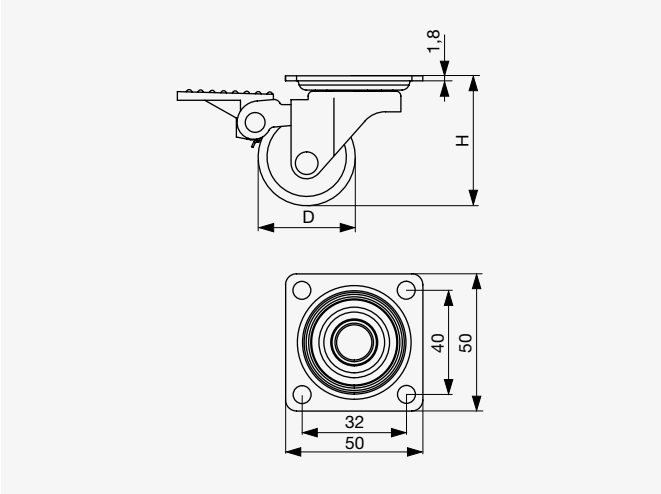
Riex GC70 Furniture Castor with Soft Tread



● Transparent brown with brake



○ Transparent white



øD [mm]	Colour	Brake	Code	Load capacity [kg]	Height H [mm]	Tread width [mm]	Plate [mm]
35	Transparent brown	No	F000881	25	52	20	50 × 50
		Yes	F000880				
	Transparent white	No	F000871				
		Yes	F000870				
50	Transparent brown	No	F000887	35	65	20	
		Yes	F000886				
	Transparent white	No	F000877				
		Yes	F000876				
75	Transparent brown	No	F000889	45	90	24	
		Yes	F000888				
	Transparent white	No	F000879				
		Yes	F000878				

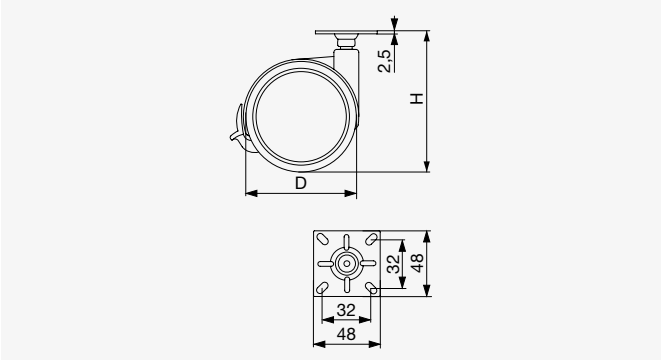
Riex GB88 Furniture Castors with Soft Tread



● Dark grey



● Dark grey with brake



øD [mm]	Colour	Brake	Code	Load capacity [kg]	Height H [mm]	Castor width [mm]	Plate [mm]
60	Dark grey	No	F000864	50	87	42	48 × 48 × 2.5
		Yes	F000867				
75	Dark grey	No	F000865	60	105	48	
		Yes	F000868				

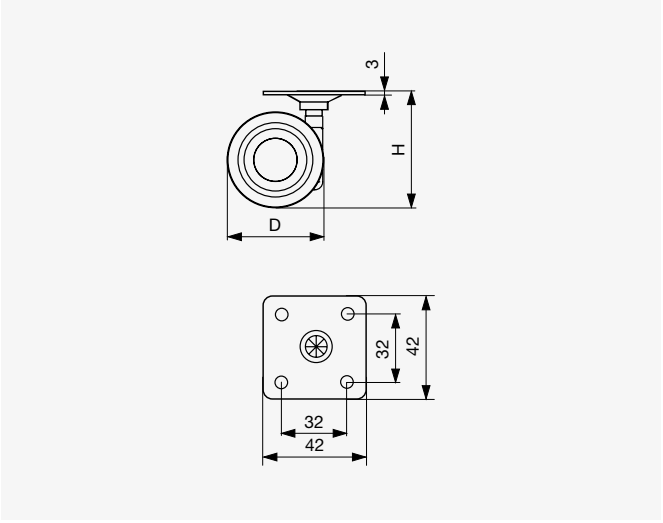
● Tente Stylea Furniture Castor with Soft Tread



● Black



● Black with brake



øD [mm]	Colour	Brake	Code	Load capacity [kg]	Height H [mm]	Castor width [mm]	Plate [mm]
40	Black	No	**F003579**	80	44	52	42 × 42 × 3
		Yes	**F003580**				
65	Black	No	**F003497**	100	78	46	
		Yes	**F003498**				
75	Black	No	**F003499**		87	53	
		Yes	**F003500**				

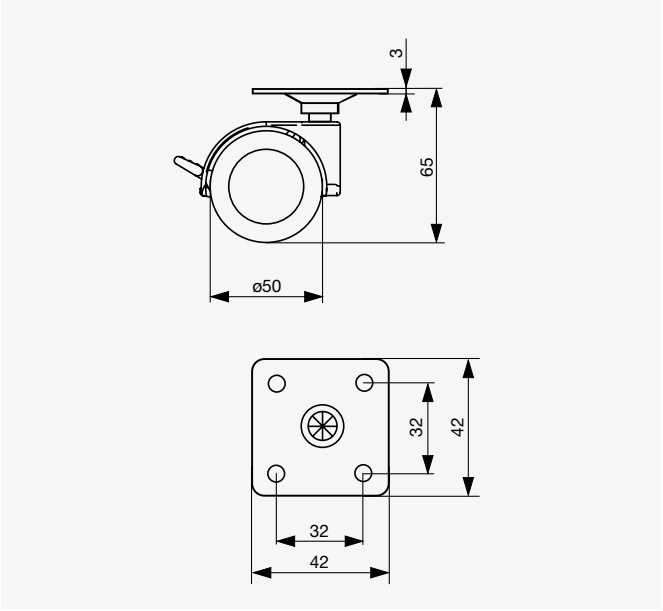
● Tente Lumina Furniture Castor



● Black



● Black with brake



Diameter [mm]	Colour	Brake	Code	Load capacity [kg]	Height [mm]	Castor width [mm]	Plate [mm]
50	Black	No	**F003501**	80	65	55	42 × 42 × 3
		Yes	**F003502**				

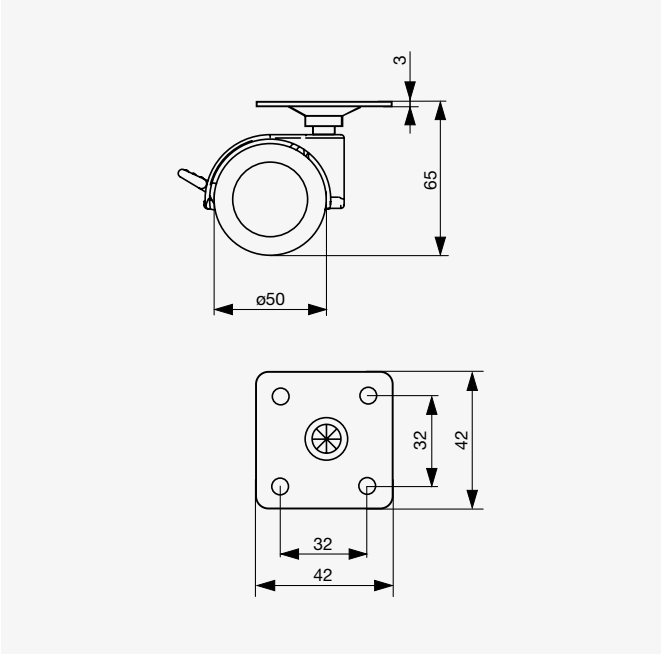
● Tente Lumina Furniture Castor with Soft Tread



● Black



● Black with brake



Diameter [mm]	Colour	Brake	Code	Load capacity [kg]	Height [mm]	Castor width [mm]	Plate [mm]
50	Black	No	**F003503**	80	65	55	42 × 42 × 3
		Yes	**F003504**				

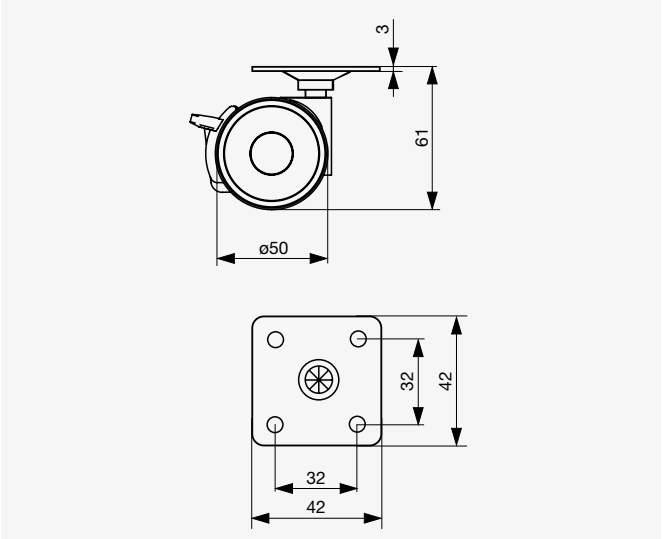
● Tente Linea Light Furniture Castors with Soft Tread



● Grey



● Light grey



øD [mm]	Colour	Brake	Code	Load capacity [kg]	Height [mm]	Castor width [mm]	Plate [mm]
50	Grey	No	**F003505**	100	61	48	42 × 42 × 3
		Yes	**F003506**				
	Light grey	No	**F003507**				
		Yes	**F003508**				

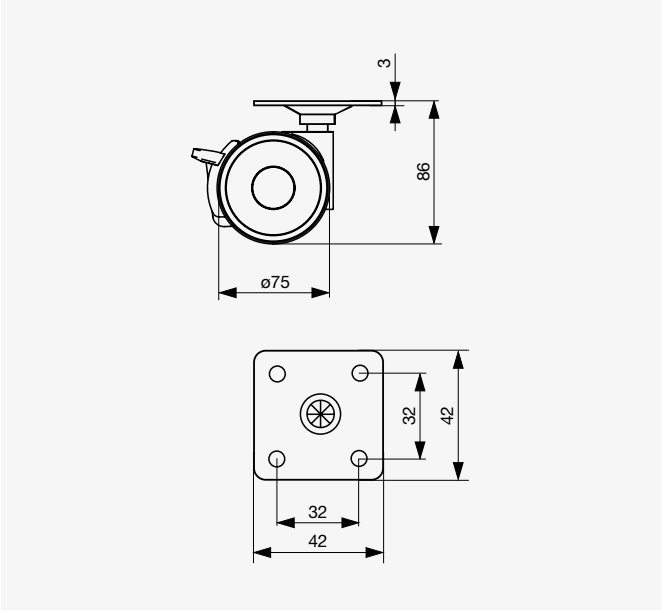
● Tente Linea Furniture Castor with Soft Tread



● Light grey



● Light grey with brake



Diameter [mm]	Colour	Brake	Code	Load capacity [kg]	Height [mm]	Castor width [mm]	Plate [mm]
75	Light grey	No	**F003509**	180	86	55	42 × 42 × 3
		Yes	**F003510**				

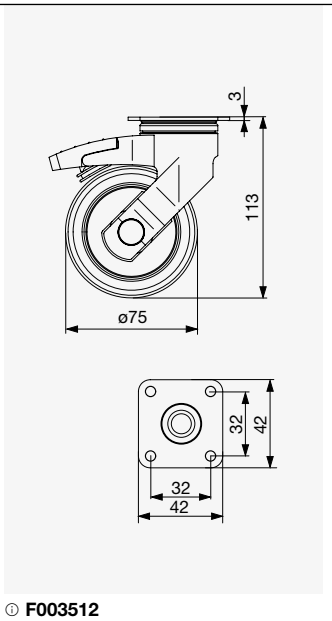
● Tente Levina Furniture Castor with Soft Tread



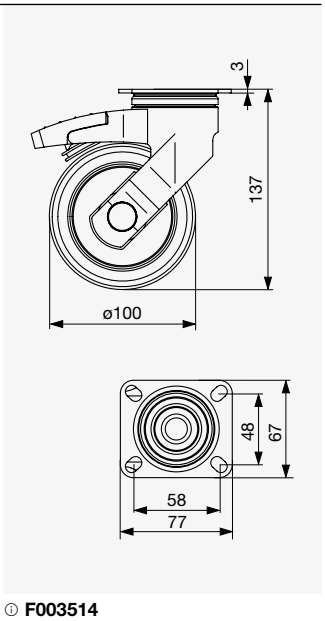
● ø75 Grey



● ø100 Grey with brake



ⓘ **F003512**

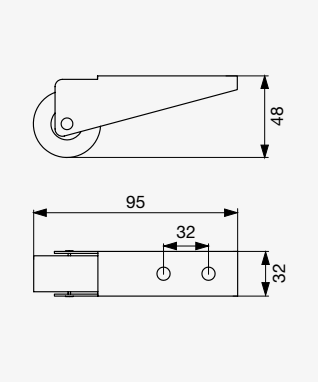


ⓘ **F003514**

Diameter [mm]	Colour	Brake	Code	Load capacity [kg]	Height [mm]	Castor width [mm]	Plate [mm]
75	Grey	No	**F003511**	150	113	25	42 × 42 × 3
		Yes	**F003512**				
100	Grey	No	**F003513**	200	137	32	77 × 67 × 3
		Yes	**F003514**				

Riex GC42 Furniture Castor with Soft Tread

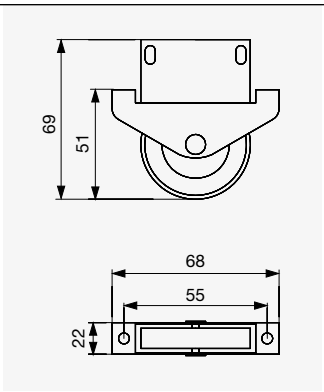




Diameter [mm]	Colour	Construction	Code	Load capacity [kg]	Height [mm]	Castor width [mm]
40	Grey	Fixed	**F002999**	100	48	32

Riex GC44 Furniture Castor with Soft Tread

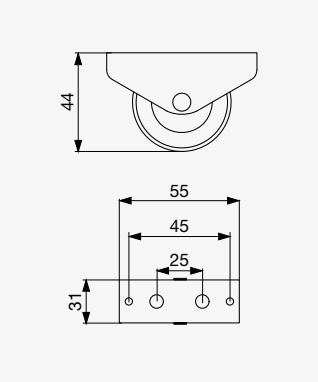




Diameter [mm]	Colour	Construction	Code	Load capacity [kg]	Height [mm]	Castor width [mm]
45	Grey	Fixed	**F003000**	90	51	22

Riex GC46 Furniture Castor with Soft Tread

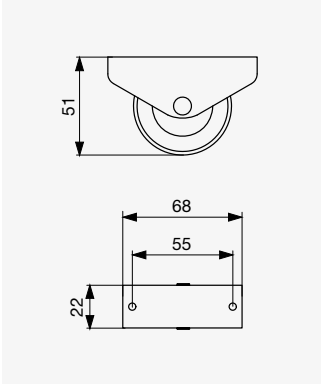




Diameter [mm]	Colour	Construction	Code	Load capacity [kg]	Height [mm]	Castor width [mm]
40	Grey	Fixed	**F003001**	95	44	31

Riex GC47 Furniture Castor with Soft Tread

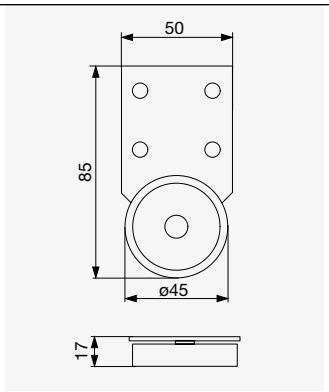




Diameter [mm]	Colour	Construction	Code	Load capacity [kg]	Height [mm]	Castor width [mm]
45	Grey	Fixed	**F003002**	90	51	22

Riex GC48 Furniture Castor

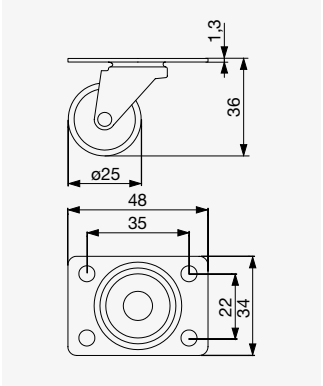




Diameter [mm]	Colour	Construction	Code	Load capacity [kg]	Height [mm]	Castor width [mm]
45	Grey	Fixed	**F003007**	60	85	17

Riex GC50 Furniture Castor



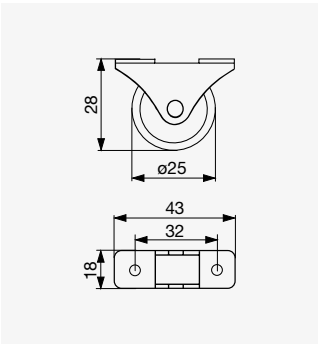


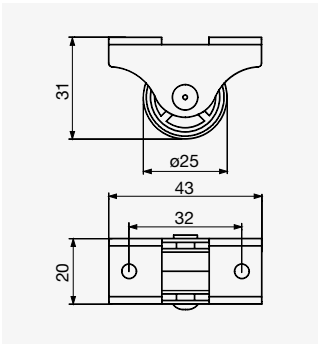
Diameter [mm]	Colour	Construction	Code	Load capacity [kg]	Height [mm]	Tread width [mm]	Plate [mm]
25	Black	Rotate	**F001697**	12	36	15	48 × 34 × 1.3

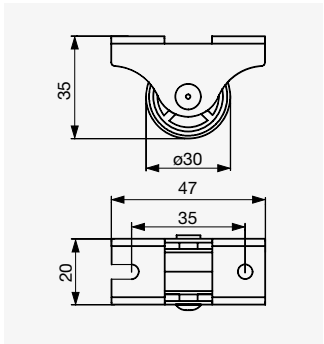
Riex GC51 Furniture Castor with Soft Tread

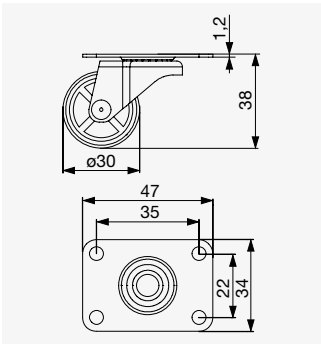








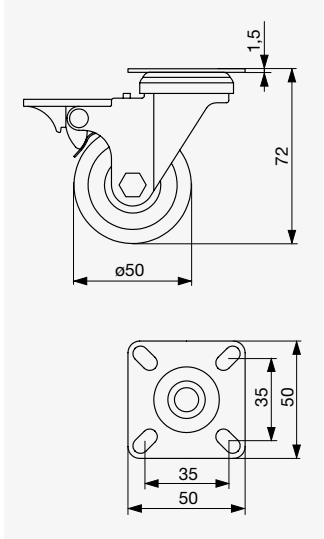


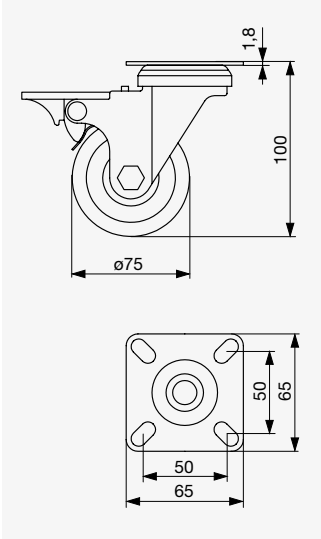
ⓘ **F000856** ⓘ **F000857** ⓘ **F000858** ⓘ **F000859**

Diameter [mm]	Colour	Construction	Code	Load capacity [kg]	Height [mm]	Castor width [mm]	Plate [mm]
25	Black	Fixed	**F000856**	25	28	18	43 × 18
	Grey	Fixed	**F000857**		31	20	43 × 20
30	Grey	Fixed	**F000858**	30	35	20	47 × 20
		Rotate	**F000859**		38	20	47 × 34

Riex GC52 Furniture Castor with Soft Tread



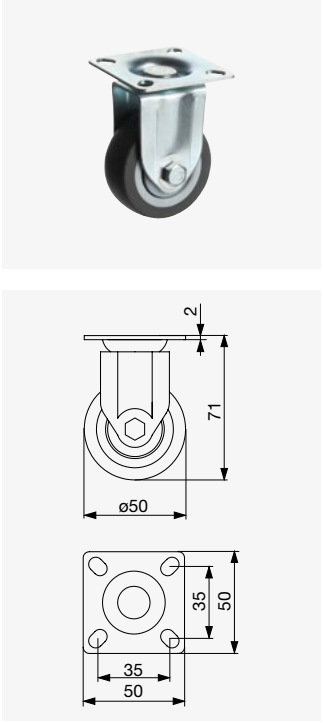




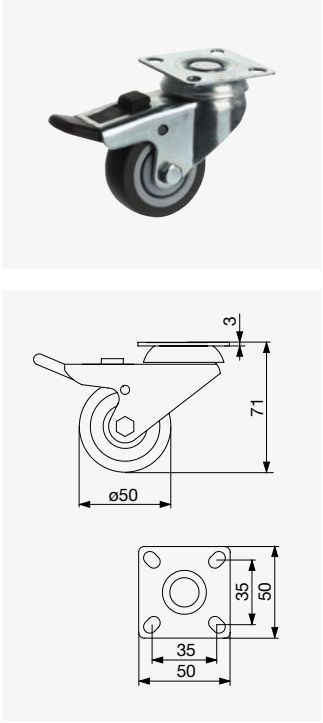
● Grey ● Grey with brake ⓘ **ø50** ⓘ **ø75**

Diameter [mm]	Colour	Brake	Code	Load capacity [kg]	Height [mm]	Tread width [mm]	Plate [mm]
50	Grey	No	**F001680**	30	72	16.5	50 × 50 × 1.5
		Yes	**F001681**				
75	Grey	No	**F001682**	60	100	23	65 × 65 × 1.8
		Yes	**F001683**				

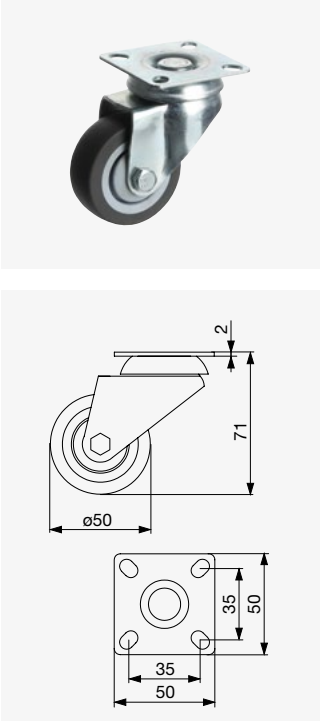
Riex GC53 Furniture Castor with Soft Tread



ⓘ **F001686**



ⓘ **F001685**



ⓘ **F001684**

Diameter [mm]	Colour	Construction	Brake	Code	Load capacity [kg]	Height [mm]	Tread width [mm]	Plate [mm]
50	Grey	Rotate	No	**F001684**	50	71	19	50 × 50 × 1.8
			Yes	**F001685**				
		Fixed	No	**F001686**				

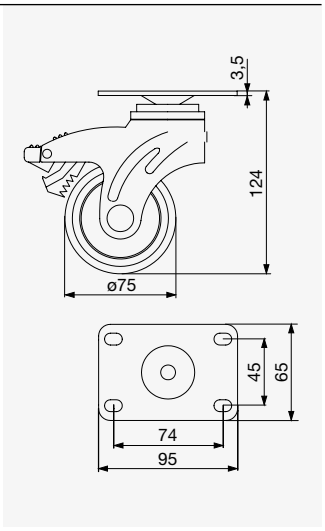
Riex GC62 Furniture Castor with Soft Tread



● **Grey**



● **Grey with brake**



Diameter [mm]	Colour	Brake	Code	Load capacity [kg]	Height [mm]	Tread width [mm]	Plate [mm]
75	Grey	No	**F001692**	70	124	32	60 × 95 × 3.5
		Yes	**F001693**				

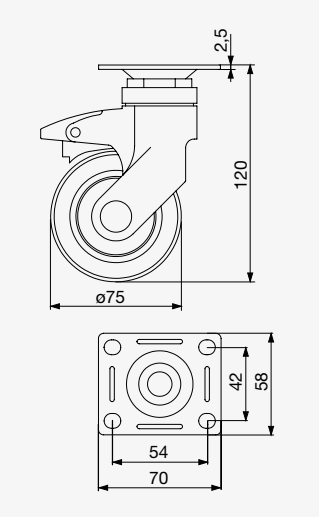
Riex GC64 Furniture Castor with Soft Tread



Grey



Grey with brake



Diameter [mm]	Colour	Brake	Code	Load capacity [kg]	Height [mm]	Tread width [mm]	Plate [mm]
75	Grey	No	**F001690**	60	120	24	70 × 58 × 2.5
		Yes	**F001691**				

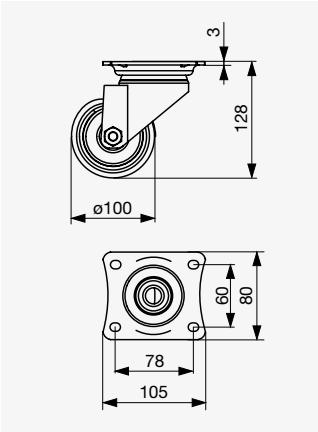
Tente Alpha Furniture Castor with Soft Tread

TENTE

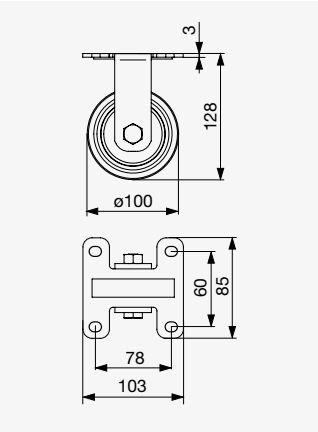




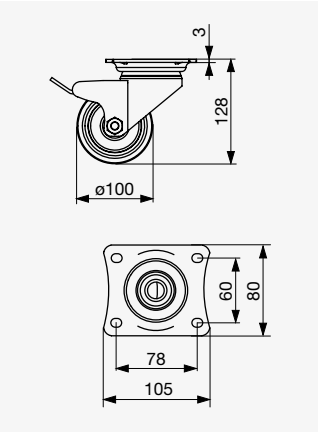




ⓘ **F003515**



ⓘ **F003516**



ⓘ **F003517**

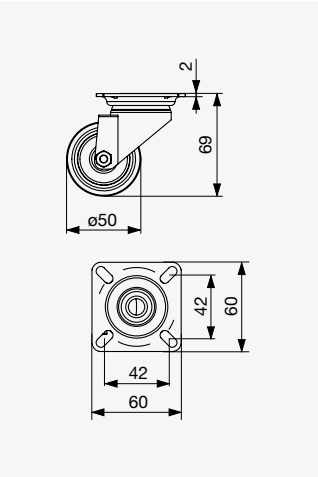
Diameter [mm]	Colour	Construction	Brake	Code	Load capacity [kg]	Height [mm]	Tread width [mm]	Plate [mm]
100	Grey	Rotate	No	**F003515**	220	128	28	80 × 60 × 3
		Fixed	No	**F003516**				
		Rotate	Yes	**F003517**				

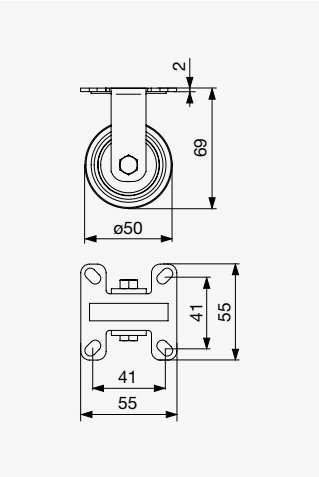
● Tente Agila Furniture Castor with Soft Tread

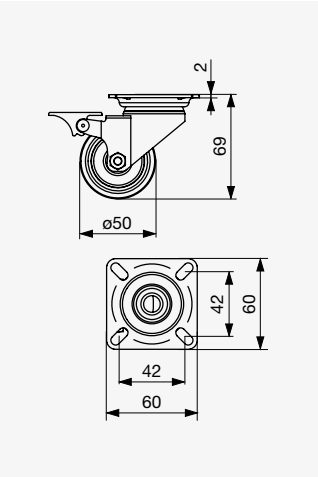












ⓘ **F003573** ⓘ **F003574** ⓘ **F003575**

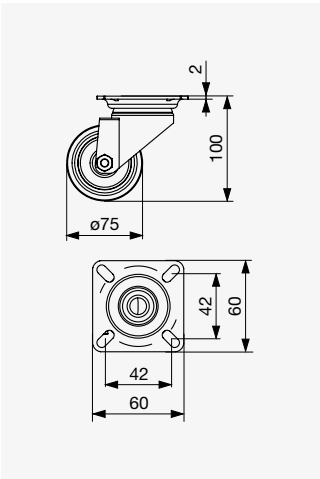
Diameter [mm]	Colour	Construction	Brake	Code	Load capacity [kg]	Height [mm]	Tread width [mm]	Plate [mm]
50	Grey	Rotate	No	**F003573**	80	69	19	60 × 60 × 2
		Fixed	No	**F003574**				55 × 55 × 2
		Rotate	Yes	**F003575**				60 × 60 × 2

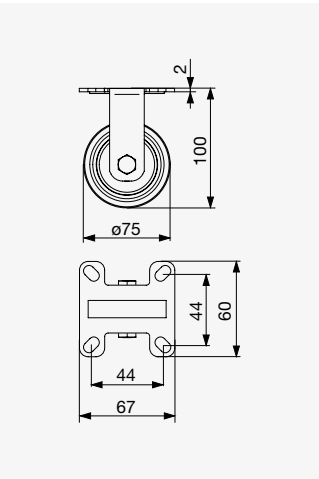
● Tente Agila Furniture Castor with Soft Tread

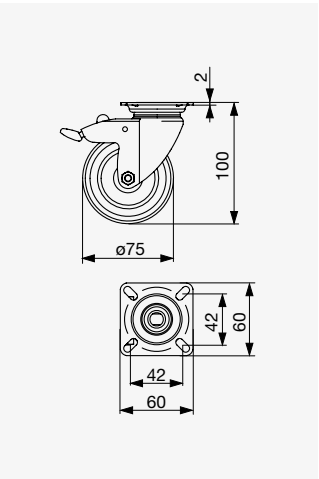












ⓘ **F003576** ⓘ **F003577** ⓘ **F003578**

Diameter [mm]	Colour	Construction	Brake	Code	Load capacity [kg]	Height [mm]	Tread width [mm]	Plate [mm]
75	Grey	Rotate	No	**F003576**	150	100	25	60 × 60 × 2
		Fixed	No	**F003577**				60 × 67 × 2
		Rotate	Yes	**F003578**				60 × 60 × 2

CONTENT

Legs and Table Slides

Elevate your tables with our fittings, quite literally. Our portfolio includes traditional table slides for extendable desks from Poettker and Riex ER60 legs, known for their excellent lateral stability.



● **Table Legs** **6.3**

● **Poettker Table Slide Systems** **6.7**
Poettker Table Slides 6.8
Fittings for Folding Tables 6.10

Table Legs

- ER40 – Economy solution of the round metal leg
- ER60 – The best solution among round metal legs. Patented design and unique side stability
- EA60 and EA80 – aluminium legs with square profile
- GS42 and GS43 – design model in attractive black colour made from 10 mm wires. Available also as legs for furniture and for small tables

Riex ER40 Table Leg ECONOMY



Chrome

- Economic solution of the table leg
- Simple plate with material thickness 1.5 mm
- 6 surface finishes available



Matt chrome



Matt black



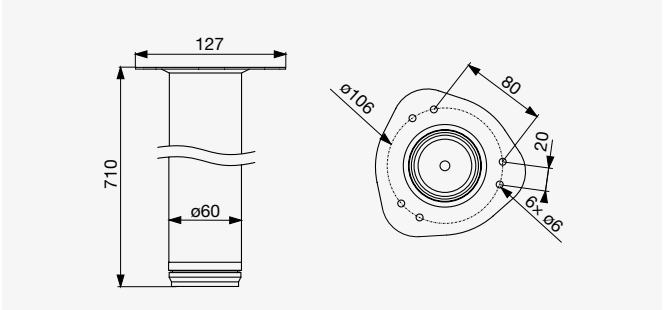
Grey



Glossy white



Stainless steel imitation



Colour	Height [mm]	Code	Height adjustment [mm]
Chrome	710	F000922	+15
Matt chrome		F003049	
Matt black		F000924	
Grey		F000926	
Glossy white		F000925	
Stainless steel imitation		F000923	

Riex ER60 Table Leg

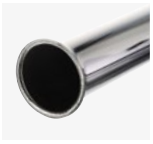


Stainless steel imitation

ER60 is the best choice when it comes to table legs.

The main advantages include:

- Excellent lateral stability [more than 80% higher than conventional types]
- Unique patented and very solid connection to the board
- No gradual loosening over time as with other types
- High quality 1.1 mm thick steel for the leg, high quality material for the plastic rectification]
- Wide range [7 finishes and 3 heights]



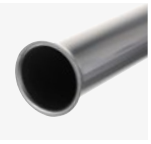
Chrome



Matt chrome



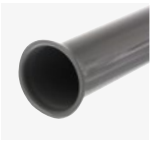
Matt black



Silver

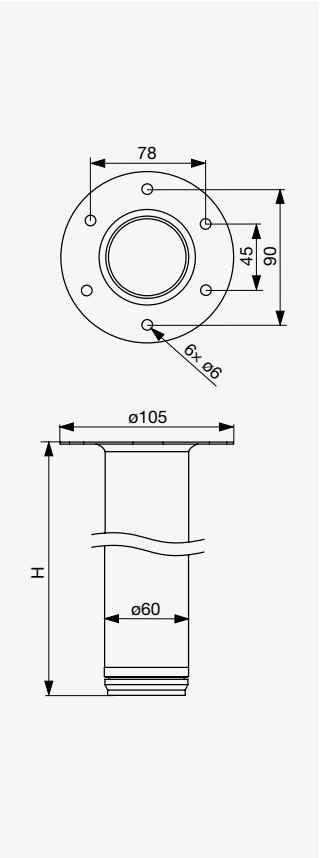


Glossy white



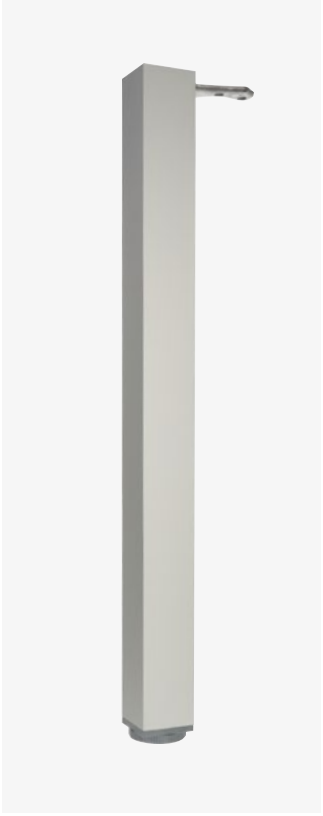
Grey

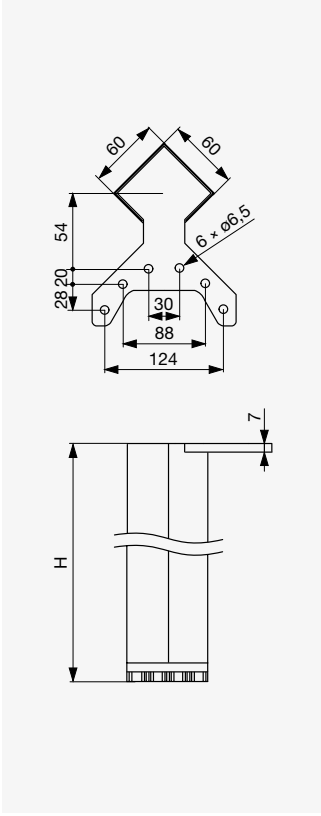




Colour	Height H [mm]	Code	Height adjustment [mm]
Stainless steel imitation	710	**F000903**	
	820	**F000904**	
	1100	**F000905**	
Chrome	710	**F000891**	
	820	**F000892**	
	1100	**F000893**	
Matt chrome	710	**F003616**	
	820	**F003617**	
	1100	**F003618**	
Matt black	710	**F000894**	+25
	820	**F000895**	
	1100	**F000896**	
Silver	710	**F000897**	
	820	**F000898**	
	1100	**F000899**	
Glossy white	710	**F000900**	
	820	**F000901**	
	1100	**F000902**	
Grey	710	**F000890**	

Riex EA60 Table Leg







● Stainless steel imitation



● Matt black



○ Glossy white

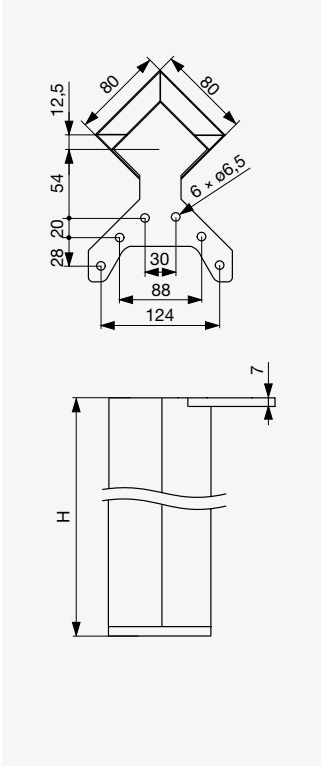
- Aluminium material
- Invisible connection
- Profile 60 × 60 mm
- 4 surface finishes available
- Solid zinc alloy cast bracket

Colour	Height H [mm]	Code	Height adjustment [mm]
Anodised aluminium	710	**F000910**	+20
	820	**F000911**	
	1100	**F000912**	
Stainless steel imitation	710	**F000913**	
	820	**F000914**	
	1100	**F000915**	
Matt black	710	**F000916**	
Glossy white	710	**F000917**	

● Anodised aluminium

Riex EA80 Table Leg







● Anodised aluminium



● Stainless steel imitation



○ Glossy white

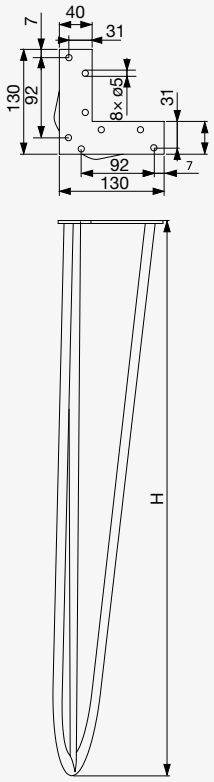
- Aluminium material
- Invisible connection
- Profile 80 × 80 mm
- 4 surface finishes available
- Solid zinc alloy cast bracket

Colour	Height [mm]	Code	Height adjustment [mm]
Anodised aluminium	710	**F000918**	+20
Stainless steel imitation	710	**F000919**	
Matt black	710	**F000920**	
Glossy white	710	**F000921**	

● Matt black

Riex GS43 Table and Furniture Leg



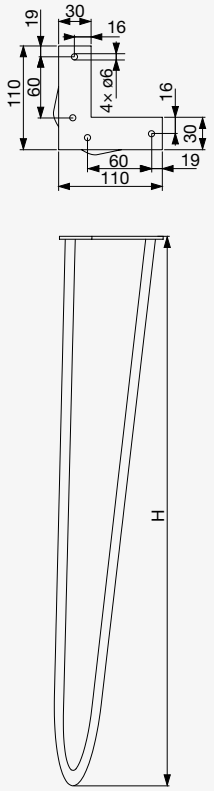


- ø10 mm welded steel wire
- 3 mm mounting plate thickness

Colour	Height H [mm]	Code	Height adjustment [mm]
Black	710	**F002847**	+2
	400	**F002846**	
	130	**F002845**	

Riex GS42 Table and Furniture Leg





- ø10 mm welded steel wire
- 3 mm mounting plate thickness

Colour	Height H [mm]	Code	Height adjustment [mm]
Black	710	**F002852**	×
	400	**F002851**	
	130	**F002850**	

Poettker Table Slide Systems

- Poettker – the classic brand in the world of table extensions
- Complete solution – slides + accessories
- Possible to order any special solution

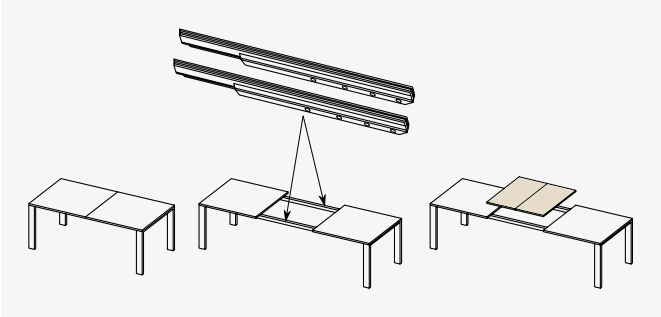


● Poettker Classic Table Slides



- Solution for extra long table
- High load capacity thanks to 1.75 and 2 mm thickness of material
- Set of table slides [pair]

Example for complet:
- Table slides
- Folding mechanism – eg. **F004788**
- Poettker table hinges – eg. **F004842**
- Metal dowels **F004844**
- Tension spring lock **F004846**



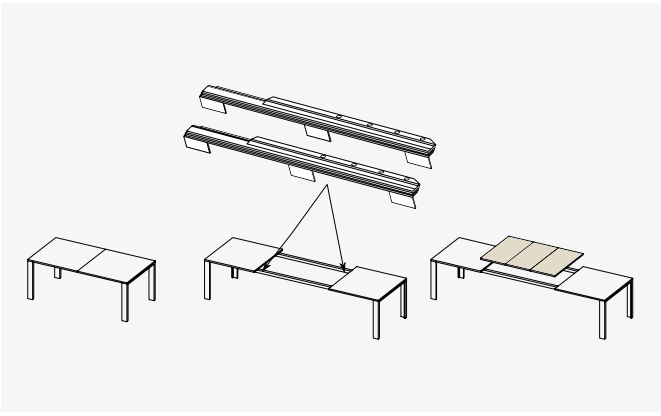
Length of slide [mm]	Inserts	Code	Brake	Synchro	Capacity [kg]
650	4× 500 mm	**F004781**	No	No	90
740	3× 500 mm	**F004782**			

● Poettker Kombi Table Slides



- Combination of aluminium and steel profile
- Set of table slides [pair]

Example for complet:
- Table slides
- Folding mechanism – eg. **F004788**
- Poettker table hinges – eg. **F004842**
- Metal dowels **F004844**



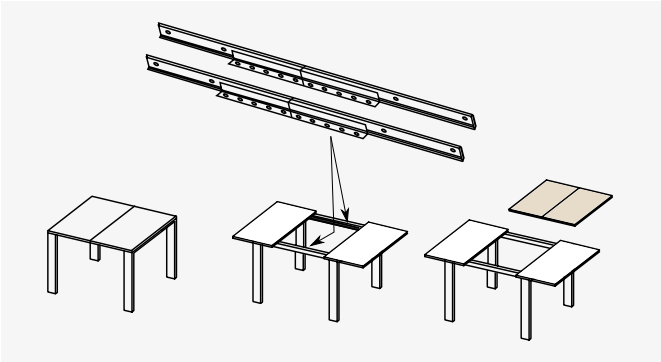
Length of slide [mm]	Inserts	Code	Brake	Synchro	Capacity [kg]
980	3× 500 mm	**F004786**	Yes	Yes	90

● Poettker Basic Advance Table Slides



- All models with brake and with synchronisation
- Set of table slides [pair]

Ideal for complet:
- Table slides
- Folding mechanism – eg. **F004788**
- Poettker table hinges – eg. **F004842**
- Metal dowels **F004844**



Length of slide [mm]	Inserts	Code	Brake	Synchro	Capacity [kg]
850	1× 500 mm	**F004785**	yes	yes	90
1150	2× 400 mm	**F004784**			
1350	2× 500 mm	**F004783**			

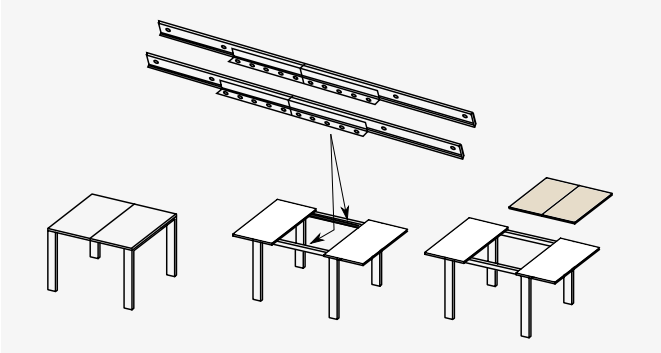
● Poettker Basic Table Slides



- Basic solution without brake and without synchronisation
- Set of table slides [pair]

Ideal for complet:
- Table slides
- Folding mechanism – eg. **F004788**
- Poettker table hinges – eg. **F004842**
- Metal dowels **F004844**
- Tension spring lock **F004846**

Model on the video is with the brake and with synchronisation.

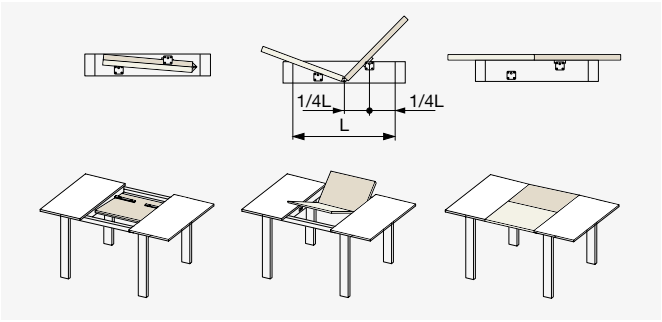


Length of slide [mm]	Inserts	Code	Brake	Synchro	Capacity [kg]
680	1× 500 mm	**F004847**	no	no	60

● Poettker SFM Folding Mechanism



- Simple solution and easy installation



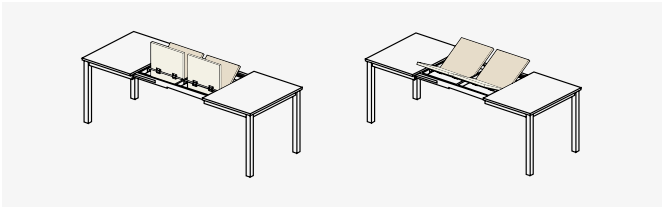
Type	Code
Set of 4 pieces	**F004787**

● Poettker FM-Stop Folding Bar



- Folding mechanism with brake
- Ideal to use with **F004841** [L plastic rocker]

Example of using FM Stop folding bar.

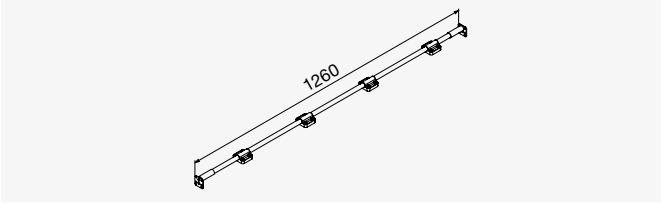


Length of bar [mm]	Code
1 000	**F004789**

● Poettker Folding Bar



- Open 180°
- Zinc die-cast
- Ideal to use with **F004841** [L plastic rocker]
- Possible to cut
- Similar solution as **F004789** but simple and without brake



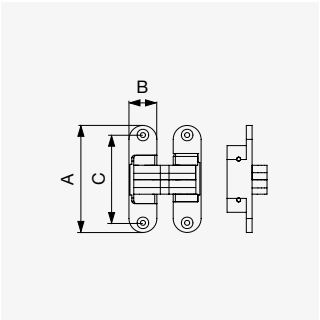
Length of bar [mm]	Code
1 260	**F004788**

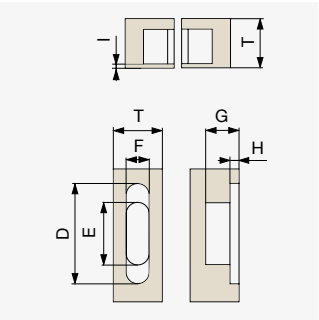
● Poettker Table Hinges



ⓘ **F004843**

- Open 180°
- Zinc die-cast





Board thickness [mm]	Code
18–25	**F004843**
22–30	**F004842**
28–40	**F004887**
35–50	**F004888**

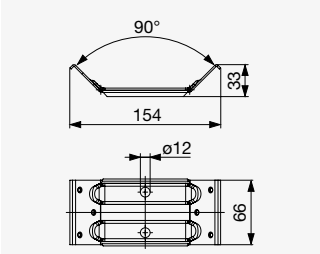
	A	B	C	D	E	F	G	H	I	T
F004843	44.3	13	31	44.5	19	13.5	19	5	2.8	18–25
F004842	60.7	12.6	46.5	61.5	32	13.5	19	6.5	2.8	22–30
F004887	69.9	15.7	51	70	34	16	24	7.5	2.8	28–40
F004888	95	17.8	73.6	94.3	54.6	19	28.5	9.5	2.8	35–50

● Riex EZ01
Table Corner Connection

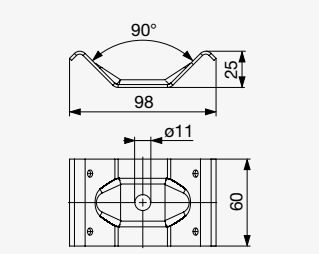
RIEX



ⓘ **F004848**



ⓘ **F004848**



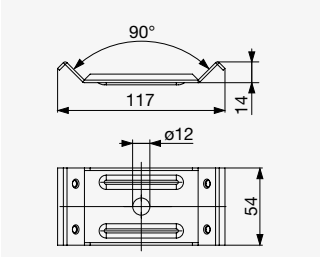
ⓘ **F004849**



ⓘ **F004849**



ⓘ **F004850**



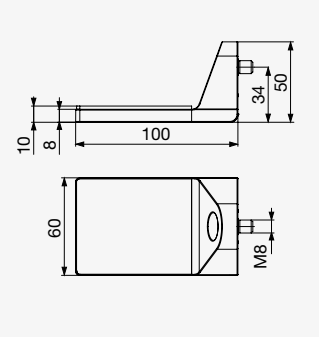
ⓘ **F004850**

Height [mm]	Length [mm]	Code	Connection hole [mm]
66	154	**F004848**	2× ø12 mm
60	98	**F004849**	1× ø11 mm
54	117	**F004850**	1× ø12 mm

● Poettker Accessories



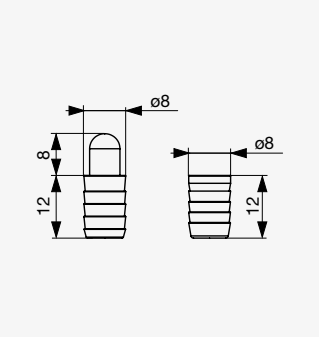
ⓘ **F004841**



ⓘ **F004841**



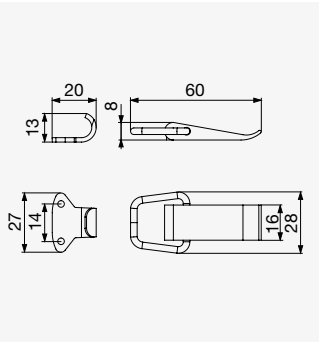
ⓘ **F004844**



ⓘ **F004844**



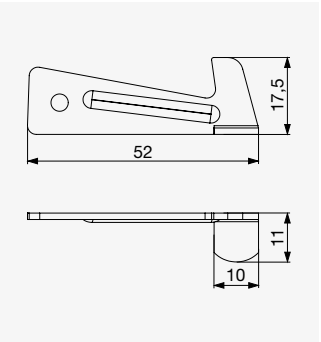
ⓘ **F004845**



ⓘ **F004845**



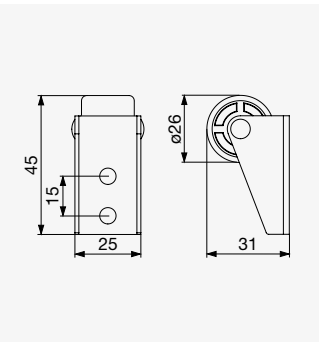
ⓘ **F004846**



ⓘ **F004846**



ⓘ **F004889**



ⓘ **F004889**

Type	Code
L plastic rocker	**F004841**
Metal dowel / bushing	**F004844**
Turnbuckle with tension spring	**F004845**
Hook bolt	**F004846**
Vertical connection castor	**F004889**

CONTENT

Locks, Plugs and Magnets

Secure the furniture and its contents. You can choose from locks with an integrated or replaceable cylinder insert. Thanks to exchangeable inserts, you have many options for combining locks and using a variety of key variants, with the option of master key functions. In addition, you can choose other accessories such as plugs, magnets and fittings to secure furniture against tipping over.



● **Riex EP Furniture Locks** **7.3**
Riex EP Furniture Locks 7.4
Riex EP20 Cylinder Cores 7.11
Riex EP10 Cylinder Cores 7.13
Accessories for Cylinder Cores 7.14

● **Riex EZ20 Furniture Locks** **7.15**

● **Bolts, Magnetic Latches and Accessories** **7.19**

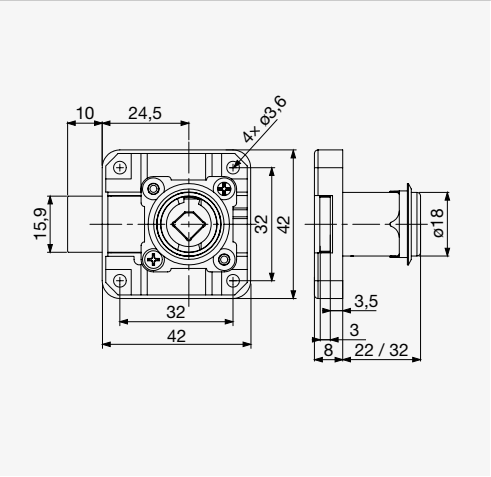
Riex EP Furniture Lock

- Replaceable cylinder cores
- Many options for combining inserts and keys
- 2 levels of cylindrical cores EP10 and EP20
- Cylinder cores compatible with all lock bodies



Riex EP50
Drawer Lock



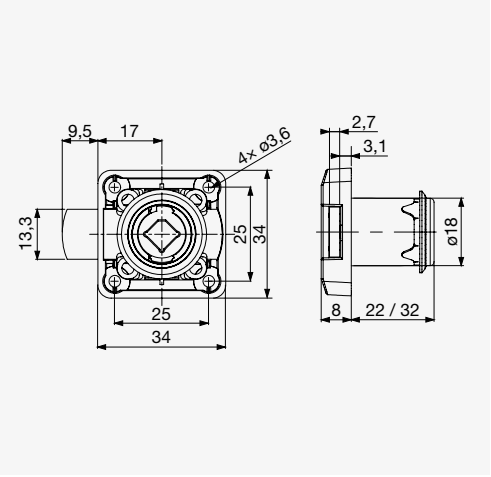


Cylinder length [mm]	Application side	Code
22	Right	F002081
	Left	F002082
	Up / Down	F002083
32	Up / Down	F002868

- Nickel plated
- Includes rosette
- For full set use the counter strike plate **F002092**
- For complete set add a cylinder core p. 7.11

Riex EP52
Drawer Lock with Plastic Body



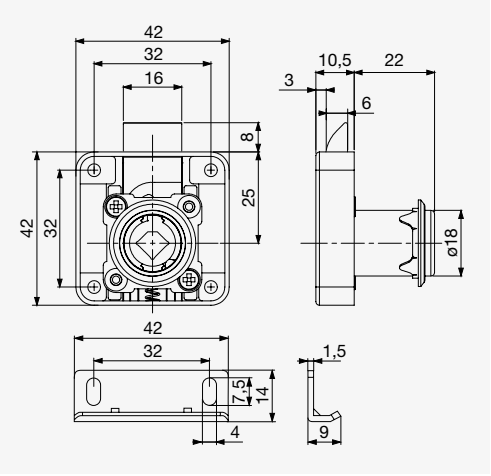


Cylinder length [mm]	Application side	Code
22	Right	F002085
	Left	F002086
	Up / Down	F002084
32	Up / Down	F002869

- Nickel plated / plastic body
- Includes rosette
- For full set use the counter strike plate **F002092**
- For complete set add a cylinder core p. 7.11

Riex EP55
Slam Lock





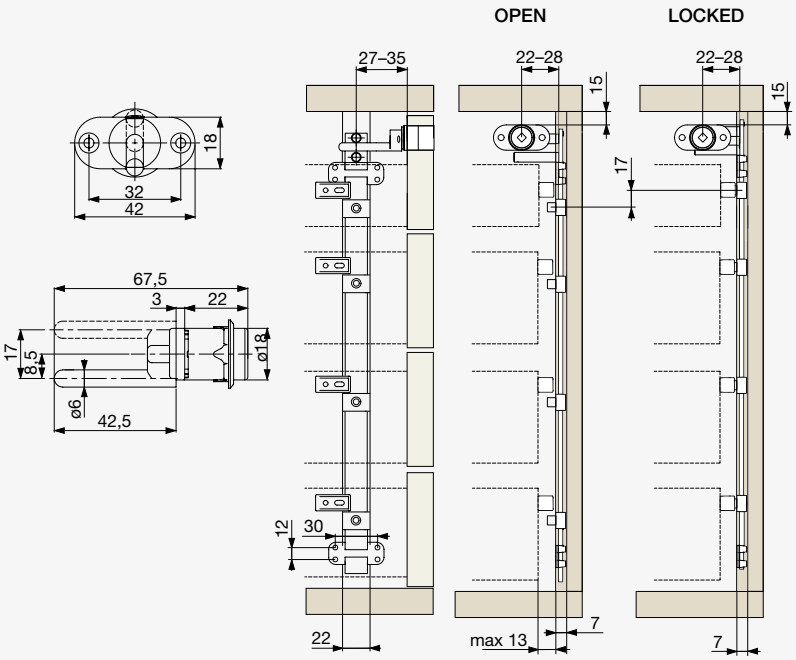
Application side	Code
Up / Down	F002087

- Nickel plated
- Includes rosette and counter strike plate
- For complete set add a cylinder core p. 7.11

Riex EP60
Front Central Bar Lock



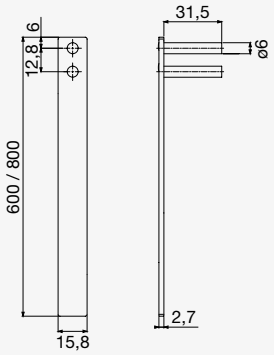
Type	Code
For 4 drawers [without bar]	**F002088**



- Nickel plated
- Includes rosette
- For complete set add a cylinder core p. 7.11

Riex EP60
Bar for Front Central Bar Lock

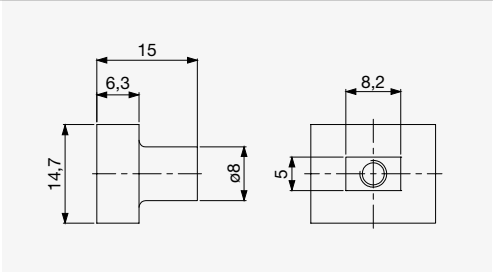




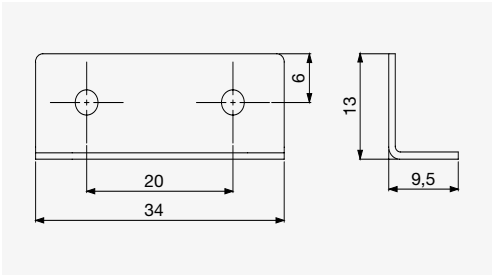
Length [mm]	Code
600	**F002089**
800	**F002090**

Riex EP60
Front Central Bar Lock Accessories

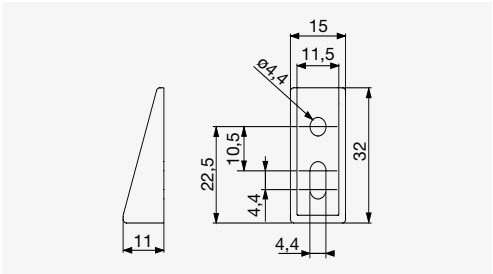










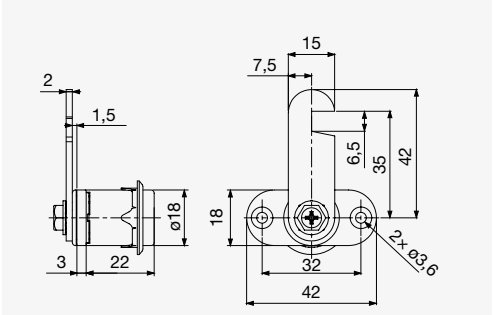


Type	Code
Extra pin	**F002091**
L plate bracket*	**F002092**
Blocking bracket	**F002093**

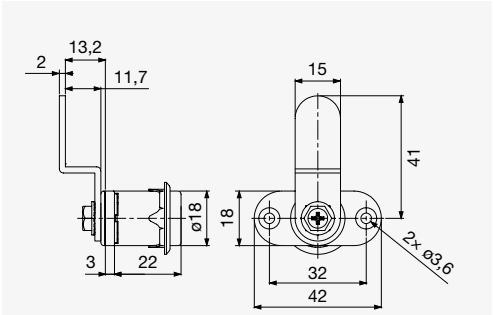
* another model of strike plate **F002043** – see p. 7.19.

Riex EP59
Lever Lock







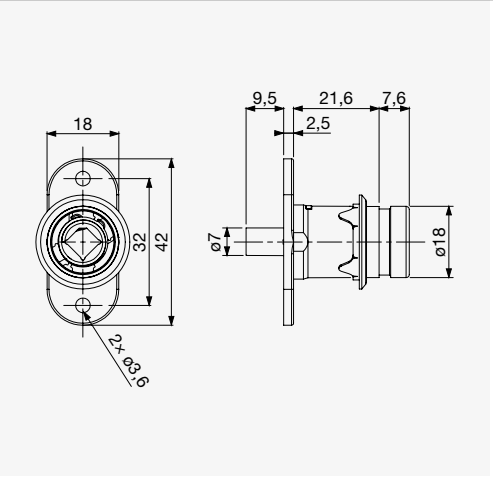


Type	Code
With hook [51 mm]	**F002096**
With plate [49 mm]	**F002097**

- Nickel plated
- Includes rosette
- For complete set add a cylinder core p. 7.11

Riex EP58
Push Lock with Straight Pin



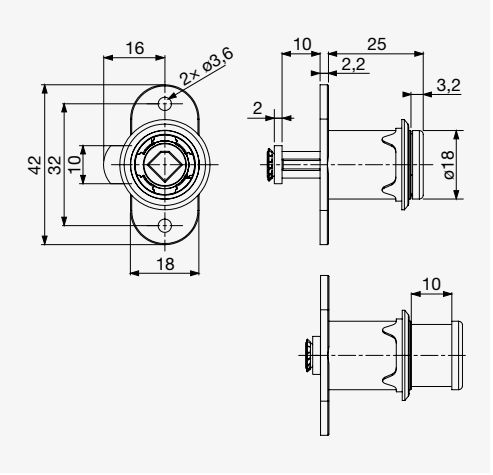


Type	Code
Lock	**F002094**

- Nickel plated
- Includes rosette
- For sliding door applications
- For complete set add a cylinder core p. 7.11

Riex EP58
Push and Turn Lock with L Pin



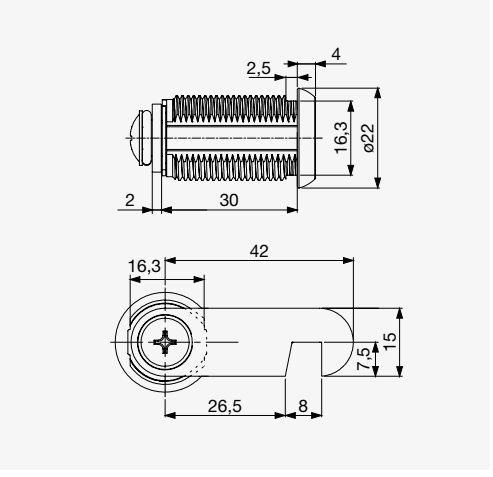


Type	Code
Lock	**F002095**

- Nickel plated
- Includes rosette
- For sliding door applications
- For complete set add a cylinder core p. 7.11

Riex EP57
Cam Lock with Hook





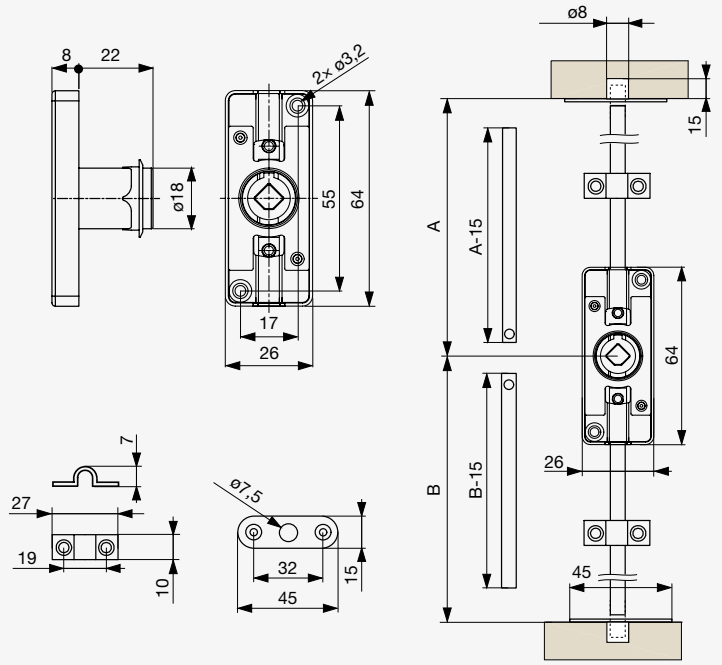
Type	Code
With hook [30 mm]	**F002098**

- Nickel plated
- For complete set add a cylinder core p. 7.11

Riex EP67
Expanding Bar Lock



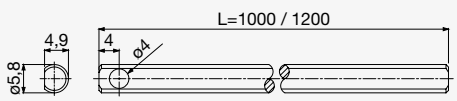
Type	Code
Lock with accessories [without bars]	**F002107**



- Nickel plated
- Includes rosette
- As for the counter strike plate you can use **F002092**
- For complete set add a cylinder core p. 7.11

Riex EP67
Bar for Expanding Bar Lock





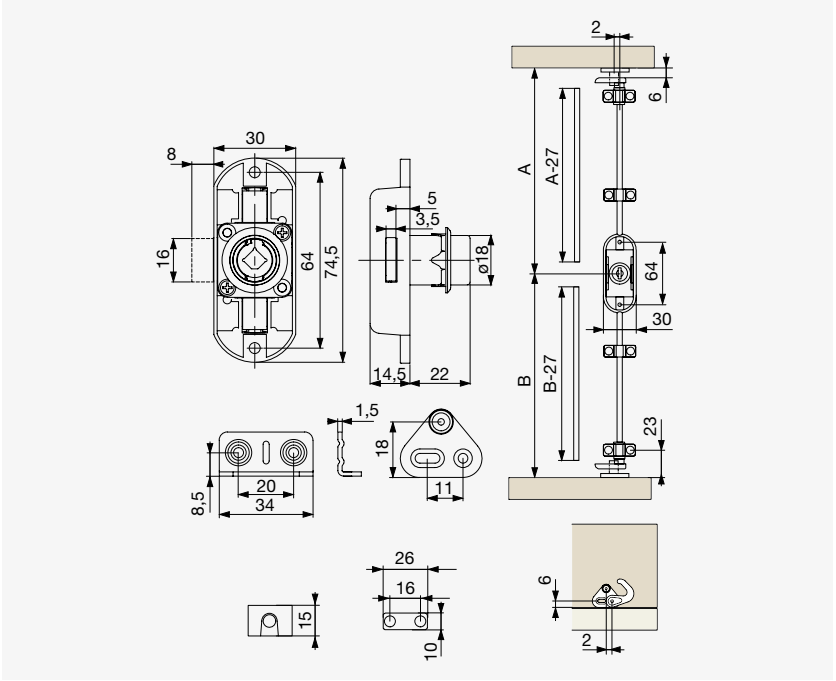
Length [mm]	Code
1000	**F002108**
1200	**F002109**

- For complete needs usually 2 bars

Riex EP64
Espagnolette Bar Lock



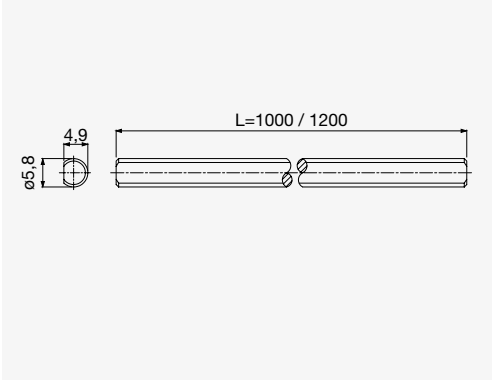
Type	Code
Lock with accessories [without bars]	F002104



- Nickel plated
- Includes rosette
- For complete set add a cylinder core p. 7.11

Riex EP64
Bar for Espagnolette Bar Lock



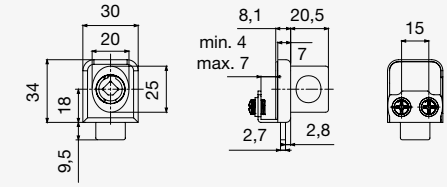


Length [mm]	Code
1000	F002105
1200	F002106

- For complete set usually needs 2 bars

Riex EP71
Lock for Glass Door without Drilling

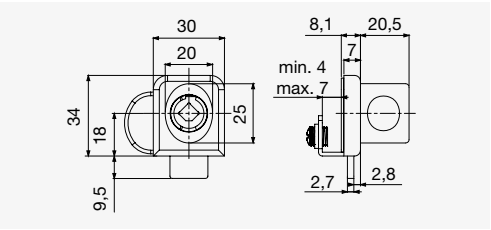




Thickness of glass [mm]	Number of doors	Code
4–7	1	F002099
	2	F002100

ⓘ **F002099**



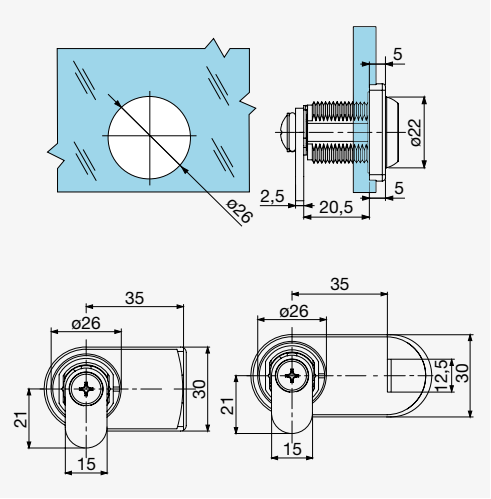


ⓘ **F002100**

- Nickel plated
- For complete set add a cylinder core p. 7.11

Riex EP73
Lock for Drilled Glass Door





Thickness of glass [mm]	Number of doors	Code
4–14	1	F002102
	2	F002103

ⓘ **F002102**

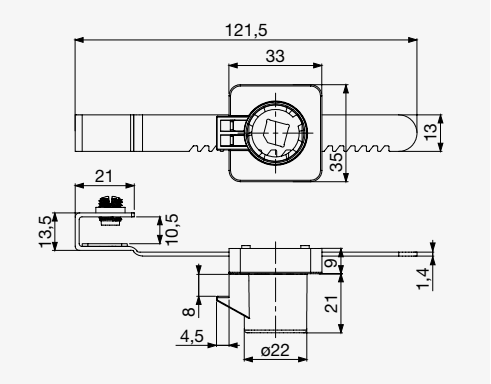


ⓘ **F002103**

- Nickel plated
- Hole ø26 mm drilling required
- For complete set add a cylinder core p. 7.11

Riex EP72
Lock for Glass Sliding Door without Drilling





Thickness of glass [mm]	Code
4–9	F002101

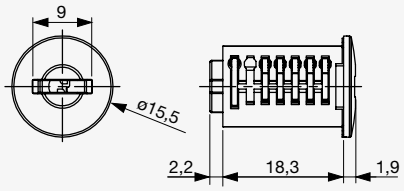
- Nickel plated
- Includes rosette
- For complete set add a cylinder core p. 7.11

Riex EP 20 Cylinder Cores

- Improved cylinder cores and keys with internal wave groove and side dimples
- High security level – protection against opening with a key other than the corresponding key
- More than 3000 combinations
- 3 master groups A, B and X
- Master group X is without master key

Riex EP20
Cylinder Core with Different Combination





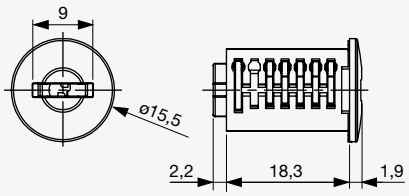
- More than 3000 different combinations
- More combination for projects on demand
- 2 groups with different master keys
- Master group X
  - Without the master key
  - Risk of not being able to open the lock if the keys are lost

Master group	Cylinder No.	Code
A	1–100	**F002046**
	101–200	**F002047**
	201–300	**F002048**
	301–400	**F002049**
B	401–500	**F002050**
	501–700	**F002051**
	701–900	**F002052**
	901–1100	**F002053**
	1101–1300	**F002054**
X	2001–4000	**F002055**

* If you buy 10 pcs of **F002046** you will get 10 different cylinder cores from line A0001-A0100.
* If you need 150 pcs of different cores you need to buy 100 pcs of **F002046** and 50 pcs of **F002047** or 150 pcs of **F002051.**
* If you dont want to have Master group you need to get **F002055** – without option for emergency opening.

Riex EP20
Cylinder Core with Same Combinations





- Possible to order 20 different groups with same combinations

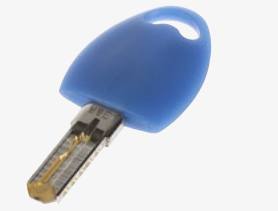
Master group	Cylinder no.	Code
A	5001	**F002056**
	5002	**F002057**
	5003	**F002058**
	5004	**F002059**
	5005	**F002060**
	5006	**F002061**
	5007	**F002062**
	5008	**F002063**
	5009	**F002064**
	5010	**F002065**
	5011	**F002066**
	5012	**F002067**
	5013	**F002068**
	5014	**F002069**
	5015	**F002070**
	5016	**F002071**
	5017	**F002072**
	5018	**F002073**
	5019	**F002074**
	5020	**F002075**

* Right cylinder core for office with multiple locks opened by one key.
* If you have 5 locks in office you will buy 5pcs of **F002056** and all keys will be same.
* Check also the sample of situation on p. 7.14.

Riex EP20
Removal and Master Keys



ⓘ Removal



ⓘ Master

- Removal key – to remove the cylinder core from the lock body. The lock must be in the unlocked position
- Master key – any lock with a cylinder core from the same master group can be opened

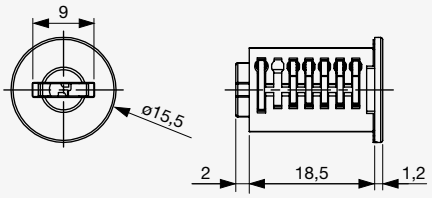
Type of key	Master Group	Code
Master	A	**F002079**
	B	**F002080**
Removal	A+B+X	**F002077**

Riex EP 10 Cylinder Cores

- Basic cylinder core with standard key
- Economic version with 200 combinations
- Not possible to choose particular combination
- One master group M1

Riex EP10 Cylinder Core





- 200 combinations of the keys
- Simple key
- One master group

Master group	Cylinder no.	Code
M1	1–200	**F002044**

Riex EP10 Removal and Master Keys



ⓘ Removal



ⓘ Master

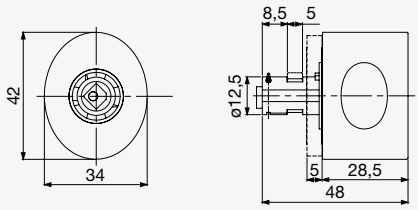
- Removal – to remove the cylinder core from the lock body. The lock must be in the unlocked position
- Master – any lock with a cylinder core from the same master group can be opened

Type of key	Master Group	Code
Master	M1	**F002078**
Removal		**F002076**

Accessories for Cylinder Cores

Riex EP20 / EP10
Oval Knob





Type	Code
Knob for locking	**F002110**

- Nickel plated
- For complete set add a cylinder core p. 7.11

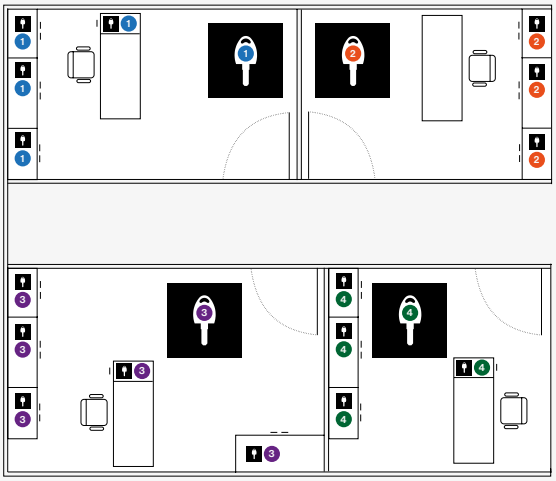
Possible solutions using replaceable core cylinders EP20 in offices:

- Control over key combinations – easy exchangeability, e.g. when relocating furniture [also for EP10]
- Possibility to have the same key for several locks – advantage of having one key for several locks [for glass cabinet, for desk drawers or for cupboards etc.]

Example:

- Each office contains several lockers
- Office user has only one key for all lockers
- Keys between offices are incompatible

Office 1 – 4x code **F002056**
Office 2 – 4x code **F002057**
Office 3 – 5x code **F002065**
Office 4 – 4x code **F002066**

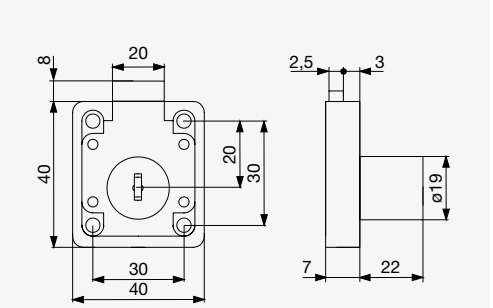


Riex EZ20 Furniture Locks

- Basic group of furniture locks
- Integrated cylinder core
- No option to define cylinder / key combinations

Riex EZ20 ECONOMY
Drawer Lock



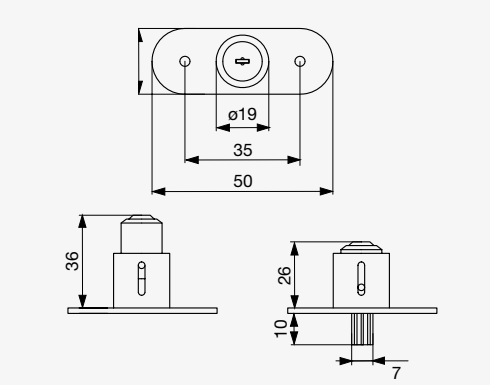


Type	Code
Zinc body	F002030
Iron body	F002031

- Include 2 keys and a rosette

Riex EZ20 ECONOMY
Push Lock



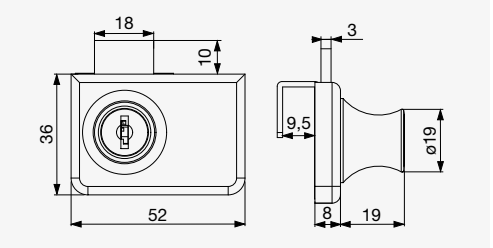


Type	Code
Lock	F002042

- For sliding door applications
- Include 2 keys and a rosette

Riex EZ20 ECONOMY
Lock for Glass Door





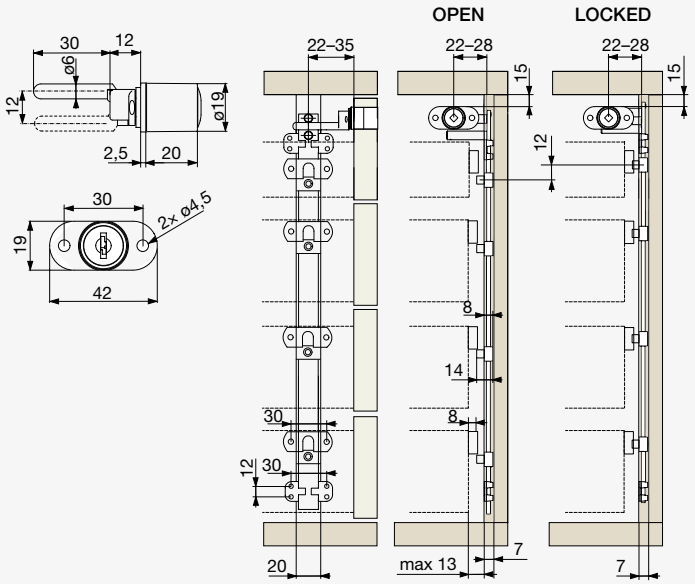
Type	Code
Lock chrome plated	F002041

- For glass thickness 4–8 mm

Riex EZ20 ECONOMY
Central Bar Lock

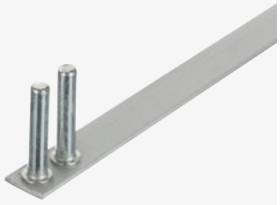


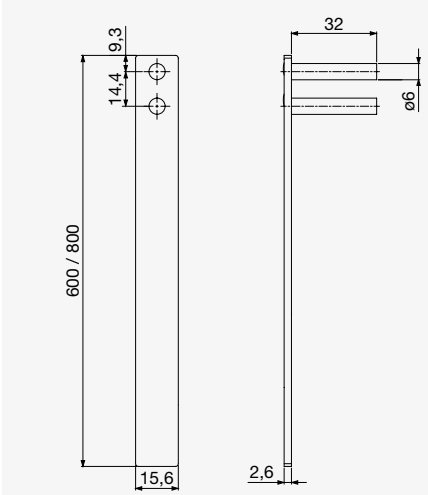
Type	Code
Lock without bar	**F002035**



Contains:
- Lock
- 2 Keys
- Rosette
- Counterplate [only with iron model]

Riex EZ20 ECONOMY
Bar for Central Bar Lock





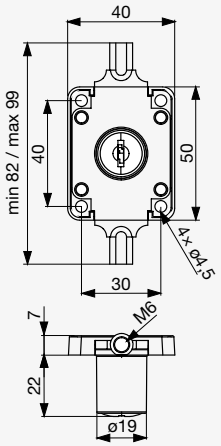
Length [mm]	Code
600	**F002036**
800	**F003039**

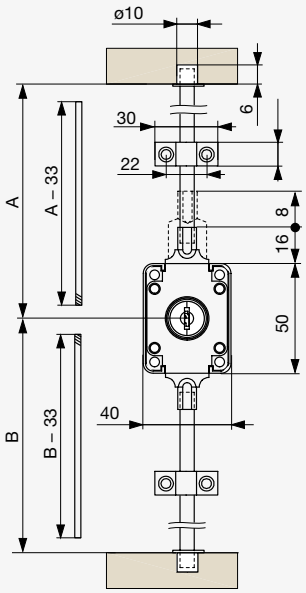
- For combination with central bar lock

Riex EZ20 ECONOMY
Expending Bar Lock



Type	Code
Lock without bars	**F002037**

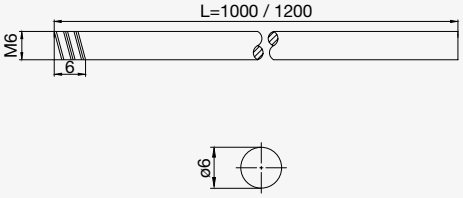




- Include 2 keys and rosette
- Equip with two bars to get the complete set

Riex EZ20 ECONOMY
Bar for Expanding Bar Lock

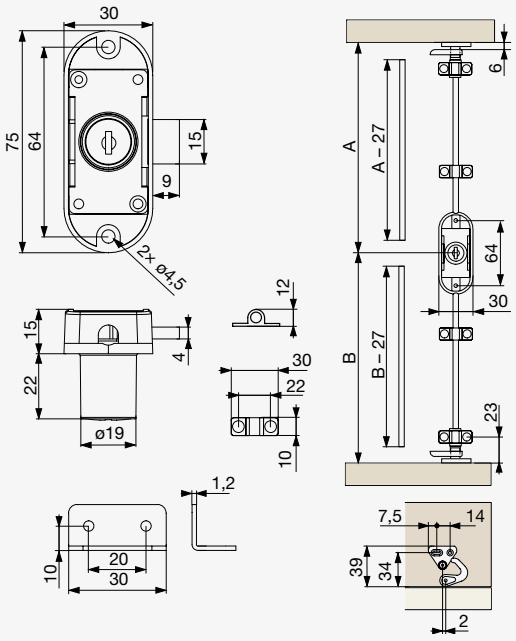




Length [mm]	Code
1000	**F002899**
1200	**F002900**

Riex EZ20 ECONOMY
Espagnolette Lock



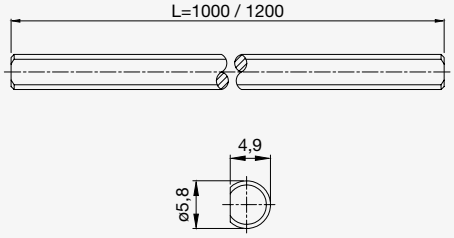


Type	Code
Lock without bars	**F002039**

- Include 2 keys and rosette
- Equip with two bars to get the complete set

Riex EZ20 ECONOMY
Bar for Espagnolette Lock



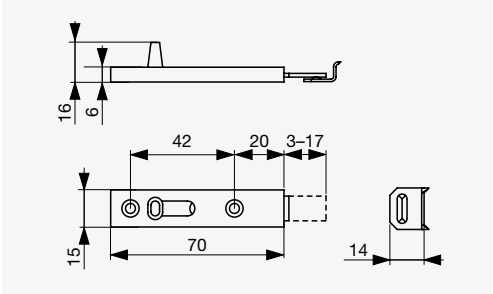


Length [mm]	Code
1000	**F002901**
1200	**F002902**

Bolts, Magnetic Latches and Accessories

Riex EZ05
Furniture Bolt

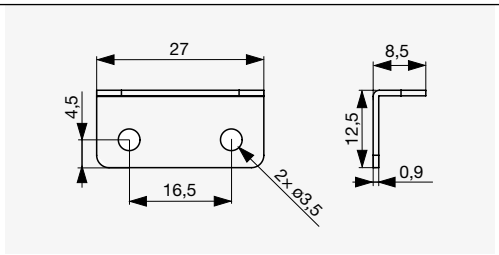




Colour	Code
Nickel	F003570

Riex EZ20
Strike Plate





Colour	Code
Zinc	F002043

- Another model of strike plate **F002092** – see p. 7.6

Riex ER15
Double Door Stopper

○ White



● Brown



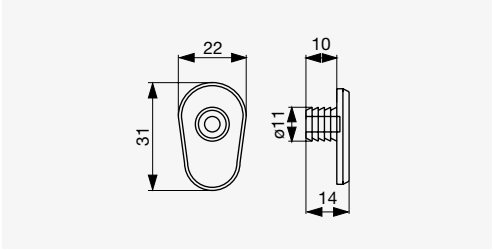
● Black

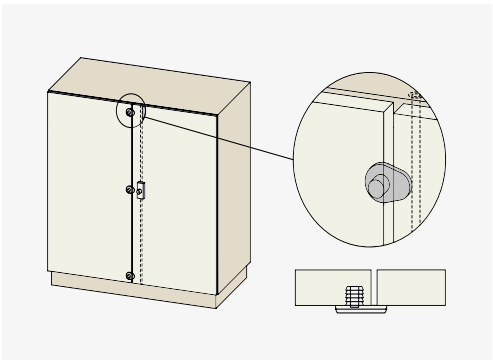


● Beige



● Grey





Colour	Code
White	F002944
Brown	F002945
Black	F002946
Beige	F002947
Grey	F002948

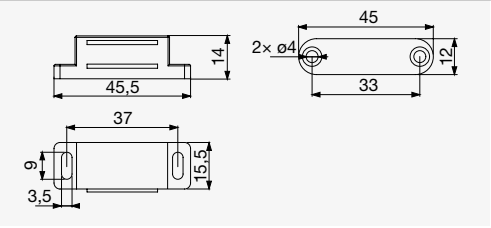
Riex EG20
Magnetic Door Latch 2 kg



○ White



● Brown



Colour	Code
White	F002149
Brown	F002148

• With metal counterplate

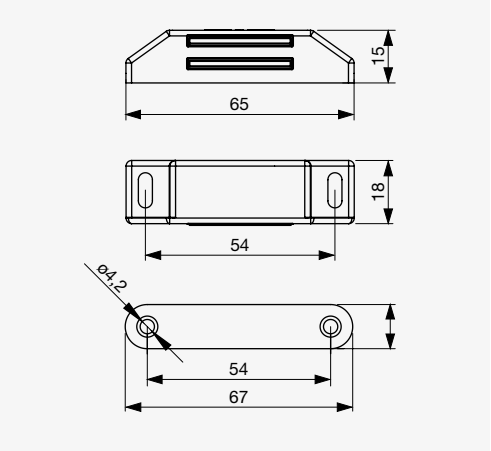
Riex EG60
Magnetic Door Latch 4 kg



○ White



● Brown



Colour	Code
White	F003003
Brown	F003004

• With metal counterplate

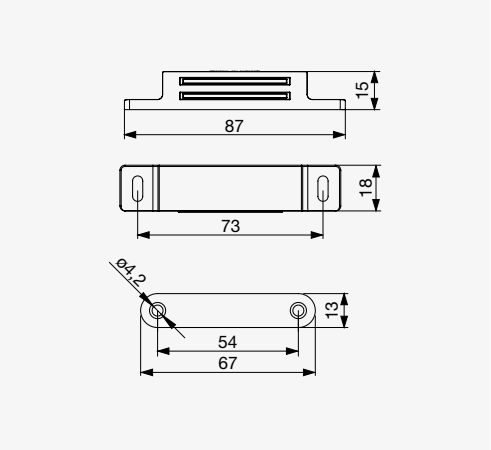
Riex EG80
Magnetic Door Latch 6 kg



○ White



● Brown



Colour	Code
White	F003005
Brown	F003006

• With metal counterplate

Office Fittings

Even though more and more companies are switching to wireless technologies, cable management remains a challenge. Our cable outlets, available in various shapes and colours, are designed to complement your furniture without interfering with its aesthetics.



● **Cable Outlets** **8.3**
Aluminium Cable Outlets 8.4
Zinc Cast Cable Outlets 8.6
Plastic Cable Outlets 8.7

Cable Outlets



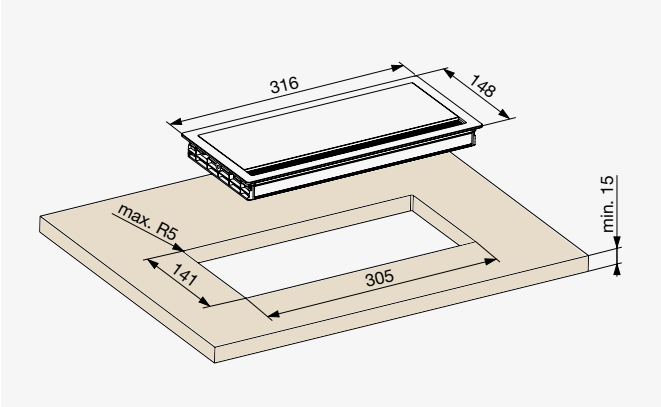
● ASACable Exit Mono 2.0
Aluminium Cable Outlet



○ White



● Black



- The top plate is made from solid aluminium
- Soft-close mechanism

Colour	Code	Dimension [mm]	Installation height [mm]
White	**F005556**	316 × 148	25
Black	**F005557**		

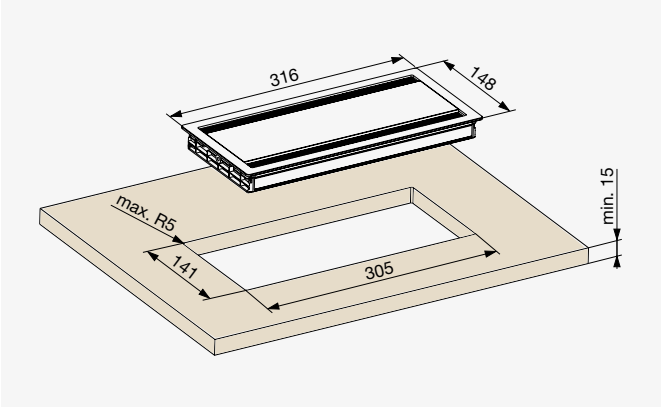
● ASACable Exit Dual
Aluminium Cable Outlet



● Black



○ White

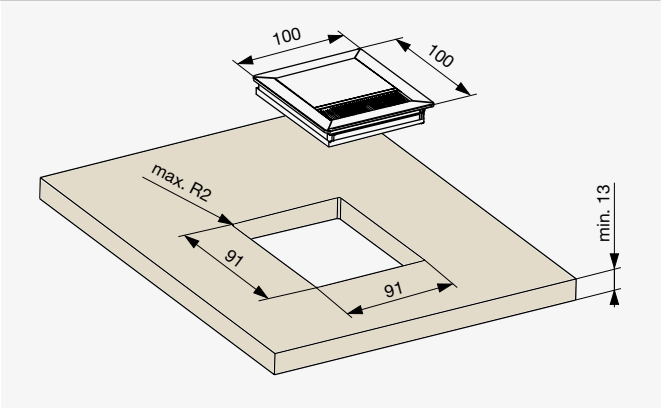


- The top plate is made from solid aluminium
- Both side of opening

Colour	Code	Dimension [mm]	Installation height [mm]
White	**F005558**	316 × 148	25
Black	**F005559**		

Riex EK13 Exit Edge 100 × 100 mm Cable Outlet



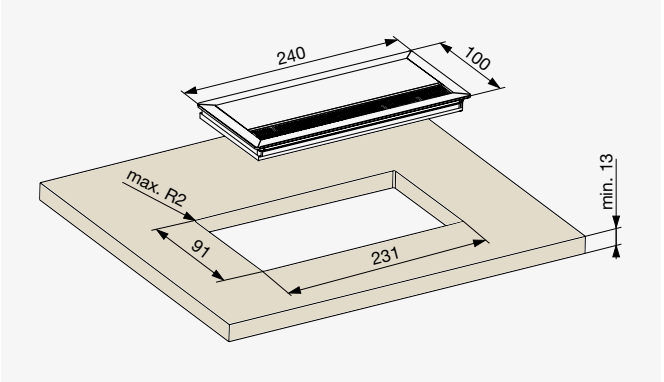


- Aluminium profile

Colour	Code	Dimension [mm]	Installation height [mm]
Anodised aluminium	**F005560**	100 × 100	13

Riex EK13 Exit Edge 240 × 100 mm Cable Outlet





- Aluminium profile

Colour	Code	Dimension [mm]	Installation height [mm]
Anodised aluminium	**F005561**	240 × 100	13

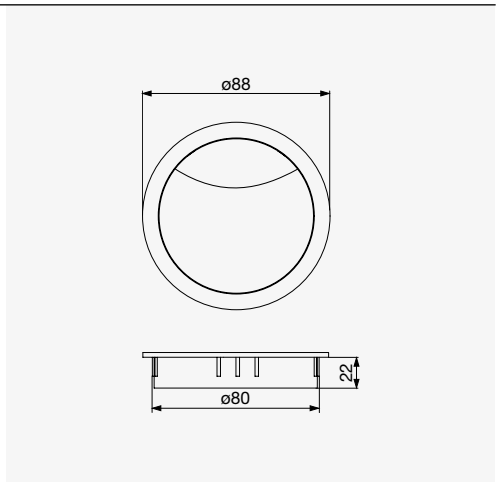
● ASACable Round ø80 mm
Zinc Cast Cable Outlet



● Chrome



● Stainless steel imitation



Colour	Code	Installation height [mm]
Chrome	**F005562**	22
Stainless steel imitation	**F005563**	

➲ Riex EK60 ø60 mm
Zinc Cast Cable Outlet

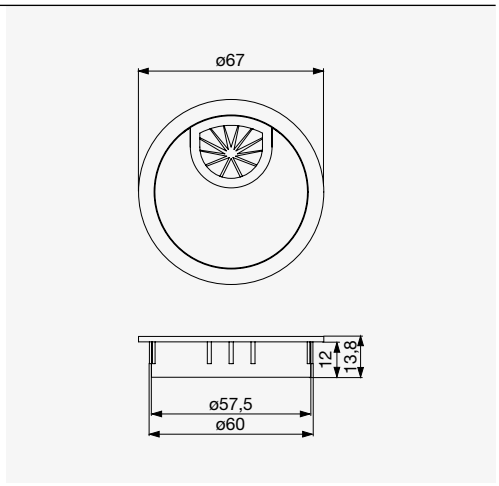
RIEX



● Brushed nickel



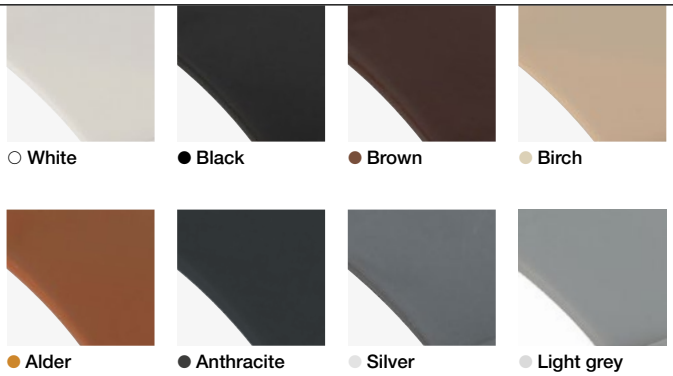
● Chrome

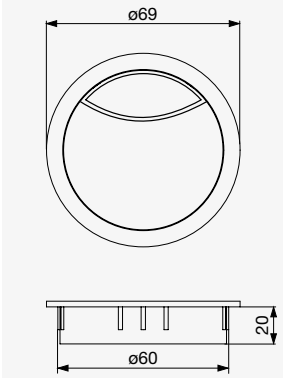


Colour	Code	Installation height [mm]
Brushed nickel	**F003045**	12
Chrome	**F003046**	

Riex EK62 ø60 mm Plastic Cable Outlet



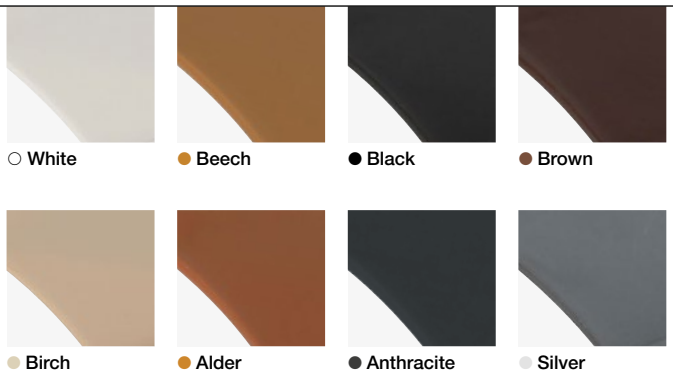


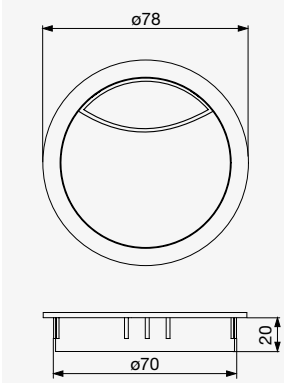


Colour	Code	Installation height [mm]
White	F005515	
Beech	F005517	
Black	F005518	
Brown	F005519	
Birch	F005521	20
Alder	F005522	
Anthracite	F005523	
Silver	F005524	
Light grey	F005525	

Riex EK72 ø70 mm Plastic Cable Outlet







Colour	Code	Installation height [mm]
White	F005527	
Beech	F005529	
Black	F005530	
Brown	F005531	
Birch	F005533	20
Alder	F005534	
Anthracite	F005535	
Silver	F005536	
Light grey	F005537	

Riex EK64 ø60 mm
Plastic Cable Outlet



Birch



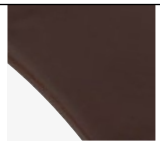
White



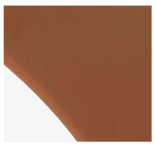
Beech



Black



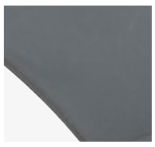
Brown



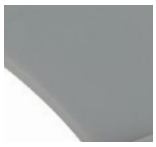
Alder



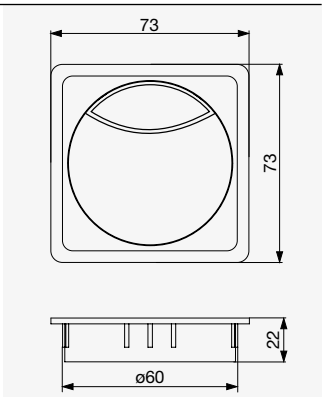
Anthracite



Silver



Light grey



Colour	Code	Installation height [mm]
White	**F005539**	
Beech	**F005541**	
Black	**F005542**	
Brown	**F005543**	
Birch	**F005545**	20
Alder	**F005546**	
Anthracite	**F005547**	
Silver	**F005548**	
Light grey	**F005549**	

Kitchen Fittings

Cutlery trays, non-slip pads or knife blocks may not be the first items that come to mind when setting up a kitchen. However, these often overlooked parts play a significant role in how customers feel and function in their kitchen. Explore our range of kitchen fittings that bring order and neatness to every drawer. Recently, we added sorters and waste bins from our private label, Riex, to this portfolio.



● **Riex Cutlery Trays** **9.3**

● **Antislip Mats** **9.12**

● **Ventilation Grids and Duct Vents** **9.15**

● **Worktop Accessories** **9.17**

● **Riex Kitchen Sorters and Bins** **9.19**
Pull-Out Sorters with Slide 9.20
Inserted Sorters into Drawers 9.25
Pull-Out Sorters and Baskets 9.26

● **Laundry and Bathroom Equipments** **9.30**

Riex Cutlery Trays

- Easy insert to drawer
- Several colours and surfaces
- Easy to fit to particular dimension
- Many accessories and inserts



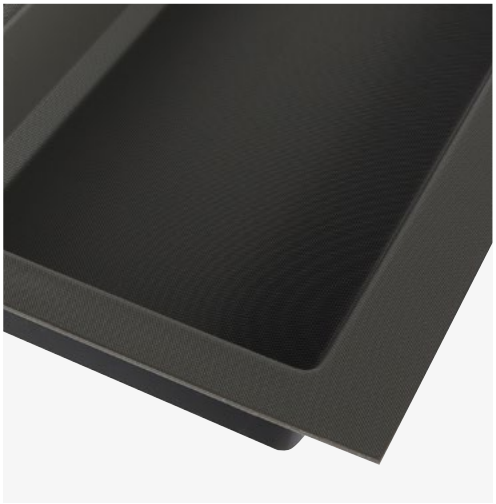
Riex GM70 Cutlery Trays





- Classic shape
- Two structure design
- Antislip and softtouch surface for design models
- Height 50 mm
- Ready for RiexTrack 500 or 450 mm depth
- Easy to reduce size





For cabinet 500 mm depth

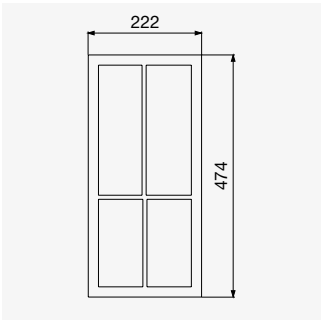
Cabinet width [mm]	SoftTouch grey	Grained white	Product dimensions		
			Width [mm]	Depth [mm]	Height [mm]
300	**F003469**	**F003587**	222	474	50
400	**F003470**	**F003583**	322		
450	**F003471**	**F003584**	372		
500	**F003472**	**F003582**	422		
600	**F003473**	**F003479**	522		
700	**F003474**	**F003480**	622		
800	**F003475**	**F003481**	722		
900	**F003476**	**F003482**	822		
1000	**F003477**	×	922		
1200	**F003478**	×	1122		

Maximum size reduction: width = up to 42 mm, depth = up to 29 mm.

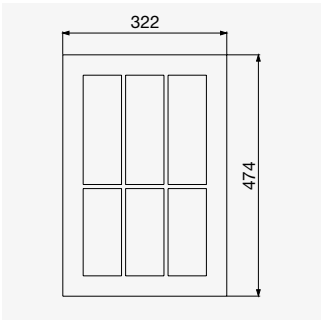
For cabinet 450 mm depth

Cabinet width [mm]	SoftTouch grey	Grained white	Product dimensions		
			Width [mm]	Depth [mm]	Height [mm]
600 / 522	**F003483**	**F003484**	522	424	50

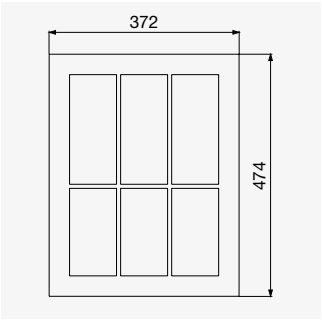
CONTENT



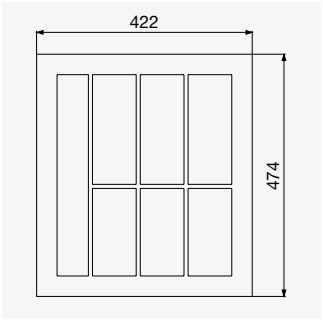
ⓘ 300 / 500



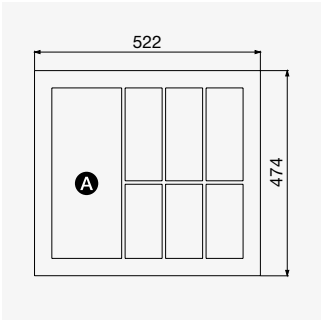
ⓘ 400 / 500



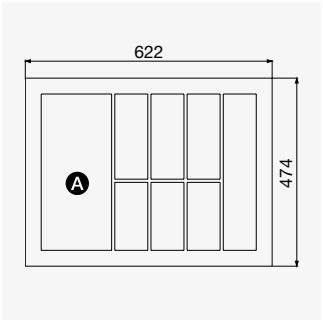
ⓘ 450 / 500



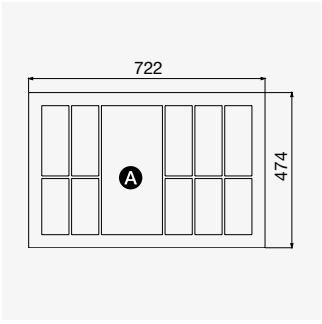
ⓘ 500 / 500



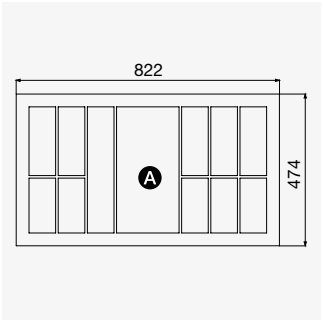
ⓘ 600 / 500



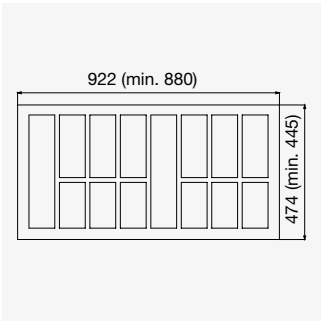
ⓘ 700 / 500



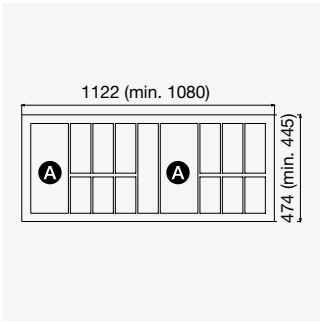
ⓘ 800 / 500



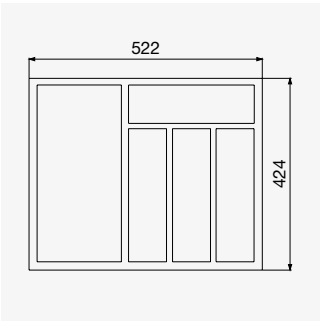
ⓘ 900 / 500



ⓘ 1000 / 500



ⓘ 1200 / 500



ⓘ 600 / 450

Riex GM70 Accessories



Ⓐ F003557



Ⓐ F003558

	Type	Code	Dimension [mm]	Insert for	Material
Ⓐ	Knife block	F003557	110 × 414	600, 700, 800, 900, 1200	Beech
Ⓐ	Spice insert	F003558	155 × 422		

Riex GM60 Cutlery Trays



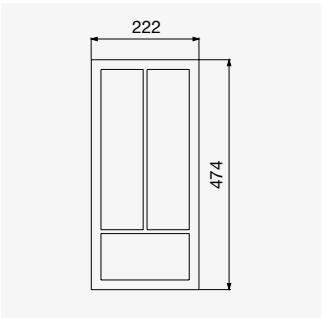


- Round shape
- Special surface design – Globe softTouch
- Height 48 mm
- For cabinet with 500 mm depth
- Easy to reduce size

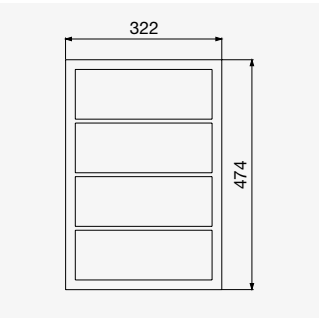
- For the compartments marked with the letter B or C it is possible to buy a wooden insert – B for knife holder or a wider spice rack, C for narrow spice rack

Cabinet width [mm]	Globe SoftTouch black	Product dimensions		
		Width [mm]	Depth [mm]	Height [mm]
300	**F003459**	222	474	48
400	**F003460**	322		
450	**F003461**	372		
500	**F003462**	422		
600	**F003463**	522		
700	**F003464**	622		
800	**F003465**	722		
900	**F003466**	822		

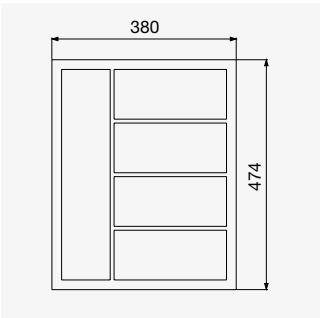
Maximum size reduction: width = up to 22 mm, depth = up to 24 mm.



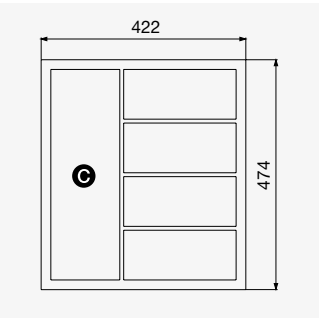
ⓘ 300 / 500



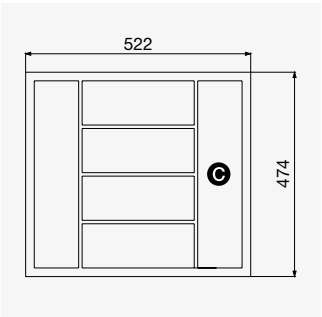
ⓘ 400 / 500



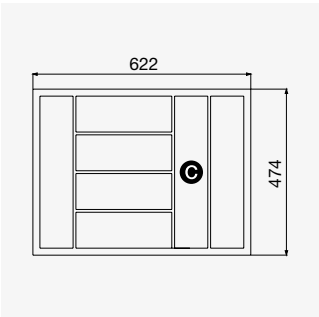
ⓘ 450 / 500



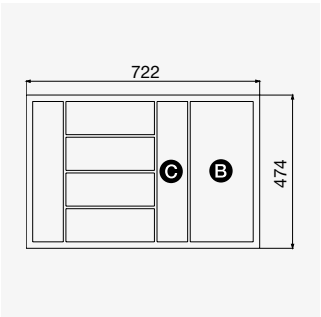
ⓘ 500 / 500



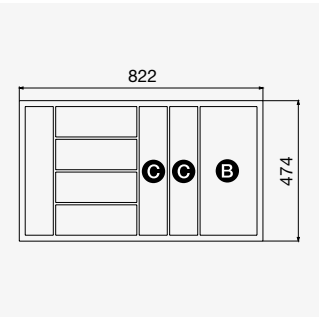
ⓘ 600 / 500



ⓘ 700 / 500



ⓘ 800 / 500



ⓘ 900 / 500

Riex GM60 Accessories



Ⓒ F003491



Ⓑ F003495



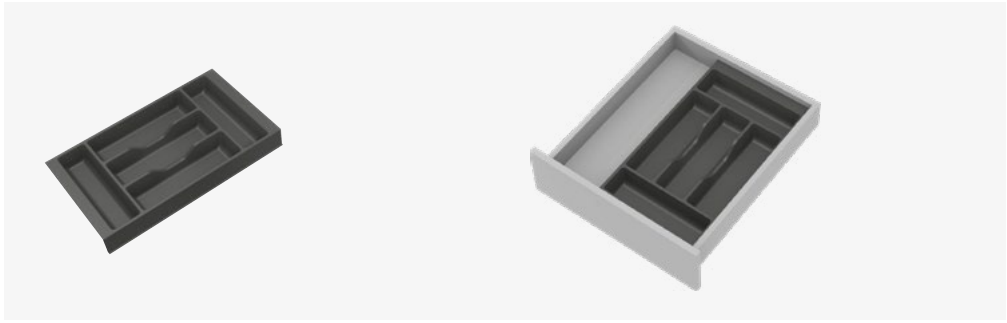
Ⓒ F003492

	Type	Code	Dimension [mm]	Insert for	Material
Ⓒ	Knife block	**F003491**	110 × 414	500, 600, 700, 800, 900	Beech
Ⓑ	Spice insert for 12 pcs	**F003495**	165 × 417	800, 900	
Ⓒ	Spice insert for 6 pcs	**F003492**	111 × 417	500, 600, 700, 800, 900	

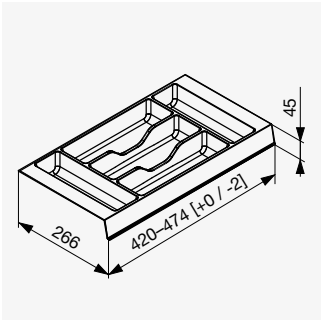
Riex GM22 Cutlery Trays in Anthracite



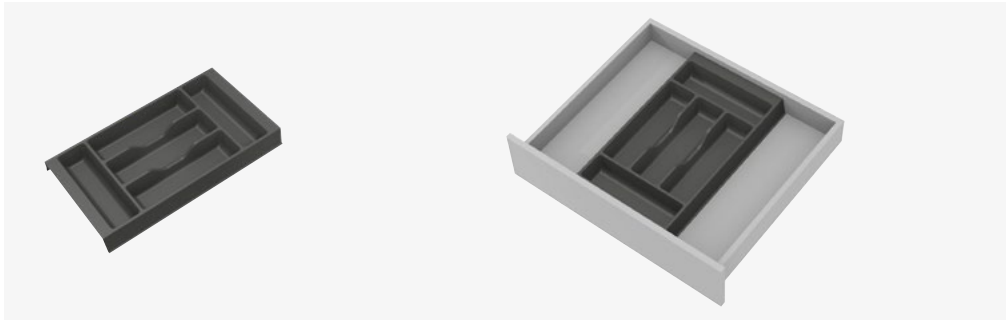
- Clever soluton of cutlery tray
- We recommend adding an anti-slip mat to the free area next to the cutlery trays
- The dimensions are independent of the width of the drawer
- Precut for length 474 mm – most used depth for 500 mm drawers
- Side versions are possible to fit to left or right side of drawer



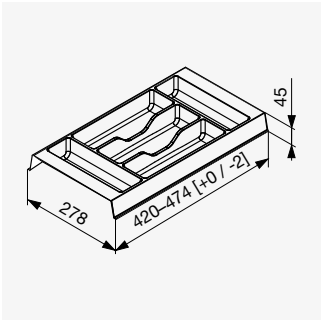
ⓘ **F007661** – can be placed on both the left and right side of the drawer



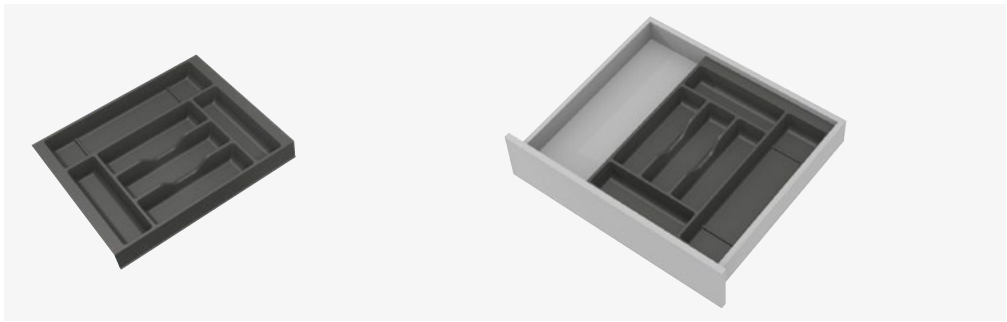
ⓘ **F007661**



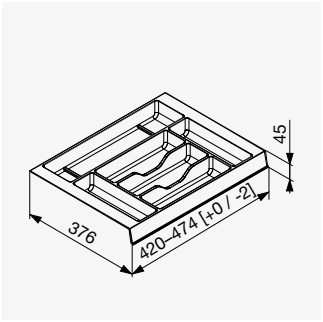
ⓘ **F007662** – can be placed in the center of the drawer



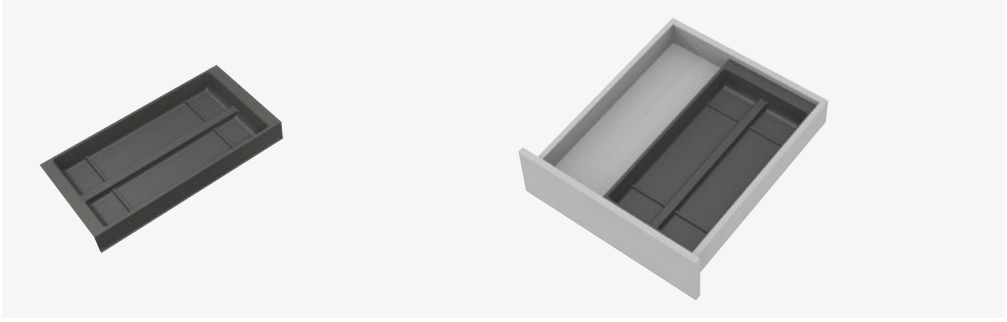
ⓘ **F007662**



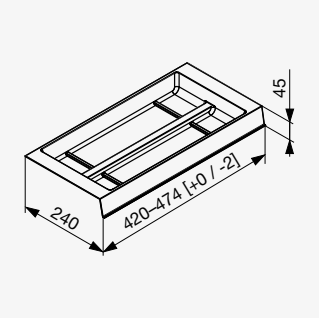
ⓘ **F007663** – can be placed on both the left and right side of the drawer



ⓘ **F007663**



ⓘ **F007664 – can be placed on both the left and right side of the drawer**



ⓘ **F007664**

Cultlary tray width [mm]	Possition	Code	Depth [mm]
266	Side [left or right]	**F007661**	420–474 [+0 / -2]
278	Central	**F007662**	
376	Side [left or right]	**F007663**	
240	Side [left or right]	**F007664**	

ⓘ **We recommend combining with an anti-slip mat e.g. F003490.**

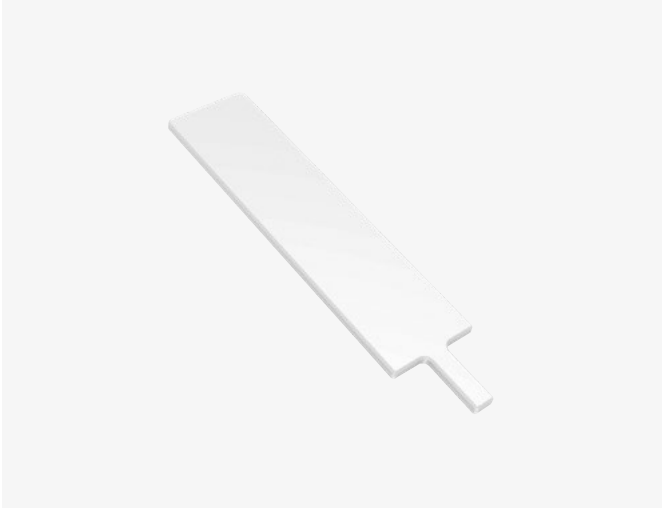
ⓘ **Example of application –** Possible to combine all cutlery trays to fit the ideal combination. For example **F007663 + F007662 + F007664.**



Riex GM22 Accessories for Cutlery Trays



ⓘ **F007665**



ⓘ **F007666**

Code	Type of sortiment	For product
F007665	Knife holder [wood]	**F007663 F007664**
F007666	Chopping board	**F007664**

Riex GM50 Cutlery Trays

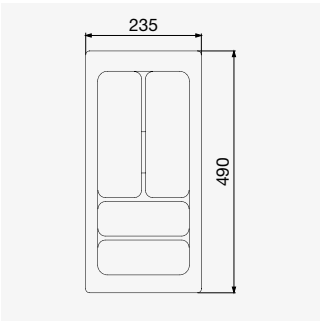




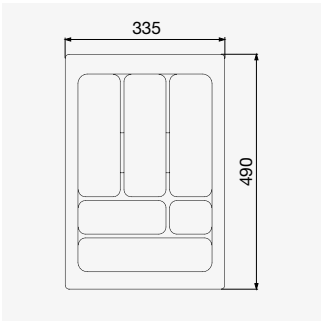

- Classic design
- Smooth surface
- For cabinet with 500 mm depth
- Easy to reduce size

Cabinet width [mm]	Silver	White	Product dimensions		
			Width [mm]	Depth [mm]	Height [mm]
300	**F003443**	**F003434**	235	490	50
400	**F003444**	**F003435**	335		
450	**F003445**	**F003436**	385		
500	**F003446**	**F003437**	435		
600	**F003447**	**F003438**	535		
700	**F003448**	**F003439**	635		
800	**F003449**	**F003440**	735		
900	**F003450**	**F003441**	835		

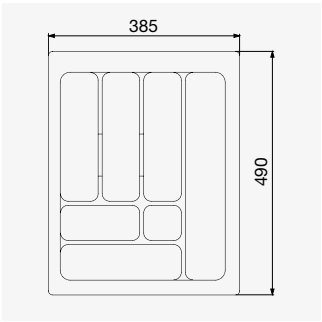
Maximum size reduction: width = up to 25 mm, depth = up to 40 mm.



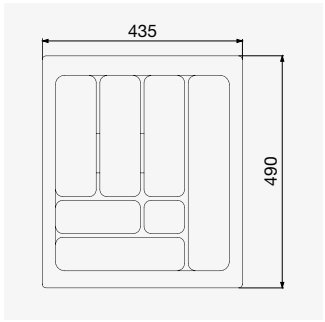
ⓘ 300 / 500



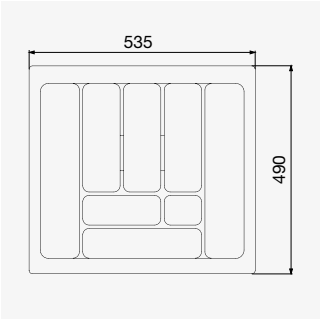
ⓘ 400 / 500



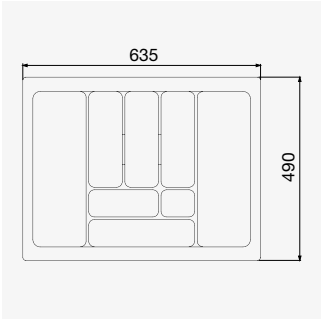
ⓘ 450 / 500



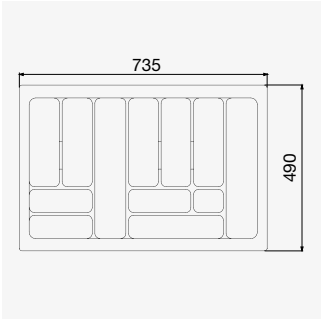
ⓘ 500 / 500



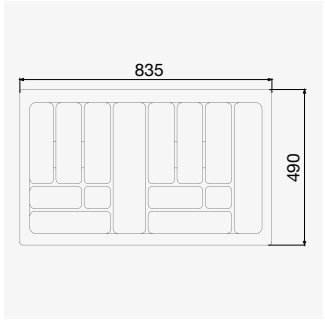
ⓘ 600 / 500



ⓘ 700 / 500



ⓘ 800 / 500



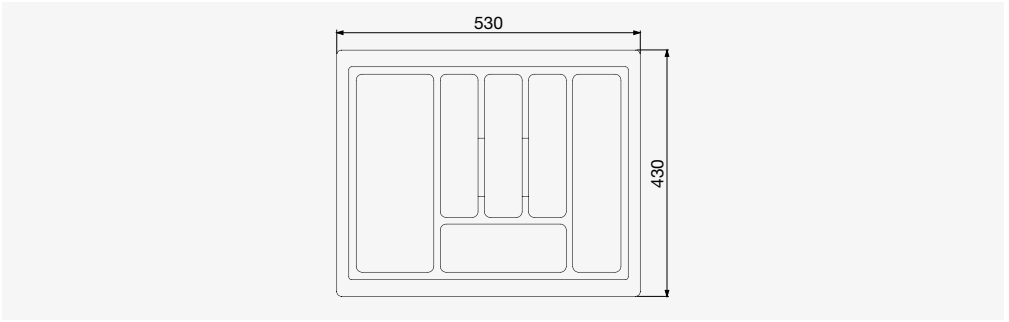
ⓘ 900 / 500

Riex GM45 Cutlery Trays [for Depth 450]





- Classic design
- Smooth surface
- For cabinet with 450 mm depth
- Easy to reduce size



Cabinet width [mm]	Silver	White	Product dimensions		
			Width [mm]	Depth [mm]	Height [mm]
600	**F003451**	**F003455**	530	430	50
900	**F003452**	**F003456**	830		

Maximum size reduction: width = up to 20 mm, depth = up to 20 mm.

Riex GM51 Drawer Insert for Plates





- Simple insert to 800 mm width drawer
- Easy to reduce size

Cabinet width [mm]	Silver	White	Product dimensions		
			Width [mm]	Depth [mm]	Height [mm]
800	**F003458**	**F003457**	735	490	50

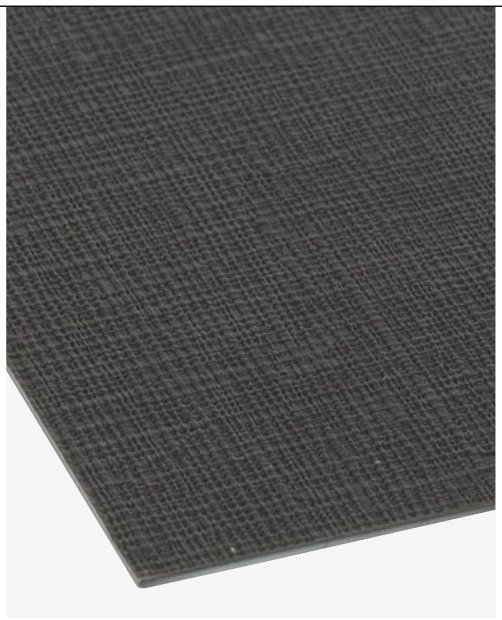
Antislip Mats

- Easy to insert to drawer
- Several colours and surfaces
- Easy to fit to particular dimension
- Possible to use also for shelves and kitchen storage systems

Riex GM80 Antislip Mat Hard Desk



ⓘ Globe black



ⓘ Canvas grey

- Cut to drawer dimensions
- Two surface designs
- Desk format with 1 mm thickness
- Not important to use glue
- Precut for use with slim double-wall drawers [RiexTrack]

Cabinet width [mm]	Globe black	Canvas grey	Product dimensions		
			Width [mm]	Depth [mm]	Thickness [mm]
600	F003467	F003485	522	474	1
700	F003468	F003486	622		
800	F003581	F003487	722		
900	F003560	F003488	822		

Riex GM82 Antislip Pad in Roll



● Anthracite

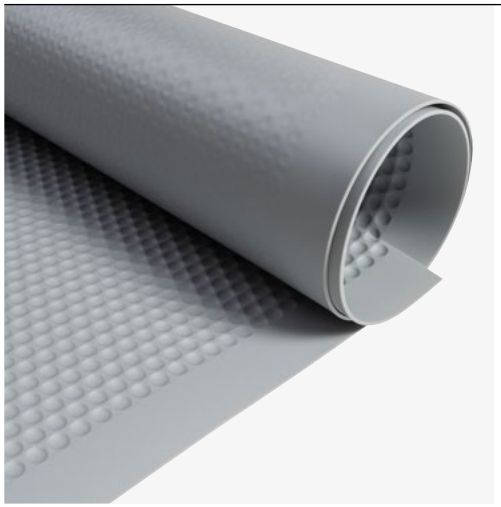


○ White

- Ideal for non standard cutting
- Thickness 1.2 mm
- Solid SoftGrip design

Width [mm]	Colour	Code	Length [m]	Thickness [mm]
600	Anthracite	F003490	10	1.2
	White	F003494		

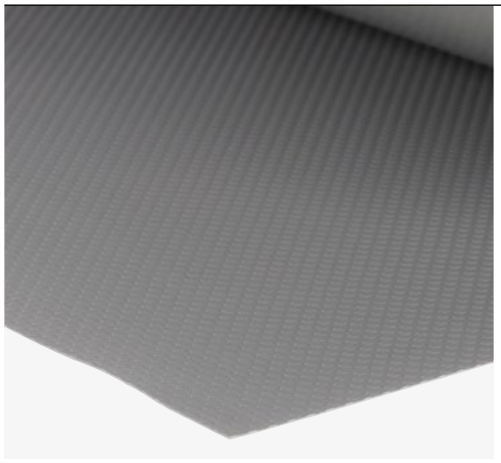
Riex GM85 Antislip Pad in Roll with Water Protection



● Silver

Width [mm]	Colour	Code	Length [mm]	Thickness [mm]
600	Silver	F003559	1200	1.2

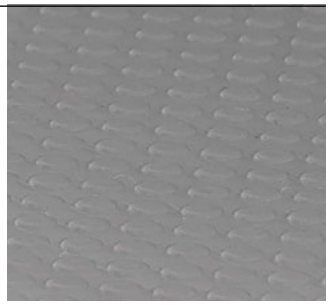
● IF Antislip Pad in Roll



● Light grey



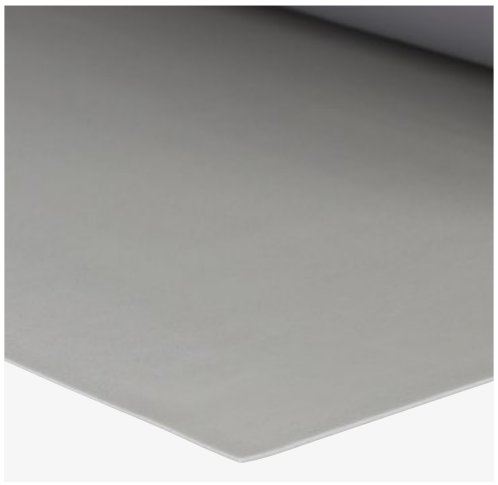
● Anthracite



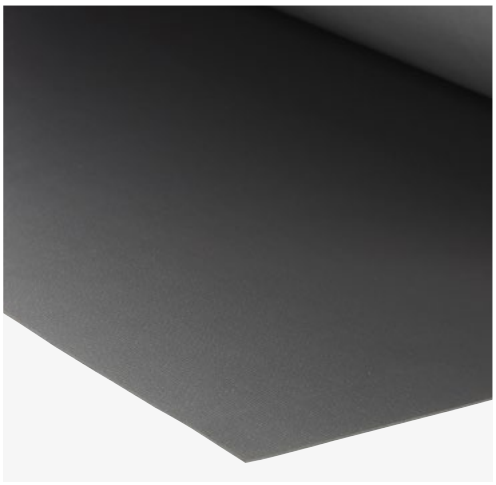
● Light grey – detail

Pimple surface

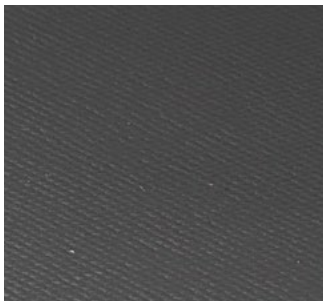
Width [mm]	Colour	Code	Length [m]	Thickness [mm]
480	Light grey	**F002736**	20	1.2
	Anthracite	**F002737**		



● Light grey



● Anthracite



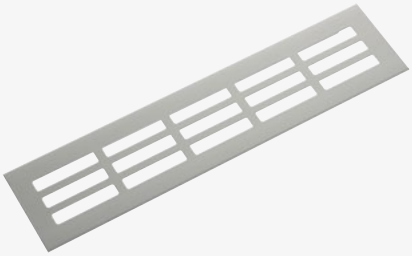
● Anthracite – detail

Wave pattern design

Width [mm]	Colour	Code	Length [m]	Thickness [mm]
480	Light grey	**F002738**	20	1.2
	Anthracite	**F002739**		

Ventilation Grids and Duct Vents

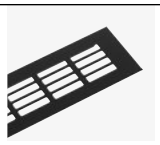
Riex GV44 Aluminium Ventilation Grid



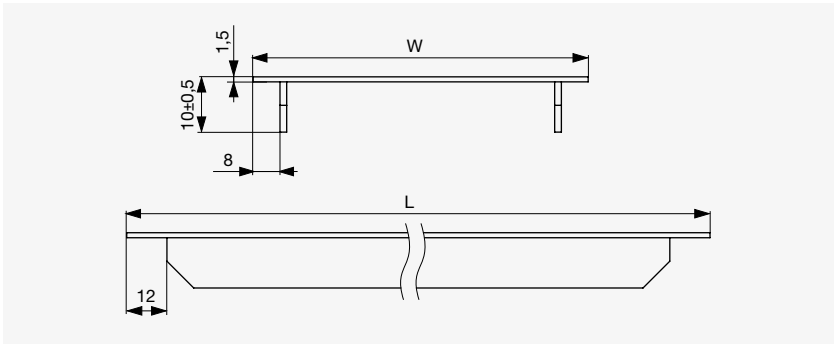


● Stainless steel imitation

○ White



● Matt black



● Anodised aluminium

Width W [mm]	Length L [mm]	Anodised aluminium	Stainless steel imitation	White	Matt black
60	250	F000951	F000974	F000997	F007363
	400	F000952	F000975	F000998	F007364
	500	F000953	F000976	F000999	F007365
	600	F000954	F000977	F001000	F007366
	800	F000955	F000978	F001001	F007367
	1000	F000956	F000979	F001002	F007368
80	250	F000957	F000980	F001003	F007369
	400	F000958	F000981	F001004	F007370
	500	F000959	F000982	F001005	F007371
	600	F000960	F000983	F001006	F007372
	800	F000961	F000984	F001007	F007373
	1000	F000962	F000985	F001008	F007374
100	250	F000963	F000986	F001009	F007375
	400	F000964	F000987	F001010	F007376
	500	F000965	F000988	F001011	F007377
	600	F000966	F000989	F001012	F007378
	800	F000967	F000990	F001013	F007379
	1000	F000968	F000991	F001014	F007380
150	400	F000969	F000992	F001015	F007381
	500	F000970	F000993	F001016	F007382
	600	F000971	F000994	F001017	F007383
	800	F000972	F000995	F001018	F007384
	1000	F000973	F000996	F001019	F007385

Riex GV23 Duct Vent, Diameter 35 mm



● Black



● Grey

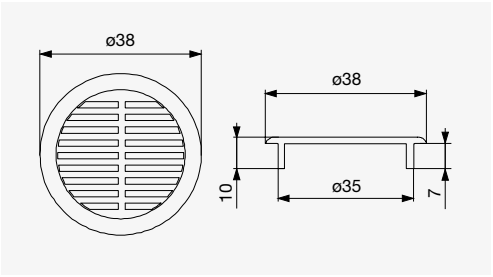


● Brown



● Beech

Colour	Code
White	**F001020**
Black	**F001021**
Grey	**F001022**
Brown	**F001023**
Beech	**F001024**



○ White

Riex GV25 Duct Vent, Diameter 50 mm



● Black



● Grey

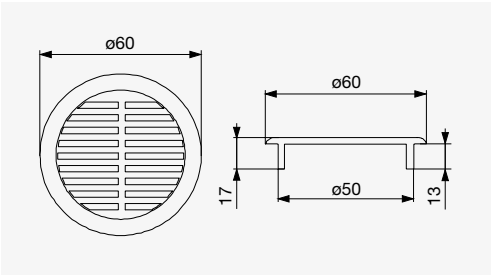


● Brown



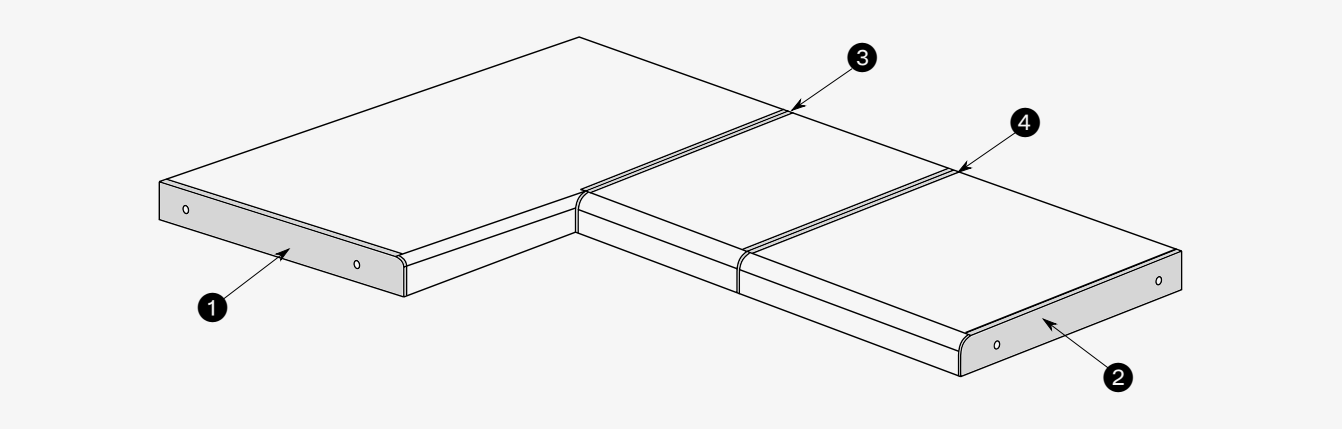
● Beech

Colour	Code
White	**F001025**
Black	**F001026**
Grey	**F001027**
Brown	**F001028**
Beech	**F001029**



○ White

Worktop Accessories



Riex GI37 Worktop Strip, Radius 3 mm, Anodised Aluminium



❶ F001201



❷ F001202



❸ F001203



❹ F001204

	Application	Side	Code	Height [mm]	Length [mm]
❶	End strip	Left	**F001201**	38	600
❷	End strip	Right	**F001202**		
❸	Corner connecting strip	Left / right	**F001203**		
❹	Extending connecting strip	Left / right	**F001204**		

Riex GI35 Worktop Strip, Radius 0 mm, Anodised Aluminium



❶ F001205



❷ F001206



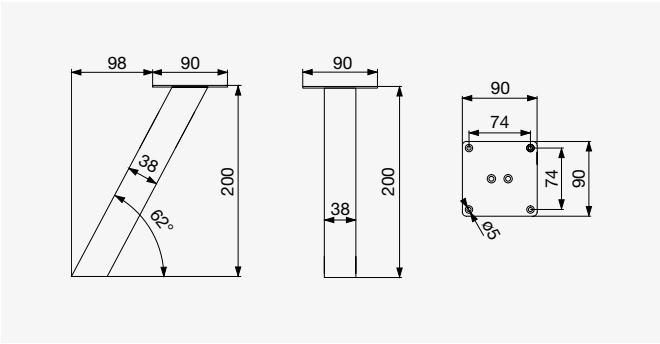
❸ F001207

	Application	Side	Code	Height [mm]	Length [mm]
❶	End strip	Left	**F001205**	38	600
❷	End strip	Right	**F001206**		
❸	Corner connecting strip	Left / right	**F001207**		

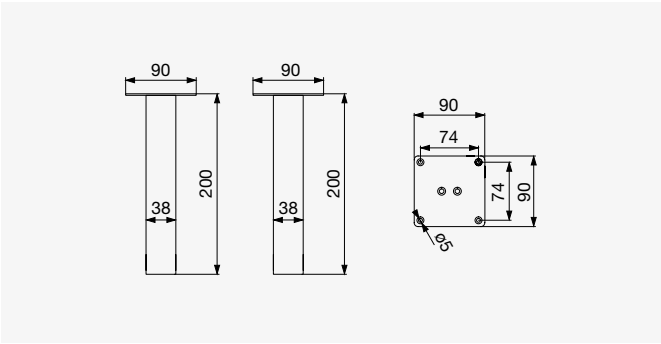
Riex GI22 Bar Console, Stainless Steel







ⓘ F001198



ⓘ F001199

Inclination	Code
Inclined	**F001198**
Upright	**F001199**

Riex Kitchen Sorters and Bins

Discover our Italian-produced kitchen sorters. Designed for efficient organization, these products combine functionality with elegant style. Choose from several colour options to enhance the appearance of your kitchen. Experience the excellence of Italian design today and elevate your home organization.

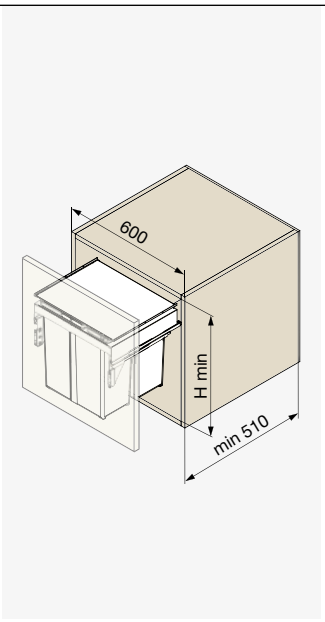
Groups where you can find our products:
- Pull-Out Sorters with Slide
- Pull-Out Sorters and Baskets
- Inserted Sorters into Drawers



Pull-Out Sorters with Slide

Riex GN88 Sorters with Slides, Anthracite





- Total volume up to 80 L
- 3 heights available: H529, H485 and H320 mm
- Full extension slides include soft closing
- Suitable for cabinets with sides thickness from 16 to 19 mm
- Metal lid ideal for placing sponges and gloves
- 29 l and 17 l containers can be completed with a lid with deodorant spray **F008356**

Package content:
- Bins with metal lid / shelf
- Frame
- Pair of slides
- Installation manual



ⓘ **F007623**



ⓘ **F007624**

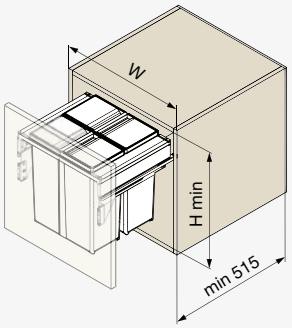


ⓘ **F007625**

Cabinet width [mm]	Volume of bins [L]	Code	Installation height – H min [mm]
600	2 × 29 + 2 × 8	**F007623**	485
	2 × 17 + 2 × 8	**F007624**	320
	2 × 40	**F007625**	529

Riex GN87 Sorters with Slides, Anthracite





- Available for bases 300, 400, 450, 500, 600 mm
- Total volume up to 80 L
- Bins equipped with lids
- Full extension slides include soft closing
- 3 heights available: H506, H463 and H304 mm
- Suitable for cabinets with sides thickness from 16 to 19 mm
- Metal frame with plastic sides. Metal middle brackets
- 29 l and 17 l containers can be completed with a lid with deodorant spray **F008356**

Package content:
- Bins with lids
- Frame
- Pair of slides
- Installation manual



ⓘ **F007626 [300]**



ⓘ **F007628 [450]**



ⓘ **F007627 [400]**



ⓘ **F007629 [500]**

Cabinet width – W [mm]	Volume of bins [L]	Code	Installation height – H min [mm]
300	1 × 40	**F007626**	511
400	2 × 29	**F007627**	468
450	2 × 29	**F007628**	
500	2 × 40	**F007629**	511



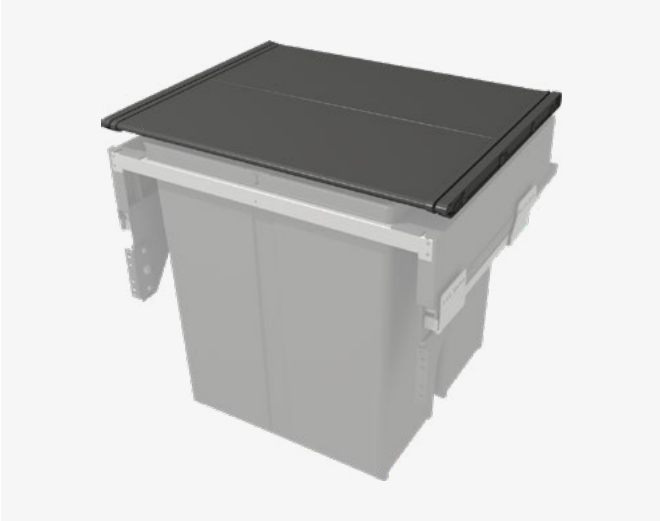
ⓘ **F007631 [600]**

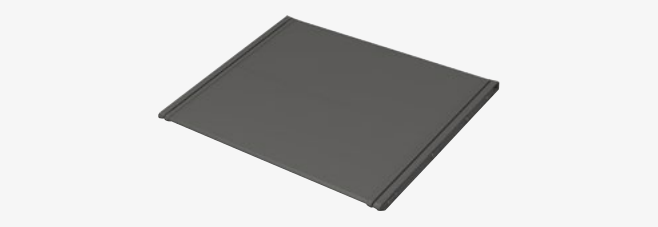


ⓘ **F007632 [600]**

Cabinet width – W [mm]	Volume of bins [L]	Code	Installation height – H min [mm]
600	2 × 29 + 2 × 8	**F007630**	463
	2 × 17 + 2 × 8	**F007631**	304
	2 × 40	**F007632**	506

Riex Fixed Lids / Shelves for GN87, Anthracite





ⓘ **Plastic version**

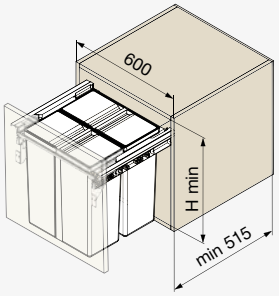


ⓘ **Metal version**

Cabinet width [mm]	Material	Code
300	Plastic	**F008276**
	Metal	**F008281**
400	Plastic	**F008275**
	Metal	**F008280**
450	Plastic	**F008274**
	Metal	**F008279**
500	Plastic	**F008273**
	Metal	**F008278**
600	Plastic	**F008272**
	Metal	**F008277**

Riex GN86 Sorters to Hang on Double Wall Slides, Anthracite





- Sorter for standard [non slim] double-wall drawers
- Universal solution for different kinds of drawers
- 29 l and 17 l containers can be completed with a lid with deodorant spray **F008356**

Package content:
- Bins with lids
- Frame
- Installation manual
- Double-wall slides are not included

ⓘ **To assemble the complete sorter, use double wall slides with length 500 mm and height ±86 mm e.g.: ND30 – F004591.**



ⓘ **F007633**



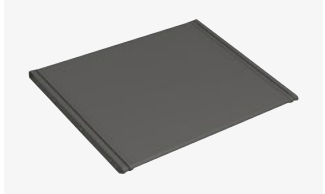
ⓘ **F007634**



ⓘ **F007635**

Cabinet width [mm]	Volume of bins [L]	Code	Installation height – H min [mm]
600	2 × 29 + 2 × 8	**F007633**	468
	2 × 17 + 2 × 8	**F007634**	303
	2 × 40	**F007635**	511

Riex Fixed Lids / Shelves for GN86, Anthracite



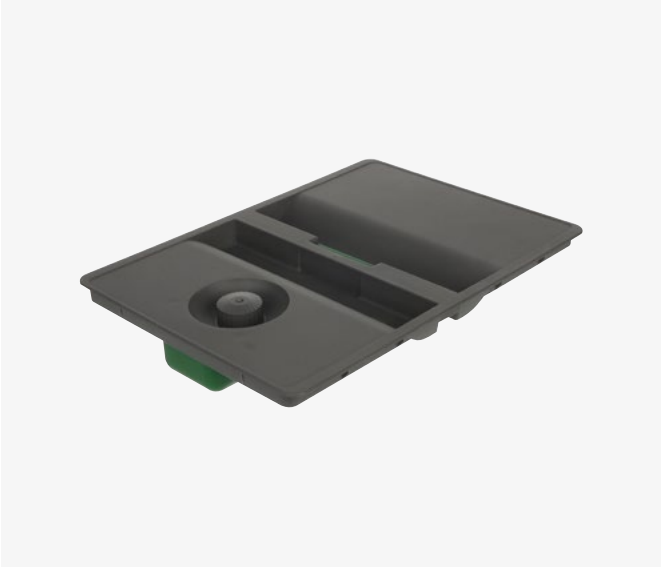
ⓘ **F008272**



ⓘ **F008277**

Cabinet width [mm]	Material	Code
600	Plastic	**F008272**
	Metal	**F008277**

Riex GN87 / GN86 Lid with Spray for Bins 17 L or 29 L, Anthracite



- Waste bin lid equipped with deodorant container with sprayer
- The tight-fitting lid, which prevents odours from escaping from the bin, also allows the contents of the bin to be sprayed with an odour neutraliser
- Can be used on all 17 and 29 litre containers

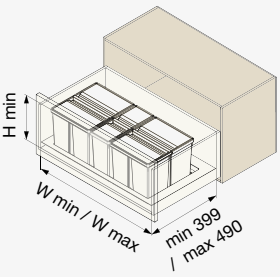




For Bins [L]	Colour	Code
17 & 29	Anthracite	**F008356**

Riex GN09 Sorters to Insert to Drawer, Anthracite





- The tray with bins is simply placed at the bottom of the kitchen drawer
- Big volume of bin up to 26L
- Ideal solution for under the sink drawer

Package of bins contains:
- Bins with lids

Package of base contains:
- Bottom base

ⓘ The base is sold separately



ⓘ **F007654 + F007655**



ⓘ **F007656 + F007657**



ⓘ **F007658 + F007660**

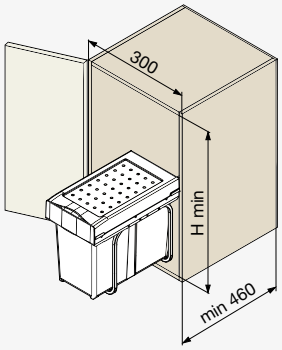


ⓘ **F007659 + F007660**

Cabinet width [mm]	Volume of bins [L]	Code bins		Code base	Installation height H min [mm]	Base width W min / W max [mm]
900	2 × 26 + 1 × 11	**F007654**		**F007655**		730 / 840
700 / 800	1 × 26 + 2 × 11	**F007656**		**F007657**	280	580 / 740
600	1 × 26 + 1 × 11	**F007658**	+	**F007660**		429 / 540
600	1 × 26 + 1 × 11	**F007659**			212	

Riex GN52 Sorters with Slides, Bottom Installation, Anthracite





- Basic model for installation on cabinet bottom
- Non automatic pull out
- Easy for installation
- Assembled and ready for installation

Package content:
- Bins
- Frame with lid and slides
- Installation manual



ⓘ **F007640**



ⓘ **F007641**

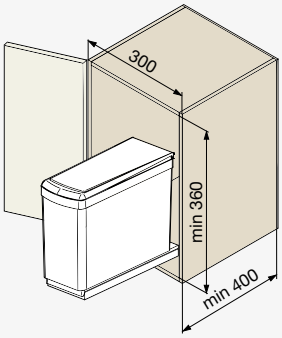


ⓘ **F007642**

Cabinet width from [mm]	Volume of bins [L]	Code	Installation height – H min [mm]
300	1 × 40	**F007640**	542
	1 × 30	**F007641**	408
	3 × 10	**F007642**	408

Riex GN58 Sorters with Bottom Pull-Out System





- Basic model for installation on bottom
- Pulls out by hand
- Various colours

Package content:
- Bins with lid
- Frame with bottom system od slides
- Installation manual



ⓘ **F007643**



ⓘ **F007646**



ⓘ **F007644**



ⓘ **F007647**

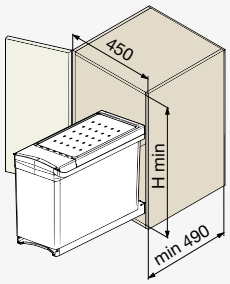


ⓘ **F007645**

Cabinet width from [mm]	Volume of bins [L]	Colour	Code	Installation height [mm]
300	2 × 7.5	White	**F007643**	360
		Light grey	**F007644**	
	1 × 16	White	**F007645**	
		Light grey	**F007646**	
		Grey + stainless steel	**F007647**	

Riex GN50 Sorters with Automatic Pull-Out System, Quartz Grey





- Simple but clever solution with automatic pull out
- 2 heights and capacities

Package content:
- Bins
- Frame lid and bottom system od slides
- Installation manual

Cabinet width from [mm]	Volume of bins [L]	Code	Installation height – H min [mm]
450	2 × 21	**F007648**	438
	2 × 16	**F007649**	377

Riex GN37 Sorters



- Simple round model of waste bin with automatic opening lid
- Stainless steel or plastic case

Package content:
- Bin
- Frame for installation
- Installation manual



ⓘ **F007650**



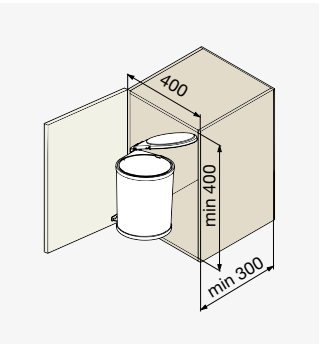
ⓘ **F007652**



ⓘ **F007651**



ⓘ **F007653**

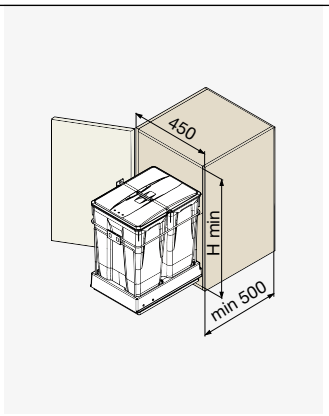


Cabinet width from [mm]	Volume of bins [L]	Colour	Code	Installation height
400	13	Grey + stainless steel	**F007650**	400
		Black + stainless steel	**F007651**	
		White	**F007652**	
		Grey	**F007653**	

Pull-Out Sorters and baskets

Riex GN57 Sorters with Bottom Slides, Grey





- Simple but solid solution with bottom slides
- Front door brackets are available as an option
- Multi use container can be hanged on kitchen cabinet door – under worktop

Package content:
- Bins with lids
- Frame with bottom fixed slides
- Installation manual



ⓘ **F007636**



ⓘ **F007637**

Cabinet width from [mm]	Volume of bins [L]	Code	Installation height – H min [mm]
450	2 × 35	**F007636**	600
	2 × 30	**F007637**	518

Riex GN57 Sorter Multiuse Container, Grey



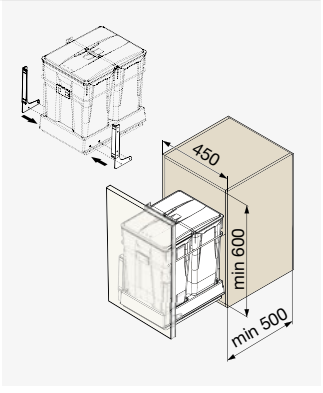


ⓘ **F007639**

Code	Type of accesories
F007639	Multi use container 5 L grey with green lid

Riex GN57 Sorter Front Door Brackets





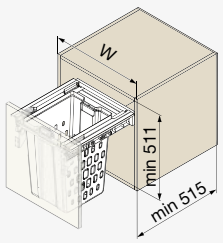
ⓘ **F007638**

Code	Type of accesories
F007638	Door fix brackets

Laundry and Bathroom Equipments

Riex GN76 Laundry Bins for Hang on Double Wall Slides, White





- Universal solution for different drawer brands
- All in white

Package content:
- Bins
- Frame for installation in double wall slides
- Installation manual
- For the single basket version, make sure that there is no countertop over the basket preventing it from being pulled out

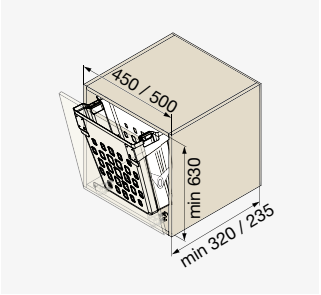
ⓘ For the complete set, use the double-wall slides in 500 mm length and height + / - 86 mm. e.g.: ND30 – **F004585**



Cabinet width – W [mm]	Volume of bins [L]	Code	Installation height [mm]
600	2 × 40	**F007679**	511
500	1 × 50	**F007680**	
450	1 × 50	**F007681**	
400	1 × 40	**F007682**	

Riex GN77 Tilt-Out Laundry Bins, White





- All accessories available
- Hinges and opening mechanism to be provided by customer

Package content:
- Bins with metal frame

The door must be attached to 2 hinges and opening mechanism.
- Recommended full overlay hinges – e.g. **F000001** or **F000058**
- Recommended opening mechanism **F008075**



Cabinet width from [mm]	Volume of bins [L]	Code	Installation height [mm]
450	1 × 50	**F007683**	630
500	1 × 40	**F007684**	

Riex GM04 and GM05 Undersink Inserts



- Enclosure to protect the bottom cutout at the under sink drawer
- Available in two depths and equipped with lateral / frontal trays
- All models are available in anthracite and white colour



ⓘ **F007707**



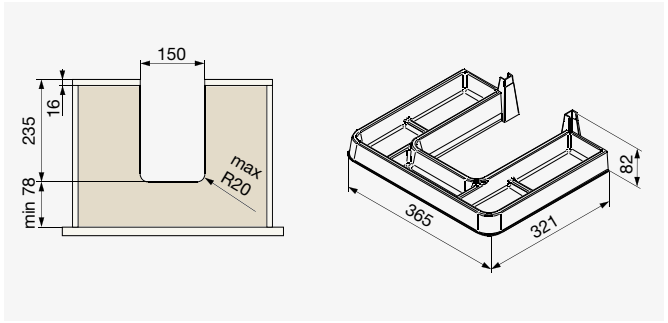
ⓘ **F007674**



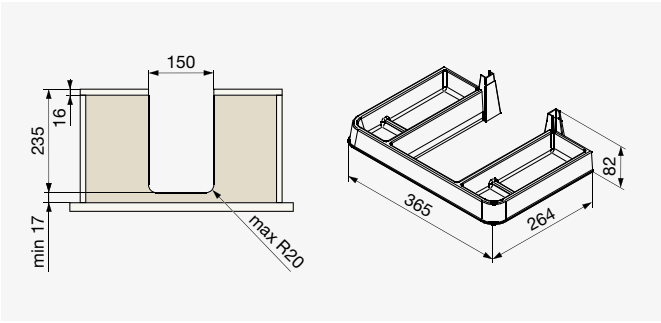
ⓘ **F007677**



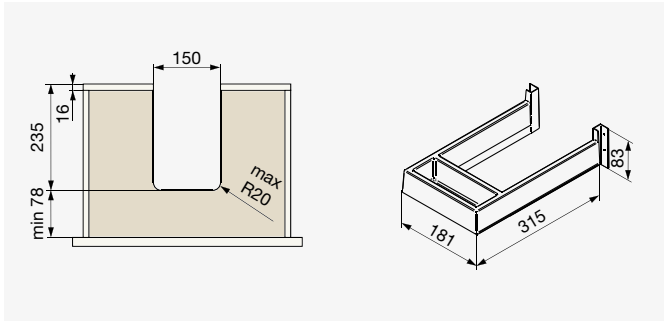
ⓘ **F007678**



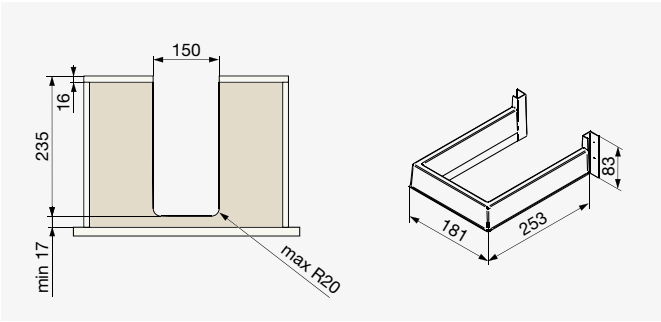
ⓘ **GM04 [L] – F007673, F007707**



ⓘ **GM04 [S] – F007674, F007708**



ⓘ **GM05 [L] – F007675, F007677**



ⓘ **GM05 [S] – F007676, F007678**

Model	Cabinet width from [mm]	Min drawer depth [mm]	Colour	Code
GM04	500	350 [L]	White	F007673
			Anthracite	F007707
		270 [S]	White	F007674
			Anthracite	F007708
GM05	300	350 [L]	White	F007675
			Anthracite	F007677
		270 [S]	White	F007676
			Anthracite	F007678

Kitchen Storage Systems

Discover our range of fittings for food cabinets, several corner cabinet variants and other features for smaller and larger spaces from Kesseböhmer and Riex. Kitchen storage systems form one of the most comprehensive chapters of furniture fittings, as it includes equipment for all types of kitchen cabinets. Here you will find fittings for larder units for food storage cabinets, pull-out and revolving shelves for bottom cabinets and mechanisms for space utilization in corner cabinets. For upper kitchen cabinets we offer a stainless-steel rack for draining dishes.



● **Larder Units** **10.3**
Kesseböhmer CONVOY Lavido 10.4
Kesseböhmer CONVOY Premio 10.6
Kesseböhmer TANDEM II 10.9
Kesseböhmer TANDEM side 10.11
Kesseböhmer DISPENSA 10.13
Riex GX53 / GX58 10.17

● **Corner Cabinets** **10.19**
Kesseböhmer LeMans II 10.20
Kesseböhmer MagicCorner 10.22
Kesseböhmer Revo 90° 10.24
Kesseböhmer Carousel 270° 10.25
Riex GP68 Corner Pull-Out Baskets 10.26
Riex GP58 Corner Pull-Out Baskets 10.27
Riex GP63 Corner Pull-Out Baskets 10.28
Riex GP28 Carousel 10.29
Riex GP13 Carousel 10.30

● **Base Cabinets** **10.31**
Kesseböhmer No. 15 10.32
Kesseböhmer COMFORT II 10.34
Kesseböhmer DISPENSA junior III 10.36
Kesseböhmer DISPENSA junior slim 10.39
Kesseböhmer cleaningAGENT 10.42
Riex Side Baskets without Frame 10.43
Riex Side Baskets with Frame 10.45
Riex Bottom Baskets 10.46

● **Top Cabinets and Organizers** **10.47**
Kesseböhmer iMove 10.48
Riex Dish Drainers 10.49
Kesseböhmer SpaceFlexx 10.50

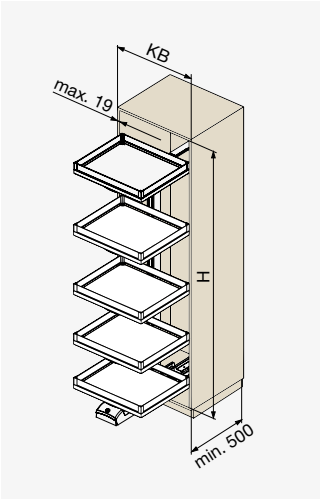
CONTENT

Larder Units



Kesseböhmer CONVOY Lavido





- Larder unit without door attached

For assembly is necessary to order:
- Frame
- Slide
- Baskets with accessories

Optional accessories:
- eTouch for electric opening and closing

● CONVOY Lavido Frame



● Anthracite



● Silver

Cabinet height H [mm]	Anthracite	Silver	Height [mm]	Cabinet depth [mm]
1800–1899	F005171	F005170	1430	
1900–1999	F005173	F005172	1530	min. 500
2000–2099	F005175	F005174	1630	

● CONVOY Lavido Slide



- Full extension slide with integrated damping for closing and opening
- Load capacity 130 kg

Anthracite	Grey
F005204	F005205

● CONVOY Lavido
Set of Baskets with Accessories



ⓘ **F005207**



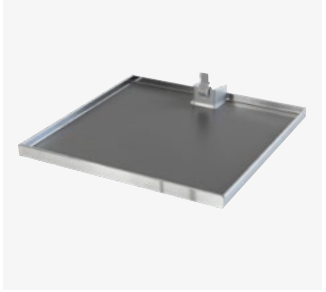
ⓘ **F005206**

Package content:
- 1 tray with integrated top runner
- 4 trays, height adjustable
- 5 accessory boxes
- 1 reinforcing bracket
- 1 fixing brace
- 1 handle

Cabinet width KB [mm]	Anthracite	White / chrome	Number of baskets	Width [mm]	Depth [mm]
500	**F005207**	**F005206**	5	450	470
600	**F005209**	**F005208**	5	550	

● CONVOY Lavido
Replacement Baskets





- Replacement basket package contains all basket accessories including glass sidewalls

Cabinet width [mm]	Anthracite	White / chrome
500	**F005211**	**F005210**
600	**F005213**	**F005212**

Packed by 1 basket.

● CONVOY Lavido
eTouch Electric Opening / Closing

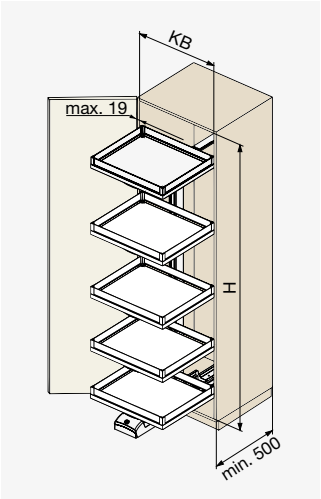


- Optional accessories
- The electric motor ejects the larder unit at the push of a button on the handle
- Full opening and full closing
- The set contains motor with EU-DIN plug and handle

Door opening	Grey
Full	**F005214**

Kesseböhmer CONVOY Premio





- Larder unit with door attached

For assembly is necessary to order:
- Frame
- Slide
- Baskets with accessories

Optional accessories:
- eTouch for electric opening and closing

● CONVOY Premio Frame



● Anthracite



● Silver

Cabinet height H [mm]	Anthracite	Silver	Height [mm]	Cabinet depth [mm]
1800–1899	F005171	F005170	1430	min. 500
1900–1999	F005173	F005172	1530	
2000–2099	F005175	F005174	1630	

● CONVOY Premio Slide



- Full extension slide with integrated damping for closing and opening
- Load capacity 130 kg

Anthracite	Grey
F005215	F005216

● CONVOY Premio
Set of Baskets with Accessories



ⓘ **F005218**



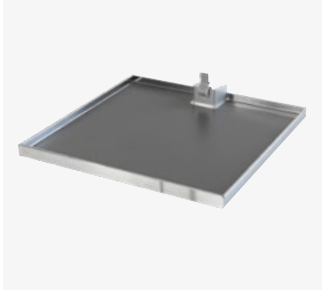
ⓘ **F005217**

Package content:
- 1 tray with integrated top runner and control lever
- 4 trays, height-adjustable
- 5 accessory boxes
- 1 support bracket
- 1 fixing brace
- 2 front panel connectors
- 1 control lever bottom

Cabinet width KB [mm]	Door catch	Anthracite	White / chrome	Number of baskets	Width [mm]	Depth [mm]
600	Right	**F005218**	**F005217**	5	550	470
	Left	**F005220**	**F005219**			

● CONVOY Premio
Replacement Baskets





- Replacement basket package contains all basket accessories including glass sidewalls

Cabinet width [mm]	Anthracite	White / chrome
600	**F005222**	**F005221**

Packed by 1 basket.

● CONVOY Premio
eTouch Electric Opening / Closing



ⓘ **F005342**



ⓘ **F005176**

- Optional accessories
- The electric motor ejects the larder unit at the push of the door
- Partial opening means the door is opened by 44 mm
- The set contains motor with EU-DIN plug, front sensor and adapter for front sensor assembly

Door opening	Grey
Full	**F005342**
Partial	**F005176**

● CONVOY Premio
Accessories



ⓘ **F005177**



ⓘ **F005178**

- Used for handleless opening of the door

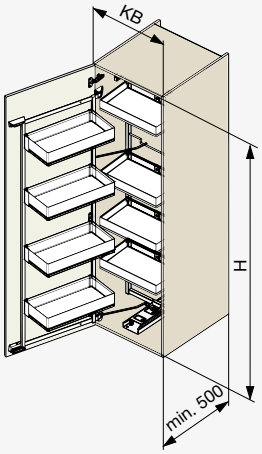
Type	Specification	Grey
Push-to-open for drilling	22–34 N	**F005177**
Push-to-open adapter	For external installation	**F005178**



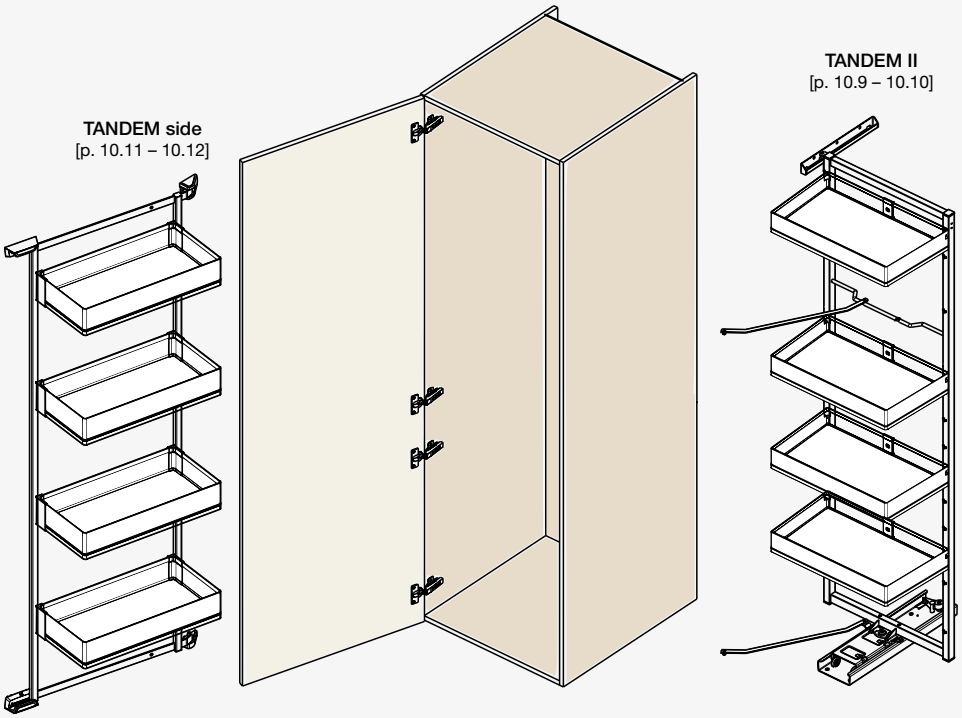


Kesseböhmer TANDEM II





- Usable only in combination with TANDEM side
- Totally modular system
- All the trays are fully height adjustable
- Load capacity 10 kg per basket



● TANDEM II
Pull-Out Shelf Set

Cabinet height H [mm]	Cabinet width KB [mm]	ARENA pure anthracite / anthracite frame	ARENA style anthracite / anthracite frame	ARENA style white / chrome / silver frame	ARENA classic white / chrome / silver frame	Number of baskets
800	600	**F005273**	**F005276**	**F005279**	**F005282**	3
1100	450	**F005265**	**F005267**	**F005269**	**F005271**	4
	600	**F005274**	**F005277**	**F005280**	**F005283**	
1700	450	**F005266**	**F005268**	**F005270**	**F005272**	5
	600	**F005275**	**F005278**	**F005281**	**F005284**	

Package content: Frame and accessories, set of baskets.

● TANDEM II
Replacement Basket



● ARENA pure anthracite



● ARENA style anthracite



○ ARENA style white / chrome



○ ARENA classic white / chrome

Cabinet width KB [mm]	ARENA pure anthracite	ARENA style anthracite	ARENA style white / chrome	ARENA classic white / chrome
450	**F005285**	**F005286**	**F005287**	**F005288**
600	**F005289**	**F005290**	**F005291**	**F005292**

Packed by 1 basket.

● TANDEM II
Accessories



ⓘ **F005179**



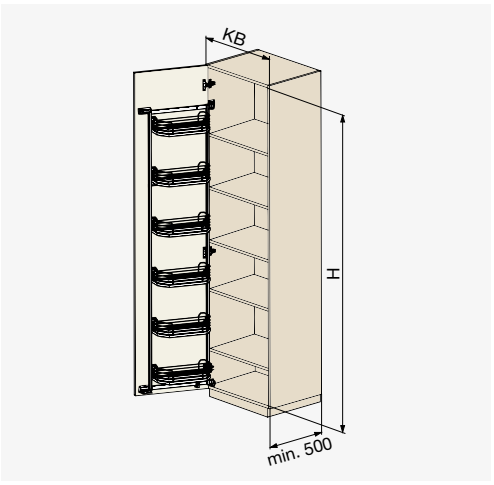
ⓘ **F005178**

- Used for handleless opening of the door

Type	Specification	Grey
Push-to-open for drilling	26–48 N	**F005179**
Push-to-open adapter	For external installation	**F005178**

Kesseböhmer TANDEM side





- Can be also used separately without TANDEM II
- Can be upgraded by Youboxx sets
- When used separately, the internal shelves must be reduced:
  - with classic baskets by 175 mm
  - with Youboxx sets by 135 mm
- Load capacity 25 kg overall

● TANDEM side
Door Shelf Set

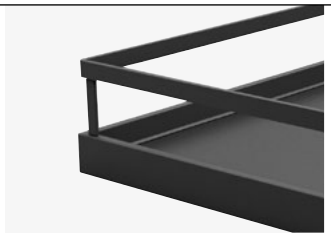
Cabinet height H [mm]	Cabinet width KB [mm]	ARENA pure anthracite / anthracite frame	ARENA style anthracite / anthracite frame	ARENA style white / chrome / silver frame	ARENA classic white / chrome / silver frame	Number of baskets
600	450	F005225	F005229	F005233	F005237	2
	600	F005241	F005245	F005249	F005253	
800	450	F005226	F005230	F005234	F005238	3
	600	F005242	F005246	F005250	F005254	
1100	450	F005227	F005231	F005235	F005239	4
	600	F005243	F005247	F005251	F005255	
1700	450	F005228	F005232	F005236	F005240	5
	600	F005244	F005248	F005252	F005256	

Package content: Frame and accessories, set of baskets.

● TANDEM side
Replacement Basket



● ARENA pure anthracite



● ARENA style anthracite



○ ARENA style white / chrome

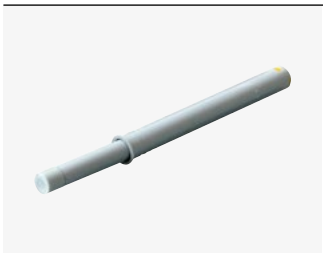


○ ARENA classic white / chrome

Cabinet width KB [mm]	ARENA pure anthracite	ARENA style anthracite	ARENA style white / chrome	ARENA classic white / chrome
450	F005257	F005258	F005259	F005260
600	F005261	F005262	F005263	F005264

Packed by 1 basket.

● TANDEM side Accessories



ⓘ **F005293**



ⓘ **F005178**

- Used for handleless opening of the door

Type	Specification	Grey
Push-to-open for drilling	17–23 N	**F005293**
Push-to-open adapter	For external installation	**F005178**

● TANDEM II and TANDEM side Youboxx



● Set 1 Anthracite – **F005296**



● Set 4 Anthracite – **F005297**



● Set 13 Anthracite – **F005298**



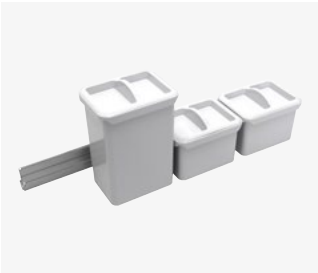
○ Set 13 White – **F005294**



● Set 7 Anthracite – **F005299**



● Set 12 Anthracite – **F005300**



○ Set 12 White – **F005295**

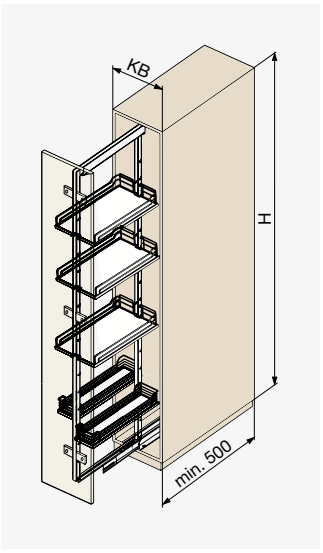


Cabinet width [mm]	Type	Anthracite	White
450	Set 1	**F005296**	×
	Set 4	**F005297**	×
	Set 13	**F005298**	**F005294**
600	Set 7	**F005299**	×
	Set 12	**F005300**	**F005295**

Set 1 1× box 2.1 L + 1× box divider + 1× support rail
Set 4 2× box 1.0 L + 2× box lid + 1× support rail
Set 7 1× box 2.1 L + 1× box 1.0 L + 1× box lid + 1× box divider + 1× support rail
Set 12 1× box 2.0 L + 2× box 1.9 L + 3× box lid + 1× support rail
Set 13 2× box 2.0 L + 2× box lid + 1× support rail

Kesseböhmer DISPENSA





- Load capacity 100 kg

For assembly is necessary to order:
- Frame
- Slide
- Front panel brackets
- Any number of baskets

- The rest of items are optional accessories
- 1 DISPENSA basket can be replaced by 2 COMFORT II baskets
- Can be upgraded by Youboxx sets

● DISPENSA
Frame



● Anthracite



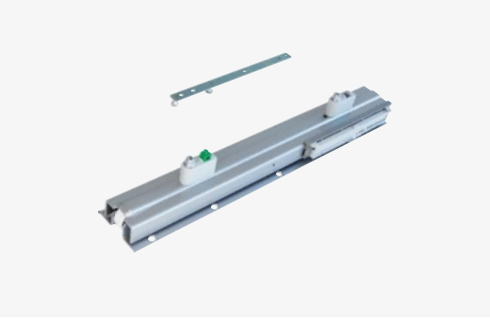
● Silver

Cabinet height H [mm]	Anthracite	Silver	Cabinet depth [mm]
900–1300	F005302	F005301	
1200–1600	F005304	F005303	
1600–2000	F005306	F005305	min. 500
1800–2200	F005308	F005307	
1900–2300	F005310	F005309	

● DISPENSA
Slide



ⓘ **F005314**



ⓘ **F005316**

Extension	Damping type	Anthracite	Silver	Cabinet width KB [mm]
Full	In / Out	**F005315**	**F005314**	min. 200
Single	In	**F005317**	**F005316**	min. 150

● DISPENSA
Slide Accessories



- Optional accessories
- Additional opening damper for single extension slide only

Type	Code
Additional damper for opening [for items **F005316**, **F005317**]	**F005491**

● DISPENSA
eTouch Electric Opening / Closing



ⓘ **F005342**



ⓘ **F005176**

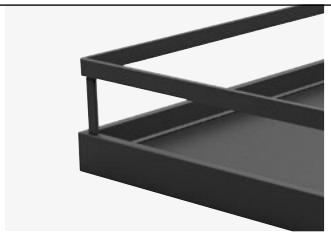
- Optional accessories
- The electric motor ejects the larder unit at the push of the door
- Suitable for cabinet widths from 300 mm
- Partial opening means the door is opened by 44 mm
- The set contains motor with EU-DIN plug, front sensor and adapter for front sensor assembly

Door opening	Grey
Full	**F005342**
Partial	**F005176**

● DISPENSA
Basket



● ARENA pure anthracite



● ARENA style anthracite



○ ARENA style white / chrome

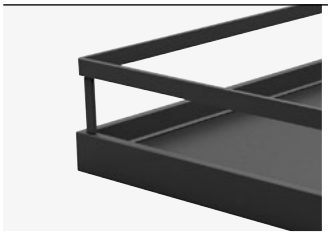


○ ARENA classic white / chrome

Cabinet width KB [mm]	ARENA pure anthracite	ARENA style anthracite	ARENA style white / chrome	ARENA classic white / chrome	Width [mm]
150	F005180	F005184	F005191	F005311	100
200	×	F005185	F005192	F005312	150
250	×	×	×	F005313	200
300	F005181	F005186	F005193	F005198	250
400	F005182	F005187	F005194	F005199	350
450	F005183	F005188	F005195	F005200	400
500	×	F005189	F005196	F005201	450
600	×	F005190	F005197	F005202	550

Packed by 1 basket.

● COMFORT II
Narrow Side Basket for DISPENSA



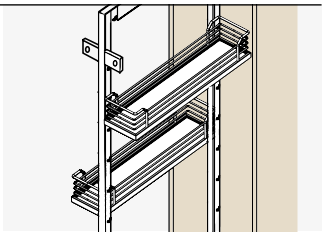
● ARENA style anthracite



○ ARENA style white / chrome



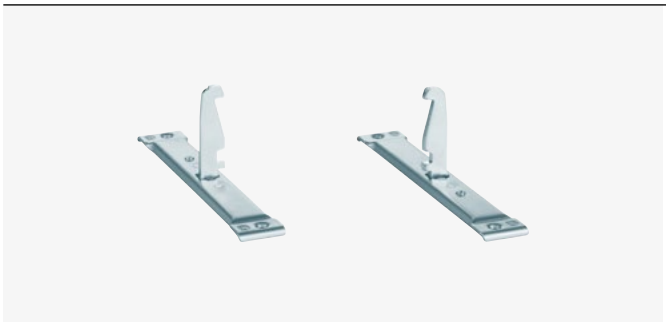
● ARENA classic white / chrome



Cabinet width KB [mm]	ARENA pure anthracite	ARENA style anthracite	ARENA style white / chrome	ARENA classic white / chrome	Width of 2 baskets [mm]
300	×	F005365	F005369	F005373	2 × 110
400	×	F005366	F005370	F005374	2 × 160
500	×	F005367	F005371	F005375	2 × 210

2 COMFORT II Baskets substitute 1 DISPENSA Basket. Packed by 1 basket.

● DISPENSA
Set of Front Panel Brackets



Cabinet width [mm]	Anthracite	Silver
150	F005323	F005322
200	F005325	F005324
300	F005327	F005326
400	F005329	F005328
450	F005331	F005330
500	F005333	F005332
600	F005335	F005334

Set of 2 brackets.

● DISPENSA
Front Panel Connecting Strap



- Optional accessories
- Use 2 connecting straps to connect front panel assembled from 2 or more pieces

Width [mm]	Anthracite	Silver
110	**F005337**	**F005336**
230	**F005339**	**F005338**

Packed by 1 piece.

● DISPENSA
Front Stabilizer



- Optional accessories
- Install in any position
- Used to stabilise the central part of the high front panel

Anthracite	Silver
F005341	**F005340**

Packed by 1 piece.

● DISPENSA
Youboxx



● Set 1 Anthracite – **F005344**



● Set 3 Anthracite – **F005346**



○ Set 1 White – **F005343**



○ Set 3 White – **F005345**

Type	Anthracite	White
Set 1	**F005344**	**F005343**
Set 3	**F005346**	**F005345**

The sets contain:
Set 1 2× box 1.0 L + 1× box 2.1 + 2× box 2.0 L + 1× knife holder + 2× box lid + 2× support rail
Set 3 2× box 1.0 L + 2× box 2.1 L + 1× box divider + 2× box lid + 2× support rail

● DISPENSA
Spice Rack

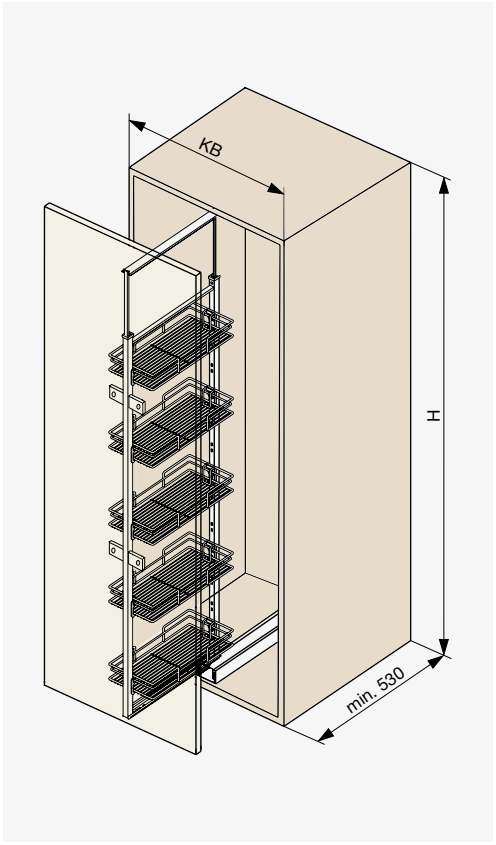


- Hang instead of any basket on the frame from both sides

Anthracite	Width [mm]	Depth [mm]	Height [mm]
F005347	465	85	33.5

Riex GX53 / GX58 Larder Unit





- Load capacity 90 kg
- Soft-close mechanism
- The baskets and the brackets are packed by 1 piece

For assembly is necessary to order:
- Frame with slides
- Front panel brackets
- Any number of baskets

Riex GX53 / GX58 Frame with Slides



● Dark grey



○ White

Cabinet height H [mm]	Dark grey	White	Recommended number of baskets	Cabinet depth [mm]
1250–1400	**F001858**	**F001852**	4	min. 530
1400–1550	**F001859**	**F001853**	5	
1550–1700	**F001860**	**F001854**		
1700–1850	**F001861**	**F001855**	6	
1850–2000	**F001862**	**F001856**		
2000–2150	**F001863**	**F001857**	7	

Riex GX53 / GX58
Door Bracket



● Dark grey



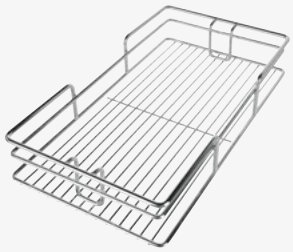
○ White

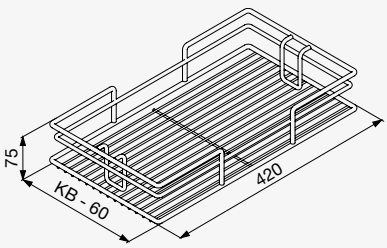
- Minimum 2 door brackets must be ordered
- We recommend using 3 door brackets from height 1700 mm

Cabinet width KB [mm]	Dark grey	White
300	**F004874**	**F004875**
400	**F004876**	**F004877**
450	**F004878**	**F004879**

Packed by 1 bracket.

Riex GX53
Wire Basket





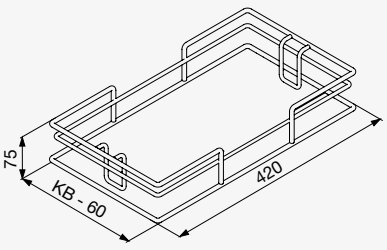
Cabinet width KB [mm]	Chrome	Width [mm]	Depth [mm]	Height [mm]
300	**F001864**	240	420	75
400	**F001865**	340		
450	**F001866**	390		

Packed by 1 basket.

Riex GX58
Full Bottom Basket







Cabinet width KB [mm]	Dark grey	White	Width [mm]	Depth [mm]	Height [mm]
300	**F001867**	**F001870**	240	420	75
400	**F001868**	**F001871**	340		
450	**F001869**	**F001872**	390		

Packed by 1 basket.

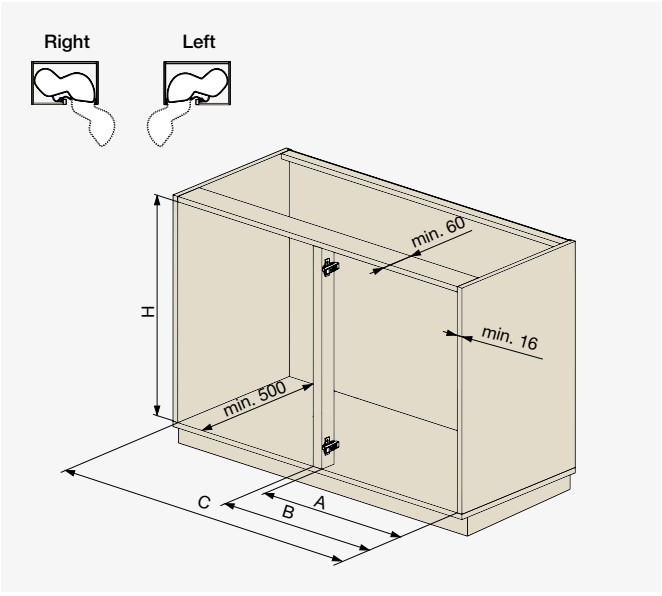
CONTENT

Corner Cabinets



Kesseböhmer LeMans II

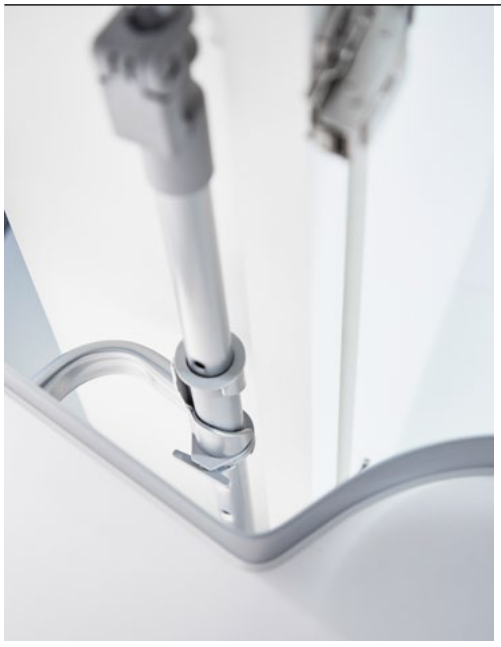




- Load capacity 25 kg per basket
- Door opening angle of just 85° allows trays to swing completely out
- Height adjustable trays
- ClickFixx system for fast, errorfree, toolless assembly
- Damped self-closing [optional]
- 70 % more storage area than a base unit with pull-out drawers next to the blind corner

For assembly is necessary to order:
- Axle with accessories
- Set of baskets
- Set of dampers [optional]

● LeMans II
Axle with Accessories



ⓘ Axle



ⓘ Cabinet side profile

Package content:
- 1 height adjustable axle
- 1 cabinet side profile
- 1 top connector
- 1 axle bearing bottom

Cabinet height H [mm]	Anthracite	White
600–750	**F005416**	**F005415**
720–900	**F005418**	**F005417**
1250	**F005420**	**F005419**

● LeMans II
Set of Baskets



● ARENA pure anthracite



● ARENA style anthracite



○ ARENA style white / chrome



○ ARENA classic white / chrome

Cabinet width B [mm]	Side	ARENA pure anthracite	ARENA style anthracite	ARENA style white / chrome	ARENA classic white / chrome	Cabinet width C [mm]	Dimension A [mm]	Cabinet depth [mm]
400	Right	F005492	F005494	F005496	F005407	min. 764	361–368	min. 500
	Left	F005493	F005495	F005497	F005408			
450	Right	F005389	F005395	F005401	F005409	min. 800	411–418	
	Left	F005390	F005396	F005402	F005410			
500	Right	F005391	F005397	F005403	F005411	min. 910	461–468	
	Left	F005392	F005398	F005404	F005412			
600	Right	F005393	F005399	F005405	F005413	min. 960	561–568	
	Left	F005394	F005400	F005406	F005414			

Set of 2 baskets.

● LeMans II
Set of SoftSTOPPplus Dampers



● Anthracite



○ White

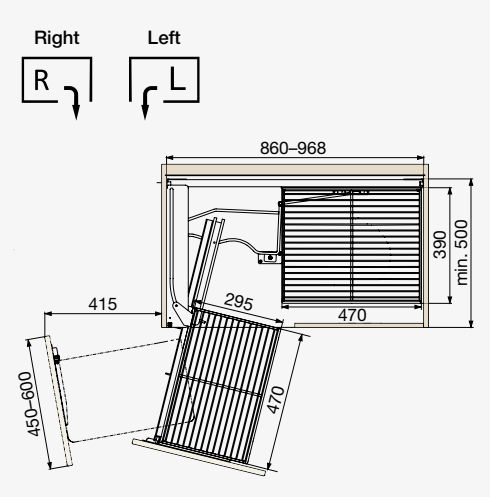
- Optional accessories
- Used for soft-closing during inserting the baskets

Side	Anthracite	White
Right	F005424	F005423
Left	F005422	F005421

Set of 2 dampers.

Kesseböhmer MagicCorner





- Soft-close mechanism for closing
- For 900 mm and 1000 mm corner cabinets

Load capacity:
- Inner baskets – 18 kg overall
- Outer baskets – 14 kg overall

For assembly is necessary to order:
- Frame with mechanism
- Set of baskets

● MagicCorner
Frame with Mechanism



● Silver

Side	Anthracite	Silver	Cabinet width [mm]	Cabinet depth [mm]	Cabinet height [mm]	Door width [mm]
Right	**F005425**	**F005427**	860–968	min. 500	min. 525	450–600
Left	**F005426**	**F005428**				

● MagicCorner Set of Baskets



● ARENA style anthracite



○ ARENA style white / chrome



○ ARENA classic white / chrome

ARENA style anthracite	ARENA style white / chrome	ARENA classic white / chrome
F005429	F005430	F005431

Set of 4 baskets.

● MagicCorner Accessories



ⓘ F005179



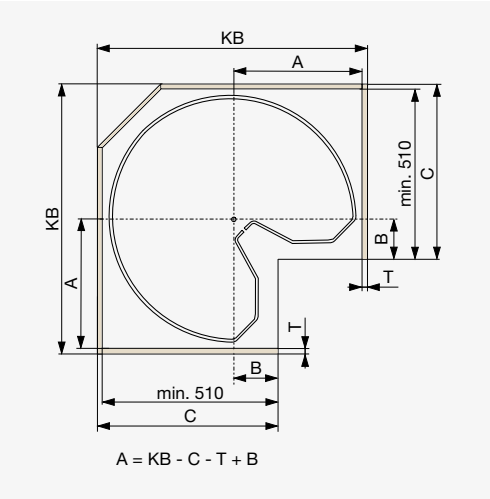
ⓘ F005178

- Used for handleless opening of the door

Type	Specification	Anthracite	Grey
Push-to-open for drilling	26–48 N	F005432	F005179
Push-to-open adapter	For external installation	F005433	F005178

Kesseböhmer Revo 90°





- The doors rotate with the carousel
- The doors fold gently away, the carousel rotates smoothly and the doors close automatically

For assembly is necessary to order:
- Set of baskets
- Rotating mechanism with accessories

● Revo 90°
Set of Baskets



● ARENA pure anthracite



● ARENA style anthracite



○ ARENA style white / chrome

Cabinet width KB [mm]	ARENA pure anthracite	ARENA style anthracite	ARENA style white / chrome	Dimension B [mm]	Dimension C [mm]	Dimension T [mm]
800	F005443	F005444	F005445	140.5	545–560	16–19
900	F005203	F005441	F005442	90.5		

Set of 2 baskets.

● Revo 90°
Rotating Mechanism with Accessories



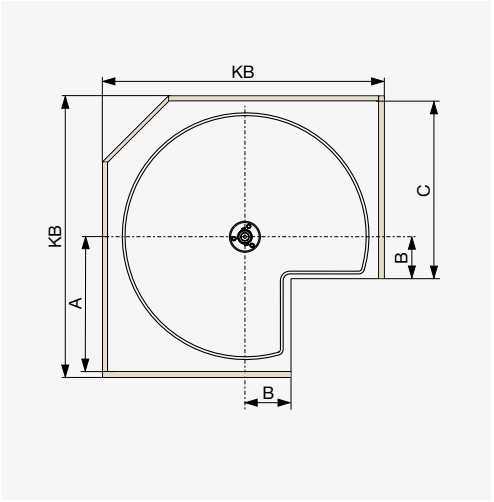
○ Silver

Package content:
- 4 front panel brackets
- 1 cam disc
- 1 rotating tray bearing
- 1 top panel bracket

Cabinet height [mm]	Anthracite	Silver
660-860	F005446	F005447

Kesseböhmer Carousel 270°





- Rotating baskets axle-mounted

For assembly is necessary to order:
- Set of baskets
- Axle

● Carousel 270° Set of Baskets



● ARENA pure anthracite



● ARENA style anthracite



○ ARENA style white / chrome

Cabinet width KB [mm]	ARENA pure anthracite	ARENA style anthracite	ARENA style white / chrome	Dimension A [mm]	Dimension B [mm]	Dimension C [mm]
800	**F005436**	**F005437**	**F005438**	min. 360	min. 120	min. 480
900	**F005458**	**F005434**	**F005435**	min. 420	min. 90	min. 510

Set of 2 baskets.

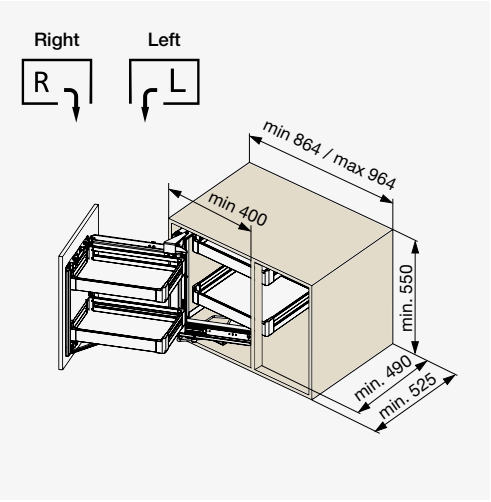
● Carousel 270° Axle



Height [mm]	Chrome
655–745	**F005439**
742–832	**F005440**

Riex GP68
Corner Pull-Out Baskets





- Soft-close mechanism with door attached
- Dark grey full bottom baskets
- Dark grey frame

Load capacity:
- Inner baskets – 16 kg overall
- Outer baskets – 10 kg overall

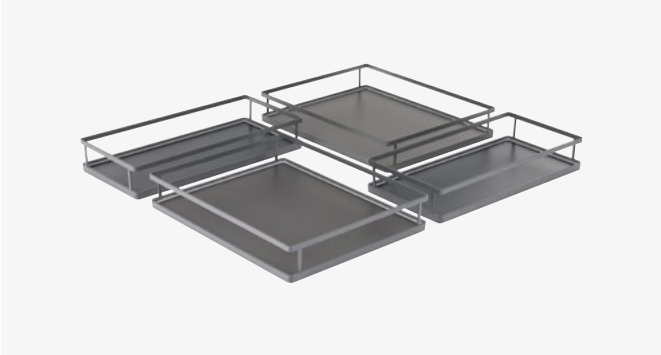
For assembly is necessary to order:
- Corner mechanism
- Set of baskets

Riex GP68
Corner Mechanism



Side	Dark grey	Cabinet depth [mm]	Cabinet height [mm]	Cabinet width [mm]
Right	**F001818**	min. 525	min. 580	864–964
Left	**F001817**			

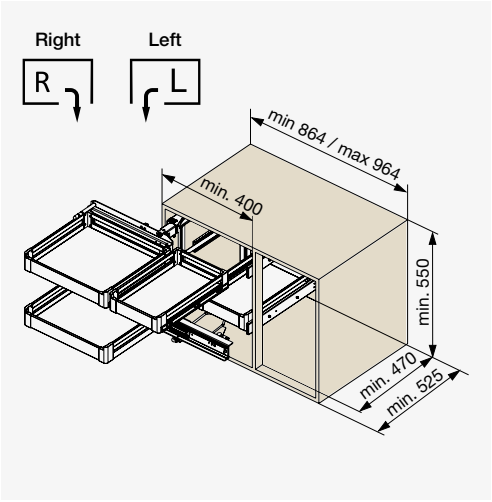
Riex GP68
Set of Baskets



Number of baskets	Dark grey
4	**F001820**

Riex GP58
Corner Pull-Out Baskets





- Soft-close mechanism without door attached
- Dark grey full bottom baskets
- Dark grey frame

Load capacity:
- Inner baskets – 16 kg overall
- Outer baskets – 10 kg overall

For assembly is necessary to order:
- Corner mechanism
- Set of baskets

Riex GP58
Corner Mechanism



Side	Dark grey	Cabinet depth [mm]	Cabinet height [mm]	Cabinet width [mm]
Right	**F014902**	min. 525	min. 550	864–964
Left	**F014901**			

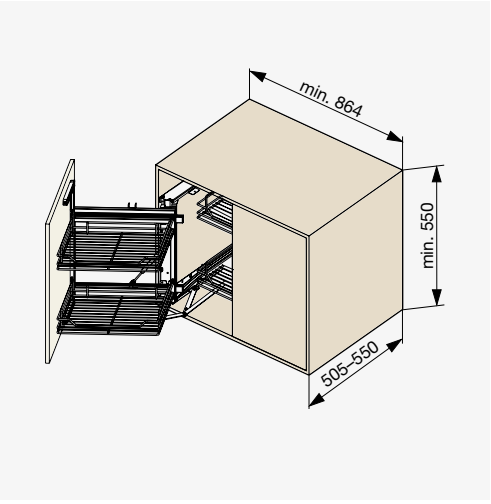
Riex GP58
Set of Baskets



Number of baskets	Dark grey
4	**F014903**

Riex GP63
Corner Pull-Out Baskets

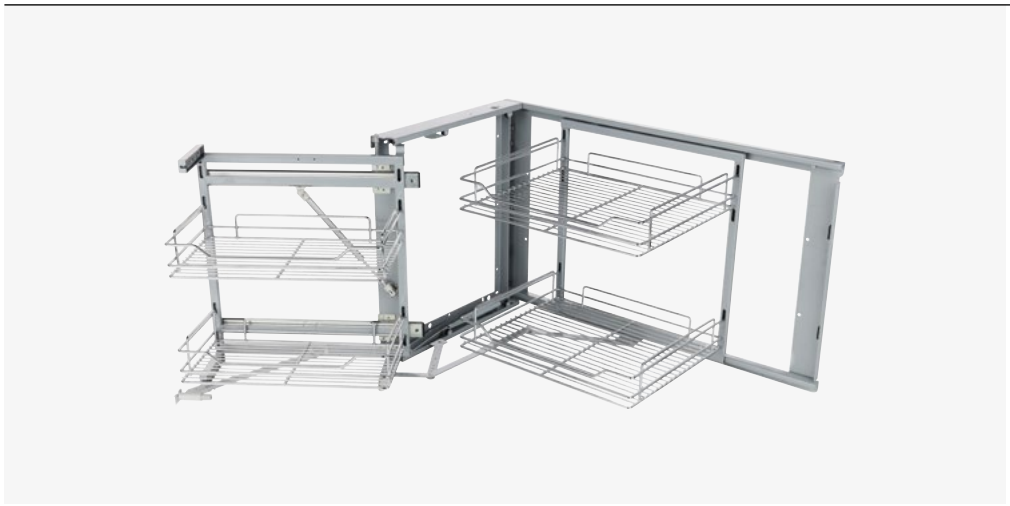




- Soft-close mechanism with door attached
- Chrome wire baskets
- Light grey frame
- The corner mechanism and the set of baskets are packed together

Load capacity:
- Inner baskets – 10 kg overall
- Outer baskets – 10 kg overall

Riex GP63
Set

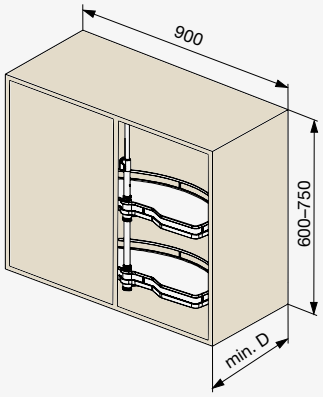


Side	Chrome	Cabinet depth [mm]	Cabinet height [mm]	Cabinet width [mm]
Right / Left	**F001832**	505–550	min. 550	min. 864

Riex GP28 Carousel

Riex GP28 180° Set



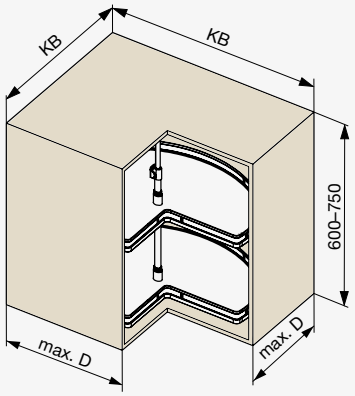


- Dark grey full bottom baskets
- The axle and the set of baskets are packed together
- Load capacity 15 kg per basket

Cabinet width [mm]	Dark grey	Cabinet depth D [mm]	Cabinet height [mm]
900	**F001212**	min. 500	600–750

Riex GP28 270° Set





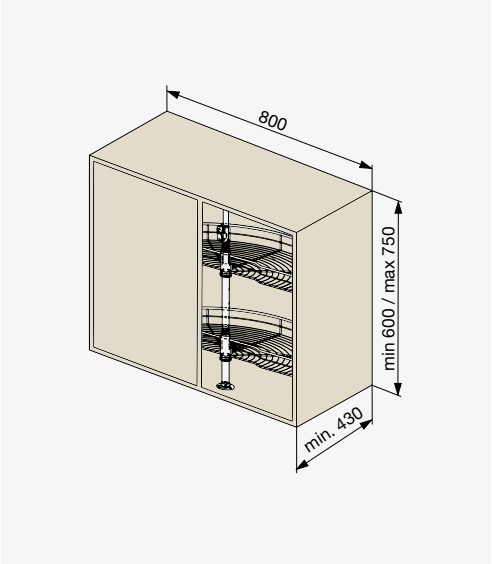
- Dark grey full bottom baskets
- The axle and the set of baskets are packed together
- Load capacity 15 kg per basket

Cabinet width KB [mm]	Dark grey	D [mm]	Cabinet height [mm]
800	**F001213**	max. 490	600–750
900	**F001214**	max. 540	

Riex GP13 Carousel

Riex GP13 180° Set



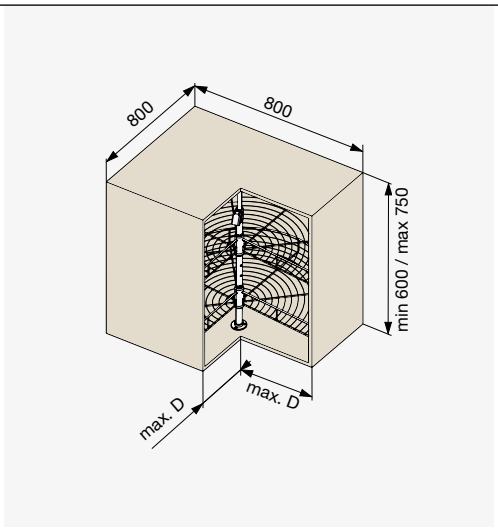


- Wire baskets with chrome plating
- The axle and the set of baskets are packed together
- Load capacity 15 kg per basket

Cabinet width [mm]	Chrome	Cabinet depth [mm]	Cabinet height [mm]
800	**F001208**	min. 430	600–750

Riex GP13 270° Set





- Wire baskets with chrome plating
- The axle and the set of baskets are packed together
- Load capacity 15 kg per basket

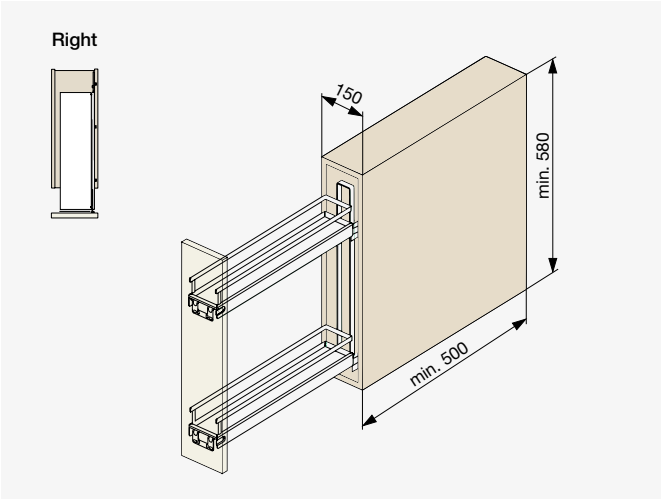
Cabinet width [mm]	Chrome	D [mm]	Cabinet height [mm]
800	**F001209**	max. 400	600–750

Base Cabinets



Kesseböhmer No. 15





- Load capacity 6 kg per basket
- Full extension concealed slides with soft-close
- Side mounting
- Only right version
- 3D front panel adjustment

● No. 15 Set



● Style anthracite



● K line anthracite



● Style chrome

Package content:
- 2 baskets with front 3D brackets
- 2 concealed slides



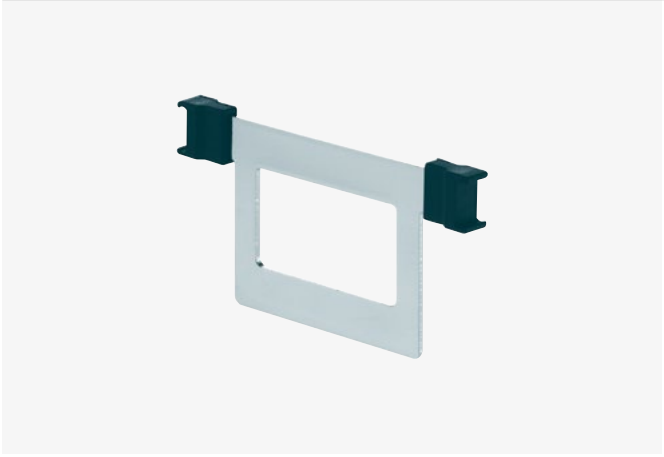
● Style towel holder chrome



● Style baking tray holder chrome

Basket type	Anthracite	Chrome	Side	Cabinet width [mm]	Cabinet depth [mm]	Cabinet height [mm]
Style	**F014271**	**F014272**	Right	150	min. 500	min. 580
K line	**F014478**	×				
Style towel holder	**F014273**	**F014274**				
Style baking tray holder	×	**F014275**				

● No. 15
Divider



● Style chrome

Basket type	Anthracite	Chrome
Style	**F005355**	**F005354**
K line	**F005356**	×

Packed by 1 divider.

● No. 15
Accessories



ⓘ **F005177**



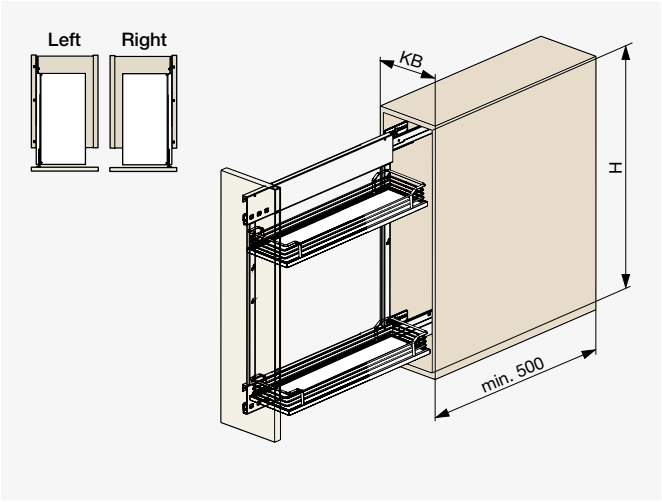
ⓘ **F005178**

- Used for handleless opening of the door

Type	Specification	Code
Push-to-open for drilling	22–34 N	**F005177**
Push-to-open adapter	For external installation	**F005178**

Kesseböhmer COMFORT II





- Load capacity 20 kg
- Full extension concealed slides with soft-close
- Side mounting
- 3D front panel adjustment

For assembly is necessary to order:
- Frame with slides
- Baskets

Suggested configuration:
- 1 fitting set
- 2 COMFORT II baskets

● COMFORT II
Frame with Slides



● Anthracite



● Silver

Package content:
- 1 frame
- 1 pair of GRASS Nova full extension slides
- 1 set of 3D front panel brackets

Cabinet height H [mm]	Side	Anthracite	Silver	Cabinet depth [mm]
min. 654	Right	F005361	F005357	min. 500
	Left	F005362	F005358	
min. 686	Right	F005363	F005359	
	Left	F005364	F005360	

● COMFORT II
Basket



● ARENA style anthracite



○ ARENA style white / chrome



○ ARENA classic white / chrome

Cabinet width KB [mm]	ARENA style anthracite	ARENA style white / chrome	ARENA classic white / chrome	Width [mm]
200	**F005365**	**F005369**	**F005373**	110
250	**F005366**	**F005370**	**F005374**	160
300	**F005367**	**F005371**	**F005375**	210
400	**F005368**	**F005372**	**F005376**	320

Packed by 1 basket.

● COMFORT II
Spice Rack



Anthracite	Width [mm]	Depth [mm]	Height [mm]
F005377	479	133	76

● COMFORT II
Accessories



ⓘ **F005177**



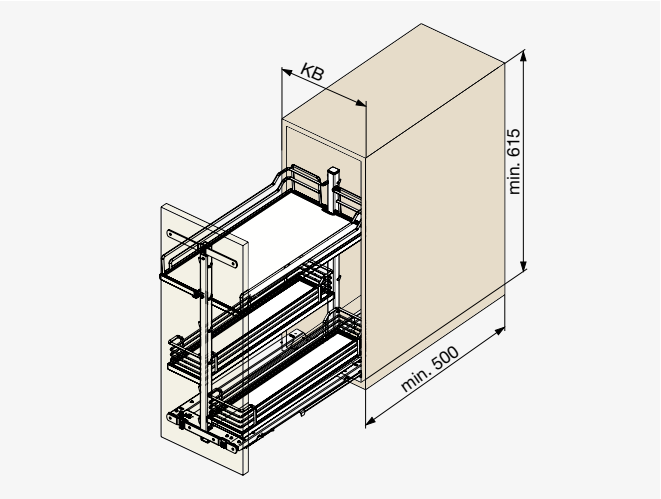
ⓘ **F005178**

- Used for handleless opening of the door

Type	Specification	Grey
Push-to-open for drilling	22–34 N	**F005177**
Push-to-open adapter	For external installation	**F005178**

Kesseböhmer DISPENSA junior III





- Full extension concealed slides with soft-close
- Bottom mounting
- 3D front panel adjustment

For assembly is necessary to order:
- Frame with slides
- Baskets

Suggested configuration:
- 1 fitting set
- 2 DISPENSA baskets

- 1 DISPENSA basket can be replaced by 2 COMFORT II baskets
- Can be upgraded by Youboxx sets

● DISPENSA junior III
Frame with Slides



ⓘ **F005379**



ⓘ **F005378**

Package content:
- 1 frame
- 1 pair of slides
- 1 set of 3D front panel brackets

Cabinet width KB [mm]	Anthracite	Silver	Cabinet depth [mm]	Cabinet height [mm]
300–450	**F005379**	**F005378**	min. 500	min. 615
500–600	**F005381**	**F005380**		

● DISPENSA junior III
Basket



● ARENA pure anthracite



● ARENA style anthracite



○ ARENA style white / chrome



○ ARENA classic white / chrome

Cabinet width KB [mm]	ARENA pure anthracite	ARENA style anthracite	ARENA style white / chrome	ARENA classic white / chrome	Width [mm]
300	F005181	F005186	F005193	F005198	250
400	F005182	F005187	F005194	F005199	350
450	F005183	F005188	F005195	F005200	400
500	×	F005189	F005196	F005201	450
600	×	F005190	F005197	F005202	550

Packed by 1 basket.

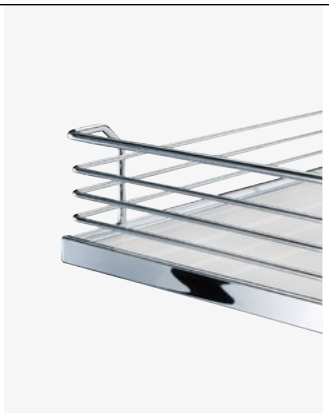
● COMFORT II
Narrow Side Basket for DISPENSA



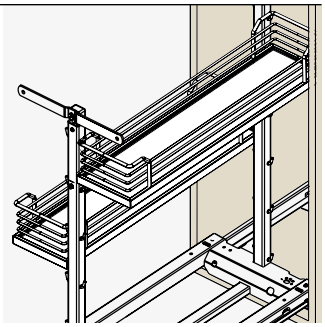
● ARENA style anthracite



○ ARENA style white / chrome



○ ARENA classic white / chrome



Cabinet width KB [mm]	ARENA pure anthracite	ARENA style anthracite	ARENA style white / chrome	ARENA classic white / chrome	Width of 2 baskets [mm]
300	×	F005365	F005369	F005373	2 × 110
400	×	F005366	F005370	F005374	2 × 160
500	×	F005367	F005371	F005375	2 × 210

2 COMFORT II Baskets substitute 1 DISPENSA Basket. Packed by 1 basket.

● DISPENSA junior III
Youboxx



● Set 1 anthracite – **F005344**



● Set 3 anthracite – **F005346**



○ Set 1 white – **F005343**



○ Set 3 white – **F005345**

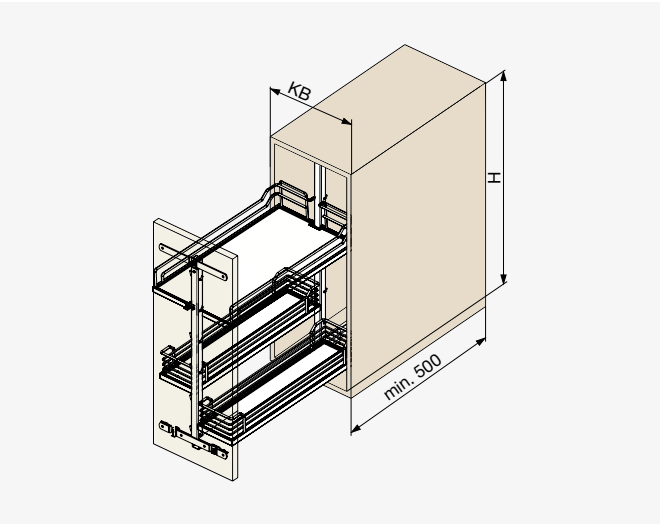


Type	Anthracite	White
Set 1	**F005344**	**F005343**
Set 3	**F005346**	**F005345**

The sets contain:
Set 1 2× box 1.0 L + 1× box 2.1 + 2× box 2.0 L + 1× knife holder + 2× box lid + 2× support rail
Set 3 2× box 1.0 L + 2× box 2.1 L + 1× box divider + 2× box lid + 2× support rail

Kesseböhmer DISPENSA junior slim





- Full extension concealed slides with soft-close
- Bottom mounting
- 3D front panel adjustment

For assembly is necessary to order:
- Frame with slides
- Baskets

Suggested configuration:
- 1 fitting set
- 2 DISPENSA baskets

- 1 DISPENSA basket can be replaced by 2 COMFORT II baskets
- Can be upgraded by Youboxx sets

● DISPENSA junior slim Frame with Slides



Package content:
- 1 frame
- 1 adapter plate
- 1 aluminium profile
- 1 top connector
- 1 pair of concealed slides
- 1 set of 3D front panel brackets
- 1 set of assembly materials [excluding screws for carcase]

ⓘ **F005384**

Cabinet height H [mm]	Anthracite	Silver	Cabinet depth [mm]	Cabinet width KB [mm]
640–728	**F005385**	**F005384**	min. 500	200–400
695–783	**F005383**	**F005382**		

For 150 mm unit width use front panel bracket **F005386** and **F005387**.

● DISPENSA junior slim
Basket



● ARENA pure anthracite



● ARENA style anthracite



○ ARENA style white / chrome



○ ARENA classic white / chrome

Cabinet width KB [mm]	ARENA pure anthracite	ARENA style anthracite	ARENA style white / chrome	ARENA classic white / chrome	Width [mm]
150	F005180	F005184	F005191	F005311	100
200	×	F005185	F005192	F005312	150
300	F005181	F005186	F005193	F005198	250
400	F005182	F005187	F005194	F005199	350

Packed by 1 basket.

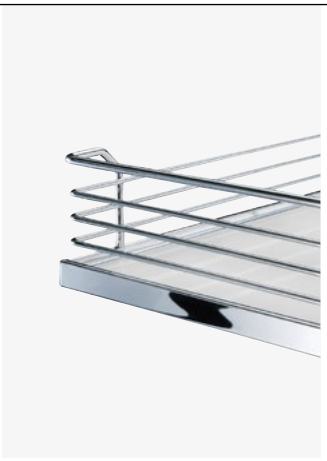
● COMFORT II
Narrow Side Basket for DISPENSA



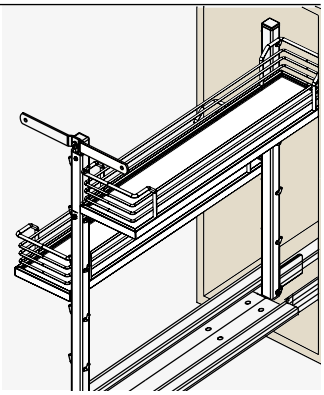
● ARENA style anthracite



○ ARENA style white / chrome



○ ARENA classic white / chrome



Cabinet width KB [mm]	ARENA pure anthracite	ARENA style anthracite	ARENA style white / chrome	ARENA classic white / chrome	Width of 2 baskets [mm]
300	×	F005365	F005369	F005373	2 × 110
400	×	F005366	F005370	F005374	2 × 160

2 COMFORT II Baskets substitute 1 DISPENSA Basket. Packed by 1 basket.

● DISPENSA junior slim
Front Panel Brackets for 150 mm Cabinet



● Anthracite



● Silver

- Optional accessories

Package content:
- 1 top front panel bracket
- 1 bottom front panel bracket

Anthracite	Silver
F005387	F005386

● DISPENSA junior slim
Youboxx



● Set 1 Anthracite – **F005344**



● Set 3 Anthracite – **F005346**



○ Set 1 White – **F005343**



○ Set 3 White – **F005345**

Type	Anthracite	White
Set 1	F005344	F005343
Set 3	F005346	F005345

The sets contain:
Set 1 2× box 1.0 L + 1× box 2.1 + 2× box 2.0 L + 1× knife holder + 2× box lid + 2× support rail
Set 3 2× box 1.0 L + 2× box 2.1 L + 1× box divider + 2× box lid + 2× support rail

● DISPENSA junior slim
Accessories



ⓘ **F005179**



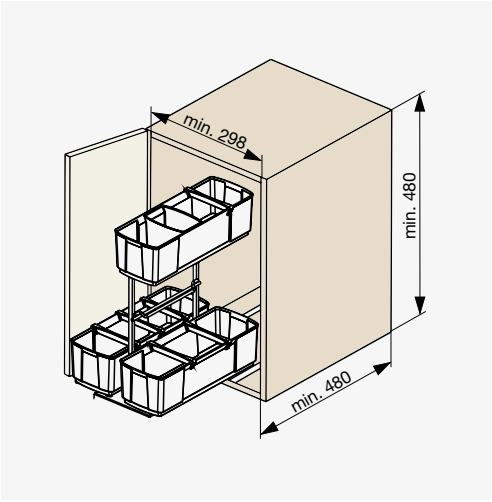
ⓘ **F005178**

- Used for handleless opening of the door

Type	Specification	Grey
Push-to-open for drilling	26–48 N	F005179
Push-to-open adapter	For external installation	F005178

Kesseböhmer cleaningAGENT





- Bottom mounting
- Carry basket with non-slip rubber feet
- All plastic elements removable and washable [dishwasher proof]
- Resistant to all commonly available household cleaning materials

● cleaningAGENT Set



Package content:
- 1 system frame with slides
- 1 hook-on basket with easy-grip handle
- 2 large containers
- 1 small container
- 6 dividers

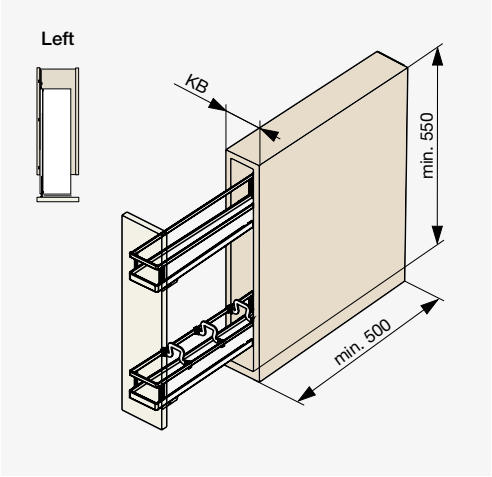
ⓘ **F005388**

Grey	Internal cabinet width [mm]	Cabinet height [mm]	Cabinet depth [mm]
F005388	298	480	480

Riex Side Baskets without Frame

Riex GD38
Side Full Bottom Baskets



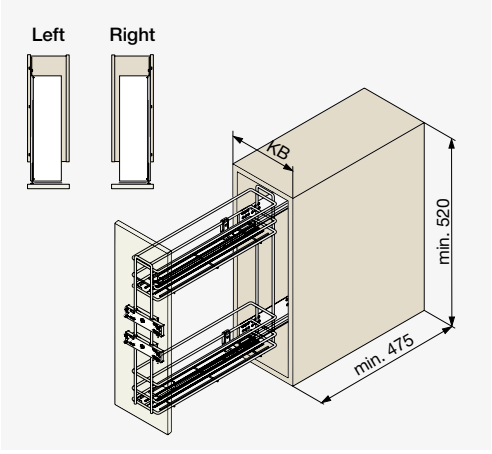


- Dark grey full bottom baskets
- Full extension concealed slides with soft-close
- Left version only
- 3D front panel brackets
- All components are packed together

Cabinet width KB [mm]	Dark grey	Side	Cabinet depth [mm]	Cabinet height [mm]
150	F001833	Left	min. 500	min. 550
200	F003056			

Riex GD34
Side Wire Baskets with Blum Slides





- Wire baskets with chrome plating
- Blum full extension concealed slides with soft-close
- 3D front panel brackets
- All components are packed together

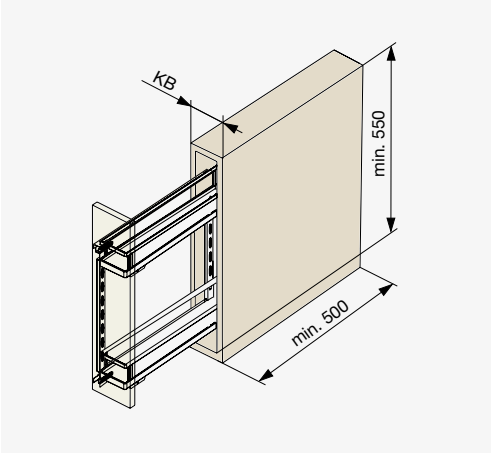
Cabinet width KB [mm]	Side	Chrome	Cabinet depth [mm]	Cabinet height [mm]
150	Right	F001846	min. 475	min. 520
	Left	F005160		
200	Right	F001847		
	Left	F005161		



Riex Side Baskets with Frame

Riex GD48
Side Full Bottom Baskets with Frame



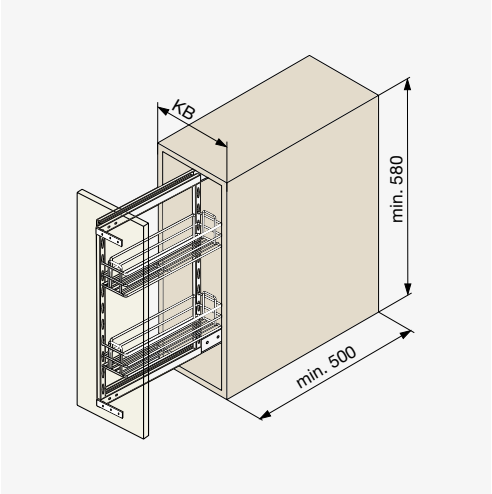


- Full extension concealed slides with soft-close
- Dark grey full bottom baskets
- Dark grey frame
- Left / Right version
- 3D front panel brackets
- All components are packed together

Cabinet width KB [mm]	Dark grey	Side	Cabinet depth [mm]	Cabinet height [mm]
200	**F001837**	Right / Left	min. 500	min. 550
250	**F001839**			
300	**F001841**			

Riex GD43
Side Wire Baskets with Frame





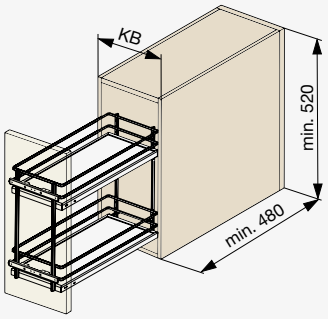
- Full extension ball bearing slides with soft-close
- Wire baskets with chrome plating
- Light grey frame
- Left / Right version
- 2D front panel brackets
- All components are packed together

Cabinet width KB [mm]	Chrome	Side	Cabinet depth [mm]	Cabinet height [mm]
200	**F001218**	Right / Left	min. 500	min. 580
250	**F001219**			
300	**F001220**			

Riex Bottom Baskets

Riex GD58
Bottom Full Bottom Baskets



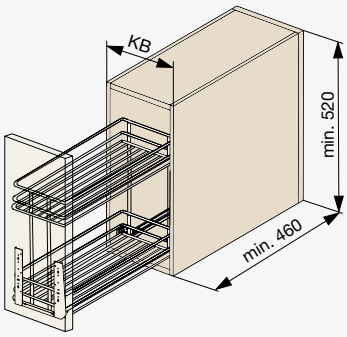


- Full extension concealed slides with soft-close
- Bottom mounting
- Dark grey full bottom baskets
- Dark grey frame
- 3D front panel brackets
- All components are packed together

Cabinet width KB [mm]	Dark grey	Cabinet depth [mm]	Cabinet height [mm]
300	F001875	min. 480	min. 520
400	F001876		

Riex GD53
Bottom Wire Baskets





- Full extension concealed slides with soft-close
- Bottom mounting
- Wire baskets with chrome plating
- Dark grey frame
- 2D front panel brackets
- All components are packed together

Cabinet width KB [mm]	Chrome	Cabinet depth [mm]	Cabinet height [mm]
300	F001873	min. 460	min. 520
400	F001874		

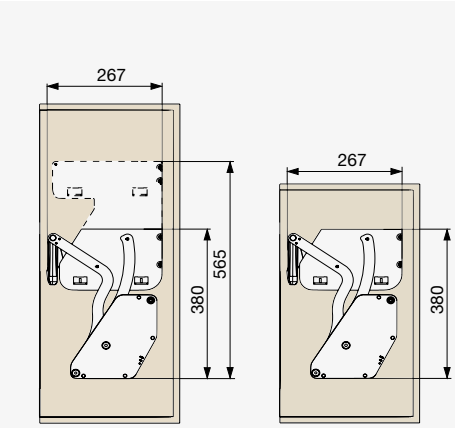
CONTENT

Top Cabinets and Organizers



Kesseböhmer iMove





- Load capacity 8 kg
- Intelligent pull-down system for top cabinets

● iMove Set



ⓘ **F005450**



ⓘ **F005453**



ⓘ **F005451**

Package content:
- iMove basket
- Dress covers
- Fixing material
- Drilling template



ⓘ **F005448**



ⓘ **F005452**



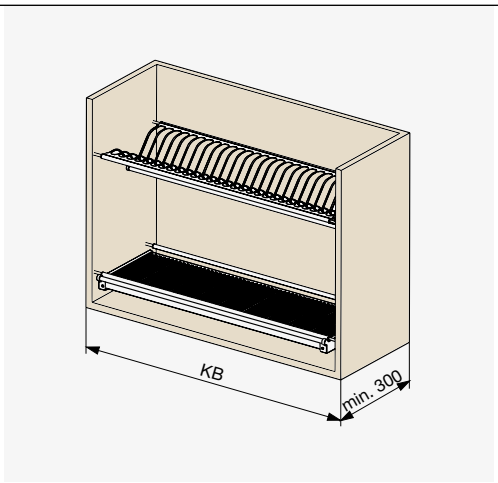
ⓘ **F005449**

Cabinet width [mm]	Number of baskets	Anthracite	Silver	Width [mm]	Height [mm]	Depth [mm]
600	1	F005450	F005448	565	380	267
	2	F005453	F005452	565	565	
900	1	F005451	F005449	865	380	

Riex
Dish Drainers

Riex GU16
Dish Drainer



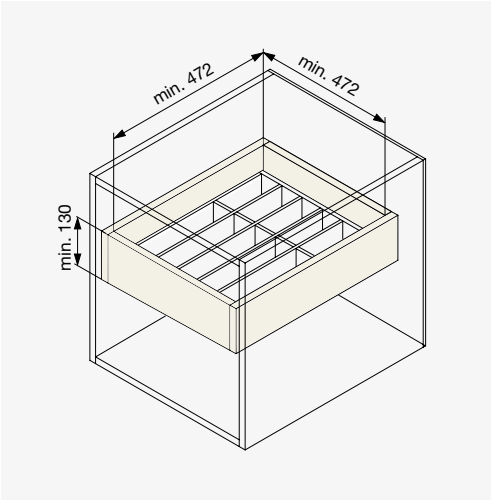


- Dish drainer for mounting to the top cabinet
- Stainless steel material

Cabinet width KB [mm]	Stainless steel	Cabinet depth [mm]	Number of shelves
500	**F001221**	min. 300	2
600	**F001222**		
700	**F001223**		
800	**F001224**		
900	**F001225**		

Kesseböhmer SpaceFlexx





- nesttex®, the flexible divider adjusts itself to the stored goods
- The nesttex® divider is based on a special high-tech textile
- nesttex® dividers are machine washable

● SpaceFlexx Set



Package content:
- 1 frame
- 5 flexible nesttex® dividers

ⓘ **F005457**

Chrome	Width [mm]	Height [mm]	Depth [mm]
F005457	472 / 520	min. 130	472

Space Flexx has a width setting of 472 or 520 mm for optimum adjustment to the drawer.

Wardrobe Fittings

Wardrobes are no longer just a bar and ordinary shelves. Customer demands are increasing in this area as well. That‘s why we have developed a range of classic elements and new creations for wardrobe organisation under the Riex brand. Our portfolio includes the traditional wire baskets, pull-out hangers, a rotating shoe rack or pull-down wardrobe bars. All this in the well-known dark gray collection, which tastefully emphasizes its uniqueness with its colorful design. Many of you will appreciate the customised wardrobe bars.



● Dark Grey Series 11.3

● Pull-Out Wire Baskets 11.9

● Pull-Out Hangers 11.11

● Wardrobe Bars 11.13

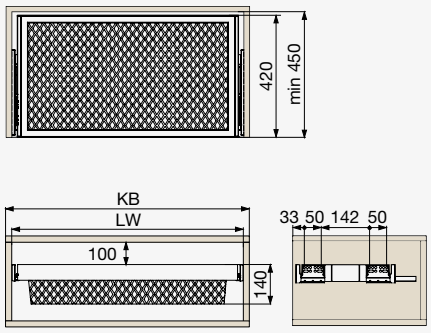
● Shoe Racks 11.19

Dark Grey Series



Riex VX95
Pull-Out Frame with Storage Mesh Basket



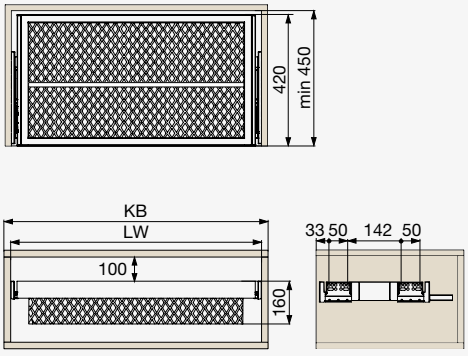


- Full extension soft-close concealed slides
- Width adjustment 20 mm
- Aluminium frame
- Dark grey colour
- Load capacity 20 kg
- Cabinet width [KB] coresspondents with 18 mm boards. When using 19 mm boards width of the cabinet will be +2 mm

Cabinet width KB [mm]	Code	Width LW [mm]	Height [mm]	Depth [mm]
600	**F000569**	564–584	140	420
700	**F000570**	664–684		
800	**F000571**	764–784		
900	**F000572**	864–884		

Riex VX85
Pull-Out Frame with Shoe Rack



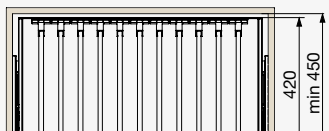


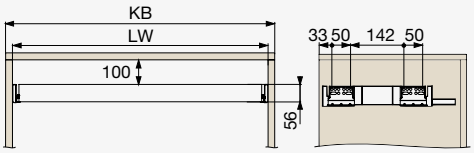
- Full extension soft-close concealed slides
- Width adjustment 20 mm
- Aluminium frame
- Dark grey colour
- Load capacity 20 kg
- Cabinet width [KB] coresspondents with 18 mm boards. When using 19 mm boards width of the cabinet will be +2 mm

Cabinet width KB [mm]	Code	Width LW [mm]	Height [mm]	Depth [mm]
600	**F000577**	564–584	160	420
700	**F000578**	664–684		
800	**F000579**	764–784		
900	**F000580**	864–884		

Riex VX75
Pull-Out Frame with Trousers Rack





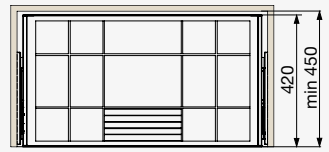


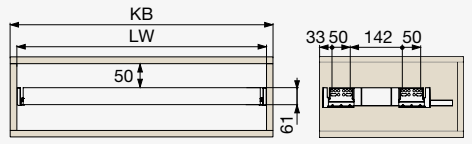
- Full extension soft-close concealed slides
- Width adjustment 20 mm
- Aluminium frame
- Dark grey colour
- Recommended minimum cabinet height is 700 mm
- Loading capacity 20 kg
- Cabinet width [KB] coresspondents with 18 mm boards. When using 19 mm boards width of the cabinet will be +2 mm

Cabinet width KB [mm]	Code	Width LW [mm]	Number of hangers	Height [mm]	Depth [mm]
600	**F000581**	564–584	7	56	420
700	**F000582**	664–684	8		
800	**F000583**	764–784	11		
900	**F000584**	864–884	13		

Riex VX65
Pull-Out Frame with Jewellery Box





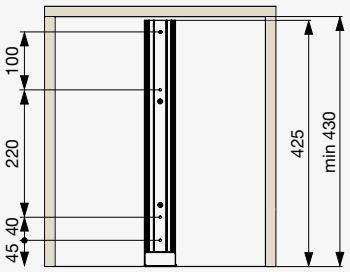


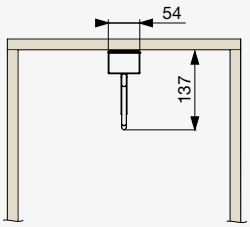
- Full extension soft-close concealed slides
- Width adjustment 20 mm
- Aluminium frame
- Dark grey colour
- Loading capacity 20 kg
- Cabinet width [KB] coresspondents with 18 mm boards. When using 19 mm boards width of the cabinet will be +2 mm

Cabinet width KB [mm]	Code	Width LW [mm]	Height [mm]	Depth [mm]
600	**F000585**	564–584	61	420
700	**F000586**	664–684		
800	**F000587**	764–784		
900	**F000588**	864–884		

Riex VX27
Pull-Out Rack for Hangers





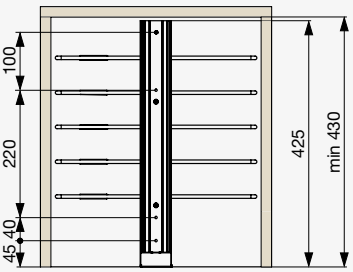


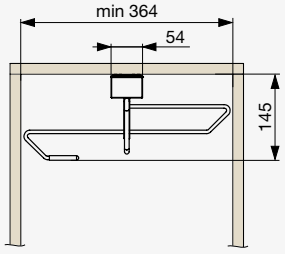
- Soft-close system
- Dark grey colour
- Recommended minimum cabinet height is 1100 mm
- Load capacity 12 kg

Code	Width [mm]	Height [mm]	Depth [mm]
F000589	54	137	425

Riex VX17
Pull-Out Trousers Hanger



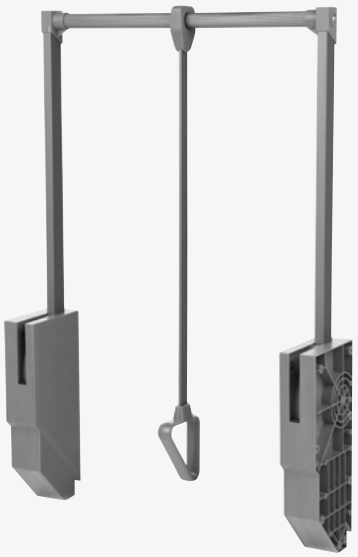


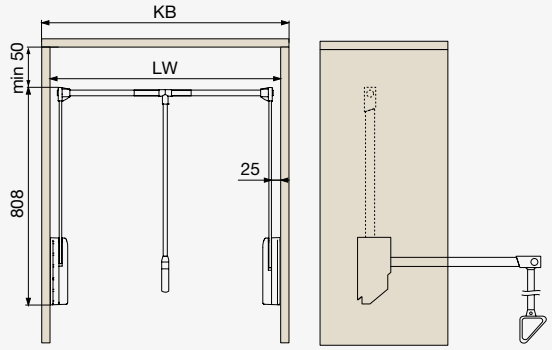


- Soft-close system
- 5 hangers
- Dark grey colour
- Recommended minimum cabinet height is 700 mm
- Load capacity 12 kg

Code	Width [mm]	Height [mm]	Depth [mm]
F000590	350	145	425

Riex VX47
Pull-Down Wardrobe Bar

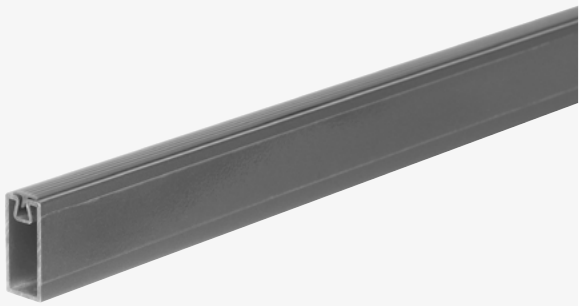




- Loading capacity 15 kg
- Up and down soft-close
- Width adjustment 200 mm
- Dark grey colour

Cabinet width KB [mm]	Code	Width LW [mm]	Height [mm]	Depth [mm]
600–800	**F000594**	564–764	808	140
800–1000	**F000595**	764–964		

Riex VX34
Square Wardrobe Bar

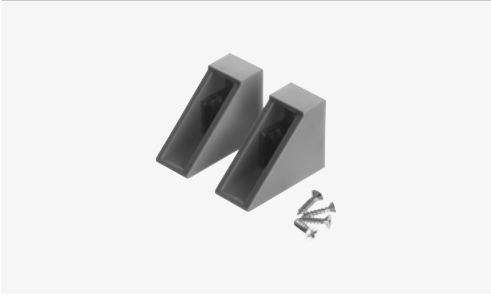


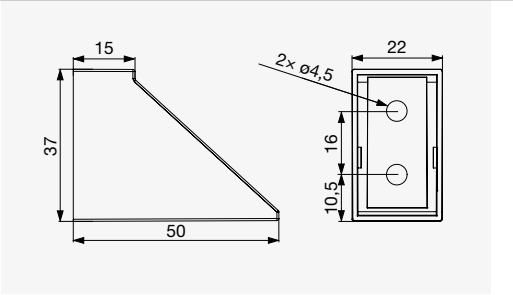


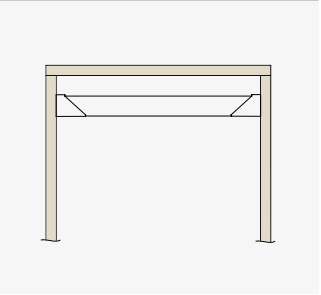
- Aluminium bar
- Dark grey colour
- Rubber on upper part of bar
- Other types of wardrobe bars on p. 11.14 and 11.17

Length L [mm]	Code	Width [mm]	Height [mm]
1000	**F000596**	15	30
3000	**F008629**		

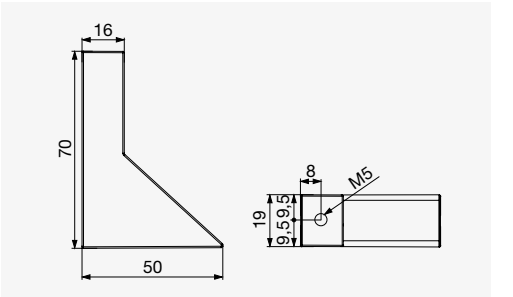
Riex VX34
Wardrobe Bar Holder

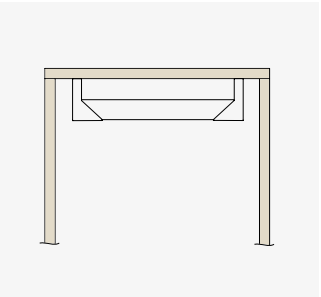








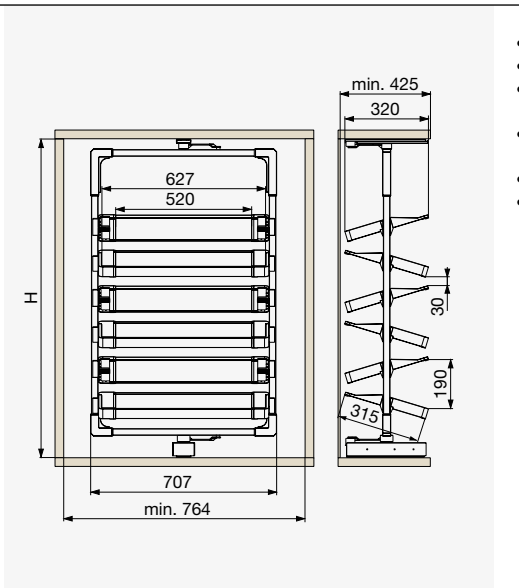




Mounting	Code	Material
Side	**F000597**	Plastic
Under a shelf	**F000598**	Steel

Riex VX53
Rotating Shoe Rack





- 180° rotating system saves space
- Height adjusment 100 mm
- The shoe rack consists of a frame and shelves
- It is always necessary to order both items
- Silver frame and brown shelves
- Other types of shoe racks on p. 11.19 and 11.20

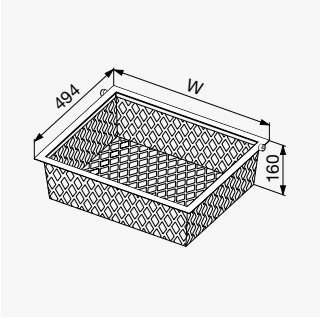
Frame			Set of shelves with mechanisms	
Height H [mm]	Code		Code	Nr. of shelves
1165–1265	**F000591**	+	**F002928**	6
1435–1535	**F000592**	+	**F002929**	8
1705–1805	**F000593**	+	**F002930**	10

Pull-Out Wire Baskets

Riex VB66 Mesh Basket





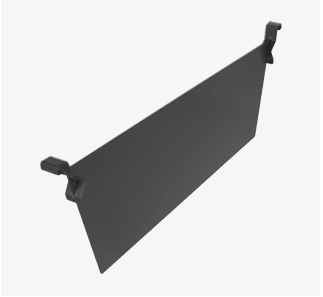


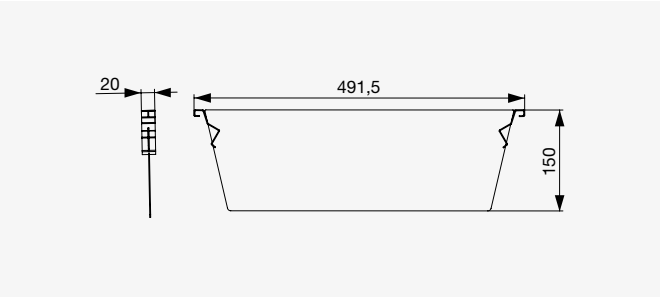
- Roller slides have to be purchased separately

○ White ● Dark grey

Cabinet width KB [mm]	White	Dark grey	Width W [mm]	Height [mm]	Depth [mm]
400	F000939	F000943	336	160	494
500	F000940	F000944	436		
600	F000941	F000945	536		
800	F000942	F000946	736		

Riex VB66 Dividing Panel



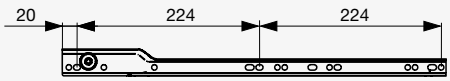


○ White ● Dark grey

White	Dark grey	Height [mm]	Length [mm]	Material
F007950	F007951	150	491.5	Steel

Riex VB66
Roller Slide for Wardrobe Basket





○ White



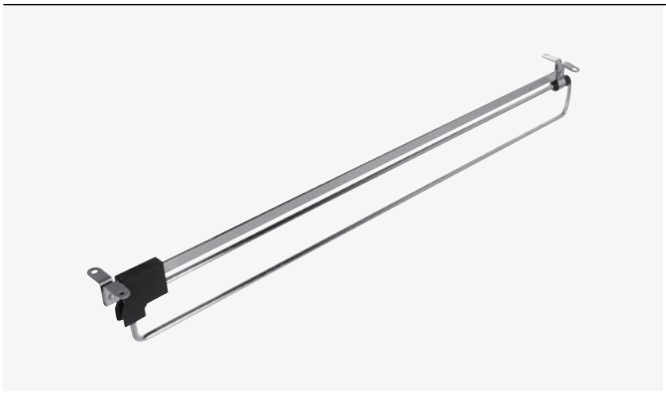
● Dark grey

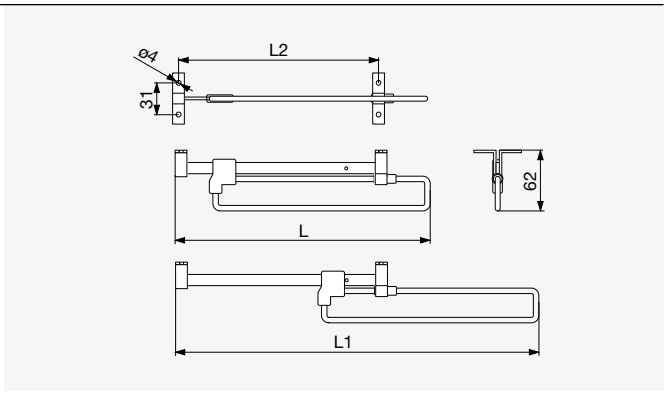
- Roller slides compatible with baskets VB66

Board thickness [mm]	White	Dark grey	Length [mm]
16	F000947	F000949	472
18–19	F000948	F000950	

Pull-Out Hangers

Riex VH21
Pull-Out Rack for Hangers, Chrome

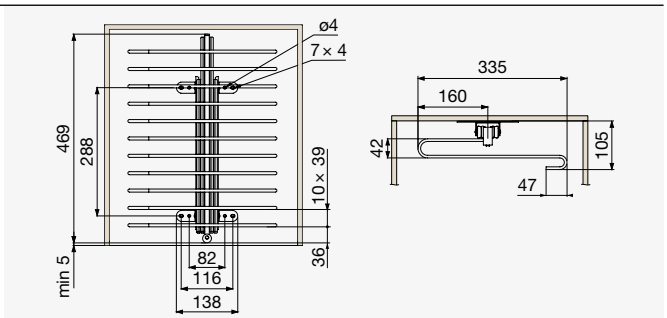




Length L [mm]	Code	Length L1 [mm]	Length L2 [mm]
250	**F000822**	390	225
300	**F000823**	490	276
350	**F000824**	590	326
400	**F000825**	690	376
450	**F000826**	790	424
500	**F000827**	890	474

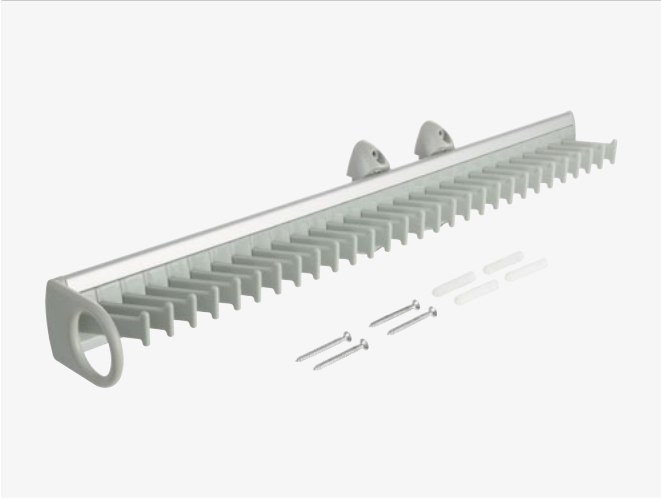
Riex VH11
Pull-Out Trousers Hanger, Chrome

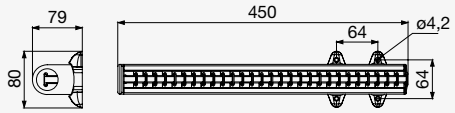




Number of hangers	Code
11	**F001200**

Riex VH31
Pull-Out Tie / Belt Rack, Light Grey





Number of hooks	Code
29	**F001798**

Wardrobe Bars



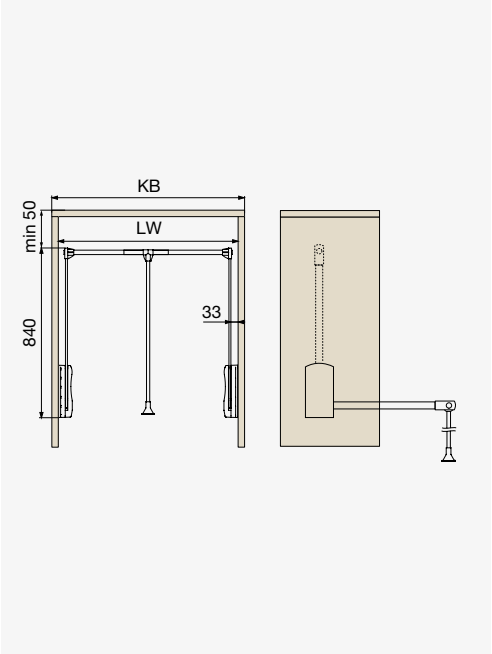
Riex VT43
Pull-Down Wardrobe Bar



○ White



● Anodised aluminum / silver

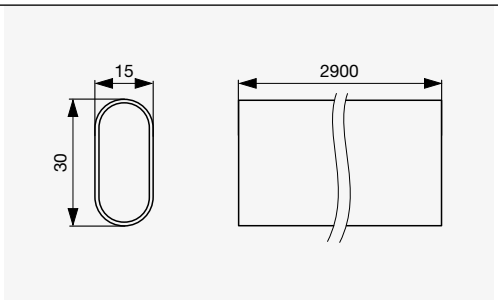


- Loading capacity 10 kg

Cabinet width KB [mm]	White	Anodised aluminum / silver	Width LW [mm]	Height [mm]	Depth [mm]
726–956	F000834	F000835	660–890	840	150
956–1276	F000836	F000837	890–1210		

Riex VT14
Wardrobe Bar, Oval, 30 × 15 mm





Colour	Thickness [mm]	Length [mm]	Code	Material
Anodised aluminium	1.1	2900	**F002769**	Aluminium

Riex VT24
Steel Wardrobe Oval Bar, 30 × 15 mm



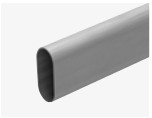
Chrome



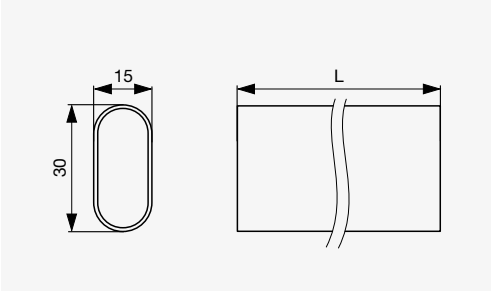
○ White



● Matt black



● Matt nickel



Colour	Thickness [mm]	Length L [mm]	Code	Material
Chrome	0.7	556	**F008609**	Steel
		656	**F008610**	
		756	**F008611**	
		856	**F008612**	
		956	**F008613**	
		1056	**F008614**	
		1156	**F008615**	
		3000	**F001096**	
	1.0	3000	**F001099**	
Matt black	0.7	556	**F010328**	
		656	**F010329**	
		756	**F010330**	
		856	**F010331**	
		956	**F010332**	
		1056	**F010333**	
		1156	**F010334**	
	1.0	3000	**F001100**	
White	0.7	3000	**F001097**	
Matt nickel	0.7	3000	**F008623**	

Riex VT24 / VT14
Oval Bar Holder, 30 × 15 mm



● Nickel



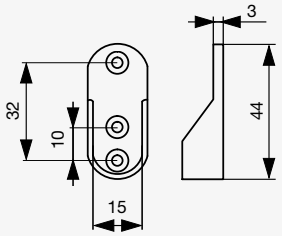
● Chrome



○ White



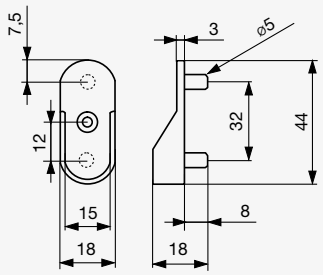
● Matt black



Colour	Code	Material	Mounting
Nickel	**F001117**	Steel	Side
Nickel	**F001118**	Zinc	
Chrome	**F001119**		
White	**F001120**		
Matt black	**F001121**		

Riex VT24 / VT14
Oval Bar Holder, 2 Pins, 30 × 15 mm





Colour	Code	Material	Mounting
Chrome	**F001122**	Zinc	Side with pins

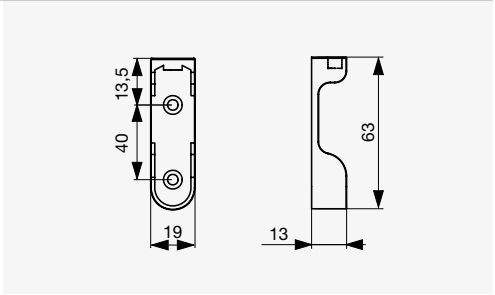
Riex VT24 / VT14
Oval Bar Holder, Screwing under a Shelf, 30 × 15 mm

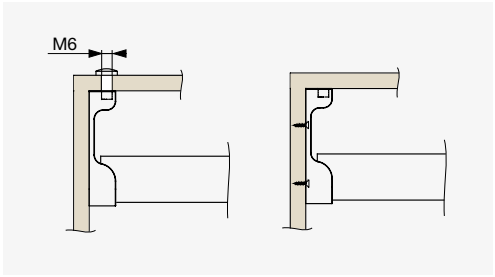


Chrome



● Matt black





Colour	Code	Material	Mounting
Chrome	**F001123**	Zinc	Under a shelf
Matt black	**F001124**		

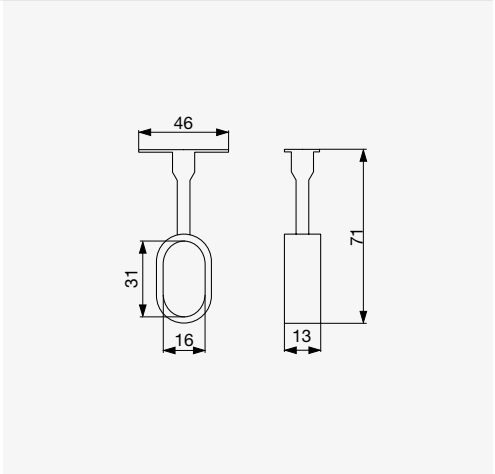
Riex VT24 / VT14
Oval Bar Shank Holder, 30 × 15 mm



ⓘ **F001125**



ⓘ **F001127**



Colour	Mounting	Code	Material
Nickel	Center	**F001125**	Zinc
	End	**F001127**	

Riex VT23
Steel Wardrobe Round Bar, Diameter 25 mm

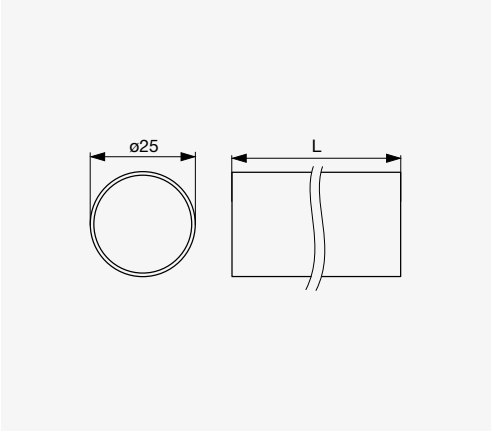




● Matt nickel



● Matt black



● Chrome

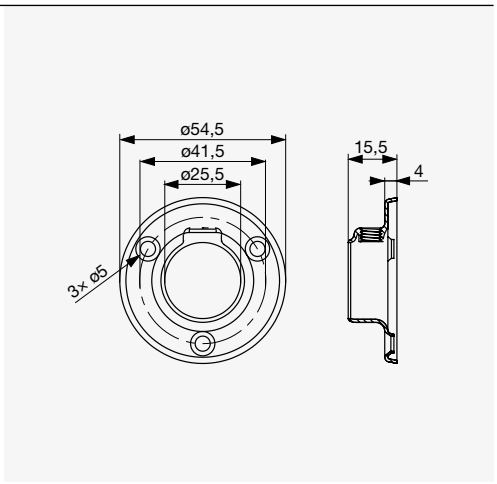
Colour	Thickness [mm]	Length L [mm]	Code	Material
Chrome	0.7	562	**F008616**	Steel
		662	**F008617**	
		762	**F008618**	
		862	**F008619**	
		962	**F008620**	
		1062	**F008621**	
		1162	**F008622**	
		3000	**F004988**	
	1.0	3000	**F004989**	
Matt nickel	0.7	3000	**F008624**	
Matt black	0.7	3000	**F008625**	

Riex VT23
Round Bar Holder, Diameter 25 mm





● Matt black



● Chrome

Colour	Code	Material	Mounting
Chrome	**F005026**	Steel	Side
Matt black	**F008626**		

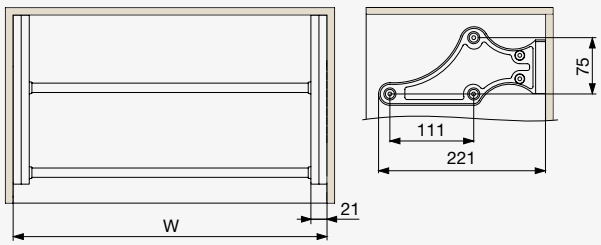


Shoe Racks



Riex VS33
Shoe Rack, Chrome / Black

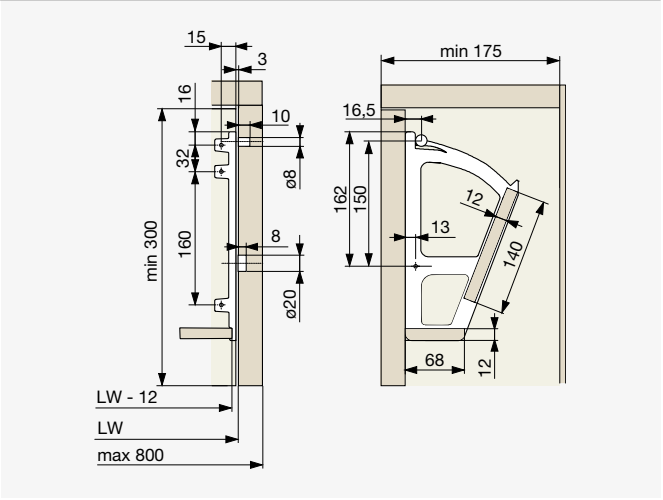




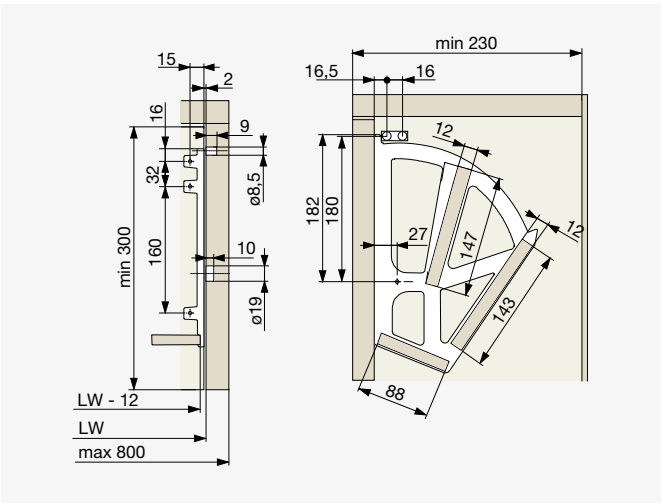
Width W [mm]	Code	Colour
400–700	F000831	Chrome / black
700–1100	F000832	

Riex VS13
Tilt-Out Shoe Rack, White

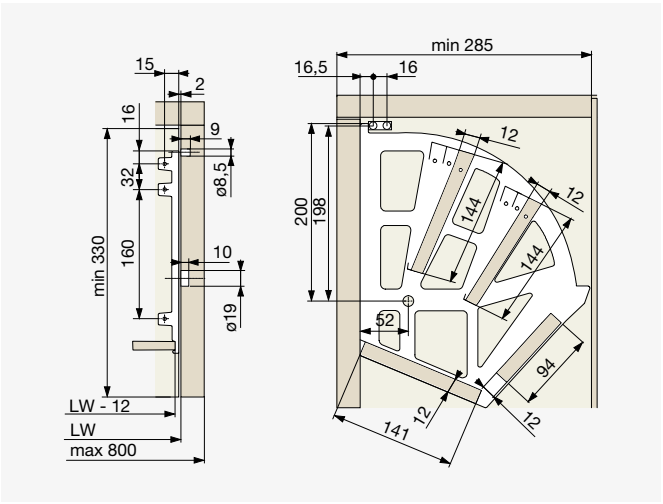












Number of shelves	Code	Colour
1	**F000828**	White
2	**F000829**	
3	**F000830**	

Sliding Door Fittings

Sliding doors are an elegant and creative space-saving solution. We offer several fitting brands for your projects: our own Riex products provide great value for money. The Swiss manufacturer Hawa offers up to a 15-year warranty, a considered lifetime of 25 years and has solutions specifically for small spaces. The Italian brand Cinetto brings further innovation.



● **Furniture Sliding Doors – Top Load** **12.3**
Cinetto PS40 12.5
Riex ES80 12.9
Riex ES70 12.11
Hawa Clipo 12.13
Riex ES45 12.15

● **Folding Furniture Doors – Top Load** **12.17**
Cinetto PS23 12.17

● **Flush Pivot and Folding Pocket Doors** **12.19**
Hawa Concepta III 12.21
Hawa Folding Concepta 12.25

● **Furniture Sliding Doors – Bottom Load** **12.27**
Riex ES40 12.28
Riex ES65 12.29
Riex VR30/31 Wardrobe System 12.31
Hawa Combino 12.69
Riex ES44 12.71

● **Straightening Fittings** **12.73**

● **Interior Doors** **12.75**
Sisco Hidden 12.77
Cinetto PS66 12.79
Hawa Junior 12.81
Riex ES25 12.87

CONTENT

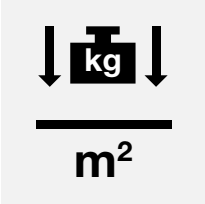
Furniture Sliding Doors – Top Load

- Hidden rails, doors from ceiling to floor, nice design are advantages of top load system
- This system requires a solid construction of the ceiling to avoid sagging of rail. Especially high doors require reinforcement to treat the deflection of doors



Approximate Weight of Materials

- Based on manufacturers' data, can be different in different countries
- Doors weight must respect capacity of sliding system
- Approximate data, to choose right fitting especially in complicated installation we suggest to check weight physically to get correct data



● Chipboard

Thickness [mm]	Weight [kg / m²]
8	5–6
10	6–8
12	7–9
16	10–11
18	11–12
19	15–18
22	13–17
25	15–19
28	16–20
38	20–25

● MDF

Thickness [mm]	Weight [kg / m²]
10	6–8
18	12–14
25	17–19
28	19–21

● HPL

Thickness [mm]	Weight [kg / m²]
8	10–11
10	14–15
12	15–18

● Honeycomb Board

Thickness [mm]	Weight [kg / m²]
38	11–12
50	11–12

● Solid Wood

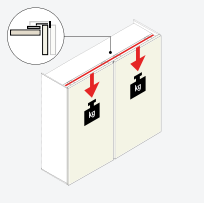
For thickness 40 [mm]	Weight [kg / m²]
Beech	25–29
Oak	24–30
Spruce / Pine	18–19
Larch	22–24

- Weight depends on natural condition, wood density, valid for relative humidity approx 8%

● Glass

Thickness [mm]	Weight [kg / m²]
4	10
5	12.5
6	15
8	20
10	25
12	30

Cinetto PS40





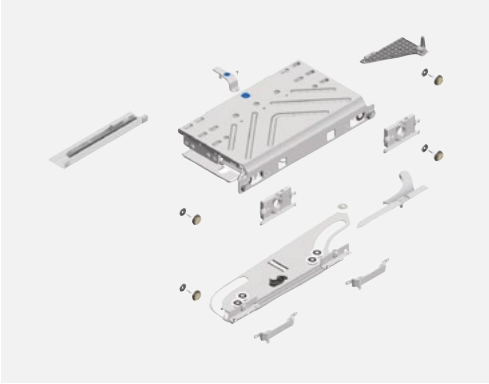
- Sliding system with coplanar doors
- Load capacity 60 kg per door
- Possible to operate doors electrically
- Door width 890–1800 mm, height max. 3000 mm
- **Door straightener recommended, especially for higher doors**

Installation video:

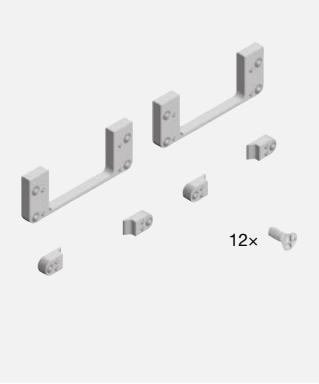
● Cinetto PS40 Coplanar Sliding System



ⓘ **F004805** Set for left door

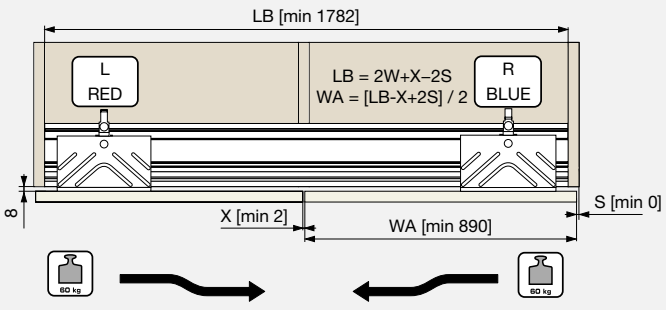


ⓘ **F004806** Set for right door



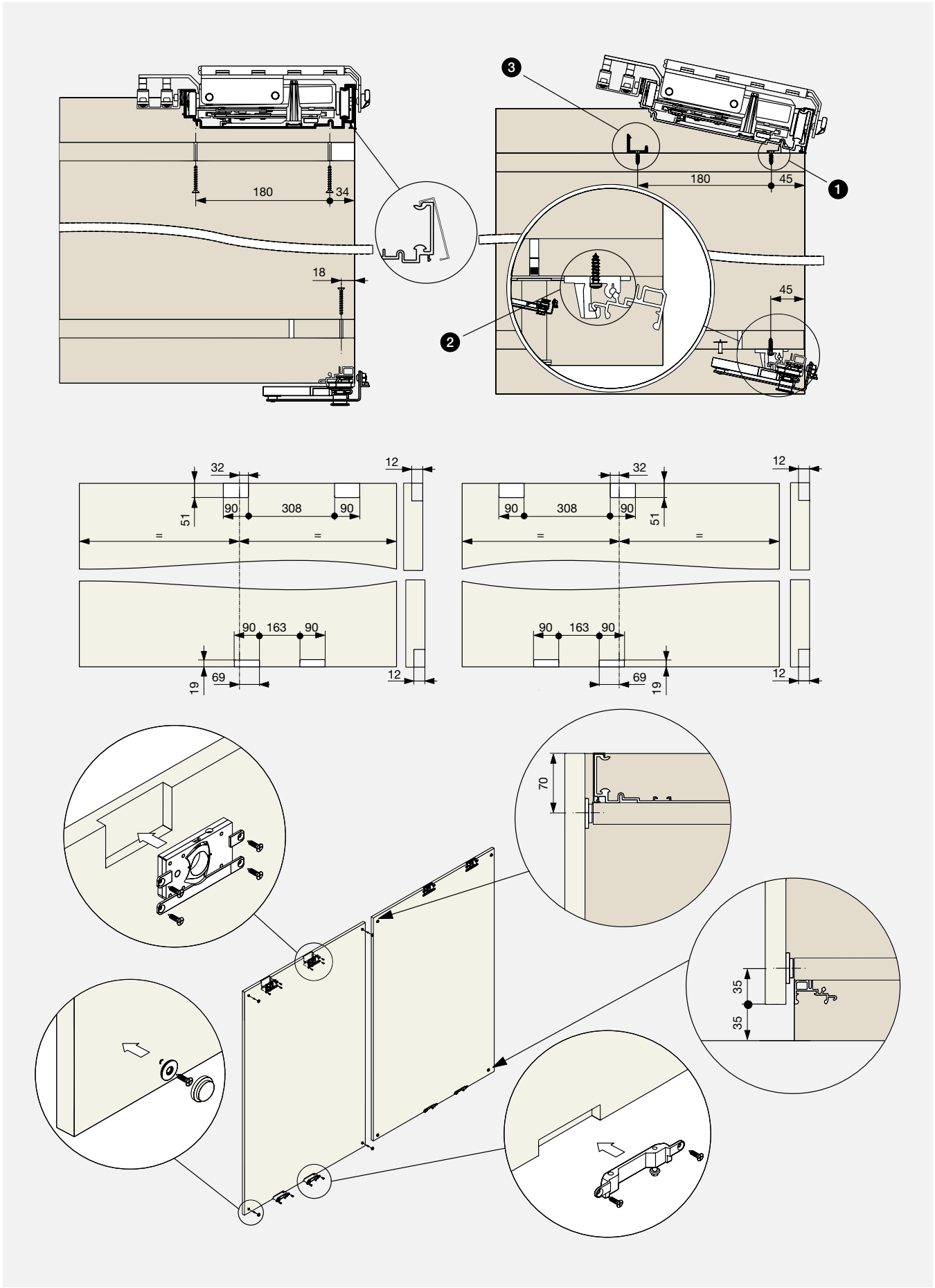
ⓘ **F004807** Installation adaptors

- Fittings for left and right doors must be ordered separately
- Installation adapters are necessary for surface mounting [without milling]



Type	Code
Left door [set]	**F004805**
Right door [set]	**F004806**
Surface adaptors [set]*	**F004807**

* For each door need to be ordered one set.


180
34
18
3
180
45
1
45
2
32
12
90
308
90
51
=
=
90
163
90
19
69
12
32
12
90
308
90
51
=
=
90
163
90
69
19
12
70
35
35

● Cinetto PS40 Rails



ⓘ **F004809**

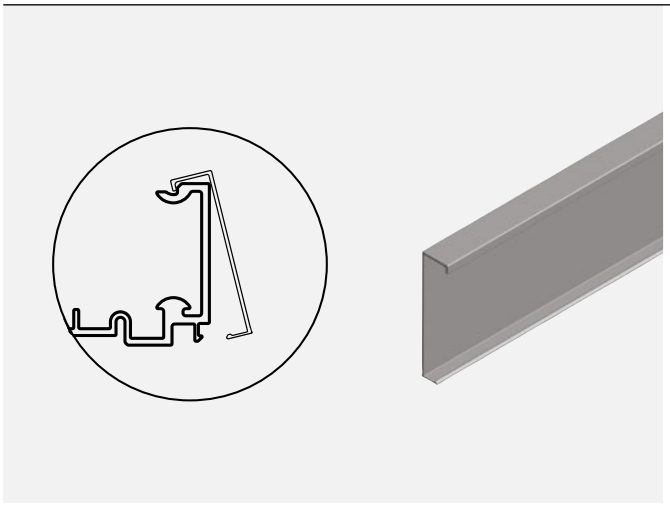


ⓘ **F004812**

- Brushed silver anodised

Length [mm]	Upper rail	Bottom rail
2000	**F004809**	**F004812**
3000	**F004810**	**F004813**
3850	**F004811**	**F004814**

● Cinetto PS40 Cover Profile



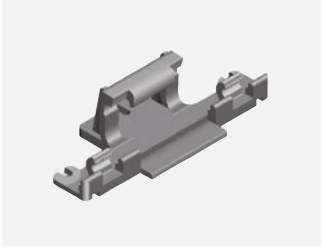
- Brushed silver anodised
- See drawing p. 12.6

Length [mm]	Code
2000	**F004808**

● Cinetto PS40 Quick Assembling



ⓘ **F004815**



ⓘ **F004817**

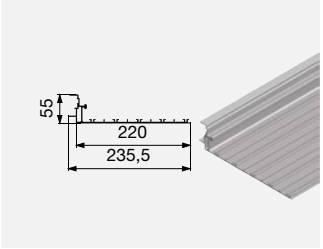


ⓘ **F004816**

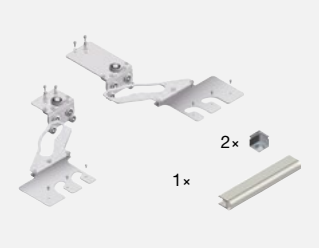
- Clips for faster installation, ensure position of rails
- Not mandatory, recommended for pre installed using, 2 pcs of each type
- See drawing p. 12.6

Type	Code
Upper rail clip – front	**F004815**
Upper rail clip – rear	**F004816**
Bottom rail clip	**F004817**

● Cinetto PS40 B-moved Electrically Opening Doors



❶ **F004818**



❷ **F004819**

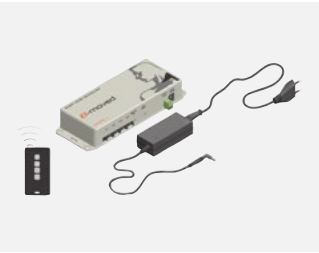
- B-moved Electric system for opening and closing of the doors
- Standard version needs touch pulse to open / close door or use included remote control

To have functional set need to be ordered:

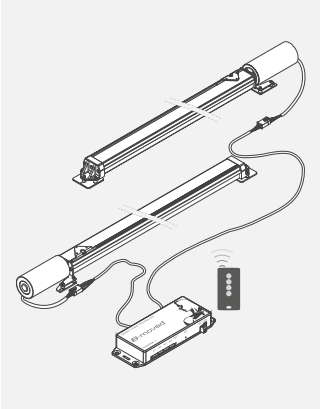
- Upper profile [1×] + brackets [1×] + linear motors [2×] + unit control [1×]
- A separate linear motor for each door according to door width must be ordered
- Can be additionally extended with touchless wave sensor



❸ **F004820**



❹ **F004822**



Linear motors connected with unit control

	Type	Code
❶	Upper profile 3000 mm	**F004818**
❷	Set of brackets	**F004819**
❸	Linear motor, door width 888–1296 mm	**F004820**
	Linear motor, door width 1154–1800 mm	**F004821**
❹	Electronic unit control with remote control	**F004822**

● Cinetto PS40 Wave Sensor Extension



ⓘ **F004823**



ⓘ **F004825**

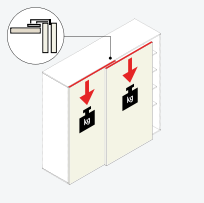
- Enhancement of B-moved electrically operated doors by touch-free function
- Opened by waving in front of the sensor
- Wave sensor can be installed up to 10 m from receiver
- Wireless connection allows installation outside of cabinet
- Wave sensor works through a maximum of 10mm thick material, excluding metallic or conductive material, such as a mirror
- Cable with connector is designed for connection B-moved unit control [**F004822**] with external switch [Smart home switch device]. Impulse around 0.5 second is needed to open / close the door



ⓘ **F004824**

Type	Code
Receiver unit for wave sensor	**F004823**
Wave sensor with assembling accessory	**F004825**
Cable for auxiliary control input	**F004824**

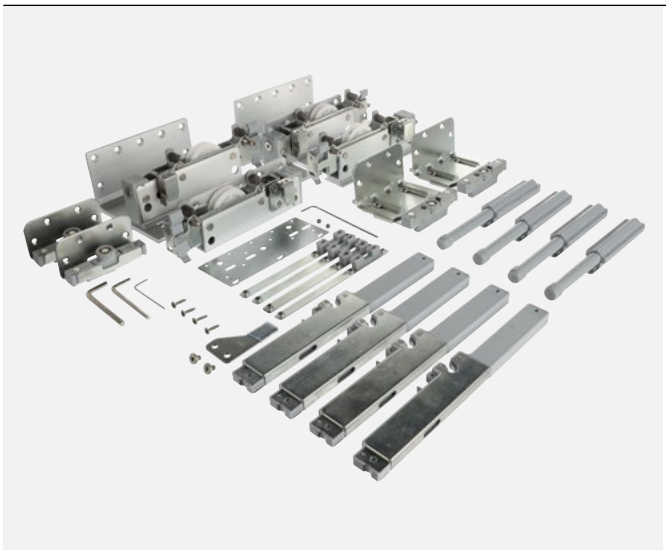
Riex ES80





- High quality overlap sliding system
- Tested for 60.000 cycles
- System for wardrobe, bigger cabinet with sliding doors
- Hidden rails [when closed]
- Full soft-close
- 8 pcs of dampers [up and down] allows even narrow door
- Smooth and silent function
- Easy installation, include template
- Load capacity 80 kg per door

Riex ES80 Overlap Sliding System



ⓘ Fittings [2 door version]

- Set of fittings
- For 3 doors set we recommend to add middle damper

Set	Code
2 doors	F003335
3 doors	F003336

Riex ES80 Middle Damper with Anticollision

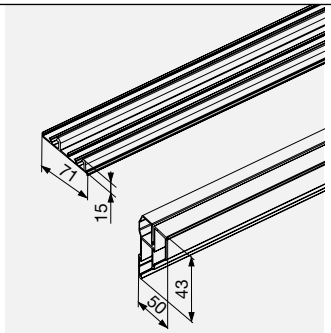


- Recommended for 3 door set
- Central damper holds the door in middle position
- Opening to both sides
- Anticollision system protect doors on the same rail against collision, helps with partial opening without a crash

Type	Code
Middle damper	F003337

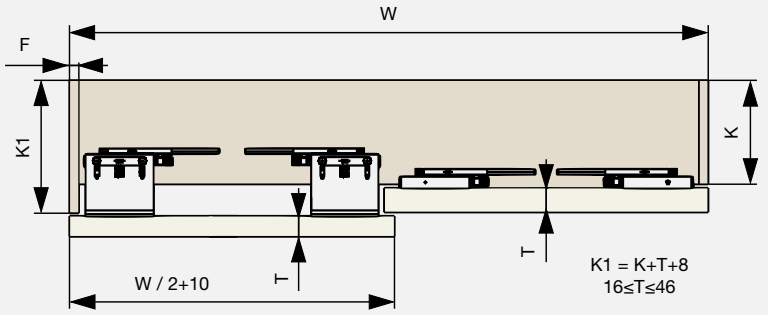
Riex ES80 Set Upper and Bottom Rails

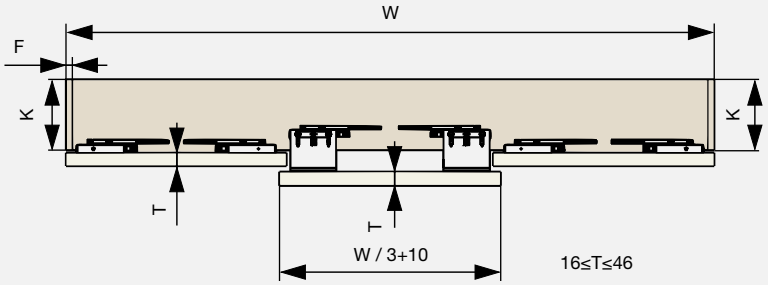


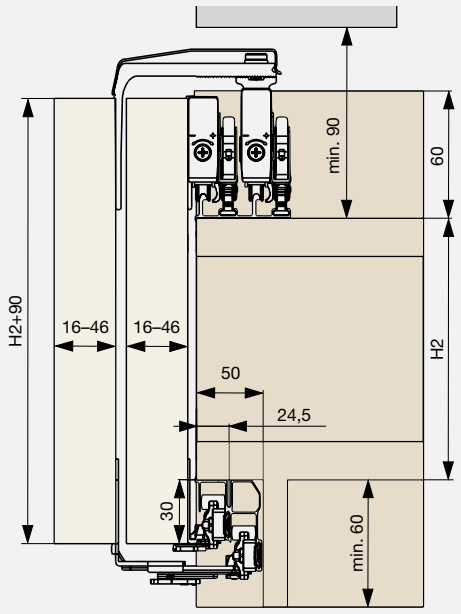


- Silver anodised
- One code includes upper and bottom profile

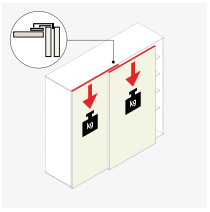
Length [mm]	Code
2000	**F003338**
3000	**F003339**
4000	**F003340**

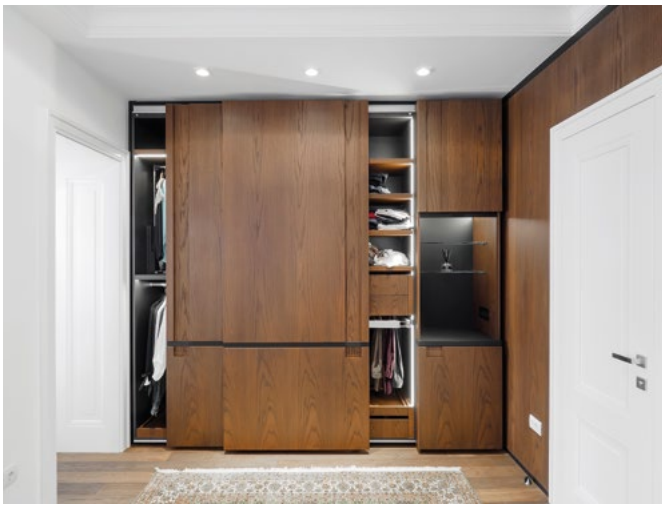






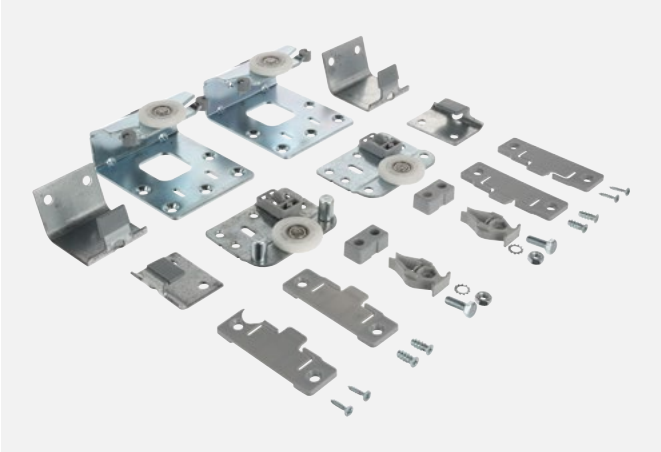
Riex ES70





- Overlap sliding system
- System for wardrobe, cabinet with sliding doors
- Hidden rails [when closed]
- Available soft-close
- Load capacity 50 kg per door

Riex ES70 Overlap Sliding System



ⓘ Fittings [2 door version]



ⓘ Set of soft-close [2 door version]

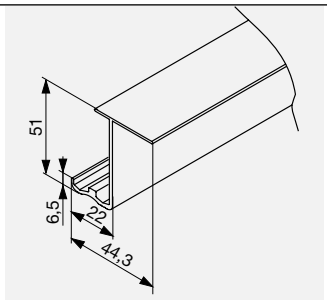
Set for	Set of fittings [non soft-close]	Soft-close mechanism [set]*
2 doors	F003406	F003408
3 doors	F003407	F003409

* Set includes dampers for one side damping [2 pcs for 2 doors and 3 pcs for 3 doors].

Riex ES70 Rails

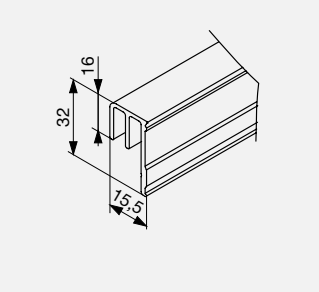


ⓘ Upper rail

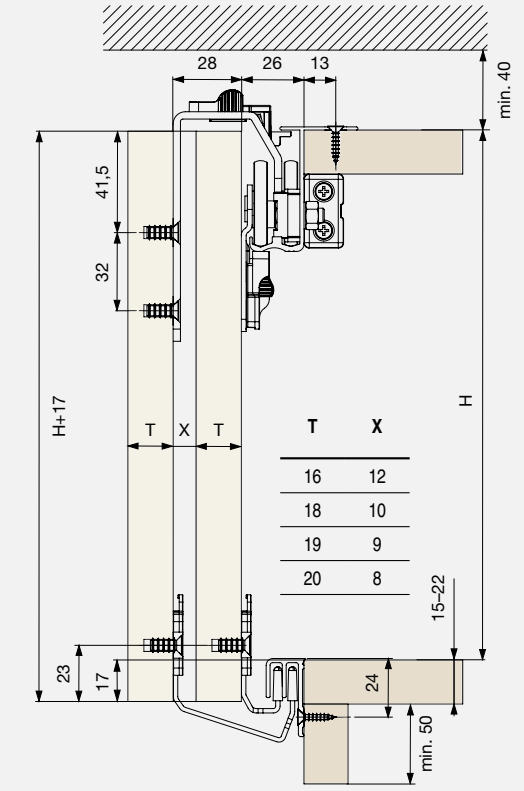




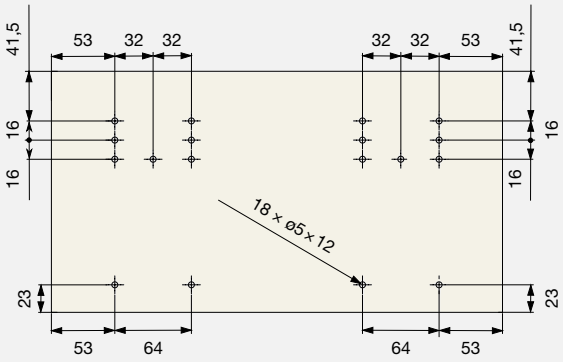
ⓘ Bottom rail

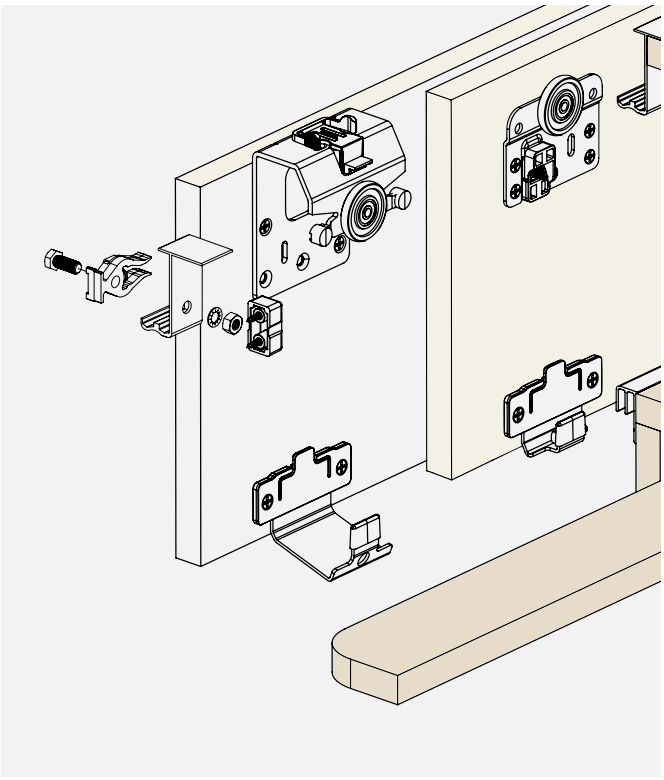


Length [mm]	Upper rail	Bottom rail
2000	F003410	F003412
3000	F003411	F003413

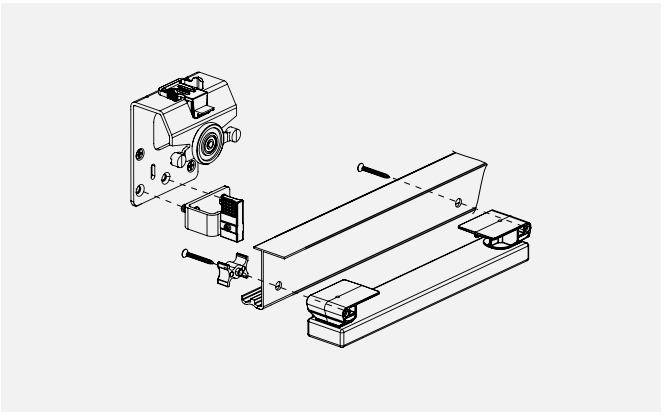


T	X
16	12
18	10
19	9
20	8

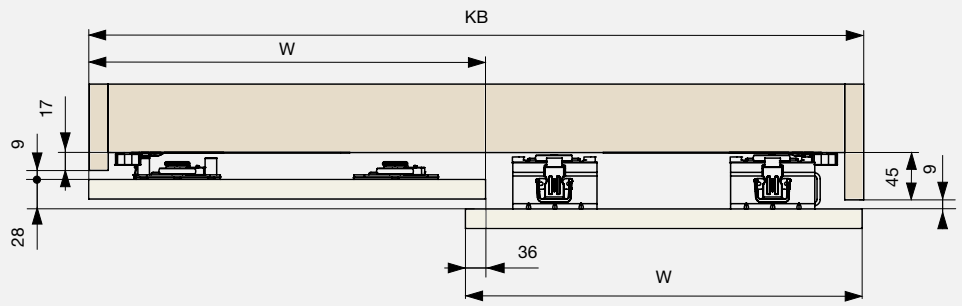




ⓘ Without soft closing

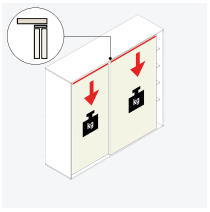


ⓘ Soft closing installation



W = [KB+36] / 2

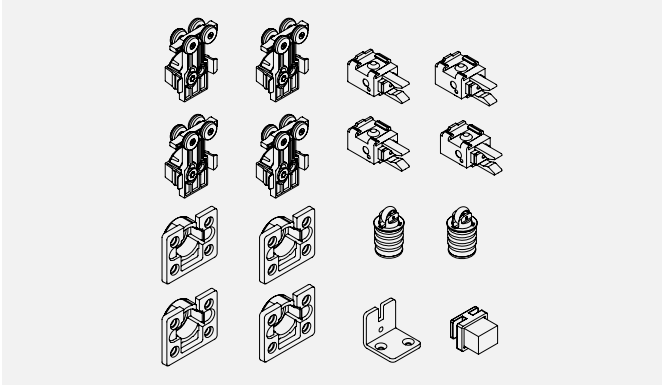
Hawa Clipo





- Fitting for top-running wooden doors
- Load capacity 36 kg per door
- Groove mounted running track

● Hawa Clipo 36 H IS

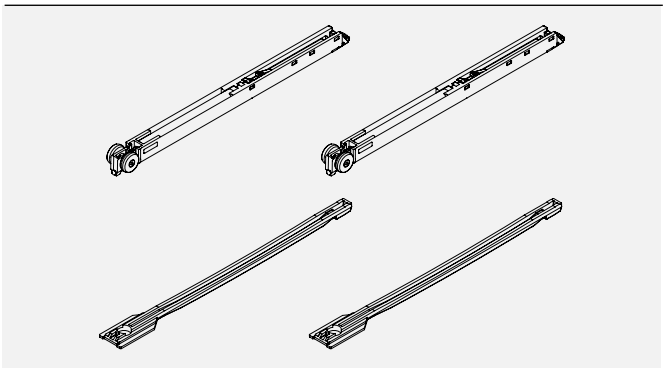


ⓘ Fittings [2 door version]

- Set of fittings without soft-close

Set	Code
2 doors	F004762
3 doors	F004763

● Hawa Clipo 36 H IS Soft-Close

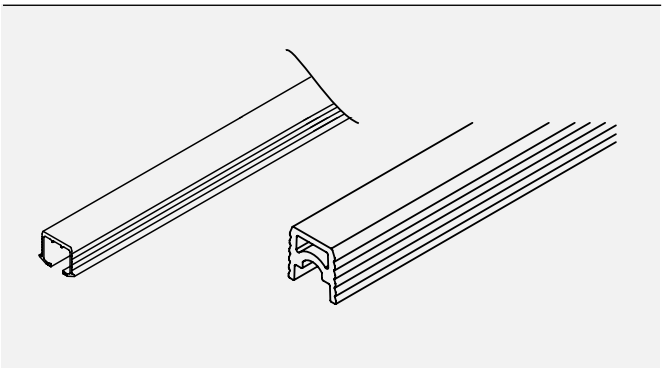


- Set consists 2 pcs [1 side damping]

Minimum width of door:
- 1 side damping 420 mm
- 2 sides damping 620 mm

Soft-close for weight [kg]	Code
15	F004764
26	F004765
40	F004766

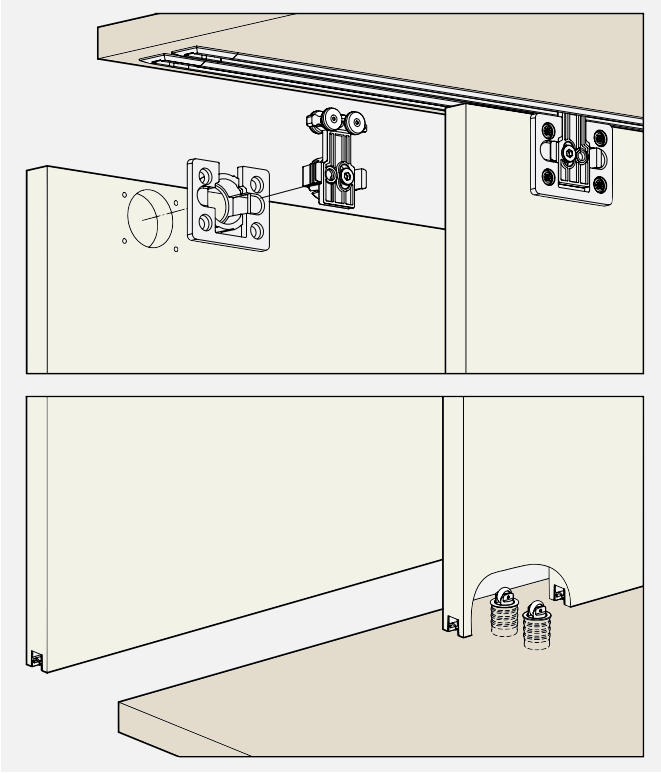
● Hawa Clipo 36 H IS Rails

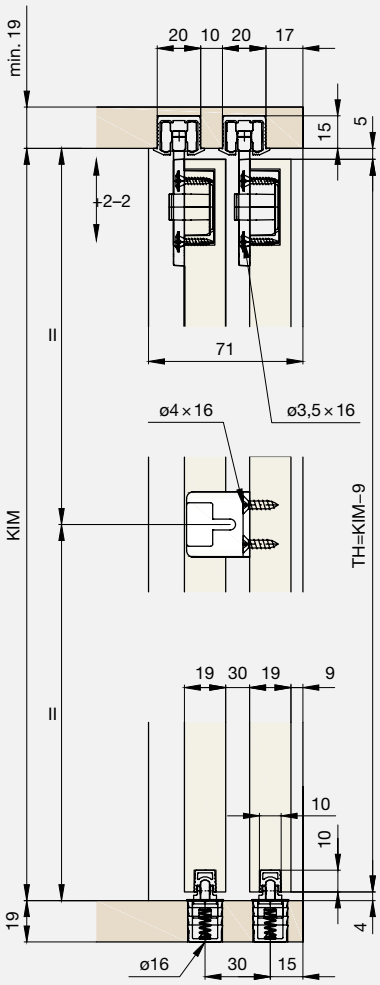


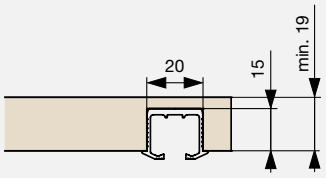
- Silver anodised [Upper rail]
- Grey plastic [Bottom profile]
- For glue fixing

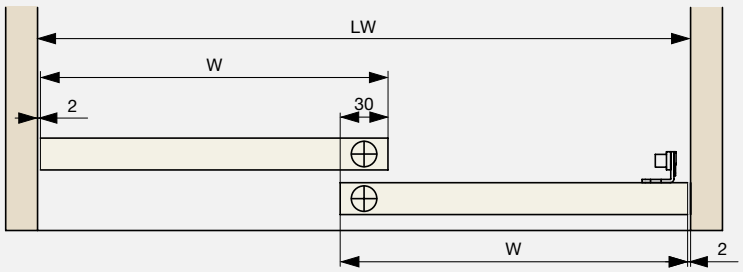
Recommended glue:
- Hranipur 05
- Hranipur SPEED

Length [mm]	Upper rail	Bottom profile
2500	F004767	F005574
3500	F004768	F005575

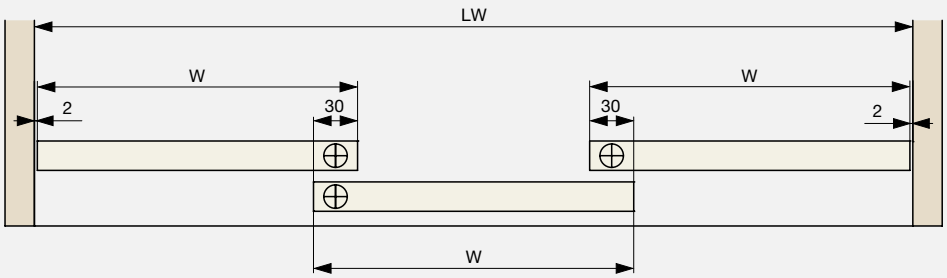






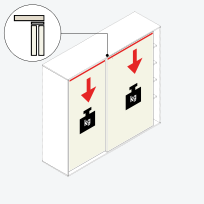


W = [LW + 26] / 2



W = [LW +56] / 3

Riex ES45





- System for smaller cabinet
- Full soft-close
- Smooth and silent function
- Load capacity 15 kg per door

Riex ES45
Sliding System for Wooden / Glass Door



ⓘ Set for wooden door

- Set includes fitting for 1 door with 2 dampers
- Dampers are installed in rail [hidden]
- Minimum width of door 520 mm



ⓘ Set for glass door

Material of door	Code
Wood	**F003359**
Glass [5 mm]	**F003360**

Riex ES45
Profiles

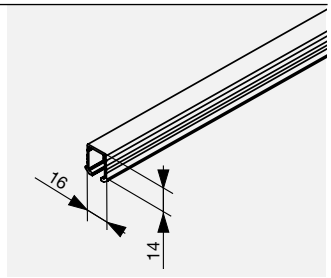
- Length 2000 mm
- Silver anodised

Recommended glue:
- Hranipur 05
- Hranipur SPEED

Material of door	Type of rail	Type of profile	Code
Wood	Single	Upper	**F003361**
		Bottom	**F003367**
	Double	Upper	**F003363**
		Bottom	**2× F003367**
Glass	Single	Upper	**F003361**
	Double	Upper	**F003365**

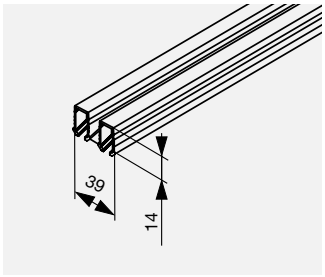
Riex ES45
Upper Rail for Wooden Door





F003361

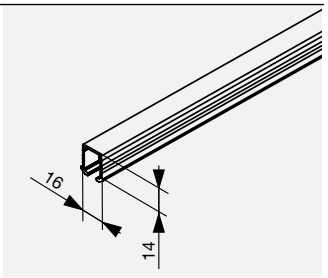




F003363

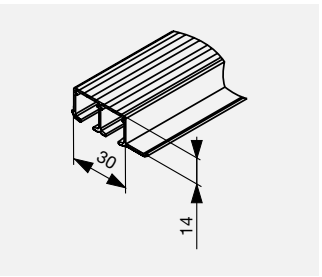
Riex ES45
Upper Rail for Glass Door





F003361

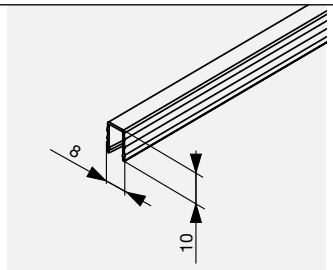


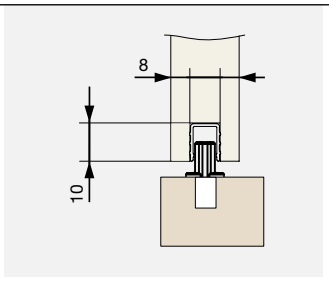


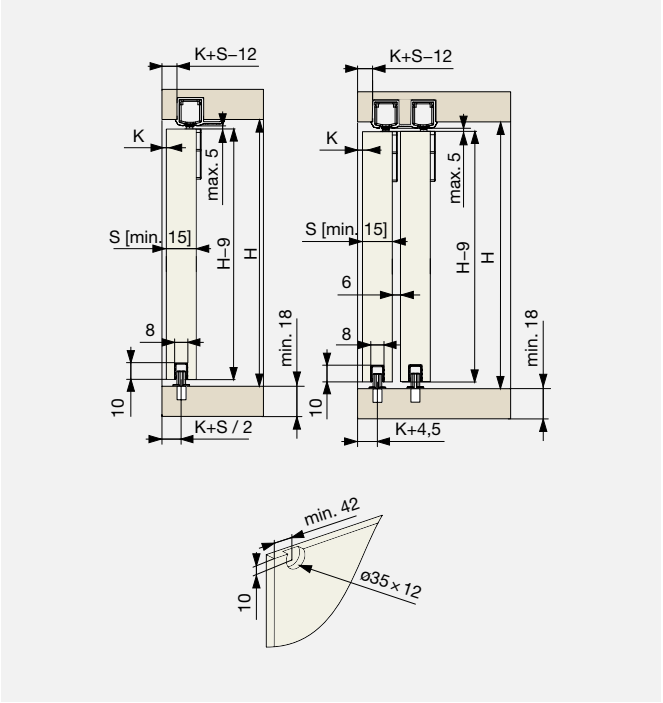
F003365

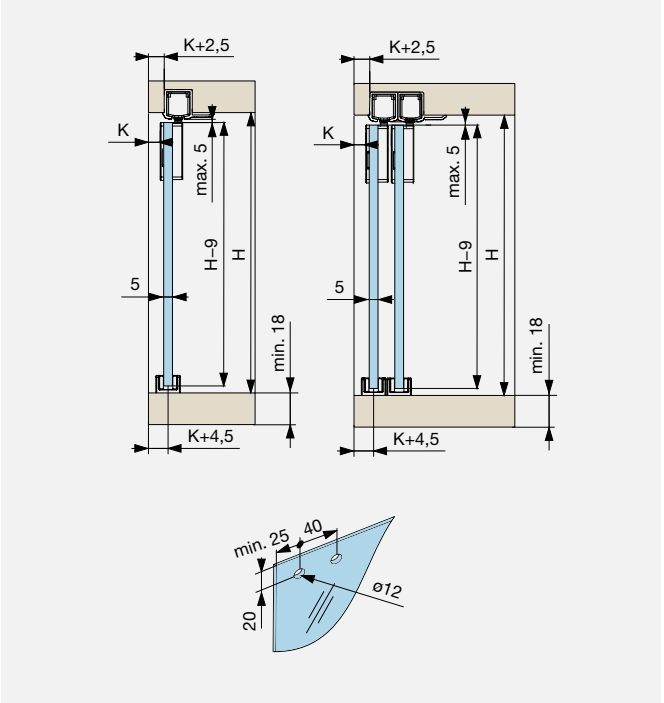
Riex ES45
Bottom Profile for Wooden Door









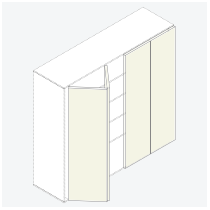


CONTENT

Folding Furniture Doors – Top Load

- Folding doors use rails to hold the weight of the door

Cinetto PS23





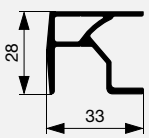
- Set for folding doors does not include central hinges, the number should be the same as side hinges
- Bottom slider is recommended for high door
- Load capacity 25 kg per door

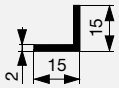
● Cinetto PS23 Set of Fittings for 2 Doors



	Code
Left side opening	**F004795**
Right side opening	**F004796**

● Cinetto PS23 Profiles





Length [mm]	Upper profile	Bottom profile*
2000	**F004801**	**F004803**
3000	**F004802**	**F004804**

* Bottom profile is recommended for high door to ensure stability.

● Acessories



ⓘ **F004797**



ⓘ **F004798**



ⓘ **F004799**

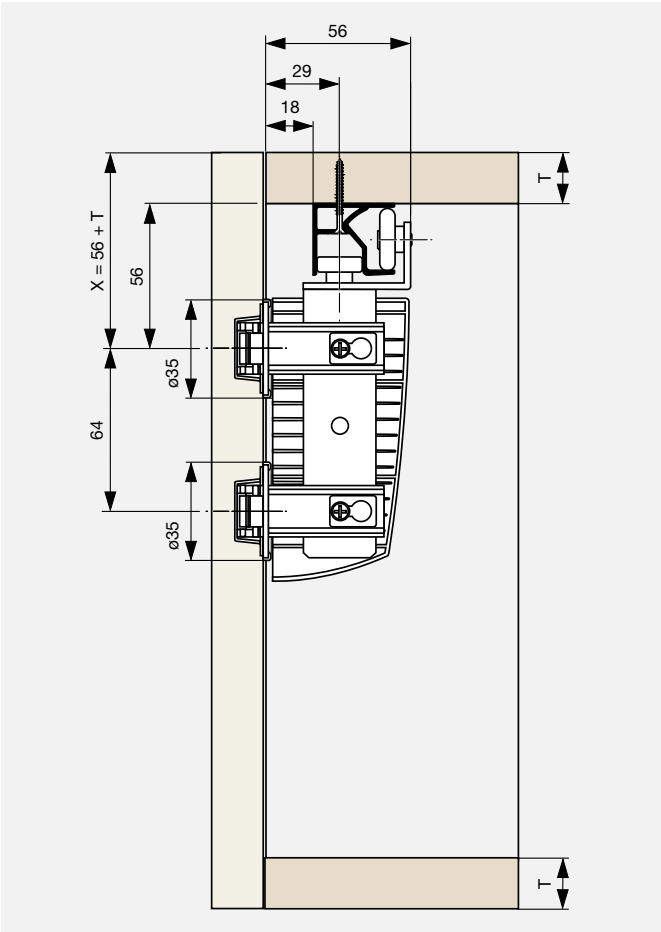


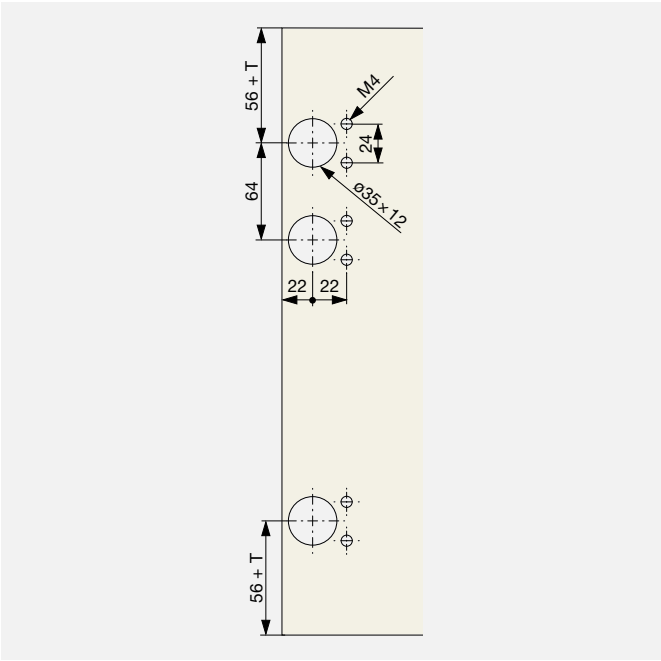
ⓘ **F004800**

- Use the same quantity of central hinges as side hinges

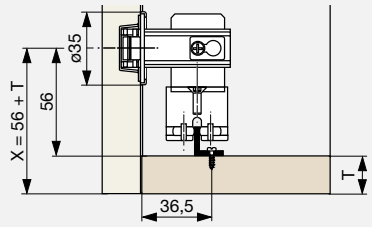
Type	Code
Plastic cover for wheel	**F004797**
Central hinge asymetrical	**F004798**
Central hinge adjustable	**F004799**
Bottom slider*	**F004800**

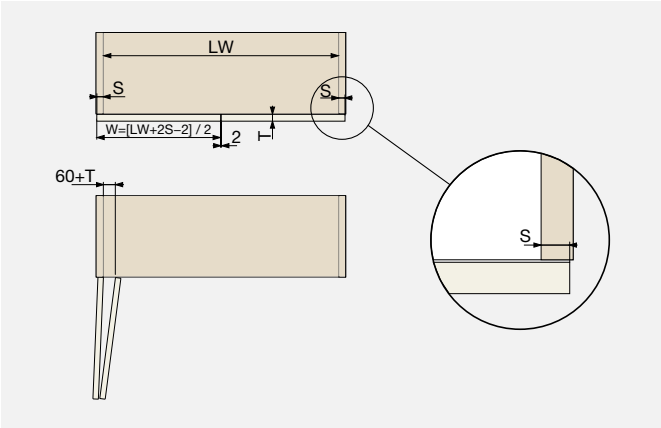
*** Bottom slider is recommended for higher door [over about 2300 mm].**

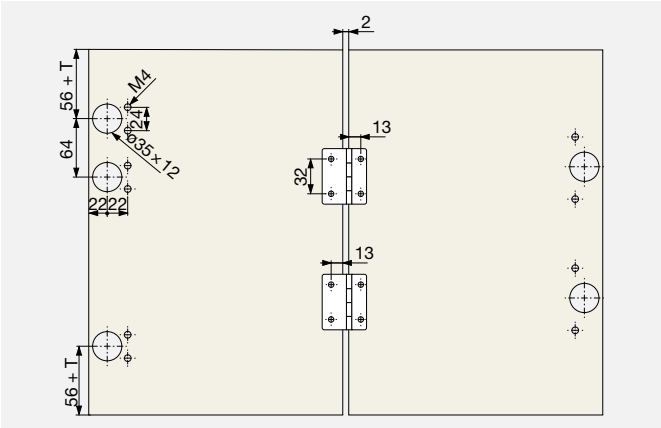




Bottom slider
– optional







Flush Pivot and Folding Pocket Doors

- Hawa – high quality furniture fittings from Swiss producer
- Ideal for home office, living rooms with kitchen, design places
- Covering working area in moment
- Concepta [one door solution] can be combined with Folding Concepta [two folding doors]



Hawa Concepta and Folding Concepta Family

- Alternative option for covering



PARTIAL – COVERING UPPER PART ONLY

- One door or folding doors available
- Left Folding Concepta for height 1250–1850 in combination with Concepta 25

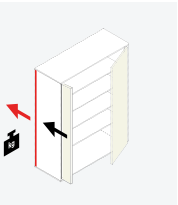


FULL COVERING

- One door, folding or combination
- Left Folding Concepta for height 1850–2600 in combination with Concepta 35*

* Concepta 35 has maximum height 2700 mm, for higher application use Concepta 50.

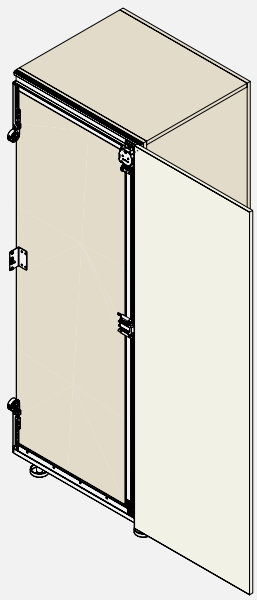
Hawa Concepta III

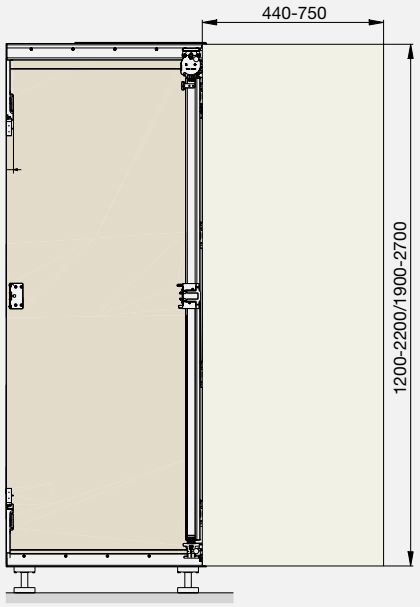




- Inovative system to hide door to pocket
- Easier installation thanks to high degree of pre-assembly, intuitive adjustment with easily accessible adjustment points
- Opening and closing with very little effort – even by one hand
- Variable door dimensions: half-height to floor-to-ceiling solutions possible, including walk-in solutions
- Efficient planning with the Hawa Concepta III configuration tool
- Tested for 40,000 cycles [highest class] and maintenance – free for the entire service life [equivalent to approx. 25 years and the average service life of a pivot/ slide-in door]
- Fulfils the DIN EN 15706 standard

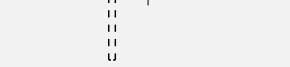
● Hawa Concepta III



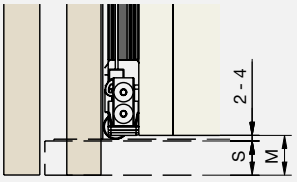


Dimensions:
Height: 1200–2700 mm
Width of door: 440–750 mm
Weight of door: 6–25 kg
Door thickness: 18–26 mm

Installation videos:



Left installation

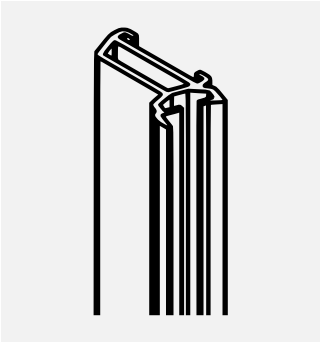


Door flush with outer face.
Add space for handle for pull installation.

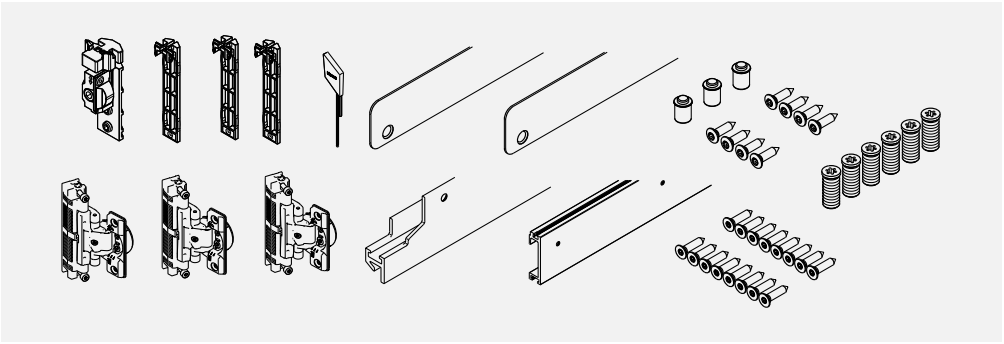
T1 = min 414
T1 = TB + 95 - M
M [min] = S + 3
M [max] = TB - 320

Hawa Concepta III Fittings

Functional set consist from 3 parts:
1. Upright profile – according cabinet height
2. Basic mechanism – choose the correct height and direction of opening
3. Opening mechanism – pull by handle or push to open

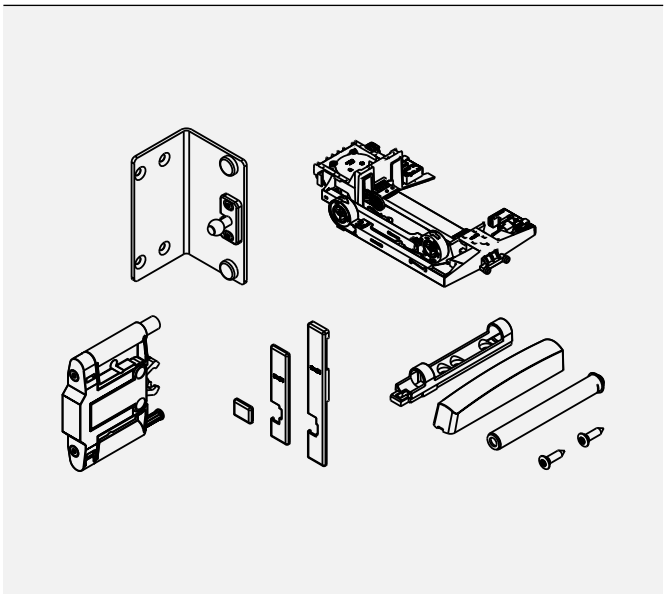


ⓘ Upright profile
F010314 / F010315



ⓘ Basic set – **F010316 / F010317 / F010318 / F010319**

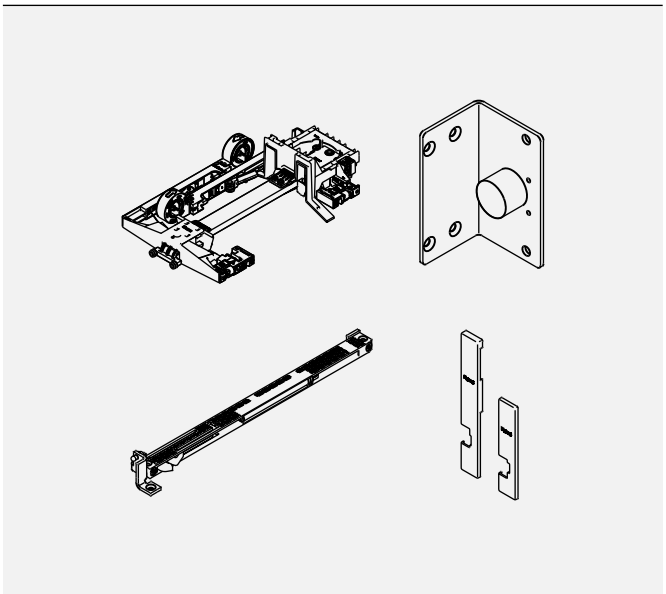
● Push for Open [Handle less]



• Push for open slide in set – **F010320 / F010321**

Height [mm] Capacity [kg]	Side	Push slide in set		Basic set		Upright profile
1200–2200 mm 6–25 kg	Left	**F010320**	+	**F010316**	+	**F010315**
	Right	**F010321**	+	**F010317**		
1900–2700 mm 10–35 kg	Left	**F010320**	+	**F010318**	+	**F010314**
	Right	**F010321**	+	**F010319**		

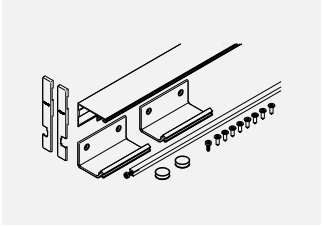
● Pull Opening by Handle



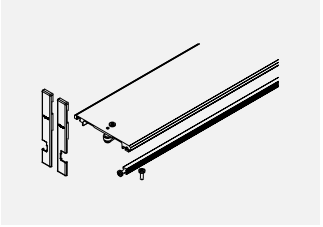
• Pull slide in set – **F010322 / F010323**

Height [mm] Capacity [kg]	Side	Pull slide in set		Basic set		Upright profile
1200–2200 mm 6–25 kg	Left	**F010322**	+	**F010316**	+	**F010315**
	Right	**F010323**	+	**F010317**		
1900–2700 mm 10–35 kg	Left	**F010322**	+	**F010318**	+	**F010314**
	Right	**F010323**	+	**F010319**		

● Hawa Concepta III Accessories

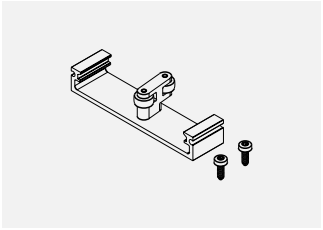


ⓘ **F010324**

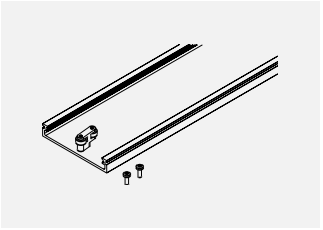


ⓘ **F010325**

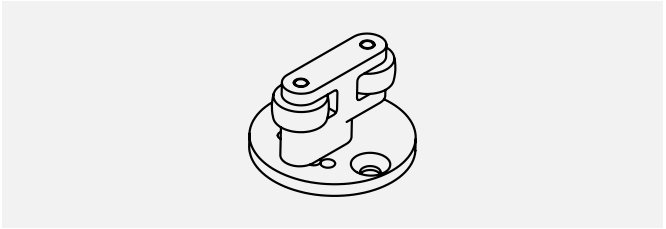
- Connecting profile to the external side or cabinet body
- Straightening fittings – see p. 12.73



ⓘ **F010326**

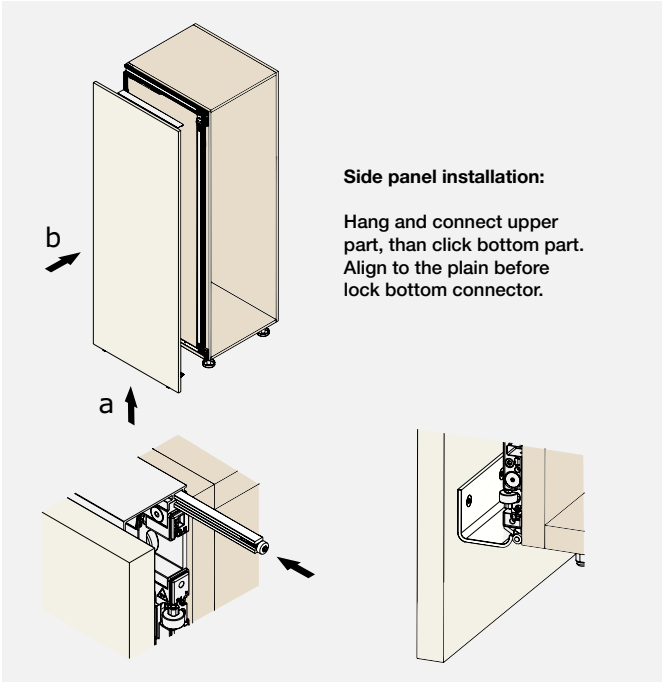


ⓘ **F010327**



ⓘ **F007499**

Type	Code
Connector set 55 mm, for exterior connection to cabinet	**F010324**
Connector top 110 mm, for two pivot / slide-in doors	**F010325**
Connector bottom 110 mm, for two pivot / slide-in doors	**F010327**
Connector bottom 110 mm for two pivot / slide-in doors [in front of fixed plinth]	**F010326**
Guide for two inset pivot sliding doors	**F007499**

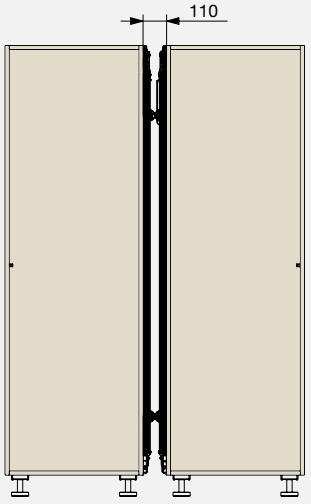


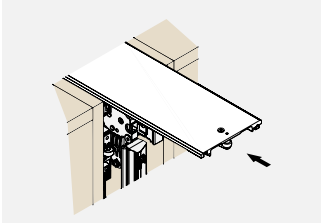
Side panel installation:

Hang and connect upper part, than click bottom part. Align to the plain before lock bottom connector.

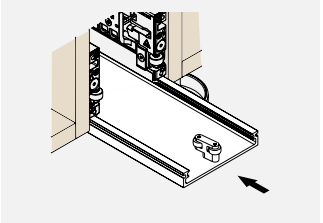
ⓘ **F010324**

Connectors 110 mm for two cabinets.
In case of using fixed plinth instead of legs use connector **F010326.**

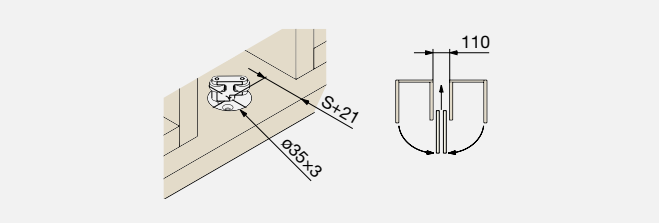




ⓘ **F010325**



ⓘ **F010327**



ⓘ **F007499**

Weight and door size ratio calculations

- The maximum weight must be adapted depending on the door size ratio

Hawa Concepta III [capacity 35 kg]

Height [mm]	Width [mm]						
	440	500	550	600	650	700	750
2700	35	35	35	35	35	35	35
2650	35	35	35	35	35	35	35
2600	35	35	35	35	35	35	35
2550	35	35	35	35	35	35	35
2500	35	35	35	35	35	35	35
2450	35	35	35	35	35	35	34
2400	35	35	35	35	35	35	33
2350	35	35	35	35	35	34	32
2300	35	35	35	35	35	34	31
2250	35	35	35	35	35	33	31

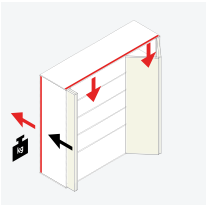
Weight according height 25 kg to 2200 mm

Height [mm]	Width [mm]						
	440	500	550	600	650	700	750
2200	25 / 35	25 / 35	25 / 35	25 / 35	25 / 34	25 / 32	24 / 30
2150	25 / 35	25 / 35	25 / 35	25 / 35	25 / 33	25 / 31	23 / 29
2100	25 / 35	25 / 35	25 / 35	25 / 35	25 / 32	24 / 30	23 / 28
2050	25 / 35	25 / 35	25 / 35	25 / 34	25 / 31	24 / 29	22 / 27
2000	25 / 35	25 / 35	25 / 35	25 / 33	25 / 30	23 / 28	21 / 26
1950	25 / 35	25 / 35	25 / 35	25 / 32	24 / 29	22 / 27	21 / 26

Hawa Concepta III [capacity 25 kg]

Height [mm]	Width [mm]						
	440	500	550	600	650	700	750
1900	25	25	25	25	23	21	20
1850	25	25	25	24	22	21	19
1800	25	25	25	23	21	20	19
1750	25	25	25	22	21	19	18
1700	25	25	24	22	20	19	17
1650	25	25	23	21	19	18	17
1600	25	24	22	20	18	17	16
1550	25	23	21	19	18	16	15
1500	24	22	20	18	17	16	15
1450	23	21	19	17	16	15	14
1400	22	20	18	17	15	14	13
1350	21	19	17	16	15	14	13
1300	20	18	16	15	14	13	12
1250	19	17	15	14	13	12	11
1200	18	16	15	13	12	11	11

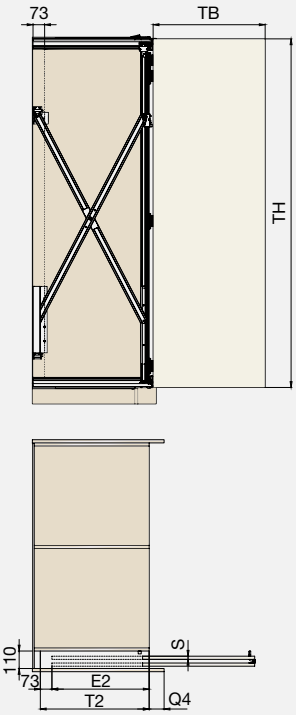
Hawa Folding Concepta



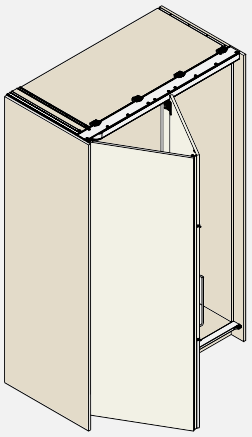


- System for folding door to hide in pocket
- Folding flush-fitting furniture fronts and making them disappear
- Load capacity 25 kg per door
- Set for 2 doors

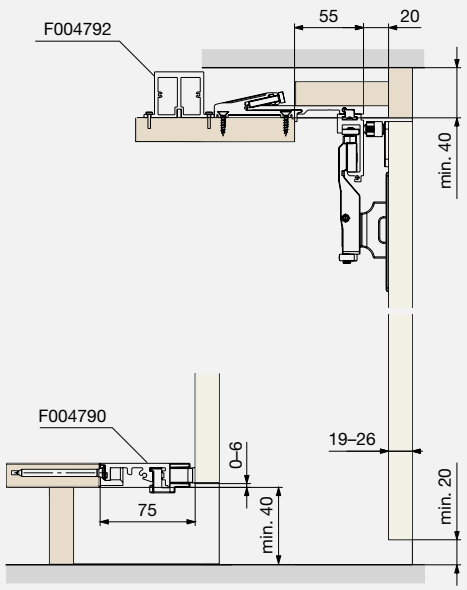
● Hawa Folding Concepta



T2 = TB - Q4 + 73
E2 = T2 - 73
Q4 = S + 75



Installation video:



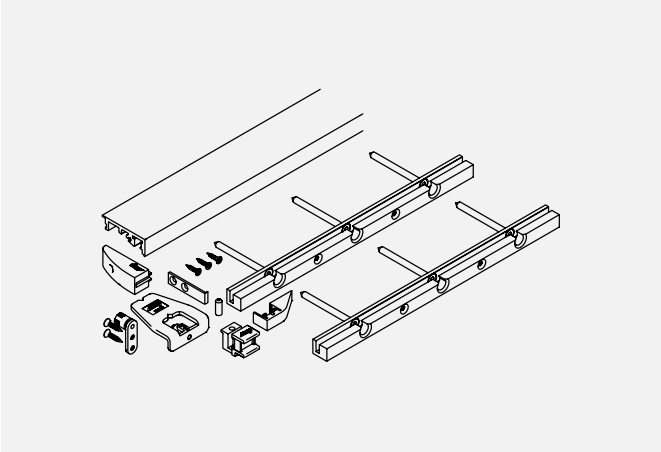
ⓘ Base profile and Reinforcement profile

T2 [mm]	TH [mm]	E2 [mm]
≤ 680	1250–1850	≤ 607
≤ 680	1851–2600	≤ 607

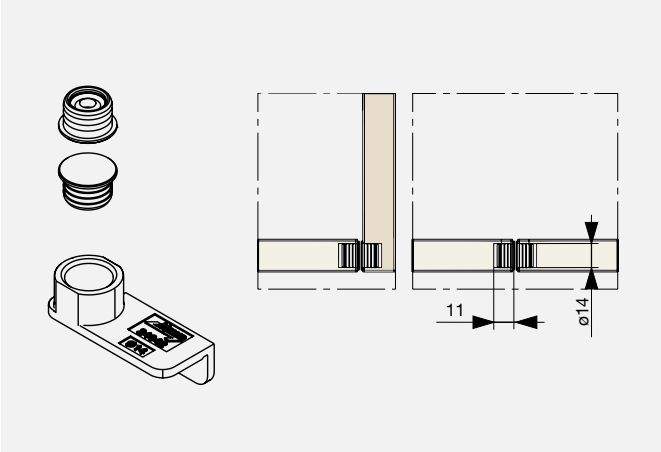
Direction of opening	Height of door TH [mm]	Silver anodised	Black anodised
Left	1250–1850	**F004773**	**F004777**
	1851–2600	**F004775**	**F004779**
Right	1250–1850	**F004774**	**F004778**
	1851–2600	**F004776**	**F004780**

Sliding the wing into the pocket is ensured by hidden wheels. In the case of a distinctive door leaf structure, it is recommended to glue a thin smooth edge to the running point of the trolley to ensure quieter running [back of the door].

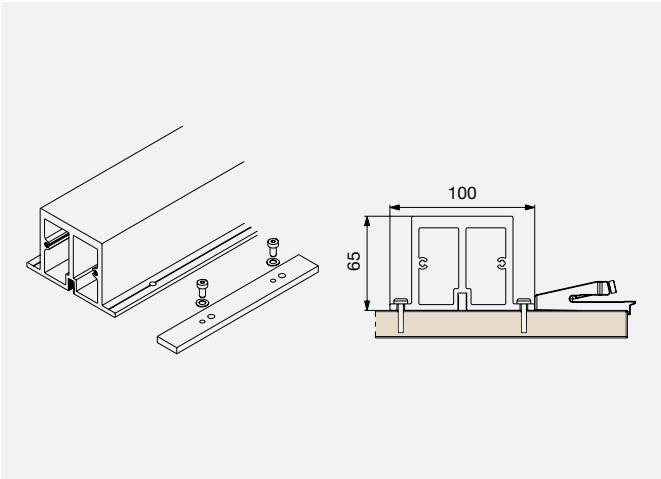
● Accessories for Hawa Folding Concepta



ⓘ **F004790**



ⓘ **F004791**



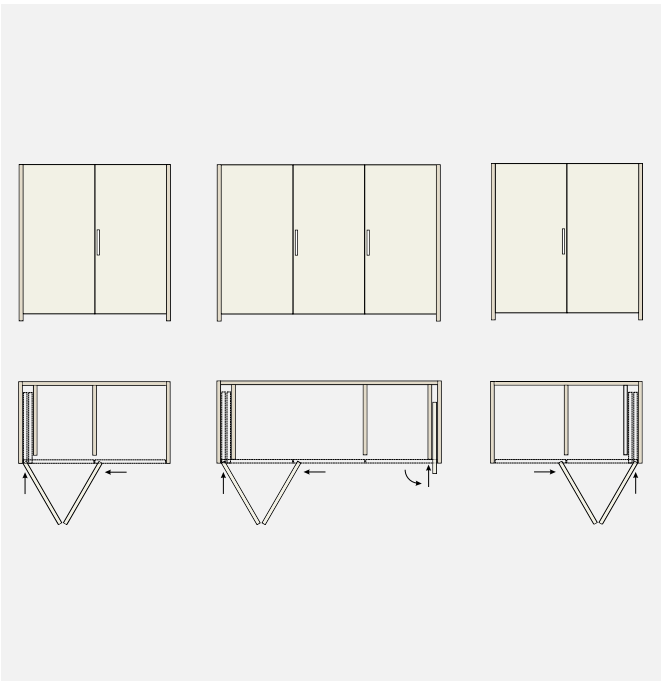
ⓘ **F004792**

Base profile brings the overlaying cabinet front flush into position. Set with accessories, silver anodised.

Magnetic centering parts center doors of walk-in cabinets without a cabinet base or doors on recess design. Set includes drill jig.

Reinforcement profile is recommended for wide cabinets, in combination more doors, especially in case of cabinet without dividers. Set with accessories, silver anodised.

Using Base profile and Reinforcement profile – see picture on p. 12.25.



ⓘ Combination Folding Concepta and Concepta

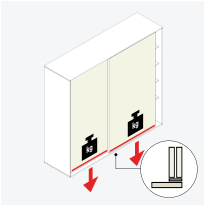
Type	Code
Base profile 1300 mm, [set]	**F004790**
Magnetic centering part, set	**F004791**
Reinforcement profile 2600 mm, set	**F004792**

Furniture Sliding Doors – Bottom Load

- Bottom load allows simpler wardrobe construction
- Weight is on bottom rail, so upper part needn‘t be reinforced



Riex ES40





- Plastic system for small cabinet with sliding doors
- Load capacity 10 kg per door

Riex ES40
Plastic Sliding System – Fittings



● Brown

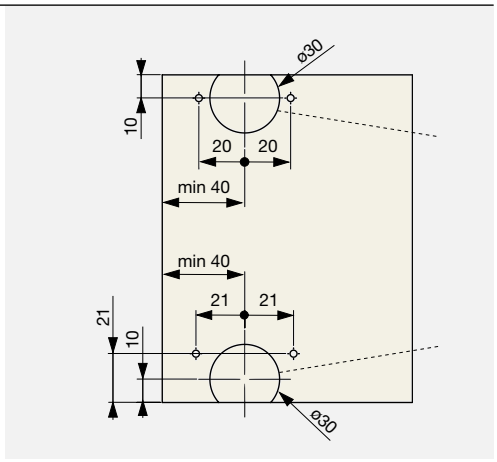


○ White



● Brown

○ White



Type	White	Brown
Upper slider	F003385	F003386
Bottom wheel	F003388	F003389

Riex ES40
Plastic Rails

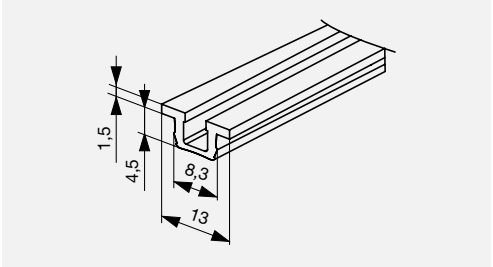


● Brown



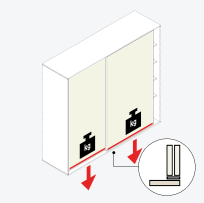
○ White

Recommended glue:
- Hranipur 05
- Hranipur SPEED



Length [mm]	White	Brown
1200	F003391	F003392
2000	F003394	F003395

Riex ES65





- System for wardrobe, bigger cabinet with sliding doors
- Full soft-close [4 pcs of dampers]
- Smooth and silent function
- Installation possible without grooving
- Load capacity 50 kg per door

Riex ES65
Sliding System – Fittings



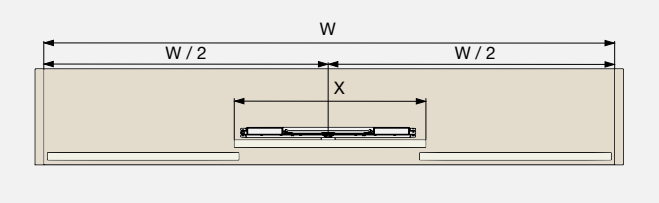
ⓘ **F003368**

- Set includes 4 dampers

Set for	Code
2 doors	**F003368**
3 doors	**F003369**

Riex ES65
Middle Damper



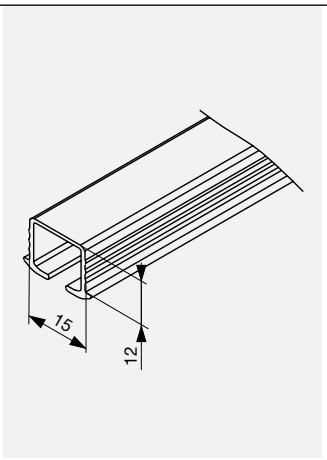


- To use the middle damper the middle door must be installed in back position

Type	Code
Set [damper + catcher]	**F003370**

Riex ES65
Rails





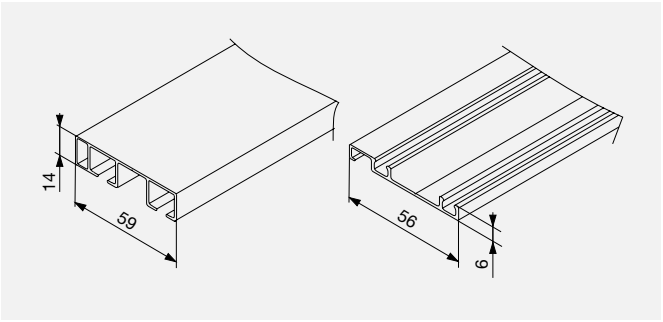
Single rail
- Can be used in upper and bottom position
- Recessed installation
- Silver anodised
- Dampers are hidden inside of rails

Recommended glue:
- Hranipur 05
- Hranipur SPEED

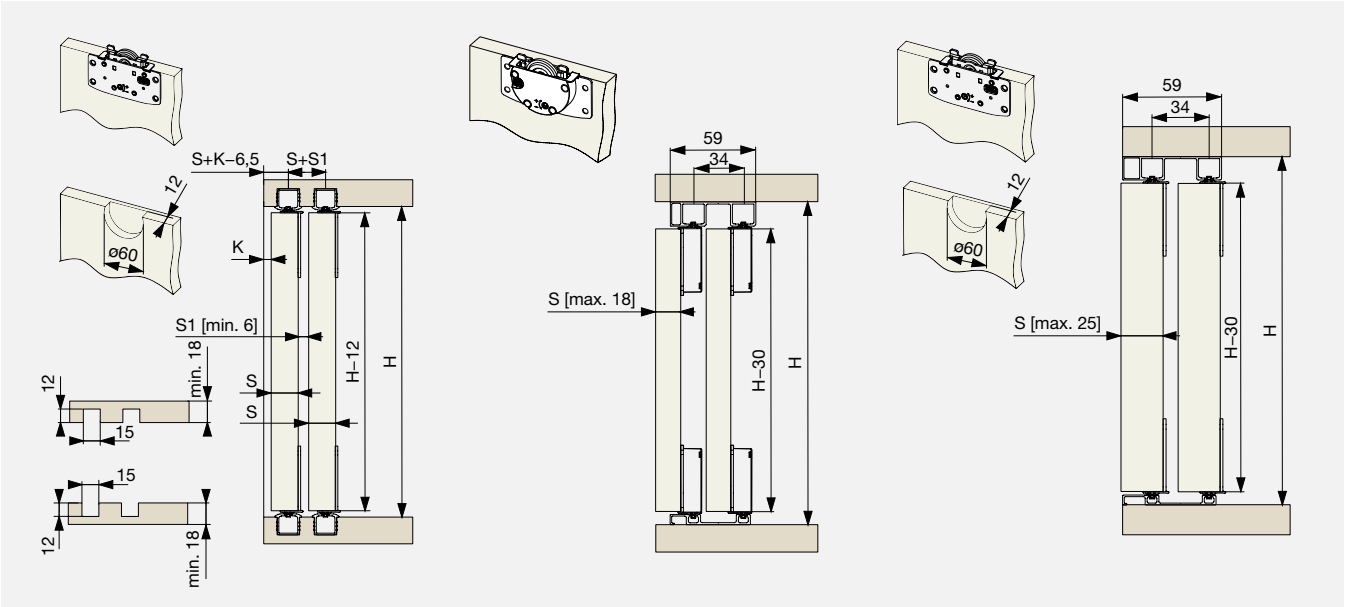
Length [mm]	Code
2000	**F003374**
3000	**F003375**
4000	**F003376**



Double rails
- Set of upper and bottom rails
- Surface installation
- Silver anodised
- Dampers are hidden inside of rails



Length [mm]	Code
2000	**F003371**
3000	**F003372**
4000	**F003373**



Wardrobe system Riex VR30/31



- The Riex VR30/31 is a system for built-in wardrobes designed for simple and quick installation of sliding systems, providing a space-saving solution
- Quality aluminium profiles allow the creation of large doors with lightweight running
- The weight of the door is supported by the bottom rail, which simplifies cabinet construction
- The rail system is uniform for the frameless solution Riex VR30 and the frame solution Riex VR31
- Riex VR30 is a frameless solution for 18 mm boards, with selected handle profiles available for 16 mm and 19 mm boards
- Riex VR31 is a frame solution for 10 mm or 18 mm fillings [or glass fillings]



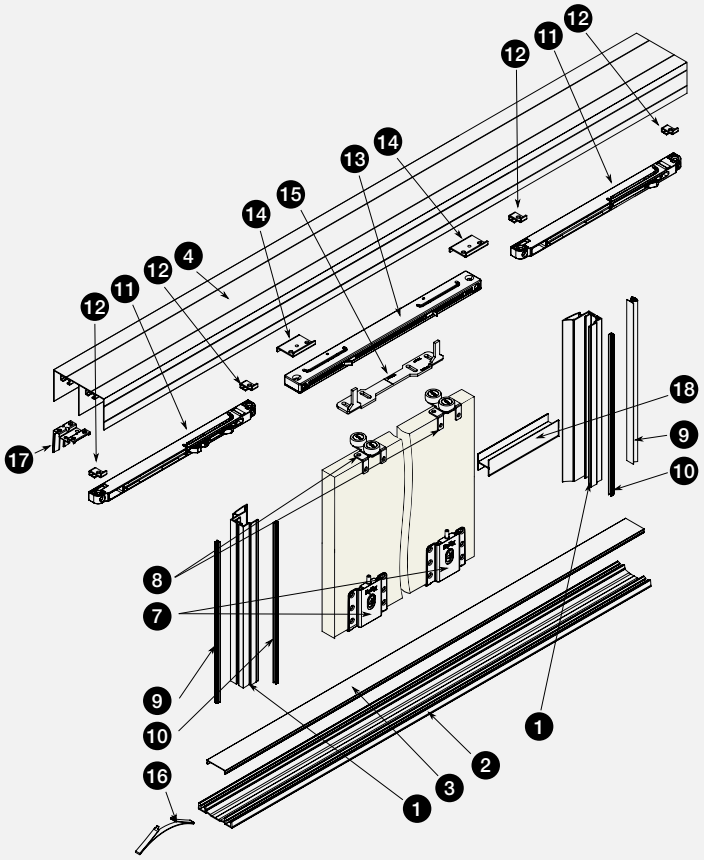


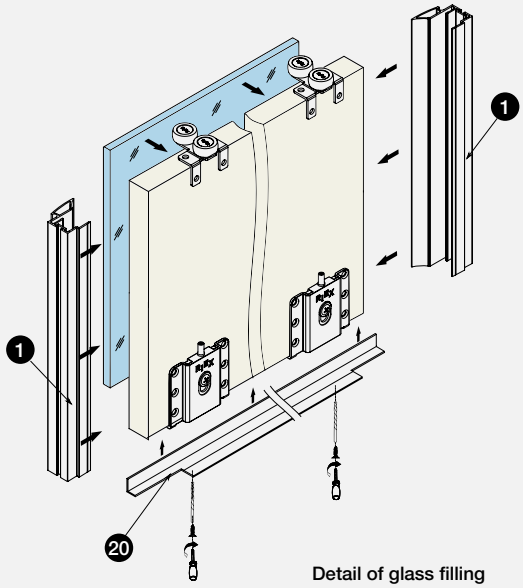


Riex VR30 16–19 mm



- Frameless wardrobe system
- Designed for 18 mm boards, selected for 16 mm and 19 mm boards
- Possible combination with glass 4 mm
- Glass / mirror requires 12 mm thick backing board [selected handle profiles only]
- Easy and quick installation, wheels are screwed on board
- Drilling 35 mm for bottom wheels
- Rails are identical to Riex VR31 [frame system]





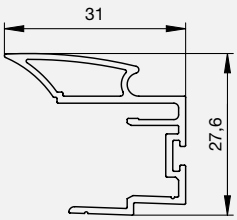
Detail of glass filling [possible for selected profiles only].

System description

❶ Handle profiles – for manipulation with doors, strengthen the door panels, prevent them from bending.
❷ ❸ ❹ Rails – weight of door is on the bottom rail, the upper rail ensures door position. Upper rail is available in two versions: classical and with T-slot, which simplifies the installation of dampers and positioners.
❼ ❽ Wheels – installed on board, bottom wheel require drilling 35 mm.
❾ ❿ Seal and dust brushes – dampen the noise when. the door is closed and prevent entering dust.
⓫ Dampers ensure the soft closing of the doors, must be selected according to the weight of the door.
⓭ Center dampers for 3 door configurations ensure opening to both sides.
⓬ ⓮ Installation kit for dampers set – necessary for the installation of the dampers.
⓯ Activator for damper – universal for side and central dampers, installation in the middle of the door.
⓰ ⓱ Positioners – hold the position of the door in the position, used when dampers are not installed.
⓲ Additional profiles – for dividing the board into more sections.
⓴ L profile is used to secure glass against falling down, can be used as protection and to unify the appearance.

❶ Riex VR30 Handle Profile Asymmetric P01 for 18 mm

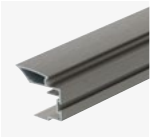




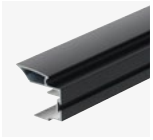
- Boards 18 mm, glass 4 mm
- Glass fillings require backing board 12 mm
- Groove for seal brush 4.8 mm
- Dust brush self adhesive type
- Use secured glass feeling [protective foil or safety glass]

Related items:
- Dust brushes and seals on p. 12.67–12.68
- Wheels on p. 12.38
- Rails and other accessories on p. 12.59–12.60

● Anodised aluminium



● Champagne



● Matt black

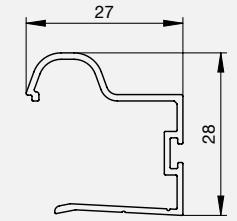


○ Matt white

Length [mm]	Colour	Code
2700	Anodised aluminium	**F007724**
	Champagne	**F007725**
	Matt black	**F007726**
	Matt white	**F007727**

❶ Riex VR30 Handle Profile Asymmetric P02 for 18 mm





- Board 18 mm
- Profile for smaller doors, not recommended for combination with glass
- Groove for seal brush 4.8 mm
- Dust brush self adhesive type

Related items:
- Dust brushes and seals on p. 12.67–12.68
- Wheels on p. 12.38
- Rails and other accessories on p. 12.59–12.60

● Anodised aluminium

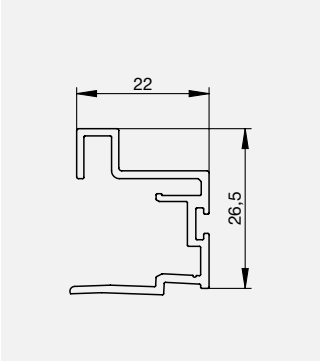


● Champagne

Length [mm]	Colour	Code
2500	Anodised aluminium	**F007732**
	Champagne	**F007733**

❶ Riex VR30 Handle Profile Asymmetric P03 for 18 mm

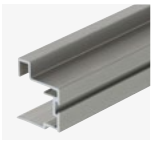




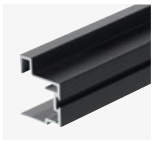
- Board 18 mm, glass 4 mm
- Profile for smaller doors
- Groove for seal brush 4.8 mm
- Dust brush self adhesive type

Related items:
- Dust brushes and seals on p. 12.67–12.68
- Wheels on p. 12.38
- Rails and other accessories on p. 12.59–12.60

● Anodised aluminium



● Champagne



● Matt black

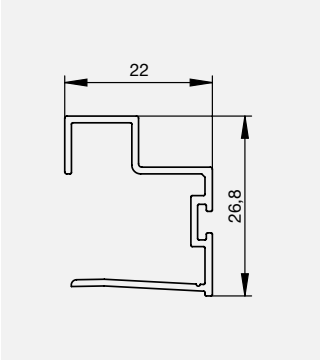


○ Matt white

Length [mm]	Colour	Code
2500	Anodised aluminium	**F007734**
	Champagne	**F007735**
	Matt black	**F007736**
	Matt white	**F007737**

❶ Riex VR30 Handle Profile Asymmetric P04 for 16 mm





- Board 16 mm
- Profile for smaller doors, not recommended for combination with glass
- Groove for seal brush 4.8 mm
- Dust brush self adhesive type

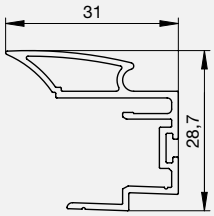
Related items:
- Dust brushes and seals on p. 12.67–12.68
- Wheels on p. 12.38
- Rails and other accessories on p. 12.59–12.60

● Anodised aluminium

Length [mm]	Colour	Code
2200	Anodised aluminium	**F007738**

❶ Riex VR30 Handle Profile Asymmetric P01 for 19 mm

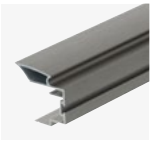




- Boards 19 mm, glass 4 mm
- Groove for seal brush 4.8 mm
- Dust brush self adhesive type

Related items:
- Dust brushes and seals on p. 12.67–12.68
- Wheels on p. 12.38
- Rails and other accessories on p. 12.59–12.60

● Anodised aluminium

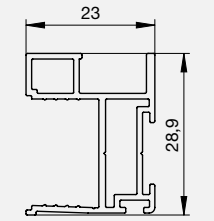


● Champagne

Length [mm]	Colour	Code
2700	Anodised aluminium	F007728
	Champagne	F007729

❶ Riex VR30 Handle Profile Asymmetric P16 for 19 mm





- Boards 19 mm
- Grooves for seal and dust brush

Related items:
- Dust brushes and seals on p. 12.67–12.68
- Wheels on p. 12.38
- Rails and other accessories on p. 12.59–12.60

● Anodised aluminium

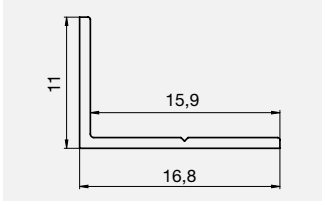


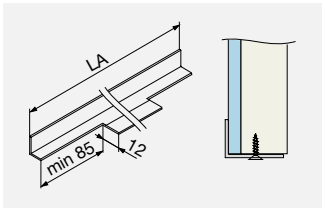
● Champagne

Length [mm]	Colour	Code
2700	Anodised aluminium	F007756
	Champagne	F007757

⑳ Riex VR30 Profile "L"





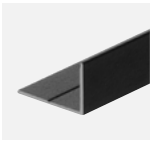


- For edge protection
- Prevent the glass from falling
- Versatile application

● Anodised aluminium



● Champagne

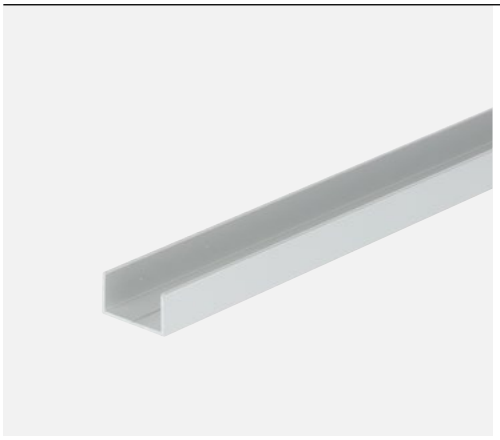


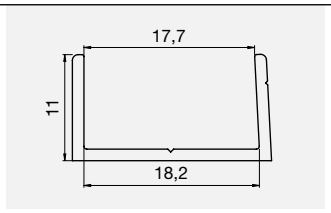
● Matt black

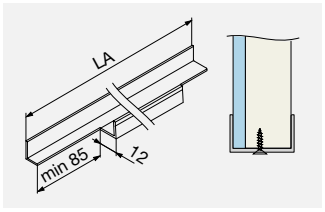
○ Matt white

Length [mm]	Anodised aluminium	Champagne	Matt black	Matt white
2900	F007884	F007885	F007886	F007887

⑳ Riex VR30 Profile "U"

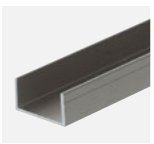






- For edge protection
- Prevent the glass from falling
- Versatile application

● Anodised aluminium



● Champagne



● Matt black



○ Matt white

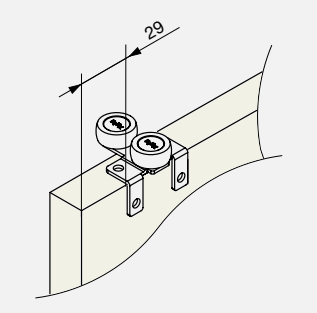
Length [mm]	Anodised aluminium	Champagne	Matt black	Matt white
2900	F007888	F007889	F007890	F007891

Riex VR30 Wheels

- Necessary part of system, ensure easy and smooth movement
- Wheels for board installation can be used with VR31 18 mm handle profiles

❽ Riex VR30 Upper Wheels



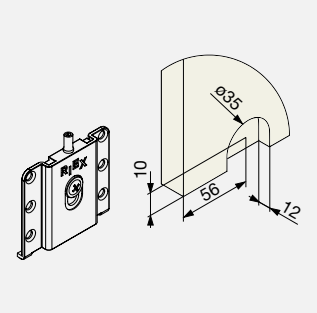


- Upper wheels for board system
- Covered ball bearing, softened surface
- Packing per set for one door [pair]
- Wheels must be selected according to the type of handle profile [symmetrical / asymmetric]

Type	Code
Asymetrical [P]	**F007709**
Symmetrical [Z]	**F007710**

❼ Riex VR30 Bottom Wheels



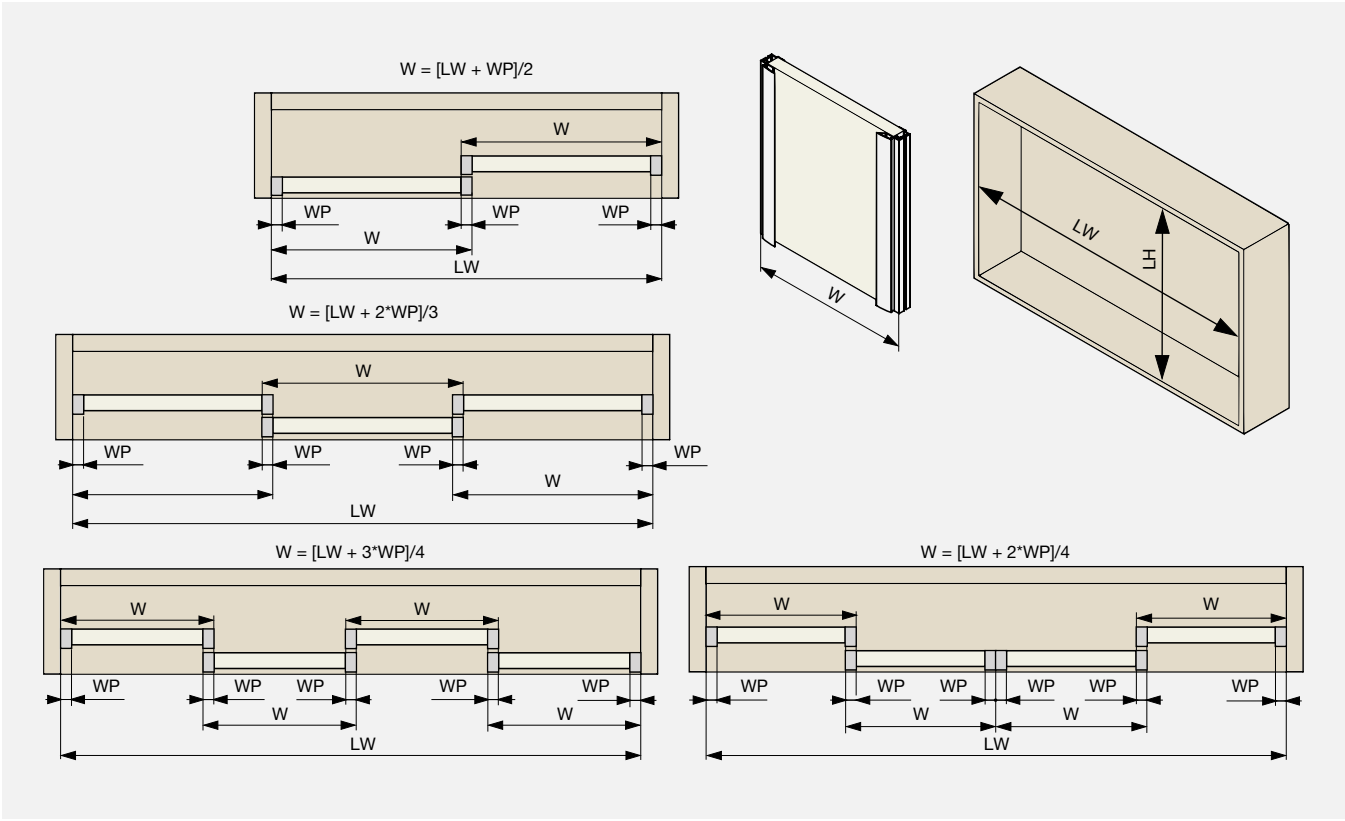


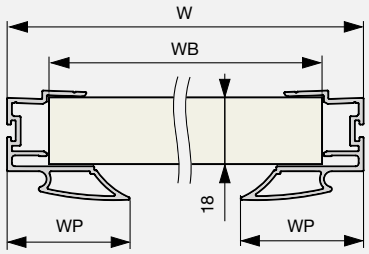
- Identical for all types of handle profiles Riex VR30
- Packing per set for one door [pair]
- Quality covered ball bearings, capacity 50 kg / pair

Type	Code
Bottom wheels	**F007713**

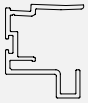
Dimension and Cutting Riex VR30

- Based on inner cabinet size





P03-18



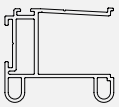
WP = 23
WB = W - 18

P04-16



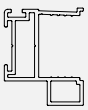
WP = 23
WB = W - 7

P13-18



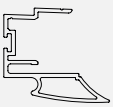
WP = 32
WB = W - 21

P12-18



WP = 23
WB = W - 21

P01-18



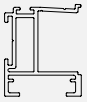
WP = 32
WB = W - 21

P02-18



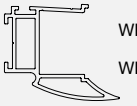
WP = 26
WB = W - 7

P14-18



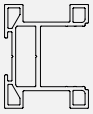
WP = 23
WB = W - 21

P11-18

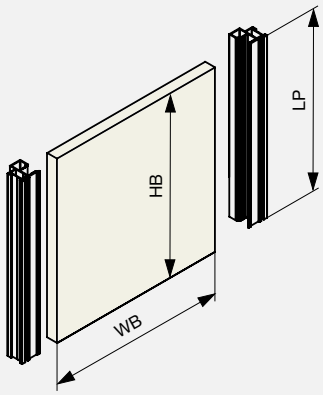


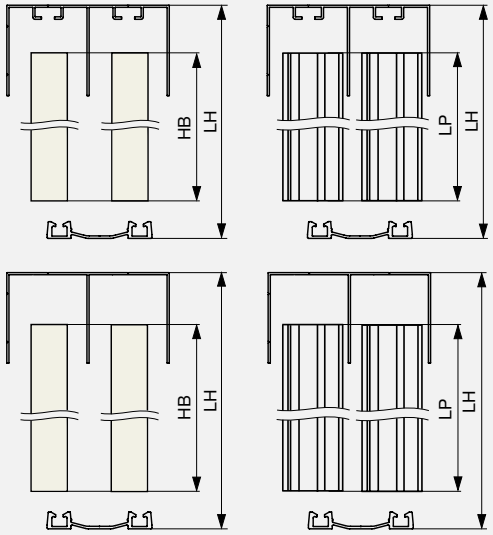
WP = 32
WB = W - 21

Z15-18



WP = 26
WB = W - 23



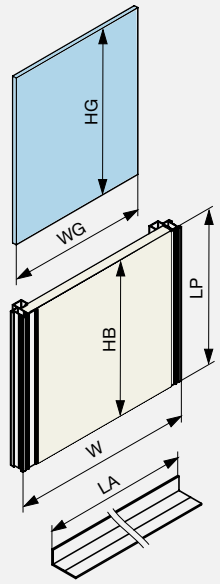


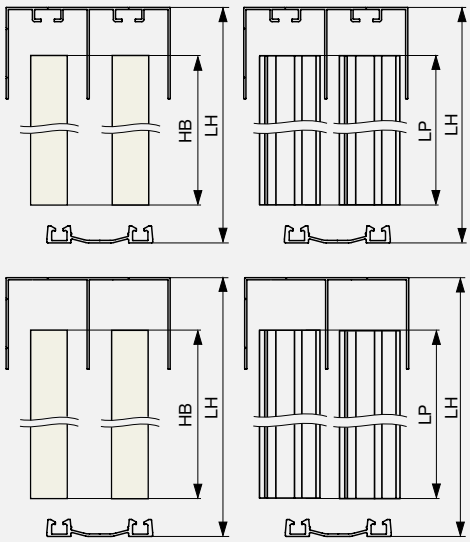
LP = LH - 51

HB = LH - 51

LP = LH - 46

HB = LH - 46





LP = LH - 51

HB = LH - 51

HG = LH - 51

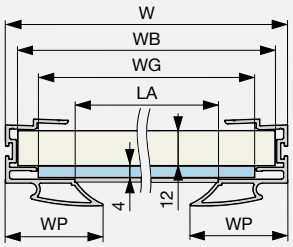
LA = W - 44

LP = LH - 46

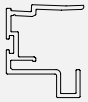
HB = LH - 46

HG = LH - 46

LA = W - 44



P03-18



WP = 23

WB = W - 8

WG = W - 22

P01-18

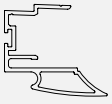


WP = 32

WB = W - 8

WG = W - 25

P01-19



WP = 32

WB = W - 8

WG = W - 25

Common components:

ⓘ **Rails p. 12.59–12.60**
ⓘ **Wheels p. 12.38**
ⓘ **Soft close p. 12.61–12.65**
ⓘ **Dust bruches, gaskets p. 12.67–12.68**

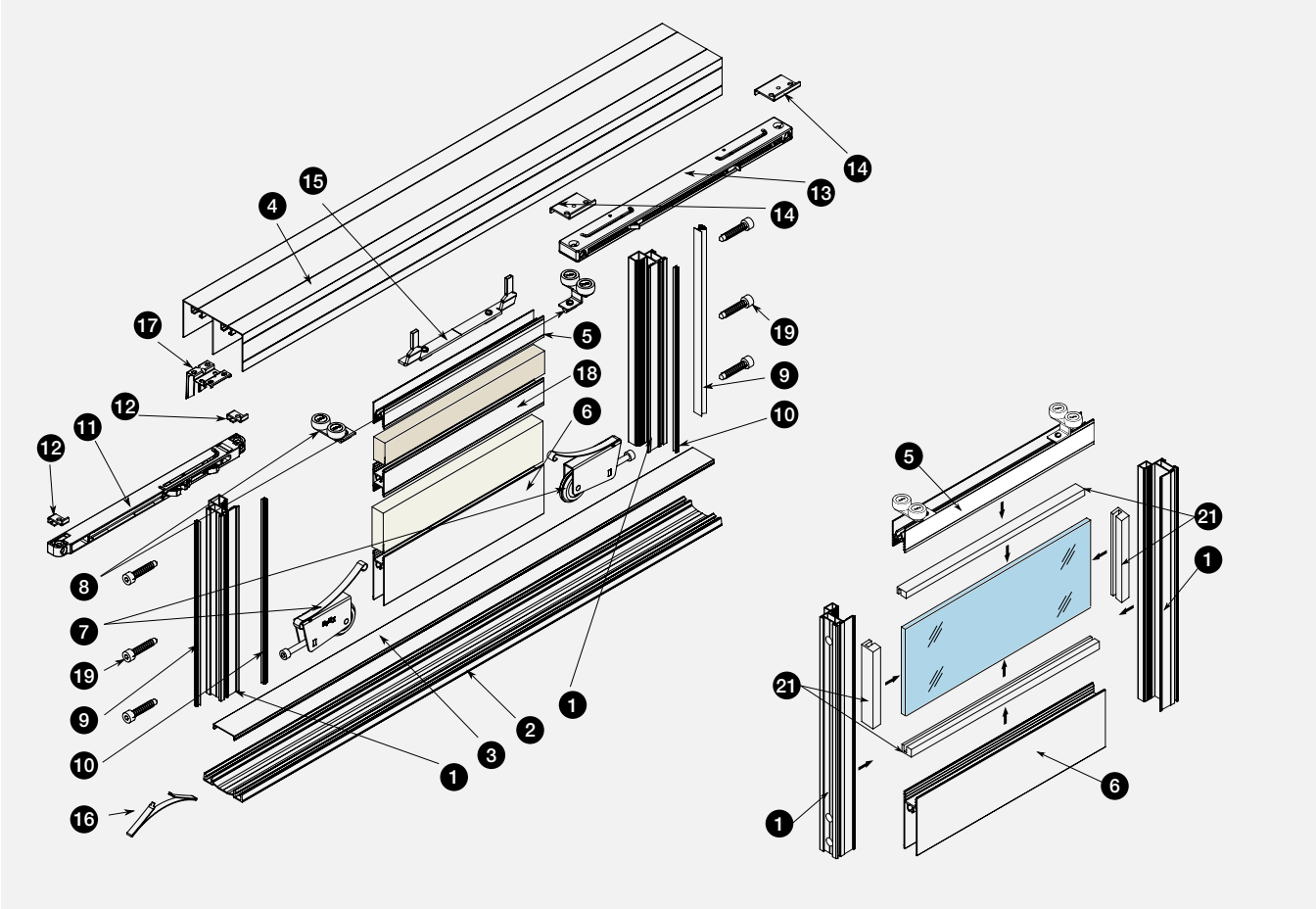
ⓘ **Legend**

LW – internal cabinet width
W – door width
WB – board width
WG – glass width
WP – handle profile width
LF – frame profile length
LH – internal cabinet height
LP – handle profile length / door height
HB – board height
HG – glass height

Riex VR31 Frame 18 mm



- Frame wardrobe system
- Designed for boards 18 mm or glass fillings
- Structure from easy shortened aluminium profiles
- Connection by screws, require stepped holes in handle profiles
- Dust brush in handle profile reduce noice and cover holes
- Rails are identical to Riex VR30 [frameless system]

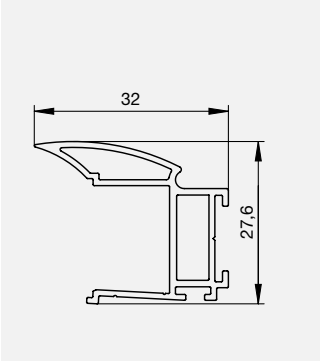


System description

❶ Handle profiles – for manipulation with doors, strengthen the door panels, prevent them from bending.
❷ ❸ ❹ Rails – weight of door is on the bottom rail, the upper rail ensures door position. Upper rail is available in two versions: classical and with T-slot, which simplifies the installation of dampers and positioners.
❺ ❻ Horizontal frame profiles – part of the frame, wheels are fixed inside.
❼ ❽ Wheels – must be chosen symmetrical or asymmetrical type according to the used handle profiles.
❿ Seal and dust brushes – dampen the noise when the door is closed and prevent entering dust.
⓫ Dampers ensure the soft closing of the doors, must be selected according to the weight of the door.
⓭ Center damper for 3 doors configurations ensure opening to both sides.
⓬ ⓮ Installation kit for dampers set – necessary for the installation of the dampers.
⓯ Activator for damper – universal for side and central dampers, installation in the middle of the door.
⓰ ⓱ Positioners – hold the position of the door in the position, used when dampers are not installed.
⓲ Additional profiles – for dividing the board into more sections, the screw type strengthens the door construction.
⓳ Connection screw – for connection handle profiles with horizontal profiles.
㉑ Gaskets – for installation of glass panels.

❶ Riex VR31 Handle Profile Asymmetric P11

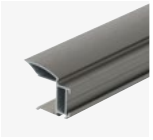




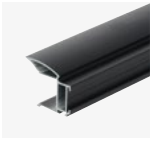
- Boards 18 mm or glass 4–4,5 mm in gasket
- Connection with frame profiles by screws
- Grooves for seal and dust brush
- Use secured glass feeling [protective foil or safety glass]

Related items:
- Dust brushes and seals on p. 12.67–12.68
- Gaskets for glass on p. 12.47
- Wheels on p. 12.48
- Rails and other accessories on p. 12.59–12.60

● Anodised aluminium



● Champagne



● Matt black

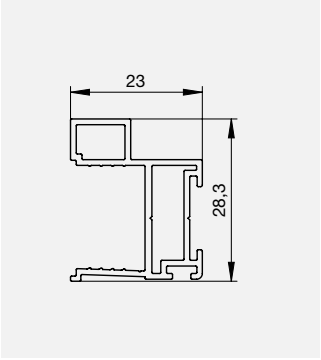


○ Matt white

Length [mm]	Colour	Code
2700	Anodised aluminium	**F007740**
	Champagne	**F007741**
	Matt black	**F007742**
	Matt white	**F007743**

❶ Riex VR31 Handle Profile Asymmetric P12





- Boards 18 mm or glass 4–4,5 mm in gasket
- Connection with frame profiles by screws
- Grooves for seal and dust brush
- Use secured glass feeling [protective foil or safety glass]

Related items:
- Dust brushes and seals on p. 12.67–12.68
- Gaskets for glass on p. 12.47
- Wheels on p. 12.48
- Rails and other accessories on p. 12.59–12.60

● Anodised aluminium



● Champagne



● Matt black

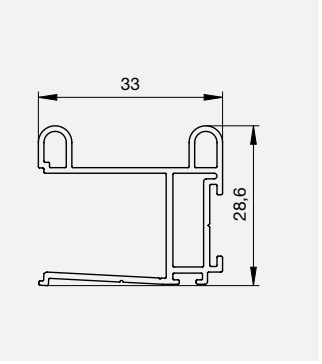


○ Matt white

Length [mm]	Colour	Code
2700	Anodised aluminium	**F007744**
	Champagne	**F007745**
	Matt black	**F007746**
	Matt white	**F007747**

❶ Riex VR31 Handle Profile Asymmetric P13

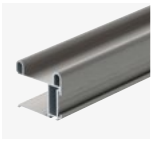




- Boards 18 mm or glass 4–4,5 mm in gasket
- Connection with frame profiles by screws
- Grooves for seal and dust brush
- Use secured glass feeling [protective foil or safety glass]

Related items:
- Dust brushes and seals on p. 12.67 –12.68
- Gaskets for glass on p. 12.47
- Wheels on p. 12.48
- Rails and other accessories on p. 12.59–12.60

● Anodised aluminium

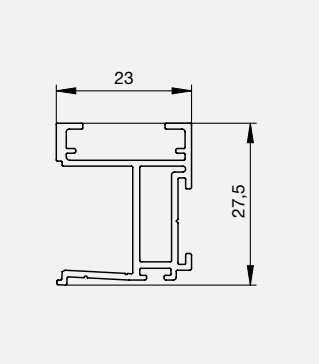


● Champagne

Length [mm]	Colour	Code
2700	Anodised aluminium	**F007748**
	Champagne	**F007749**

❶ Riex VR31 Handle Profile Asymmetric P14





- Boards 18 mm or glass 4–4,5 mm in gasket
- Connection with frame profiles by screws
- Groove for edge band 22 mm [0,5 mm] allows unify design
- Grooves for seal and dust brush
- Use secured glass feeling [protective foil or safety glass]

Related items:
- Dust brushes and seals on p. 12.67–12.68
- Gaskets for glass on p. 12.47
- Wheels on p. 12.48
- Rails and other accessories on p. 12.59–12.60

● Anodised aluminium

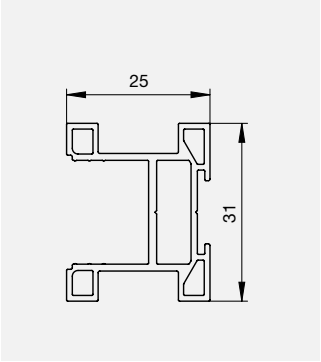


● Champagne

Length [mm]	Colour	Code
2700	Anodised aluminium	**F007750**
	Champagne	**F007751**

❶ Riex VR31 Handle Profile Symmetric Z15





- Boards 18 mm or glass 4–4,5 mm in gasket
- Connection with frame profiles by screws
- Groove for seal brush, dust brush self adhesive type
- Use secured glass feeling [protective foil or safety glass]

Related items:
- Dust brushes and seals on p. 12.67–12.68
- Gaskets for glass on p. 12.47
- Wheels on p. 12.48
- Rails and other accessories on p. 12.59–12.60

● Anodised aluminium



● Champagne

Length [mm]	Colour	Code
2700	Anodised aluminium	**F007752**
	Champagne	**F007753**

❺ ❻ Riex VR31 Frame Profiles 18 mm

❺

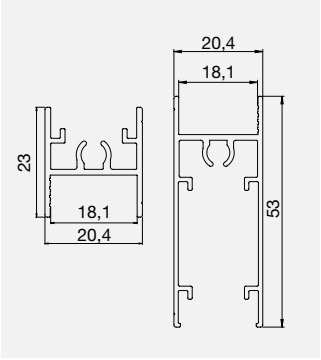


ⓘ **Upper profile**

❻



ⓘ **Bottom profile**



- Horizontal profiles for making frame with handle profiles
- For all types of handle profiles of the Riex VR31 18 mm series
- Connection by connecting screws **F007899**
- Require stepped holes 9 / 6 mm in the handle profiles



● Anodised aluminium



● Champagne



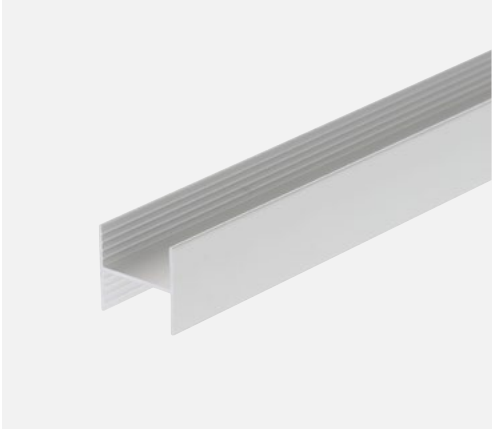
● Matt black

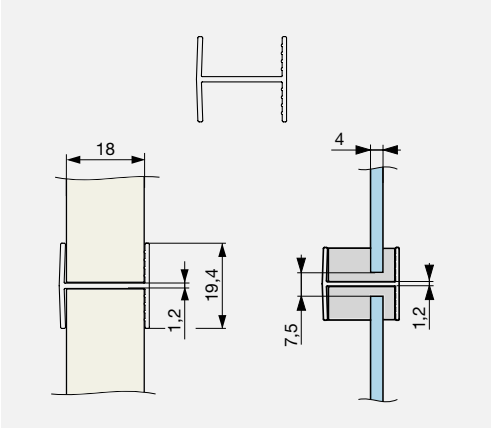


○ Matt white

	Anodised aluminium		Champagne		Matt black		Matt white	
Length [mm]	Upper profile	Bottom profile	Upper profile	Bottom profile	Upper profile	Bottom profile	Upper profile	Bottom profile
1800	**F007836**	**F007844**	**F007838**	**F007846**	**F007840**	**F007848**	**F007842**	**F007850**
2900	**F007837**	**F007845**	**F007839**	**F007847**	**F007841**	**F007849**	**F007843**	**F007851**

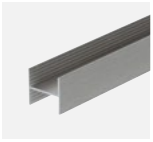
⓲ Riex VR30/31 Dividing Profile "H" for 18 mm



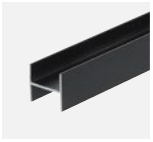


- For dividing fillings into multiple parts, combining decors and materials

● Anodised aluminium



● Champagne



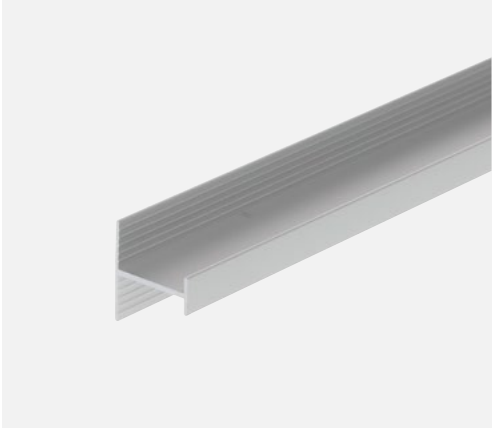
● Matt black

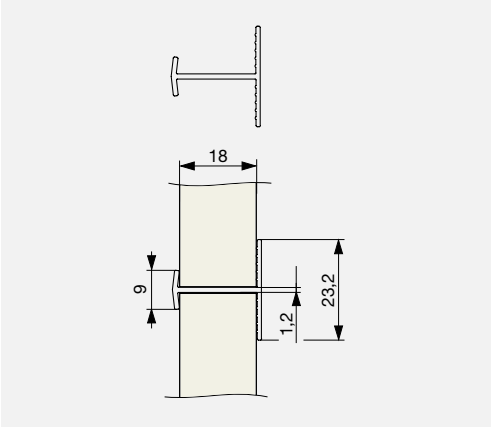


○ Matt white

Length [mm]	Anodised aluminium	Champagne	Matt black	Matt white
2900	**F007868**	**F007869**	**F007870**	**F007871**

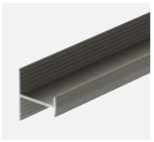
⓲ Riex VR30/31 Dividing Profile "H" Asymetrical for 18 mm



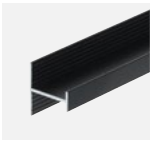


- For dividing fillings into multiple parts, combining decors and materials
- Asymmetrical design for individual customization
- Not recommended for combination with glass

● Anodised aluminium



● Champagne



● Matt black

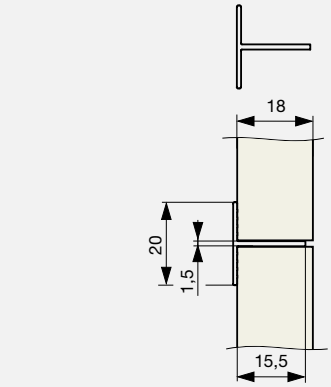


○ Matt white

Length [mm]	Anodised aluminium	Champagne	Matt black	Matt white
2900	**F007872**	**F007873**	**F007874**	**F007875**

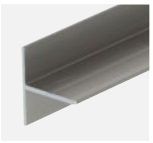
Riex VR30 Profile "T"





- For edge protection
- Use to secure the glass against falling down when glass is used
- Versatile application

● Anodised aluminium



● Champagne



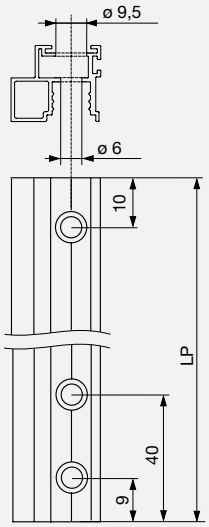
● Matt black

○ Matt white

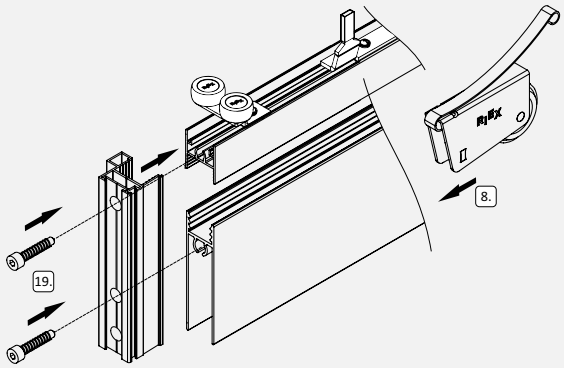
Length [mm]	Anodised aluminium	Champagne	Matt black	Matt white
2900	**F007946**	**F007947**	**F007948**	**F007949**

⓳ Riex VR31 Connection Screw



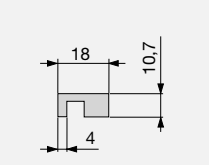


- For connection of handle profiles with horizontal frame profiles [upper and bottom]
- Require stepped holes 9 / 6 mm in the handle profiles
- Tooling alien key/ HEX 4 mm
- 4 pc of screws for one door plus 2 pcs for each division by “H” profile to screw

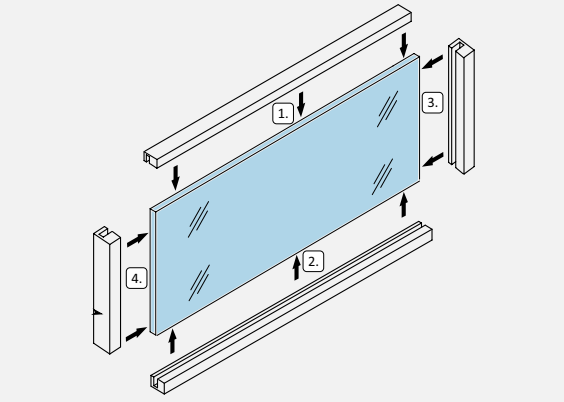


Length [mm]	Code
45	**F007899**

㉑ Riex VR31 Glass Gasket for Handle Profiles 18 mm



- Used in case of installation glass fillings
- For glass thickness 4–4,5 mm, transparent
- **Caution, use safety glass or secure the glass with safety foil!**
- Glass fillings require a reduction of 4 mm in each dimension due to the use of gaskets



Colour	Code
Transparent	**F010384**

Wheels

❽ Riex VR31 Upper Wheels

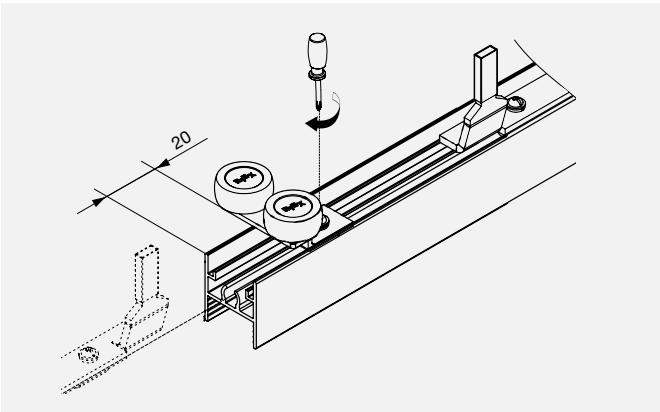


ⓘ **F007711**



ⓘ **F007712**

- Upper wheels for frame system
- Covered ball bearing, softened surface
- Choose according to handle profile: symmetrical or asymmetrical
- Packing per set for one door [pair]

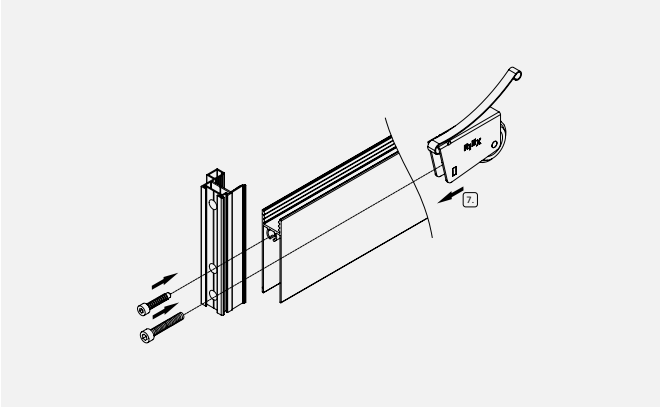


Type	Code
Asymetrical [P]	**F007711**
Symmetrical [Z]	**F007712**

❼ Riex VR31 Bottom Wheels



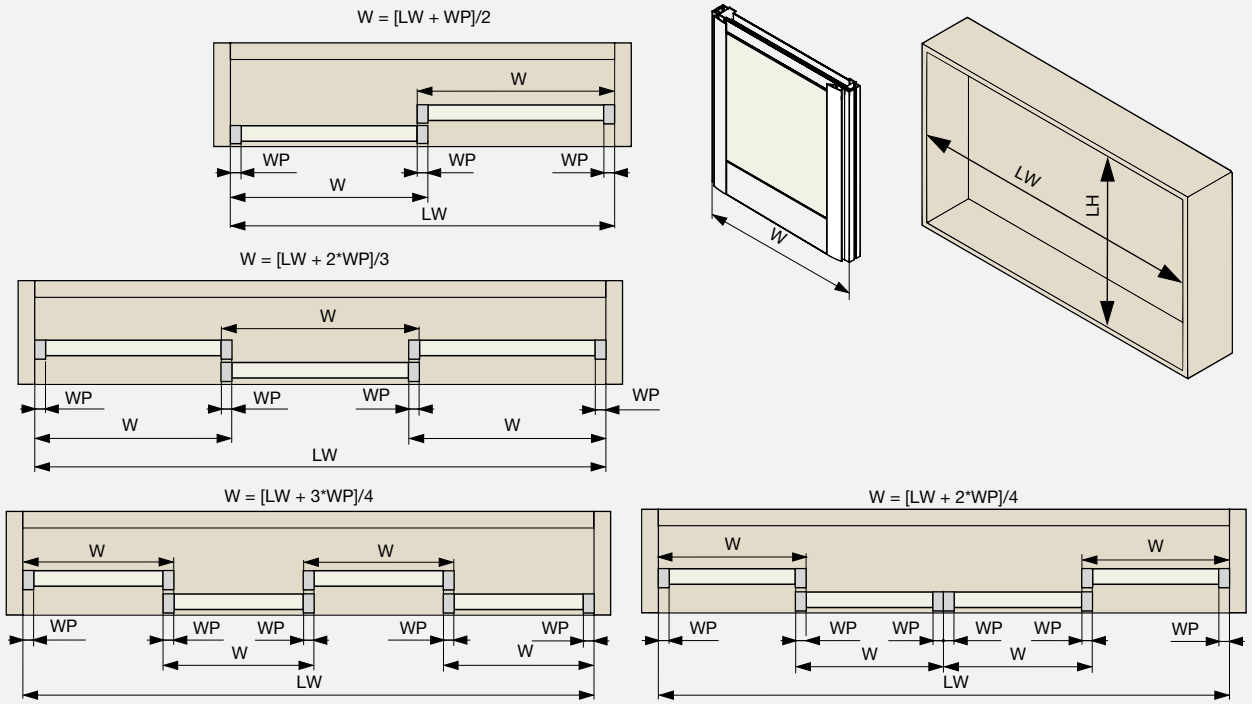
- Bottom wheels for frame system
- Ball bearing for smooth movement
- Identical for all types of handle profiles
- Packing per set for one door [pair]
- Capacity 50 kg / pair

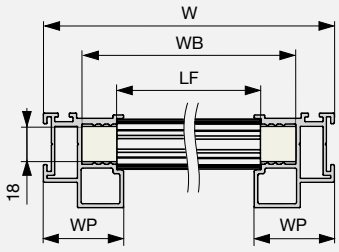


Type	Code
Bottom wheels	**F007714**

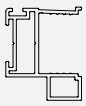
Dimension and Cutting VR31 Frame 18 mm

- Based on inner cabinet size



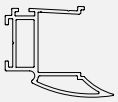


P12-18



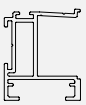
WP = 23
WB = W - 21
LF = W - 44

P11-18



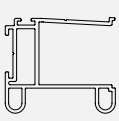
WP = 32
WB = W - 21
LF = W - 46

P14-18



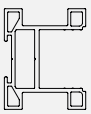
WP = 23
WB = W - 21
LF = W - 45

P13-18

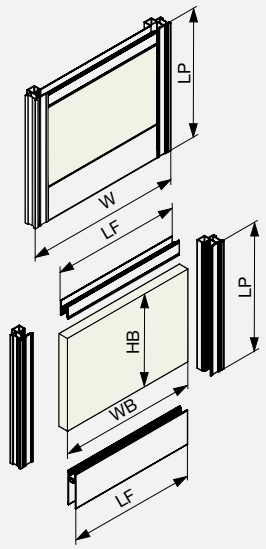


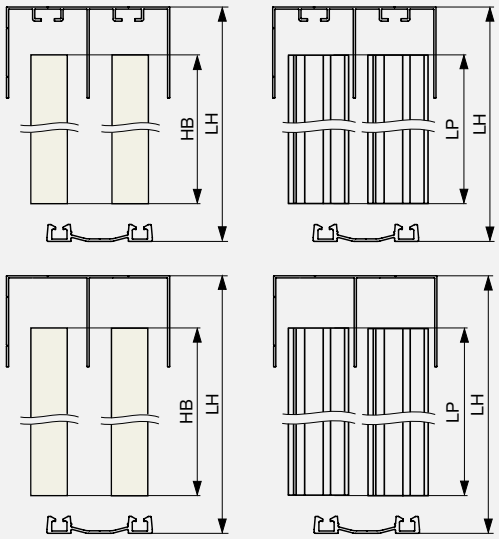
WP = 32
WB = W - 21
LF = W - 64

Z15-18



WP = 26
WB = W - 23
LF = W - 49



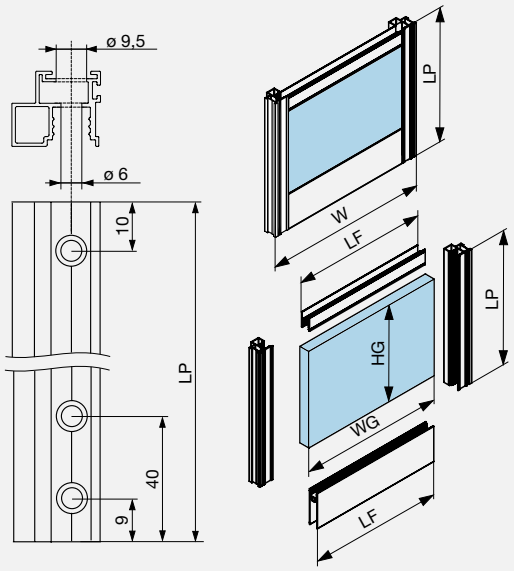


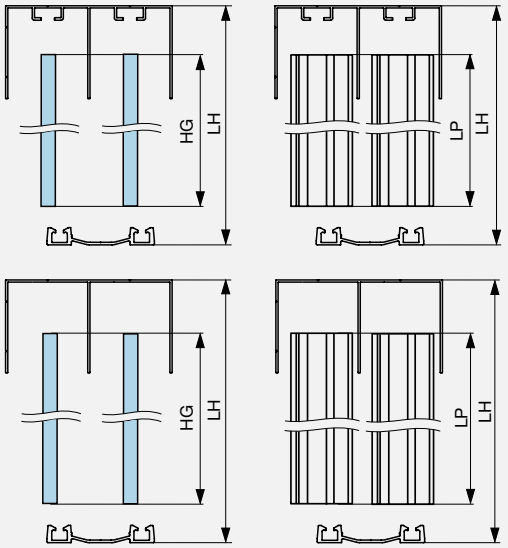
LP = LH - 49

HB = LH - 110

LP = LH - 44

HB = LH - 105



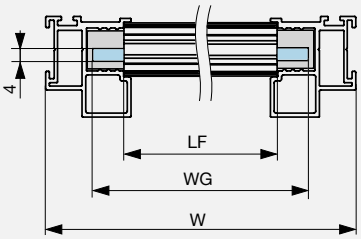


LP = LH - 49

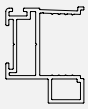
HG = LH - 116

LP = LH - 44

HG = LH - 111



P12-18

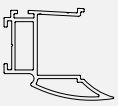


WP = 23

WG = W - 25

LF = W - 44

P11-18

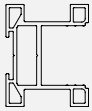


WP = 32

WG = W - 25

LF = W - 46

Z15-18

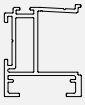


WP = 26

WG = W - 27

LF = W - 49

P14-18

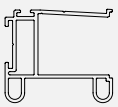


WP = 23

WG = W - 25

LF = W - 45

P13-18



WP = 32

WG = W - 25

LF = W - 64

Common components:

- ⓘ **Rails p. 12.59–12.60**
- ⓘ **Wheels p. 12.48**
- ⓘ **Soft close p. 12.61-12.65**
- ⓘ **Dust bruches, gaskets p. 12.67-12.68**

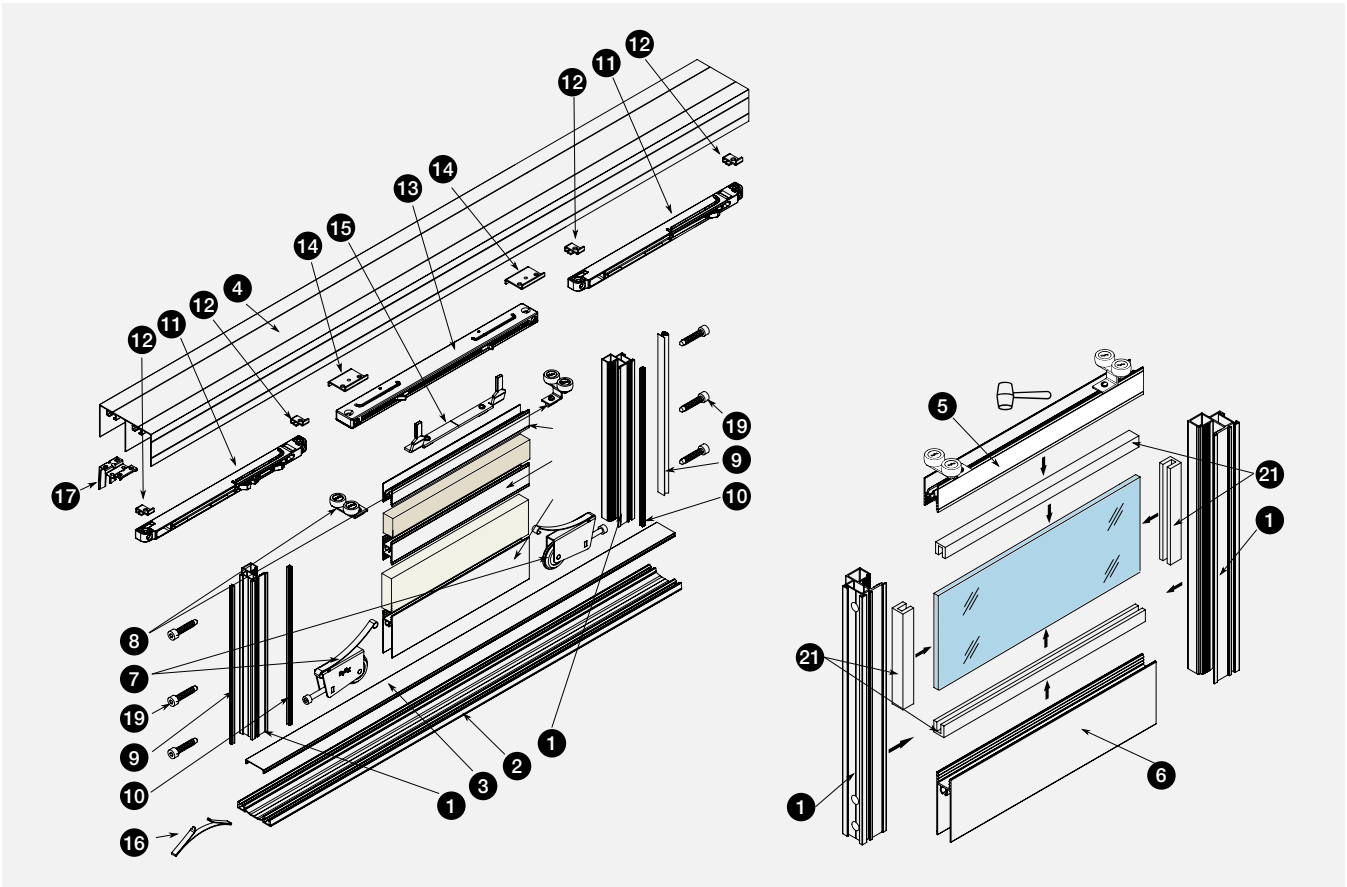
ⓘ Legend

LW – internal cabinet width
W – door width
WB – board width
WG – glass width
WP – handle profile width
LF – frame profile length
LH – internal cabinet height
LP – handle profile length / door height
HB – board height
HG – glass height

Riex VR31 Frame 10 mm



- Frame wardrobe system
- Designed for boards 10 mm or glass fillings which means lighter doors
- Structure from easy shortened aluminium profiles
- Connection by screws, require stepped holes in handle profiles
- Dust brush in handle profile reduce noice and cover holes
- Rails are identical to Riex VR30 [frameless]

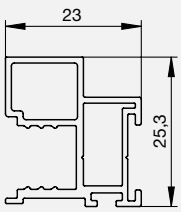


System description

❶ Handle profiles – for manipulation with doors, strengthen the door panels, prevent them from bending.
❷ ❸ ❹ Rails – weight of door is on the bottom rail, the upper rail ensures door position. Upper rail is available in two versions: classical and with T-slot, which simplifies the installation of dampers and positioners.
❺ ❻ Horizontal frame profiles – part of the frame, wheels are fixed inside.
❼ ❽ Wheels – must be chosen symmetrical or asymmetrical type according to the used handle profiles.
❿ Seal and dust brushes – dampen the noise when the door is closed and prevent entering dust.
⓫ Dampers ensure the soft closing of the doors, must be selected according to the weight of the door.
⓭ Center damper for 3 doors configurations ensure opening to both sides.
⓬ ⓮ Installation kit for dampers set – necessary for the installation of the dampers.
⓯ Activator for damper – universal for side and central dampers, installation in the middle of the door.
⓰ ⓱ Positioners – hold the position of the door in the position, used when dampers are not installed.
⓲ Additional profiles – for dividing the board into more sections, the screw type strengthens the door construction.
⓳ Connection screw – for connection handle profiles with horizontal profiles.
㉑ Gaskets – for installation of glass panels.

❶ Riex VR31 Handle Profile Asymmetric P21





- Boards 10 mm or glass 4–4,5 mm in gasket
- Connection with frame profiles by screws **F007899**
- Grooves for seal and dust brush
- Use secured glass feeling [protective foil or safety glass]

Related items:
- Dust brushes and seals on p. 12.67–12.68
- Gaskets for glass on p. 12.56
- Wheels on p. 12.48
- Rails and other accessories on p. 12.59–12.60

● Anodised aluminium



● Champagne



● Matt black

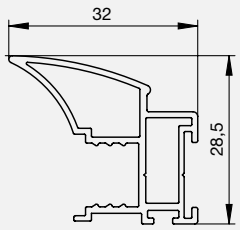


○ Matt white

Length [mm]	Colour	Code
2700	Anodised aluminium	**F007760**
	Champagne	**F007761**
	Matt black	**F007762**
	Matt white	**F007763**

❶ Riex VR31 Handle Profile Asymmetric P22

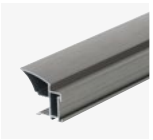




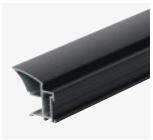
- Boards 10 mm or glass 4–4,5 mm in gasket
- Connection with frame profiles by screws **F007899**
- Grooves for seal and dust brush
- Use secured glass feeling [protective foil or safety glass]

Related items:
- Dust brushes and seals on p. 12.67–12.68
- Gaskets for glass on p. 12.56
- Wheels on p. 12.48
- Rails and other accessories on p. 12.59–12.60

● Anodised aluminium



● Champagne



● Matt black

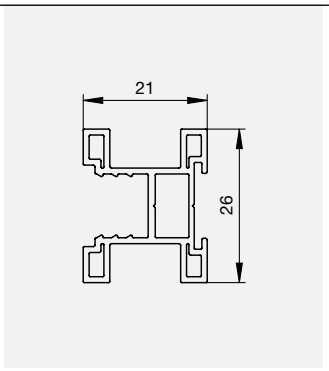


○ Matt white

Length [mm]	Colour	Code
2700	Anodised aluminium	**F007764**
	Champagne	**F007765**
	Matt black	**F007766**
	Matt white	**F007767**

❶ Riex VR31 Handle Profile Symmetric Z24





- Boards 10 mm or glass 4–4,5 mm in gasket
- Connection with frame profiles by screws **F007899**
- Groove for seal brush, dust brush self adhesive type
- Use secured glass feeling [protective foil or safety glass]

Related items:
- Dust brushes and seals on p. 12.67–12.68
- Gaskets for glass on p. 12.56
- Wheels on p. 12.48
- Rails and other accessories on p. 12.59–12.60

● Anodised aluminium



● Champagne

Length [mm]	Colour	Code
2700	Anodised aluminium	**F007768**
	Champagne	**F007769**

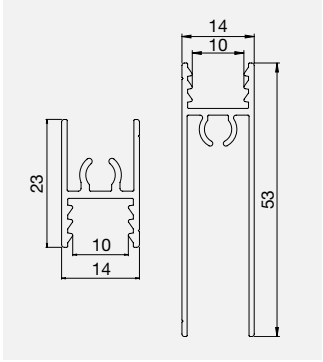
❺ ❻ Riex VR31 Frame Profiles 10 mm



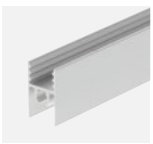
ⓘ Upper profile



ⓘ Bottom profile



- Horizontal profiles for making frame with handle profiles
- For all types of handle profiles of the Riex VR31 10 mm series
- Connection by connecting screws **F007899**
- Require stepped holes 9 / 6 mm in the handle profiles



● Anodised aluminium



● Champagne



● Matt black



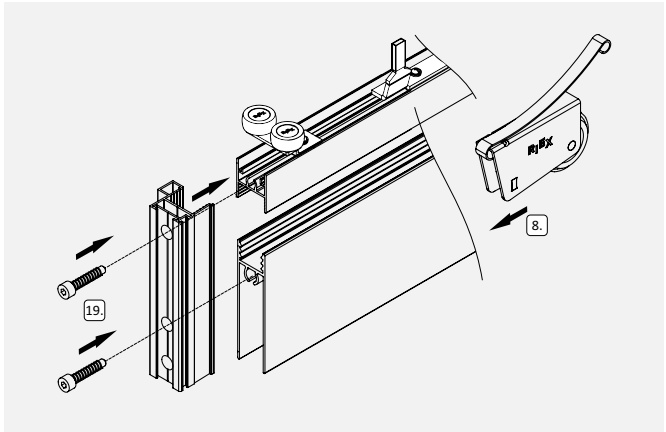
○ Matt white

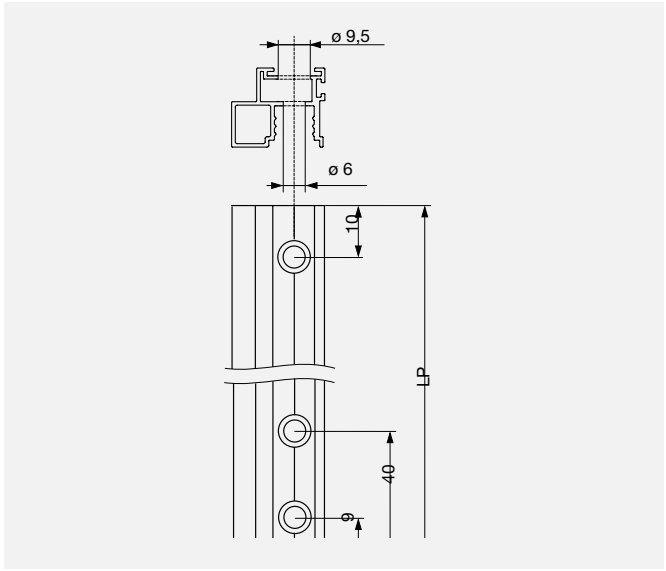
	Anodised aluminium		Champagne		Matt black		Matt white	
Length [mm]	Upper profile	Bottom profile	Upper profile	Bottom profile	Upper profile	Bottom profile	Upper profile	Bottom profile
1800	**F007852**	**F007860**	**F007854**	**F007862**	**F007856**	**F007864**	**F007858**	**F007866**
2900	**F007853**	**F007861**	**F007855**	**F007863**	**F007857**	**F007865**	**F007859**	**F007867**

⑲ Riex VR31 Connection Screw



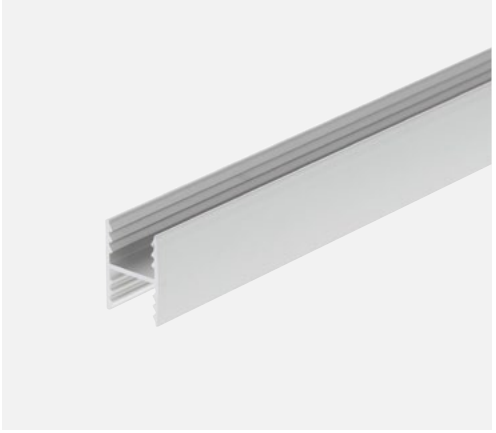
- For connection of handle profiles with horizontal frame profiles and dividing profiles
- Require stepped holes 9 / 6 mm in the handle profiles
- Tooling alien key / HEX 4 mm
- 4 pc of screws for one door, 2 pcs for each division by “H” profile to screw

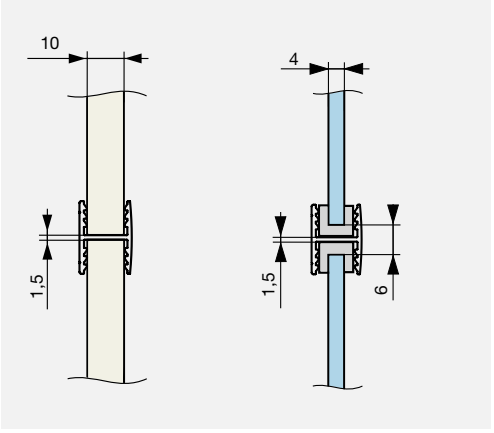




Length [mm]	Code
45	F007899

⓲ Riex VR31 Dividing Profile "H"

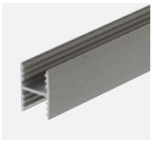




- Identical for all types of handle profiles
- For dividing fillings into multiple parts, combining decors and materials

● Anodised aluminium

ⓘ Gasket for glass filling, see p. 12.56



● Champagne



● Matt black

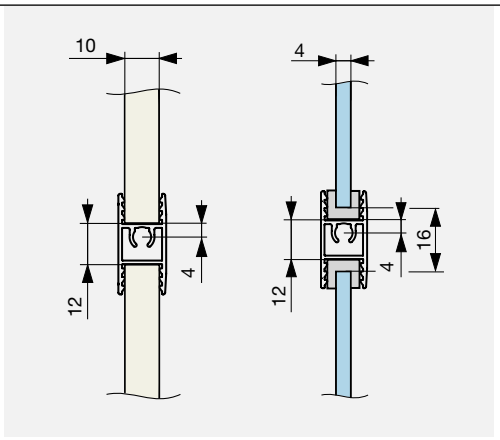


○ Matt white

Length [mm]	Anodised aluminium	Champagne	Matt black	Matt white
2900	**F007876**	**F007877**	**F007878**	**F007879**

⓲ Riex VR31 Dividing Profile "H" to Screw





- Identical for all types of handle profiles
- For dividing fillings into multiple parts, combining decors and materials
- The screw connection increases the strength and stability of the door
- Reduces the possible deflection of the handle on heavy doors
- Connection screws **F007899**

● Anodised aluminium



● Champagne



● Matt black



○ Matt white

Length [mm]	Anodised aluminium	Champagne	Matt black	Matt white
2900	**F007880**	**F007881**	**F007882**	**F007883**

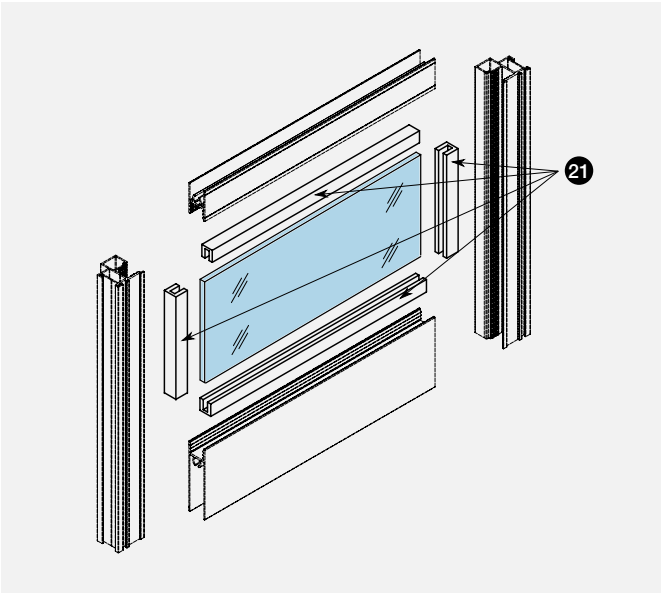
㉑ Riex VR31 Glass Gasket

○ Transparent



● Black

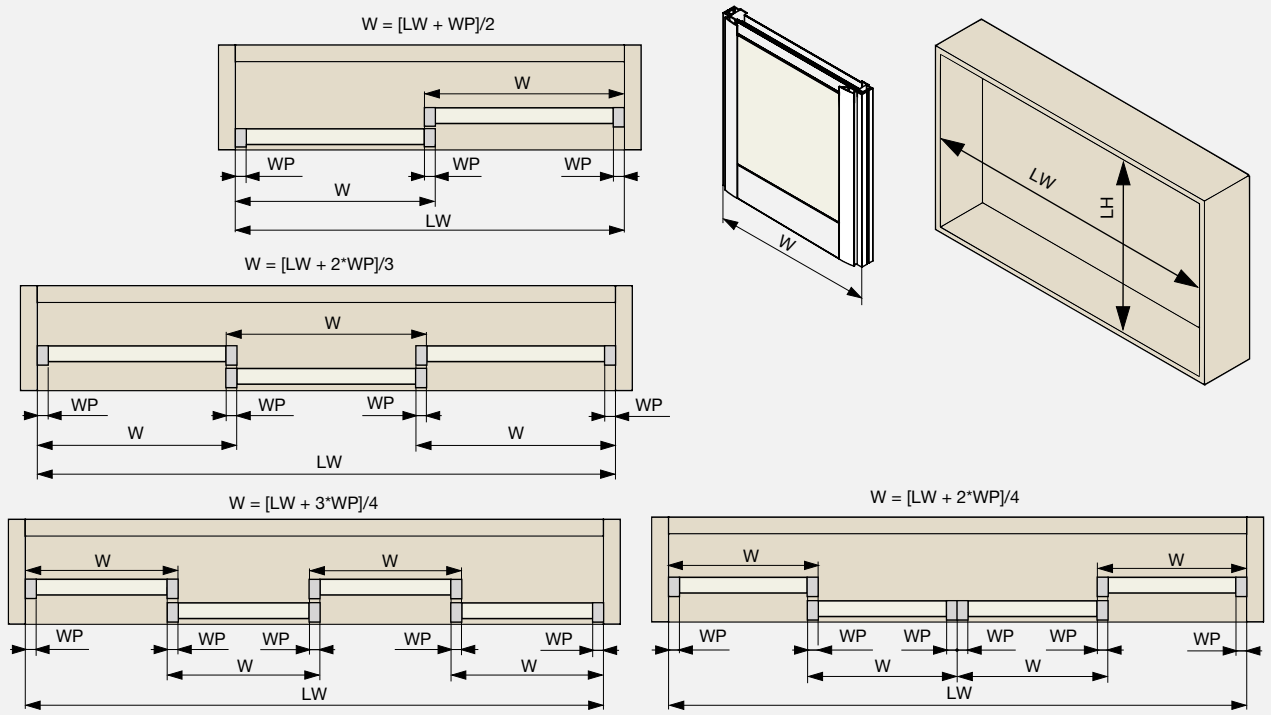
- Used in case of installation glass fillings
- Glass fillings require a reduction of size 4 mm in each dimension due to the use of gaskets
- Use safety glass or secure the glass with safety foil

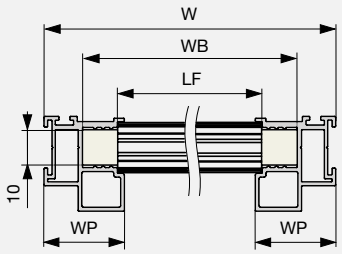


Colour	Glass thickness [mm]	Code
Transparent	4	**F010383**
	4,2–4,5	**F010857**
Black	4	**F010856**

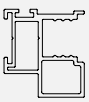
Dimension and Cutting VR31 Frame 10 mm

- Based on inner cabinet size



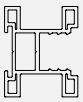


P21-10



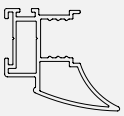
WP = 23
WB = W - 23
LF = W - 42

Z24-10

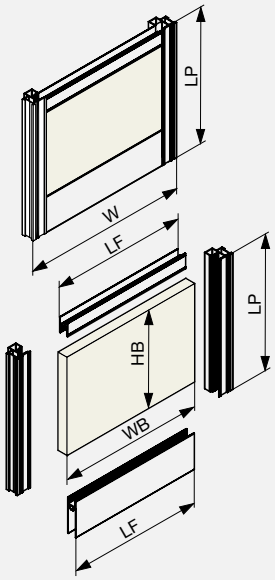


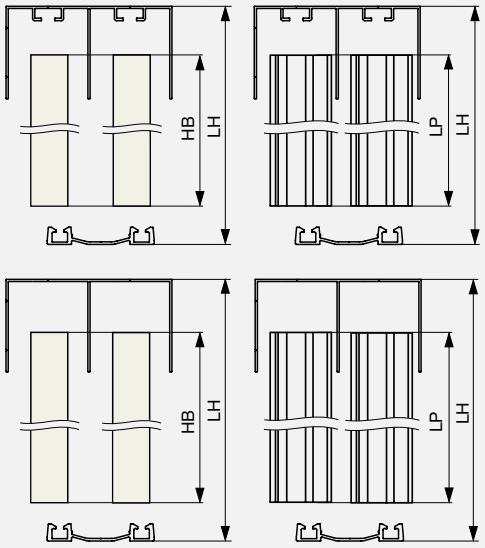
WP = 23
WB = W - 22
LF = W - 39

P22-10



WP = 32
WB = W - 22
LF = W - 39



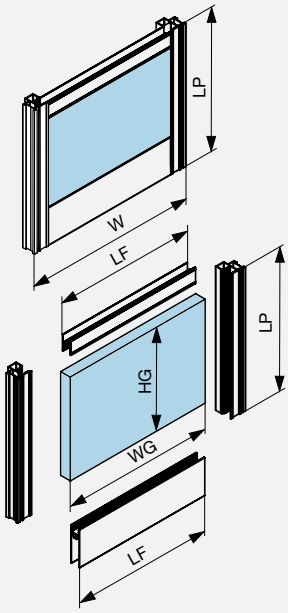


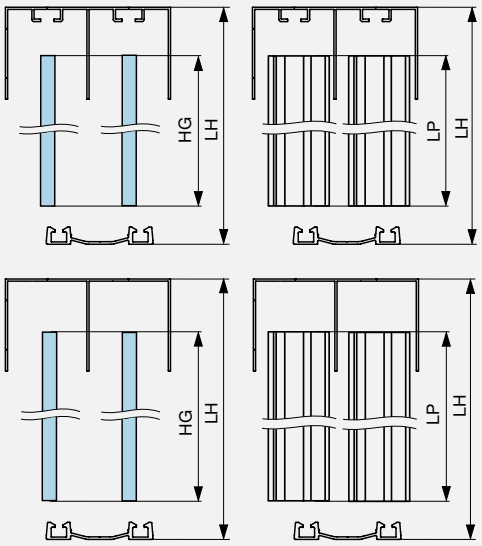
LP = LH - 49

HB = LH - 110

LP = LH - 44

HB = LH - 105



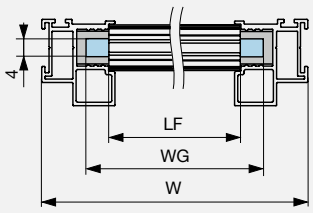


LP = LH - 49

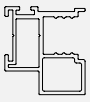
HG = LH - 114

LP = LH - 44

HG = LH - 109



P21-10

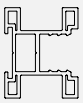


WP = 23

WG = W - 23

LF = W - 42

Z24-10

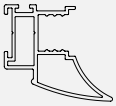


WP = 23

WG = W - 22

LF = W - 39

P22-10



WP = 32

WG = W - 22

LF = W - 39

Common components:

- ⓘ **Rails p. 12.59–12.60**
- ⓘ **Soft close p. 12.61–12.65**
- ⓘ **Dust bruches, gaskets p. 12.67–12.68**

ⓘ Legend

LW – internal cabinet width
W – door width
WB – board width
WG – glass width
WP – handle profile width
LF – frame profile length
LH – internal cabinet height
LP – handle profile length / door height
HB – board height
HG – glass height

Rails for Wardrobe System Riex VR30/31

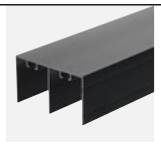
- Identical for all types of handle profiles

❹ Riex VR30/31 Upper Rail with T Slot





● Champagne

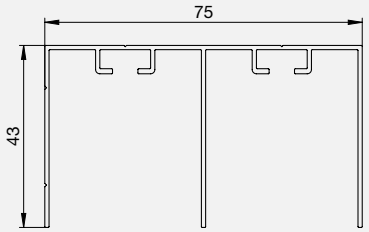


● Matt black



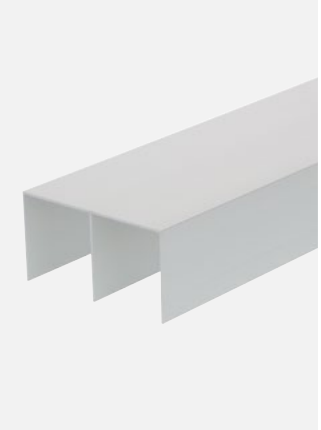
○ Matt white

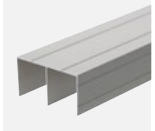
- Rail with groove for slotted nut
- It simplifies the installation and adjustment of the shock bampers
- Easy adjustment and replacement



● Anodised aluminium

❹ Riex VR30/31 Upper Standard Rail





● Champagne

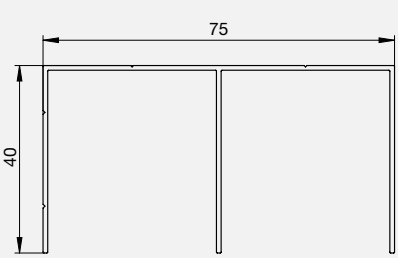


● Matt black



○ Matt white

- Rails with standard shape for classical solution
- Bottom rail can be fixed with screws, glued or double-side adhesive tape
- Cover profile to hide the screws



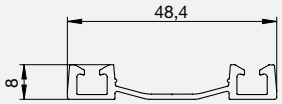
● Anodised aluminium

	Anodised aluminium		Champagne		Matt black		Matt white	
Length [mm]	Upper rail with T slot	Upper rail Standard	Upper rail with T slot	Upper rail Standard	Upper rail with T slot	Upper rail Standard	Upper rail with T slot	Upper rail Standard
1800	F007788	F007772	F007792	F007776	F007796	F007780	F007800	F007784
2900	F007789	F007773	F007793	F007777	F007797	F007781	F007801	F007785
3800	F007790	F007774	F007794	F007778	F007798	F007782	F007802	F007786
5900	F007791	F007775	×	×	×	×	×	×

❷ ❸ Riex VR30/31 Bottom Rail + Cover

❷



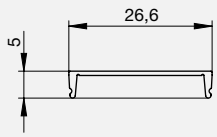


- Does not require drilling through the rail
- Bottom rail can be fixed with screws, glued or double-side adhesive tape
- Cover profile to hide the screws

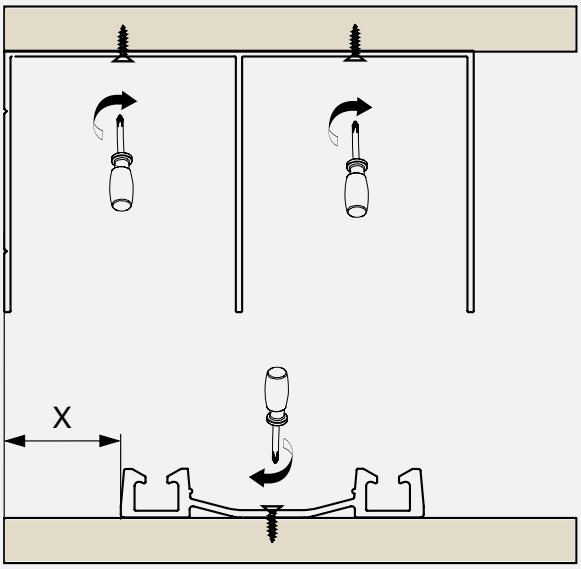
ⓘ Bottom rail

❸





ⓘ Cover for bottom rail



Position X of bottom rail depend on the type of the handle profile [asymmetrical P/ symmetrical Z].

Distance X [mm]	Asymmetrical handles [P]	Symmetrical handles [Z]
Frame system Riex VR31	18	13
Frameless system Riex VR30	21	17

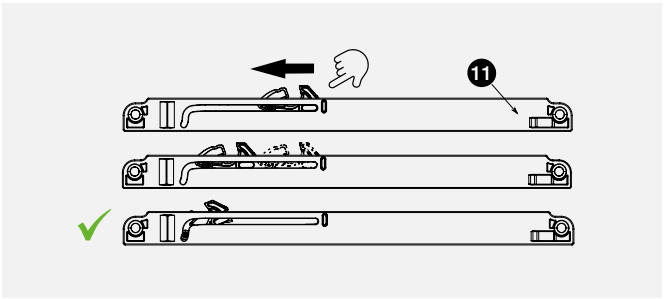
	Anodised aluminium		Champagne		Matt black		Matt white	
Length [mm]	Bottom rail	Cover for bottom rail	Bottom rail	Cover for bottom rail	Bottom rail	Cover for bottom rail	Bottom rail	Cover for bottom rail
1800	F007804	F007820	F007808	F007824	F007812	F007828	F007816	F007832
2900	F007805	F007821	F007809	F007825	F007813	F007829	F007817	F007833
3800	F007806	F007822	F007810	F007826	F007814	F007830	F007818	F007834
5900	F007807	F007823	×	×	×	×	×	×

Riex VR30/31 Dampers

- Recommended to ensure a quiet and safe closing
- Require Installation kit and Activator [on p. 12.65]
- To prevent jumping is recommended using wide doors [more than 40% of the height]

⓫ Riex VR30/31 Side Damper





ⓘ Tighten damper before installation

- Damping on the side of the cabinet
- Require the installation kit according to the rail type
- Choose the damper based on the door's weight for proper function
- **Important: Set the damper to the correct position before installing the door! See instructions**

Door weight [kg]	Code
10	**F007892**
15	**F007893**
30	**F007894**
50	**F007895**

⑫ Riex VR30/31 Installation Kit for Side Damper



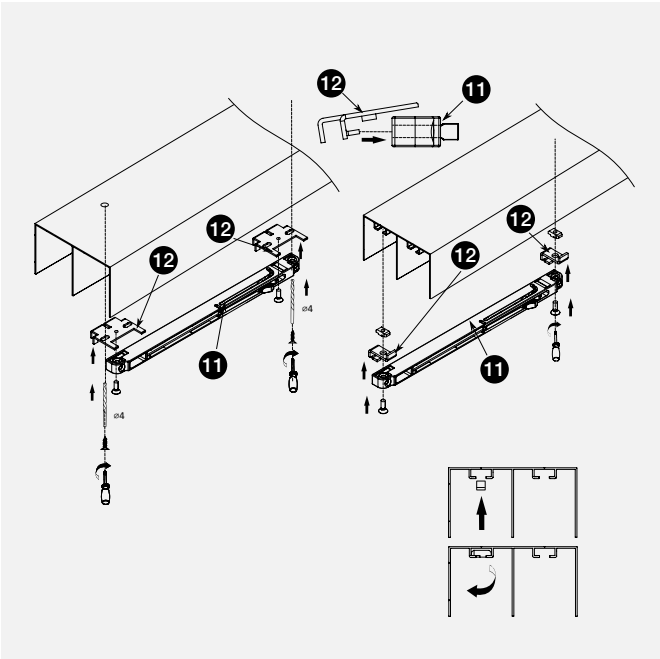
ⓘ **F007720**



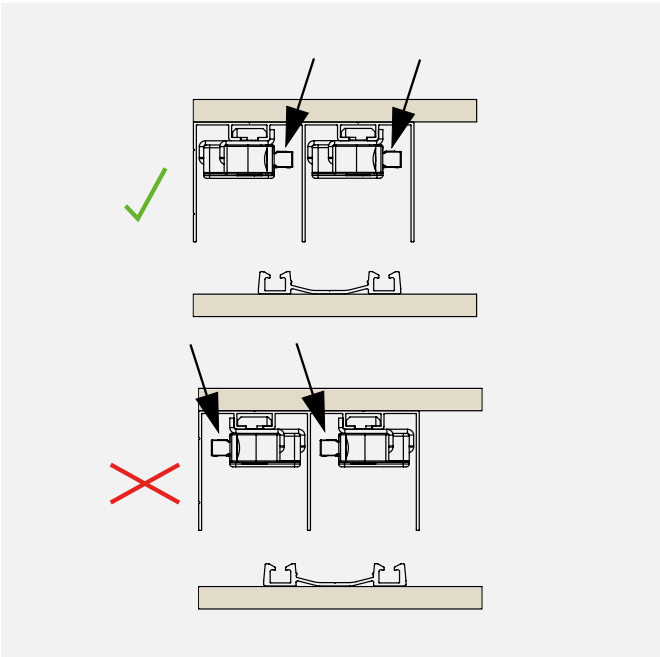
ⓘ **F007721**

- Brackets ensuring position of side damper in the rail
- Packing includes necessary fasteners
- Choose according to the rail type

Type of rail	Code
Classical	**F007720**
Rail with T slot	**F007721**



ⓘ Insert the nuts into the groove, fix by turning

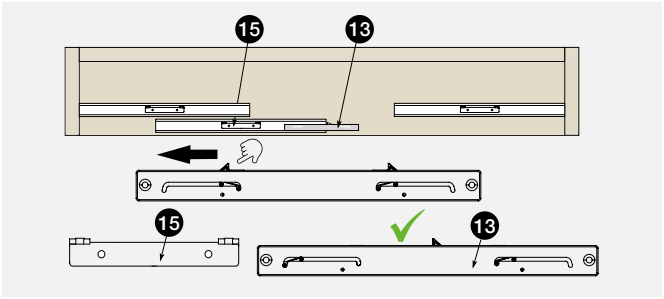


ⓘ The damper catcher must be oriented inside the cabinet

Riex VR30/31 Central Damper

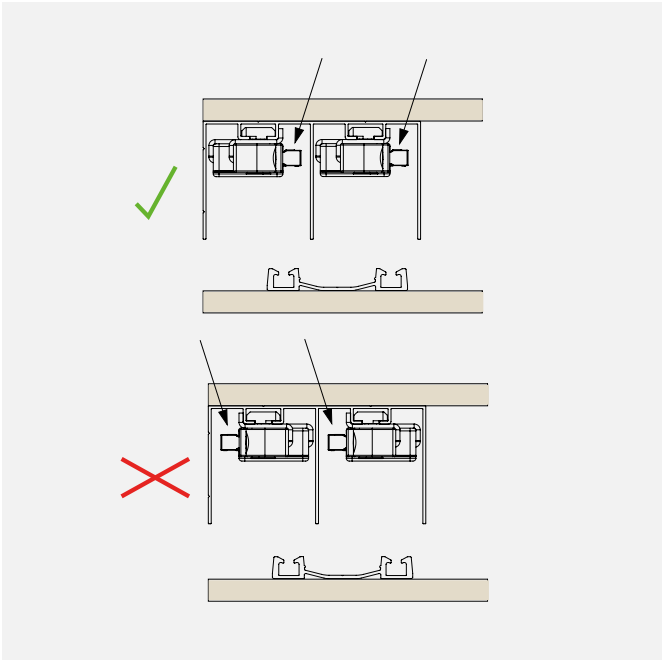


- Center dampers for 3 door configurations ensure opening to both sides
- Catches the door in the middle position from both sides
- Select right damper according to the weight of the door
- **Important: Set the damper to the correct position before installing the door! See instructions**
- Tighten the damper on the side where the door is inserted to avoid damage and malfunction
- Require Installation kit and Activator [on p. 12.65]

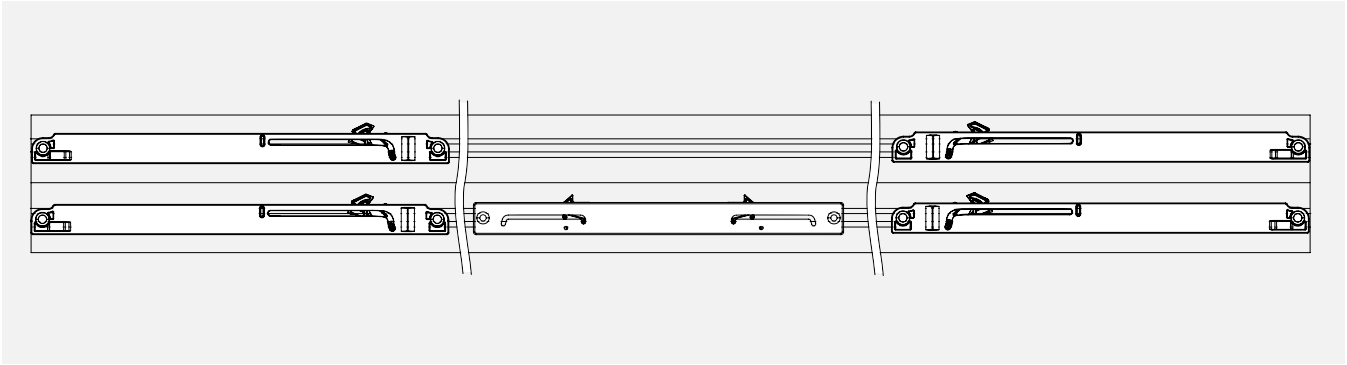


ⓘ Tighten damper before installation

Door weight [kg]	Code
15	F007896
30	F007897
50	F007898



ⓘ The damper catcher must be oriented inside the cabinet.



Riex VR30/31 Installation Kit for Central Damper



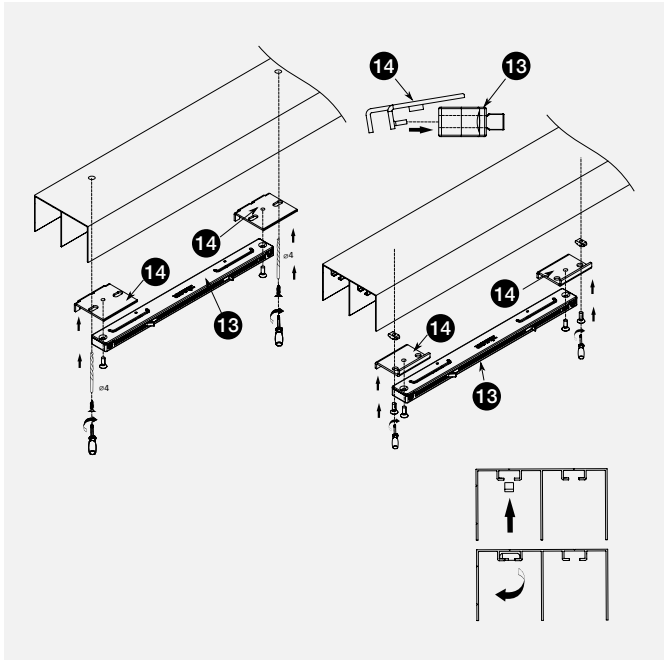
ⓘ **F007722**



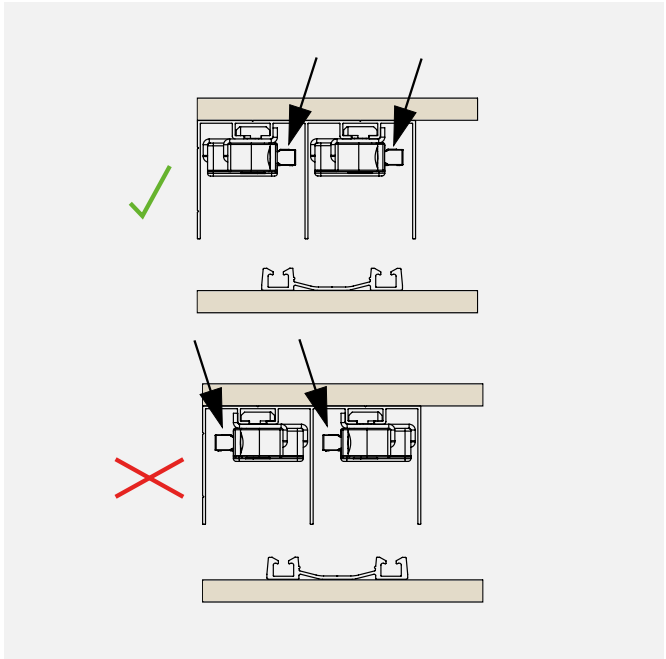
ⓘ **F007723**

- Brackets ensuring the position of central damper in the rail
- Packing includes necessary fasteners
- Choose according to the rail type

Type of rail	Code
Classical	**F007722**
Rail with T slot	**F007723**



ⓘ Insert the nuts into the groove, fix by turning

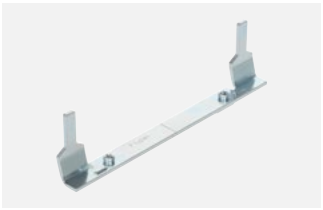


ⓘ The damper catcher must be oriented inside the cabinet

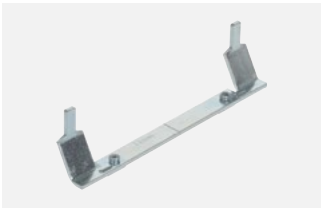
⓯ Riex VR30/31 Activator



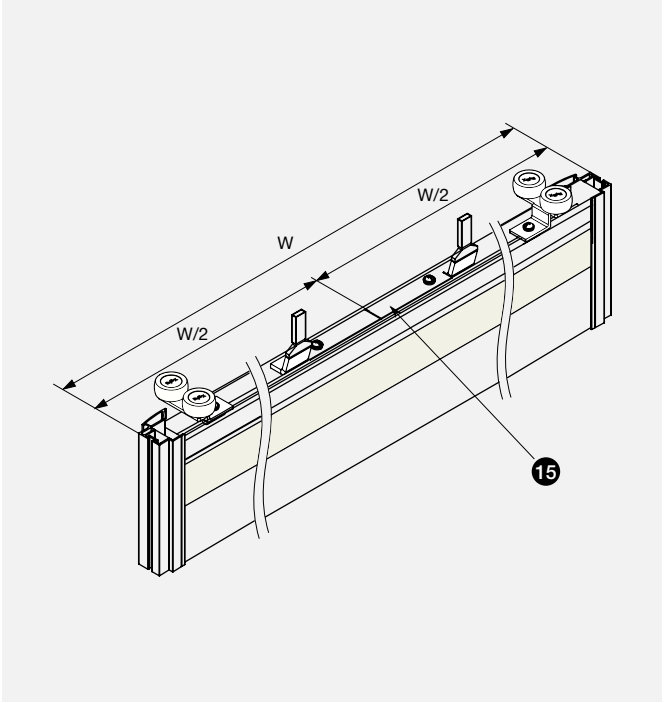
ⓘ **F007715**



ⓘ **F007716**



ⓘ **F007717**



- Activator for damping system
- Easy installation in the middle of the door
- Activator for frame system include connection accessories
- The activator is designed for side and center dampers

Type of door	Code
Frameless system	**F007715**
Frame system with assymetric handle profile [P]	**F007716**
Frame system with symetric handle profile [Z]	**F007717**

Riex VR30/31 Positioner

- If you do not install dampers, we recommend using a positioner to keep the door in the required position

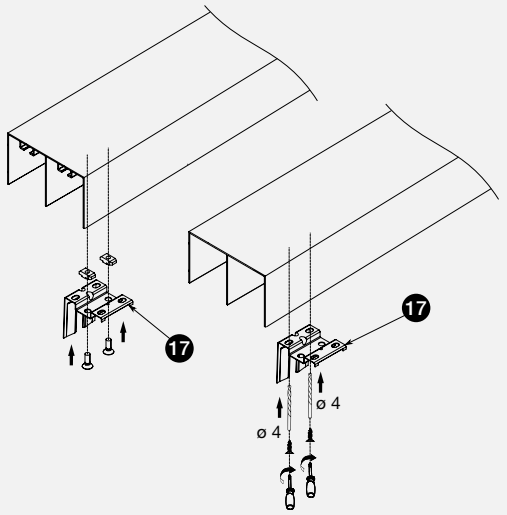
⑰ Riex VR30/31 Positioners

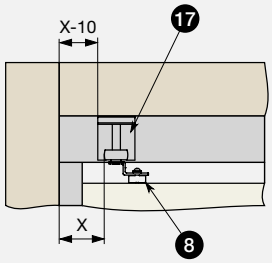


- Installation into upper rail
- Hold door in position

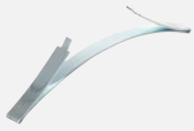
Package content:
- Positioner [fit to both types of rail]
- Connection accessories

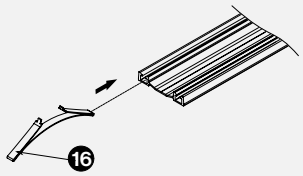
Position	Code
Upper rail	F007718

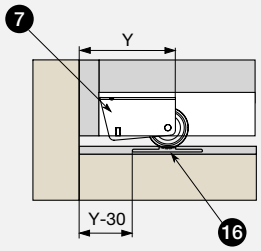




⑯ Riex VR30/31 Positioner to Bottom Rail



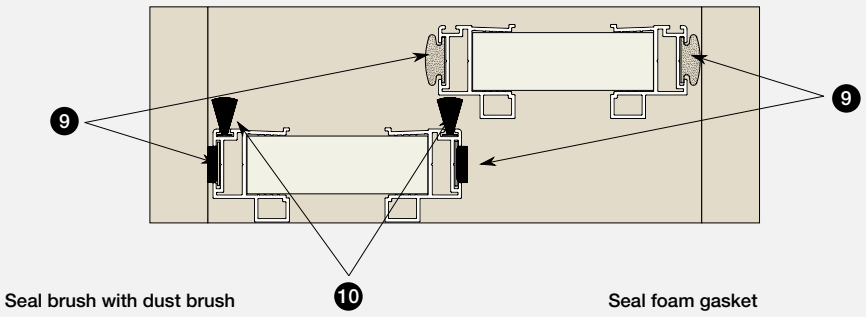




- Installation into bottom rail

Code
F007719

Riex VR30/31 Brushes and Gaskets



Seal brush with dust brush

Seal foam gasket

ⓘ **Legend:**

❾ Seal brush / Seal foam gasket
❿ Dust brush

❾ Riex VR30/31 Seal Brush

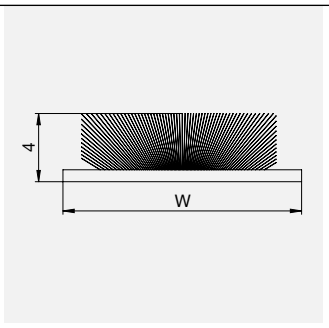


● Grey



● Black

○ White



- Placed in the groove in handle profile
- Absorbs the impact of the door when closing
- Limits the penetration of dust into the cabinet

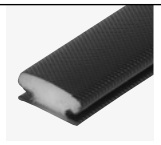
Width W [mm]	Grey	Black	White
4,8	F007901	F007902	F007903
14	F007904	F007905	F007920

To avoid falling brush in the profile down, press end of profile's groove, glue it or use a clip.

❾ Riex VR30/31 Seal Foam Gasket

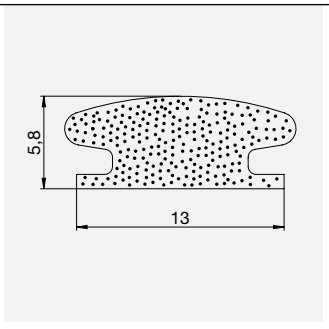


● Grey



● Black

○ White

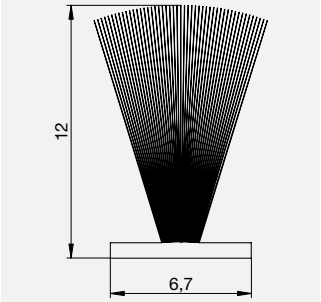


- Placed in the groove in handle profile
- Alternative to seal brush
- Absorbs the impact of the door when closing
- Limits the penetration of dust into the cabinet

Grey	Black	White
F007923	F007924	F007925

⑩ Riex VR30/31 Dust Brush



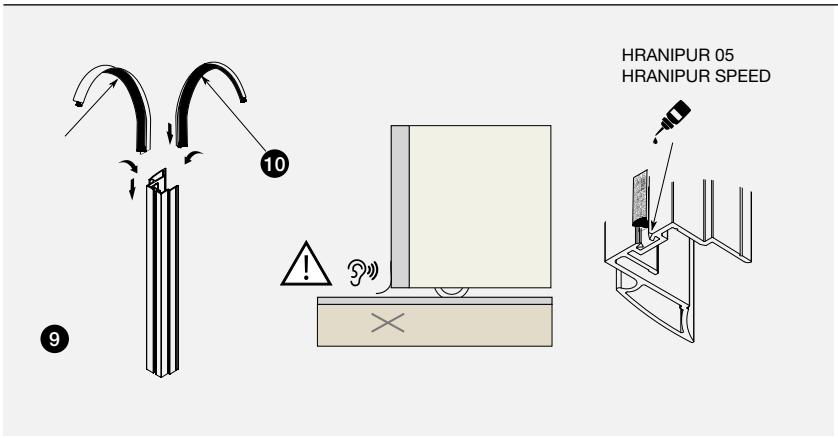


- Width 4.8 mm, height 12 mm, grey

● Grey

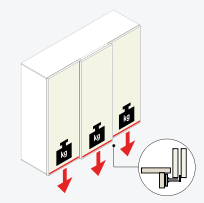
Type of installation	Code
Inserted in groove	**F007921**
Sefl adhesive	**F007922**

Installation



ⓘ Dust brush can make noise when fall down and touch rail.
Fix brush or gasket by glue, clip or by pressing end to avoid this problem.

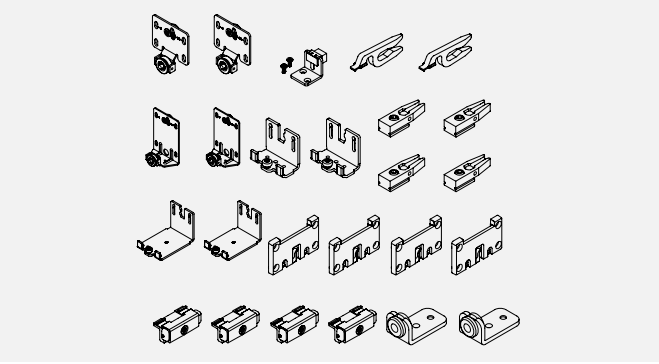
Hawa Combino





- Bottom running system with door weight on base
- Load capacity 50 kg per door
- Thickness 19 mm

● Hawa Combino 50 H FS – Fittings



ⓘ Fittings [2 door version]

- Fitting without soft closing

Minimum width of door:
- 1 side damping 450 mm
- 2 side damping 600 mm

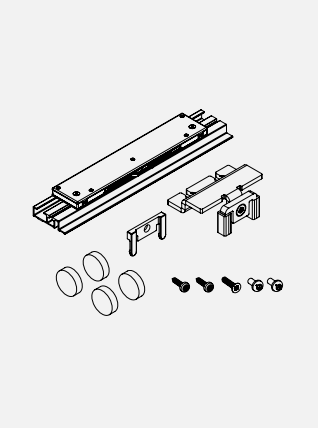
Installation video:

Set for	Code
2 doors	**F004745**
3 doors	**F004746**

● Hawa Combino 50 H FS Soft-close



ⓘ **F004747**

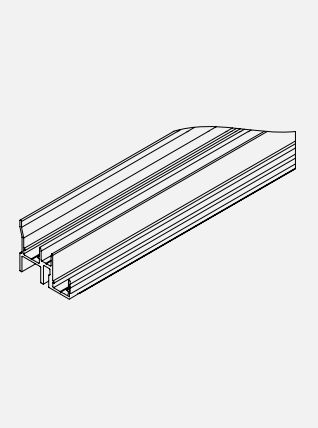


ⓘ **F004748**

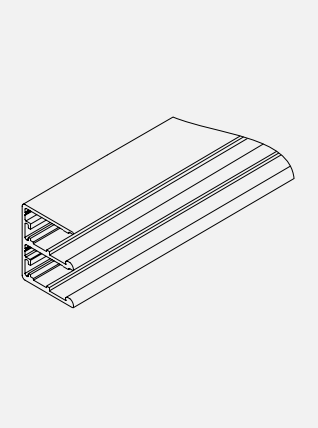
Type	Code
2 doors soft-close [1 side damping]*	**F004747**
Soft-close for middle door	**F004748**

* Set includes 2 pcs of damper, 2 sets are needed for damping both sides.

● Hawa Combino 50 H FS Rails



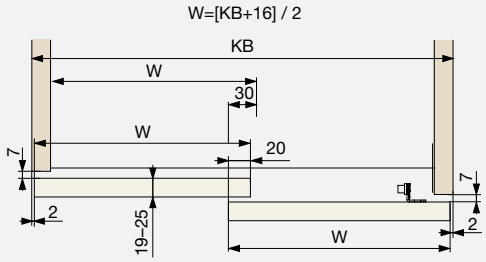
ⓘ Upper rail

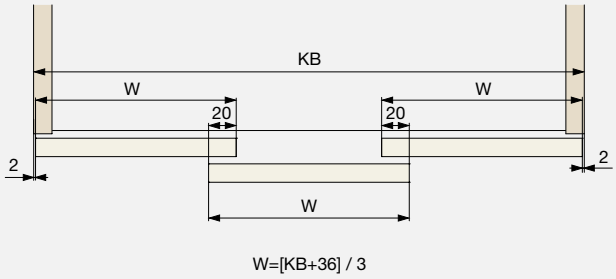


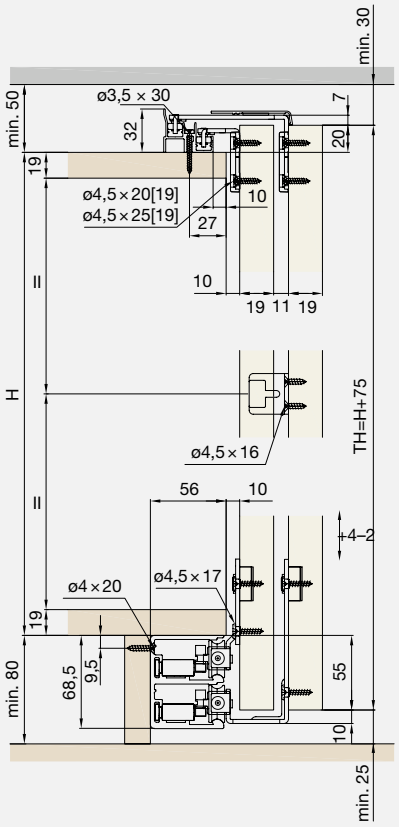
ⓘ Bottom rail

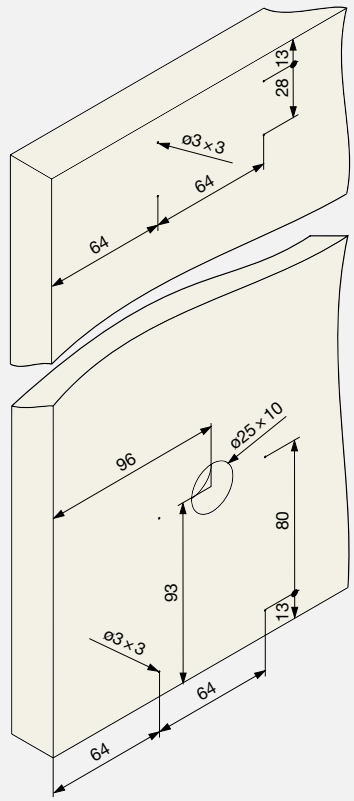
- Silver anodised, predrilled

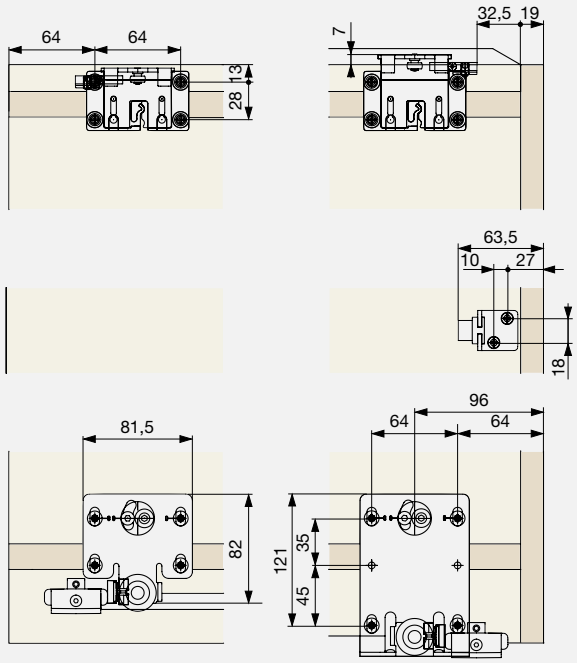
Length [mm]	Upper rail	Bottom rail
2500	**F004751**	**F004749**
3500	**F004752**	**F004750**


W=[KB+16] / 2
KB
W
30
W
20
7
7
2
19–25
W
2

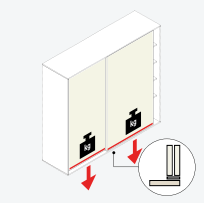

KB
W
W
20
20
2
2
W
W=[KB+36] / 3


min. 30
min. 50
ø3,5 × 30
32
7
20
19
ø4,5×20[19]
ø4,5×25[19]
10
27
10
19 11 19
H
TH=H+75
ø4,5×16
56
10
4–2
ø4×20
ø4,5×17
19
min. 80
68,5
9,5
55
10
min. 25


28
13
ø3×3
64
64
96
ø25×10
80
93
13
ø3×3
64
64


64
64
28
13
32,5
19
7
63,5
10
27
18
81,5
82
96
64
64
121
35
45
back door
front door

Riex ES44





- System for smaller cabinet with sliding doors
- Load capacity 30 kg per door
- Ball bearing

Riex ES44
Sliding System – Fitting

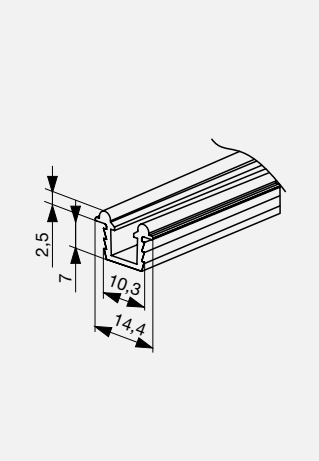


- Black plastic

Type	Code
Set for 1 door	F003396

Riex ES44
Single Rail

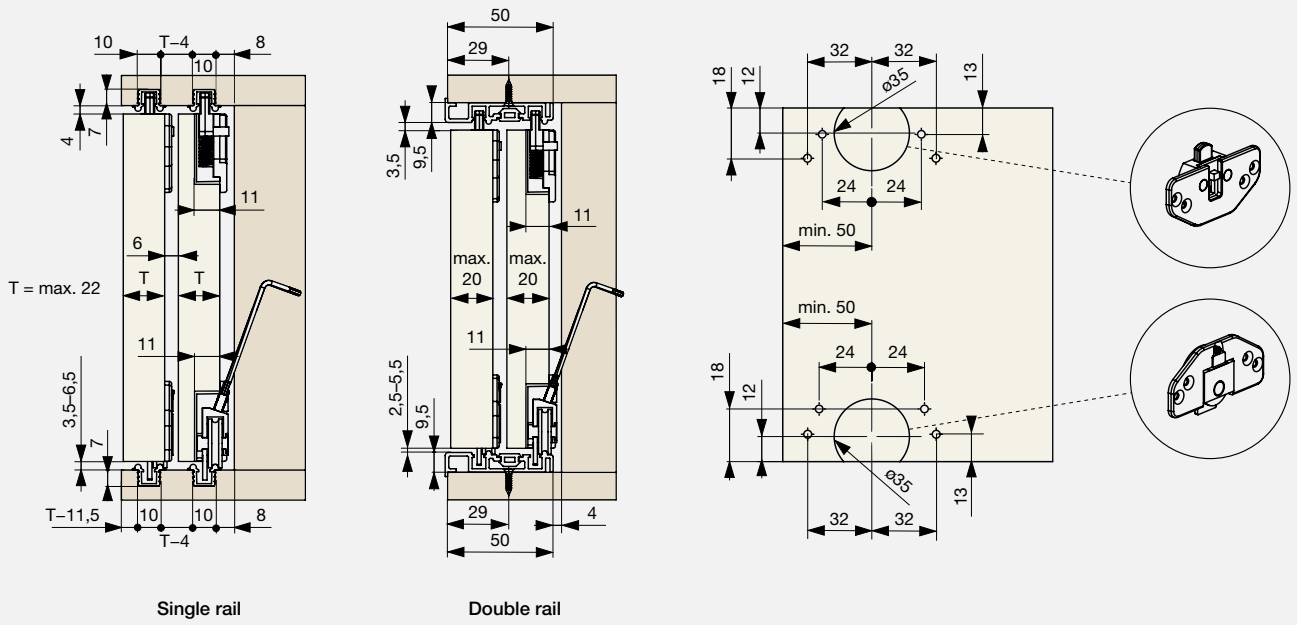




- Silver anodised

Recommended glue:
- Hranipur 05
- Hranipur SPEED

Length [mm]	Code
1200	F003397
2000	F003398
3000	F003399

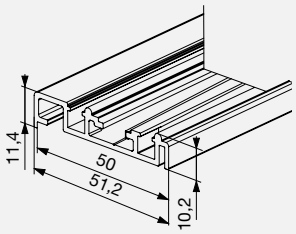


Single rail

Double rail

Riex ES44
Double Rail



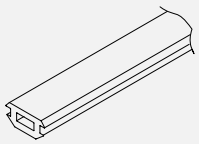


- Silver anodised

Length [mm]	Code
2000	F003401
3000	F003402

Riex ES44
Cover Profile for Double Rail





- Cover for double rail
- Grey plastic

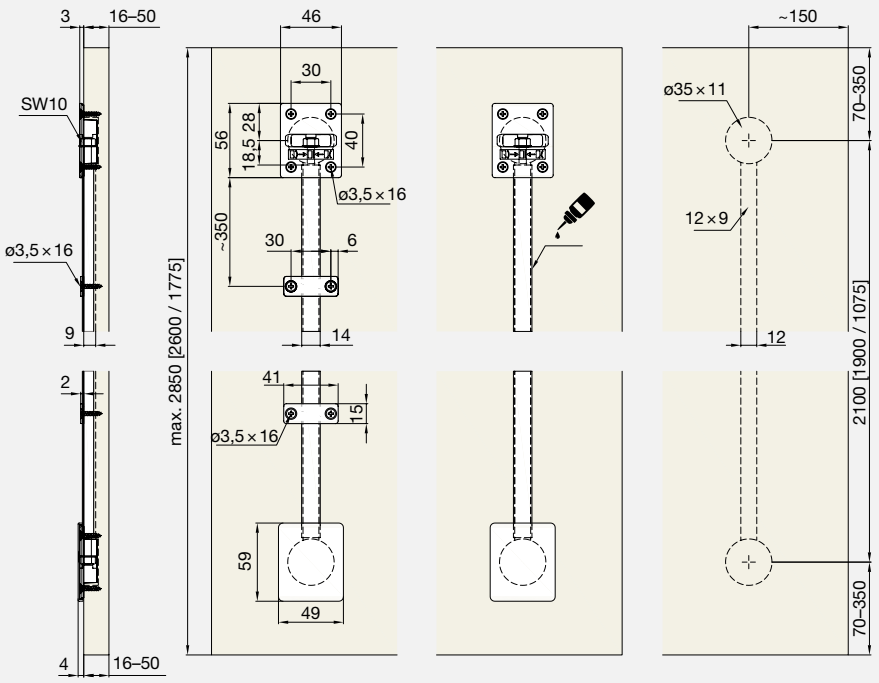
Length [mm]	Code
3000	F003403

Straightening Fittings



- Bigger doors can deflect or sag, especially using an off axis, or bottom load solution
- Can also be used for larger boards in horizontal position

● Hawa Straightening Fitting



- Set include 2 pcs
- Set for one door up to 2600 mm
- Can be shortened for doors 1775–2040 mm

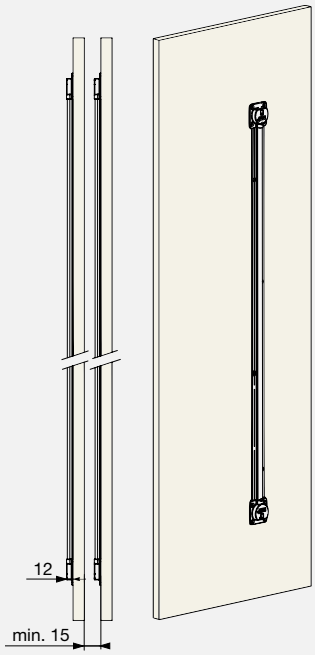
Recommended glue:
- Hranipur 05
- Hranipur SPEED

Colour	Code
Silver anodised	**F004793**
Black	**F004794**

Riex ES02
External Door Alignment







- External door alignment
- No groove needed
- Metal construction
- Minimum distance between two doors to install 15 mm
- Length 2030 mm, can be shortened

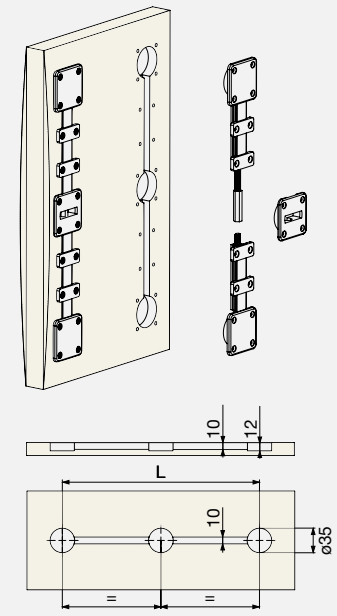
Colour	Code
Silver anodised	**F003377**

- For wider doors [over 600mm] is recommended using 2 pcs
- Can be installed in horizontal position too
- For height of door below 2200 mm need to be cut

Riex ES03
Door Alignment







- Door alignment
- For board min. thickness 18 mm
- Max. distance 2250 mm
- Can be shortened to any length

- For wider doors [over 600 mm] is recommended using 2 pcs
- Can be installed in horizontal position too

Colour	Code
Black	**F003404**
White	**F003405**

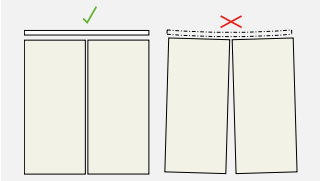
CONTENT

Interior Doors

Sliding interior doors are a space saving solution. A wide range of solutions cover different design requirements and mounting methods.



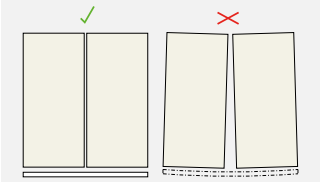
Tips and Recommendation for Sliding Systems



Rails

Straight and horizontally positioned rails guarantee reliable function.

Rails must be clean and without scratches to ensure quiet function.

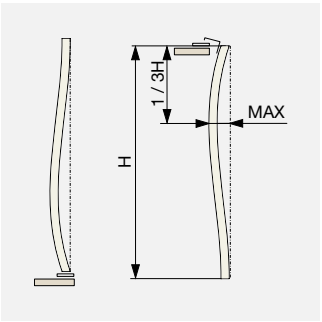


ⓘ Correct installation of rails

Wheels

Take care when installing door to cabinet. Clean and check rails before installation. Wheels can be damaged by hard dirt such as sand, metal filings, etc., as by damaged rails [dents, dings etc.]. Never install wheel to damaged rails.

Put door to rail with care, the impact can create a flat area surface on the wheel and then wheels never work quietly. It will make a regular noise when moving the door.

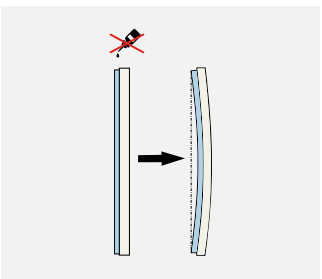


Curving of Doors

Especially overlapped and high doors can curve. Overlapped doors are hung off the centre of gravity, so there is always a lateral force causing the doors to sag. High doors can curve by their own weight, especially with bottom load solutions.

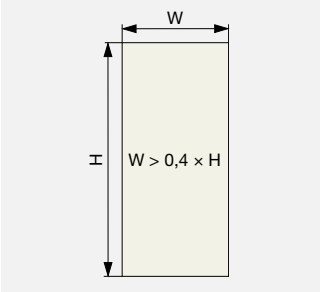
For this case **we recommend using straightening fittings,** see p. 12.73–12.74.

Another reason for curving can be double materials. Painting, installation of foil etc. to one side only can be reason for sagging too. The same surface from both sides can prevent this problem.



Never Spread Glue for Glass / Mirror All over the Board!

Each material has a different expansion and therefore there is a high probability of sagging without the possibility of straightening.

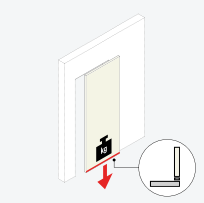


Jumping Doors

Narrow and high door are not stable. Especially in combination with soft-close function and faster movement can make the door jump. The inertia of the wing is in the centre, but the dampers are usually located at the edge or outside the wing, so there is a lever that can lift the wing.

We recommend making **the width of door more than 40% of the door height.**

Sisco Hidden





- System with hidden rail
- Weight of the door is loaded on floor
- Width of door max. 1150 mm
- Requires hard floor, carpets are not suitable
- Load capacity 80 kg per door

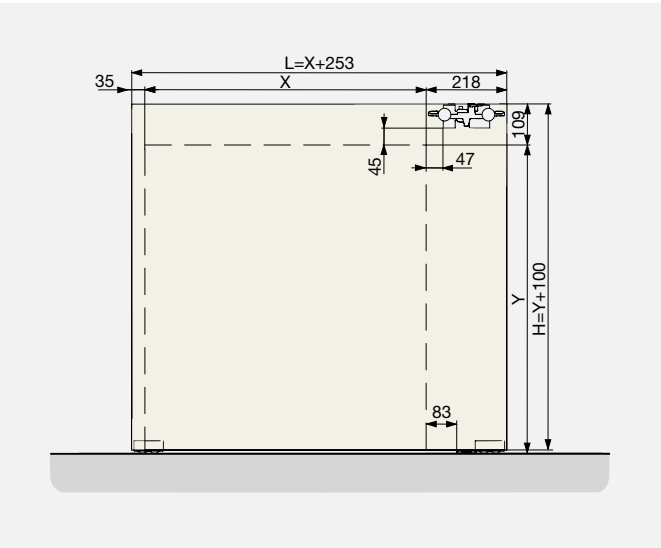
● Sisco Hidden

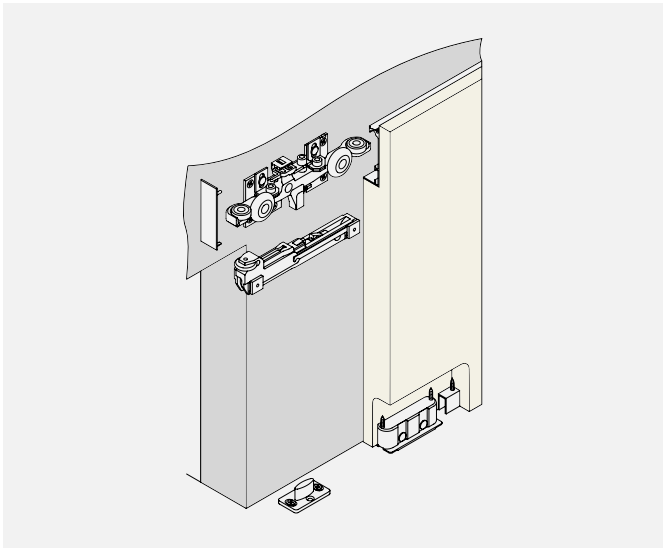


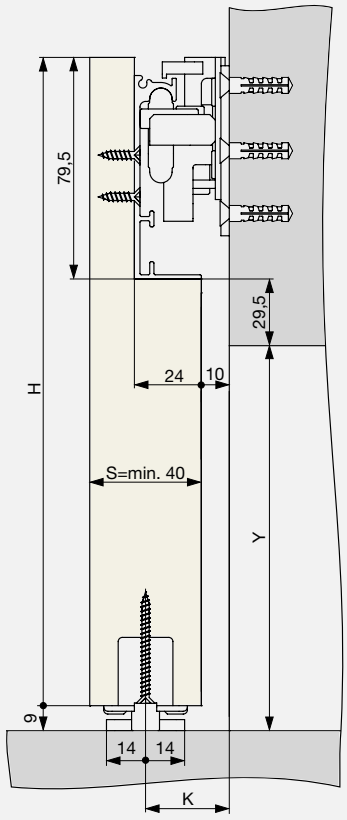
ⓘ Length of rail on picture is shortened

- Set for 1 door with rail
- Full soft-close
- Minimum width of door 650 mm
- Optimal for width of construction 700–900 mm
- Recommended width 43% of height of door
- Dampers need to be activated, open and close door slowly first time

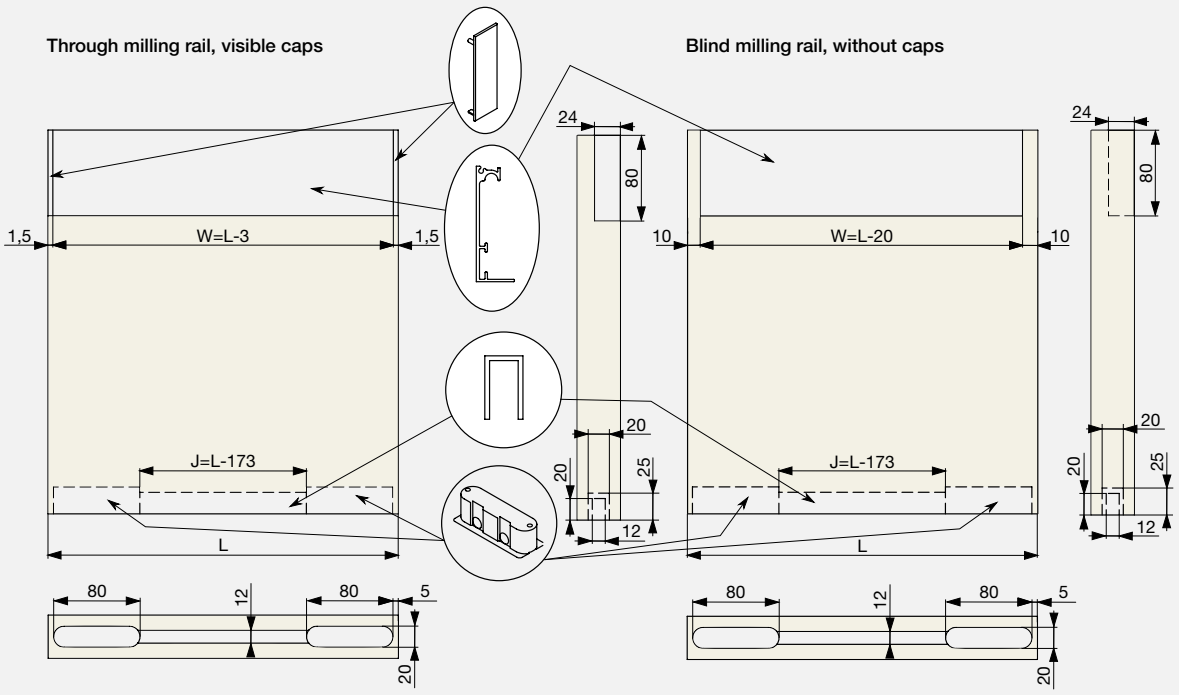
Door weight damper	Code
40 kg	F004863
80 kg	F004864



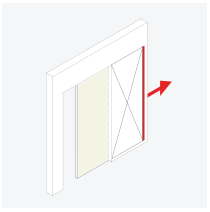



79,5
29,5
H
24
10
S=min. 40
Y
9
14
14
K

H=Y+100
K=10+S / 2


Through milling rail, visible caps
Blind milling rail, without caps
1,5
W=L-3
1,5
J=L-173
L
80
12
80
5
20
24
80
10
W=L-20
10
J=L-173
L
20
25
12
20
24
80
20
25
12
20

Cinetto PS66





- System without upper and bottom rail
- Load capacity 50 kg per door
- Minimum height of door 2100 mm
- Minimum width of door 1080 mm
- Weight of the door is hung on the side

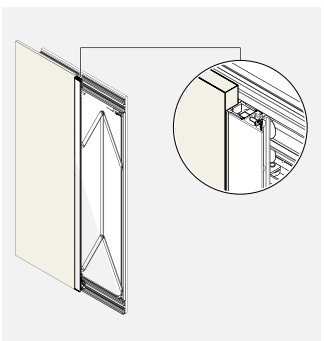
● Cinetto PS66
Retractable Sliding Door

Opening direction	Height of door [mm]	Retractable mechanism		Assembly kit for wooden door		Assembly kit for glass door
Right	2100–2400	**F004826**	+	**F004830**	or	**F004834**
	2400–2700	**F004827**	+	**F004831**	or	**F004835**
Left	2100–2400	**F004828**	+	**F004832**	or	**F004836**
	2400–2700	**F004829**	+	**F004833**	or	**F004837**

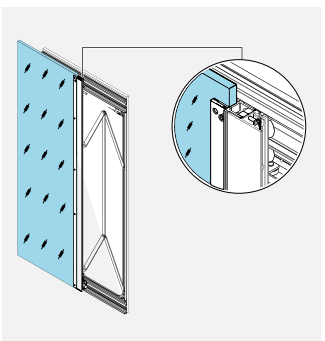
To get functional system it is necessary to order: Retractable mechanism + assembly kit [wooden or glass door].



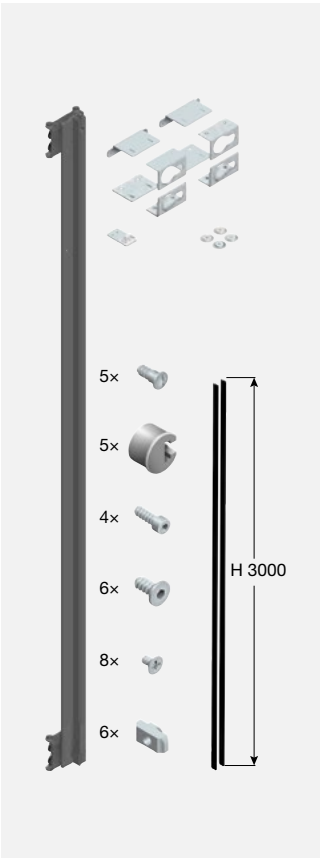
ⓘ **F004826**



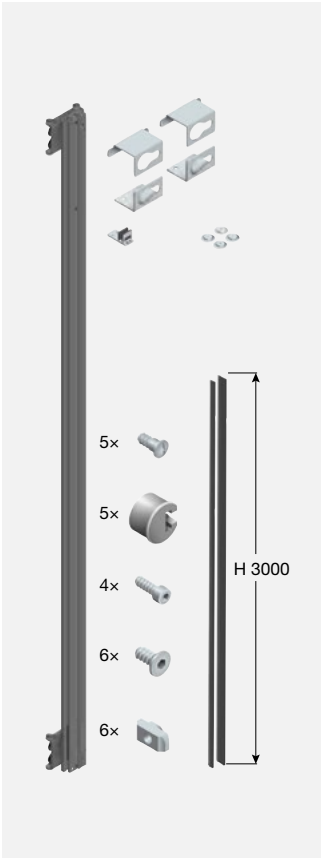
ⓘ Retractable mechanism with wooden door



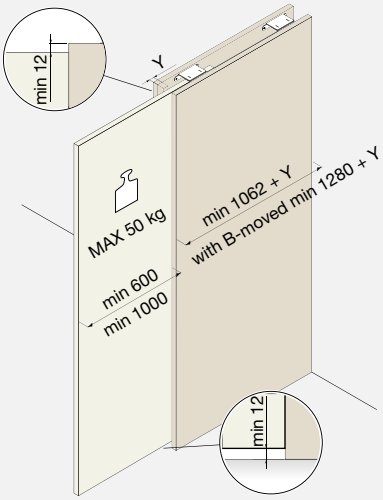
ⓘ Retractable mechanism with glass door



ⓘ **F004830**



ⓘ **F004834**



● Cinetto PS66
Electrically Operated System B-moved



- Electric system for opening and closing of the doors
- Standard version need touch pulse to open / close door or use included remote control
- Minimum height of door 2200 mm
- Minimum width of door 1280 mm

To have a functional set you will need to order:
- B-moved system kit [left or right] + unit control
- To have touchless solution add wave sensor with cable and accessories

Type	Code
Kit for right door	**F004838**
Kit for left door	**F004839**
Electronic unit control with remote control	**F004840**

● Cinetto PS66
Wave Sensor

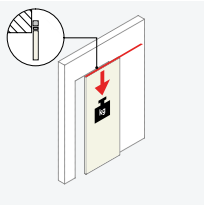


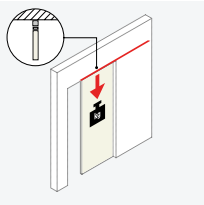


- Enhancement by touch-free function
- Opened by waving in front of the sensor
- Wave sensor can be installed up to 10 m from receiver
- Wireless connection allows installation outside of cabinet
- Wave sensor works through a maximum of 10 mm thick material, excluding metallic or conductive material, such as a mirror
- Cable with connector is designed for connection B-moved unit control [**F004824**] with external switch [Smart home switch device]. Impulse around 0.5 second is needed to open / close the door

Type	Code
B-moved Wave Sensor	**F004825**
Cable for auxiliary control input	**F004824**

Hawa Junior

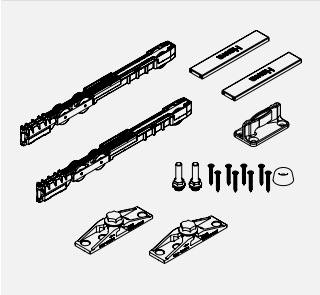




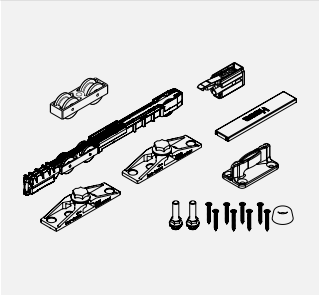
- Hawa – high quality fittings for sliding doors from Swiss producer
- Fitting for interior wooden door
- Incomparably low opening forces of max. 22 N
- Load capacity 100 kg per door
- Long lasting solution, warranty: 15 years for private use 7 years for commercial use Tested for 100.000 cycles, usually over 25 years of reliable working
- Comply with the requirements of EN 1527:2019



● Hawa Junior 100 Z
Sliding System – Set of Fittings

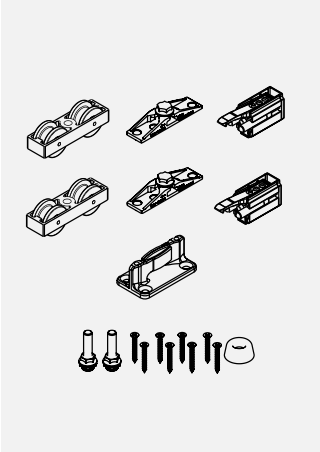


ⓘ **F004719**

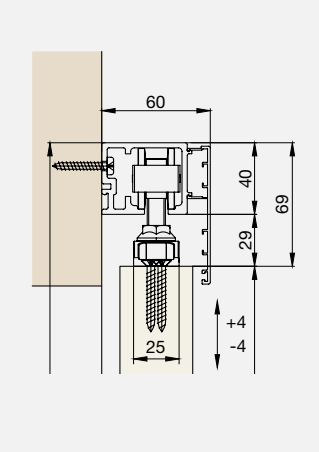


ⓘ **F004720**

- Fastening by clamps, gap 29 mm ±4 mm
- Width of door should be at least 40% of height for stable function



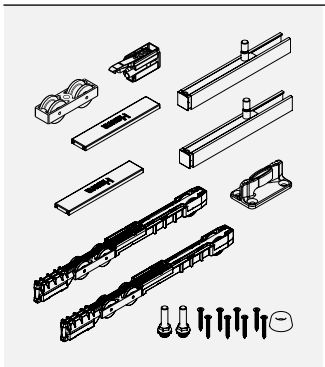
ⓘ **F004721**



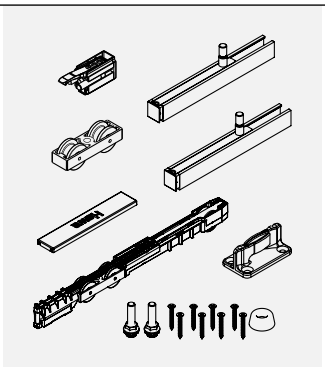
ⓘ **Installation with wall rail**

Type of damping	Min. door width [mm]	Code
2× magnetic SoftMove	800	**F004719**
1× magnetic SoftMove, 1× spring stopper	650	**F004720**
2× spring stopper	×	**F004721**

● Hawa Junior 100 B
Sliding System with Low Gap – Set of Fittings

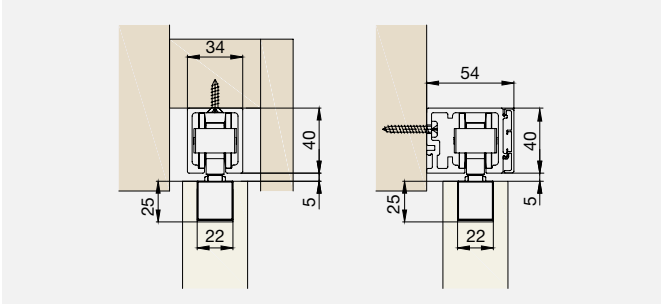


ⓘ **F004722**



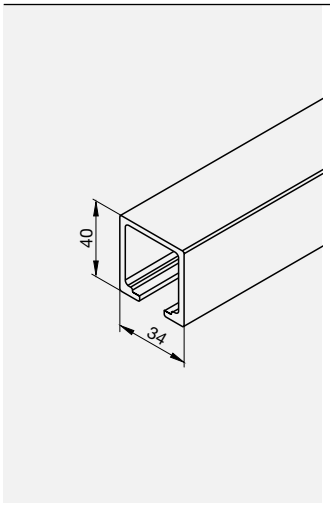
ⓘ **F004723**

- Low gap solution, only 5 mm between door and rail
- Hidden clamps, need grooving
- Width of door should be at least 40% of height for stable function

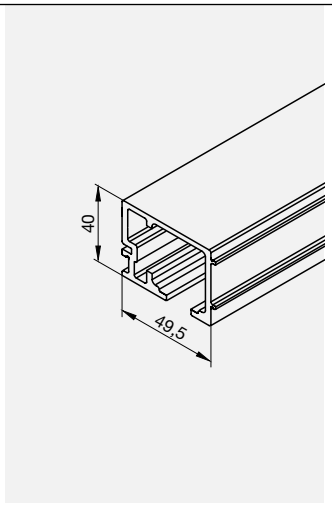


Type of damping	Min. door width [mm]	Code
2× magnetic SoftMove	800	**F004722**
1× magnetic SoftMove, 1× spring stopper	650	**F004723**

● Hawa Junior 100
Rails



ⓘ Ceiling installation

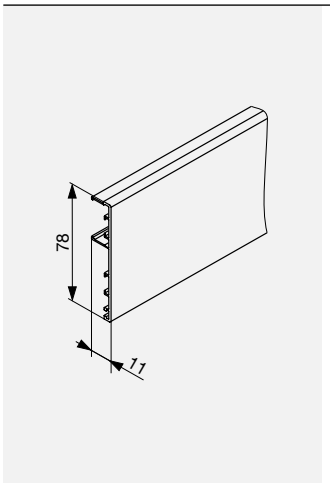


ⓘ Wall installation

Installation	Length [mm]	Code
Ceiling	1800	**F004724**
	2500	**F004725**
	3000	**F004726**
	4000	**F004727**
	6000*	**F004728**
Wall	2000	**F004729**
	3000	**F004730**
	6000*	**F004731**

* Please check delivery time and condition before ordering profiles in length 6000 mm.

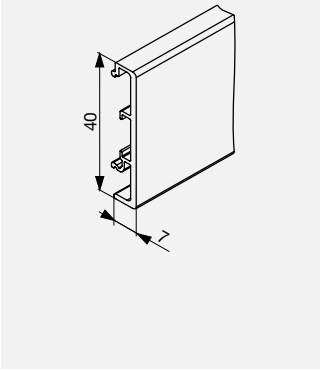
● Hawa Junior 100
Cover Profiles



- **Cover for classical solution**
- Silver anodised

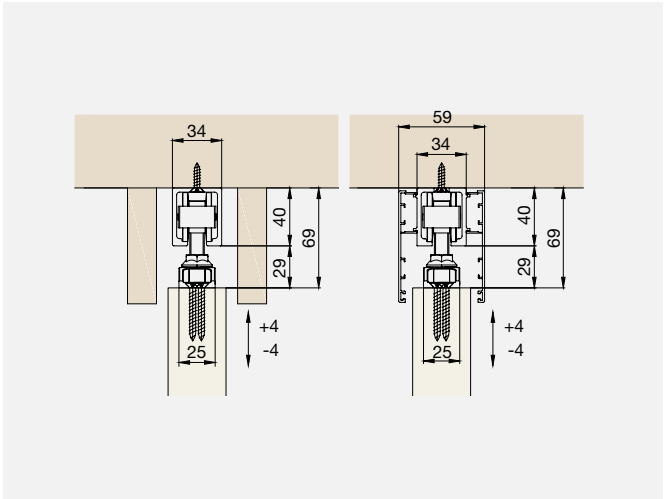
Length [mm]	Code
2000	**F004733**
3000	**F004734**
6000*	**F004735**

* Please check delivery time and condition before ordering profiles in length 6000 mm.

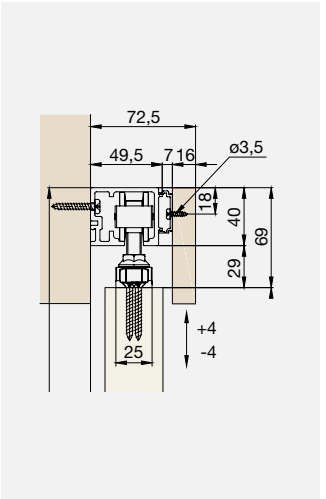


- **Cover for low gap solution**
- Silver anodised

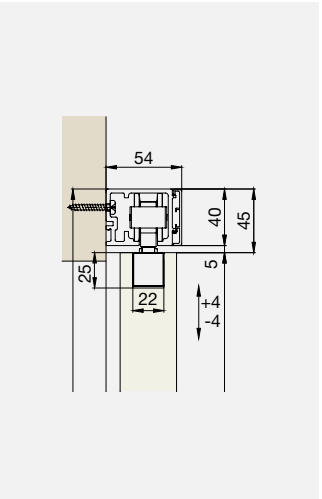
Length [mm]	Code
2000	**F004736**
3000	**F004737**
6000*	**F004738**



ⓘ Ceiling installation

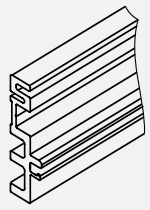


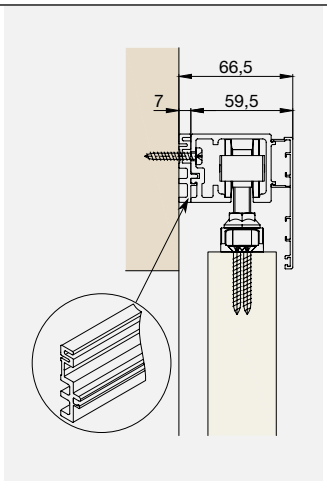
ⓘ Wall installation



ⓘ Wall installation with cover profile low gap

● Hawa Junior 100
Spacer for Thicker Door



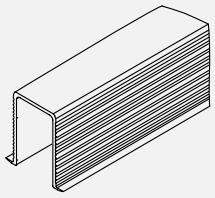


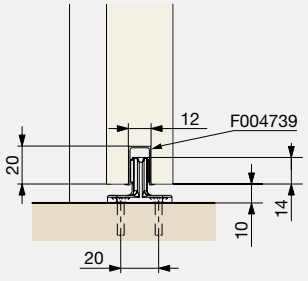
ⓘ Wall installation with spacer

- Solution for thicker doors and wall mounting rails
- Extend distance from wall + 7 mm
- Grey plastic

Length [mm]	Code
2000	**F004732**

● Hawa Junior 100
Guide Profile

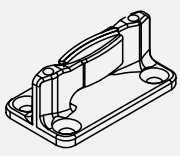




- Bottom profile for smooth and silent movement
- Plastic

Length [mm]	Code
1300	**F004739**

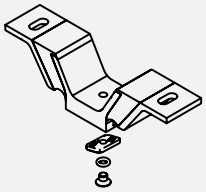
● Hawa Junior 100
Bottom Guide

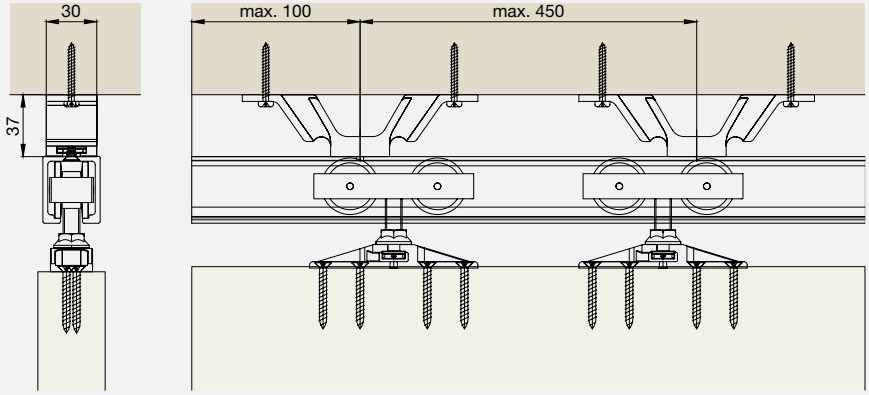


- Designed for anti – shake door in combination with guide profile
- Black plastic

Type	Code
Bottom guide	**F004740**

● Hawa Junior 100 SoundEx

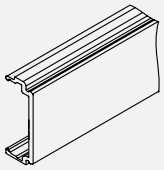


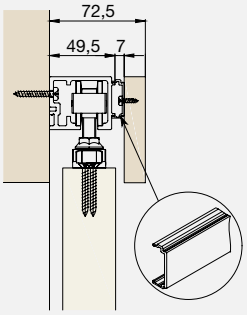


- Noice reducing element
- Used between ceiling and rail to reduce noice and vibration transmission

Type	Code
SoundEx element	**F004741**

● Hawa Junior 100 Clips for Wooden Panel



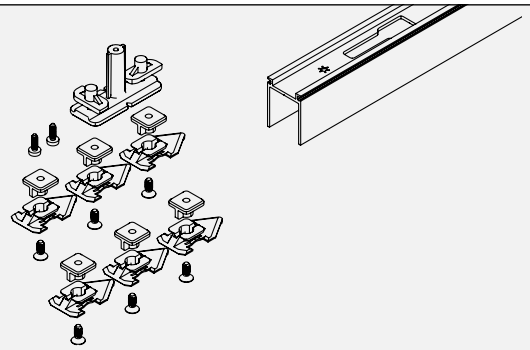


ⓘ Wall installation with wooden panel

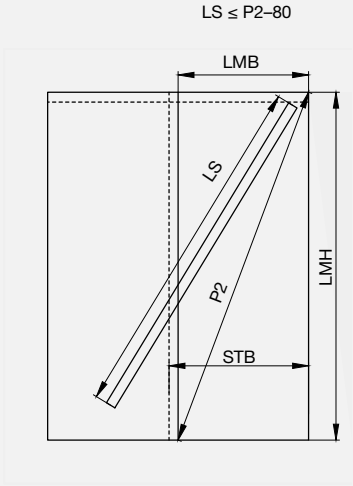
- To attach the panel to the rail.

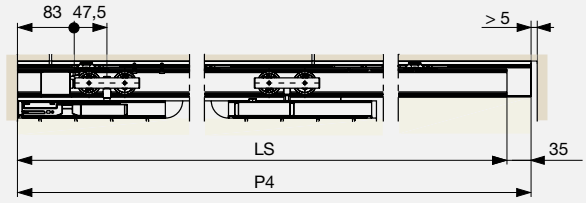
Type	Code
Clip	**F004742**

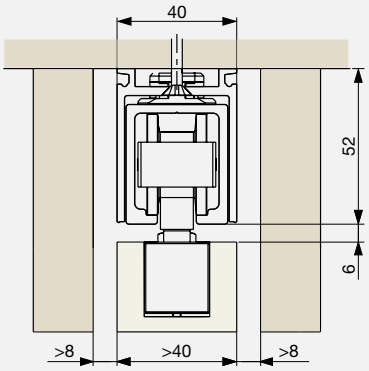
● Hawa Junior
Pocket Profile

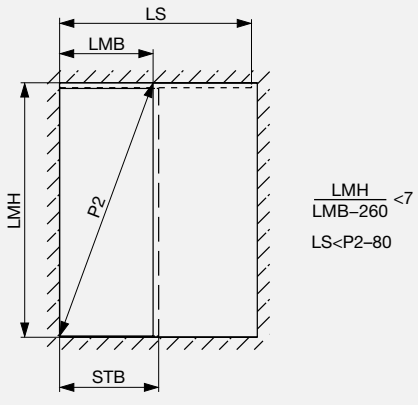


- Additional profile for pocket door, for ceiling installation
- The standard rail is installed inside this profile
- Bayonet lock allows later installation of rail or its removal in case of repair
- Prepared for Hawa Junior 100 ceiling rail profile
- Set of profile with accessories





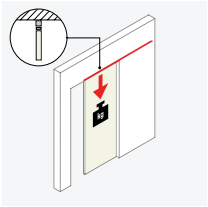




- Silver anodised, predrilled, with bayonet

Length [mm]	Code
2000	**F004743**

Riex ES25





- System for interior sliding door
- Load capacity 100 kg per door
- Smooth and silent function

Riex ES25
Fittings without Soft-Close



- Without soft-close, weight max. 100 kg

Type	Code
Set for 1 door	F003347

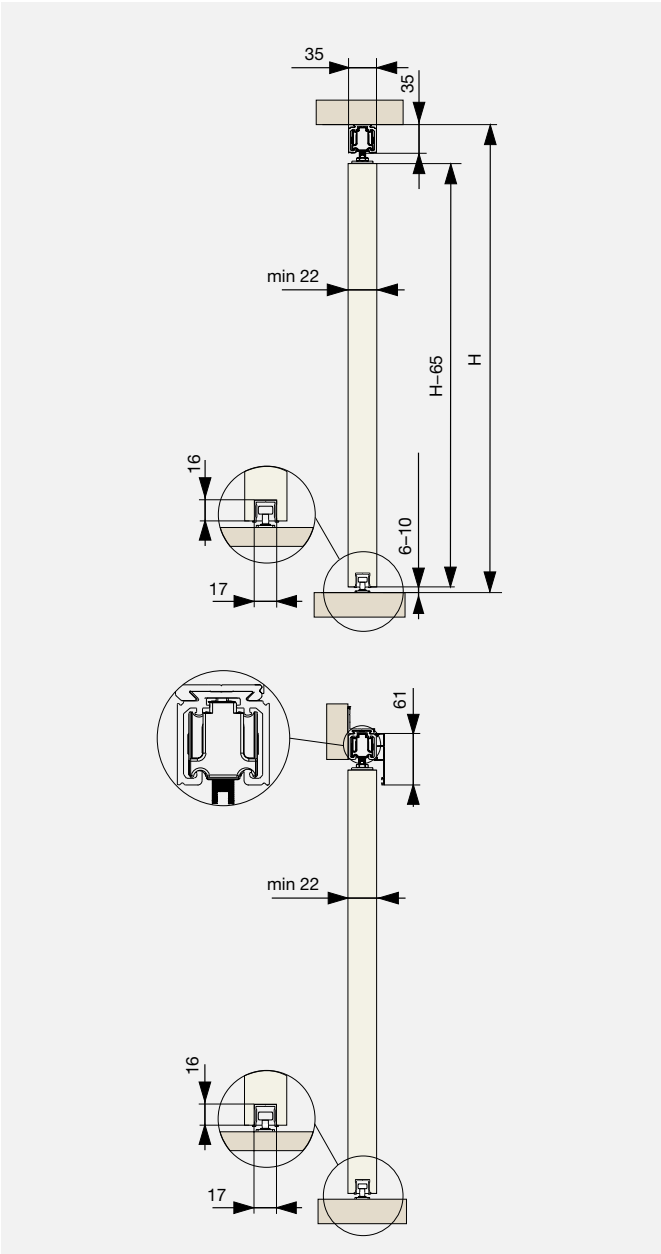
Riex ES25
Double Side Soft-Close



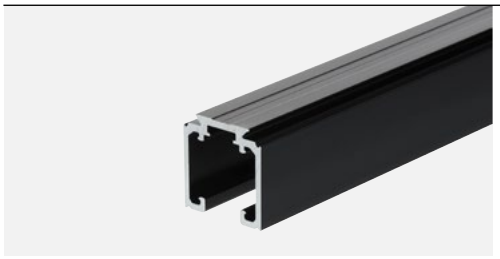
- Width of door min. 550 mm
- Set for 1 door

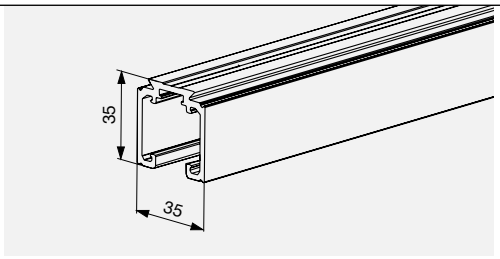
Damper capacity	Code
60 kg	F003348
80 kg	F003349

Soft-close version requires width of door min. 550 mm. Width of door should be over 40 % of height for stable function of soft closing without jumping.



Riex ES25
Upper Rail



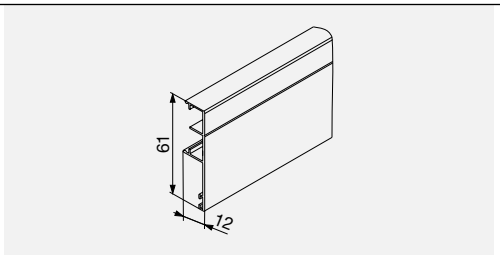


- Black anodised aluminum

Length [mm]	Code
2000	**F003352**
3000	**F003354**
4000	**F003355**

Riex ES25
Cover Profile



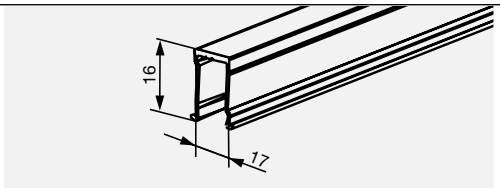


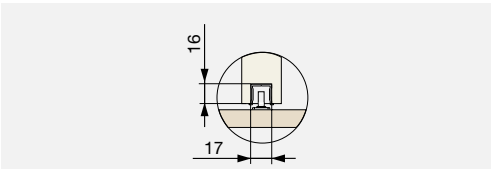
- Black anodised aluminum
- Side cover **F011093** [pair L+R]

Length [mm]	Code
2000	**F003358**

Riex ES25
Bottom Profile





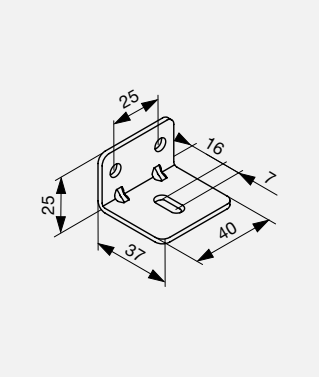


- Black anodised aluminum
- Bottom guide is included in fittings ES25

Length [mm]	Code
2000	**F003356**

Riex ES25
Wall Mount Element





- Quality function of sliding system depends on quality fastening, straight rail, it must't sag, wobble etc.

Type	Code
Wall mount	**F005169**

Recommended pitch 40–50 cm [according weight and wall strength]:

Rail length [m]	1.6	2	2.5	3	4
pcs	5	6	7	8	10

Lights and Electrical Equipment

Lighting plays a key role in kitchens but is becoming an important element in wardrobes and other furniture. Our ability to process information largely relies on sight, making proper lighting crucial. To simplify your decision-making process, we have prepared LED strips, LED profiles, smart light control sensors, and all accessories. Choose from Riex products, which come with a five-year warranty.



● **Lights and Electrical Equipment** **13.3**
About Lights 13.3

● **Lighting Systems 24V** **13.5**
LED Strips 24V Single Colour 13.6
LED Strips 24V Special Solution 13.11
LED Strips 24V RGB 13.14
LED Power Supplies 24V 13.15

● **Lighting Systems 12V** **13.19**
LED Strips 12V 13.19
LED Power Supplies 12V 13.21
LED Lights 13.23

● **LED Profiles** **13.25**
LED Profile Surface Mounted 13.27
LED Profile Corner Installation 13.31
LED Profile Recessed 13.35

● **Sensors and Accessories** **13.39**
Sensors and Switches 13.40
Wireless Switches 13.43
Distributors and Cables 13.51
Connectors and Accessories 13.54

● **Electrical Sockets** **13.57**

● **Charging Points** **13.73**

Lights and Electrical Equipment

Introduction

We cannot imagine life without electricity, essential for lighting, communication and comfortable living. The majority of information we gain by sight. By choosing the right lighting we are able to influence the impression, perception or mood. It's advisable to plan the lighting and wiring right at the beginning. This makes it easier to ensure correct location of components, saving time and expense.

A functional lighting system typically includes the components listed below.

❶ LED Strips

Description
- LEDs installed on strips with copper wires and are emitting light
- Can be cut on marked area [line with scissors]
- Equipped with cable with MINI connector or soldering [points on LED strip] or Quick connectors
- COB – Special type of LED strip with invisible dots, high density of LEDs make continuous line

Parameters
- Density – LEDs pcs/m, higher density provides a continuous line of light
- Power – consumption in W/m
- Voltage [12V or 24V DC] should be the same for whole system
- IP rating – protection level of resistance against water
- Lumen – the power of emitted light current
- Temperature – see box
- CRI – see box

Manipulation
- Do not touch diodes during manipulation, do not bend the strip at a sharp angle
- The correct polarity is essential, opposite polarity doesn't damage the LEDs, but they will not light up
- Discharge any static charge by touching to grounded object [heater, tap] or use grounding equipment before manipulation with LED strips
- LED strips emit heat, use LED profiles

❷ LED Profiles

Cooling
Necessary for long term function of LED strips.

Protection
Protect LED strip against mechanical damage.

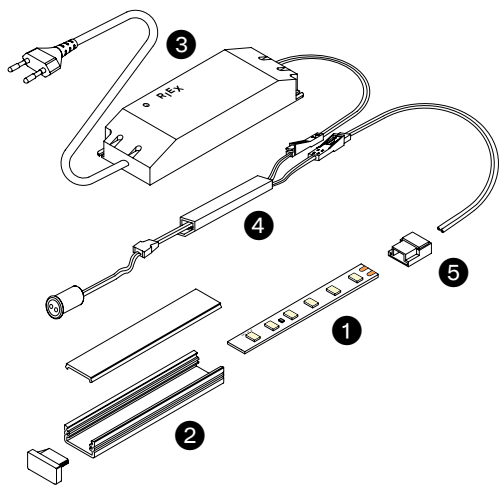
Design
Can compliment, or ever improve the impression and / or the aesthetic.

❸ LED Power Supply [LED Drivers]

LED lights require a power supply with the appropriate voltage.

Our LED drivers advantages:
- Fitted with a cable with plug to allows handling by unqualified persons
- High power factor [efficiency], low standby consumption, complies with the latest EU requirements, free of flickering and stroboscopic effect

See p. 13.16 to select the right driver for your power needs.



❹ Sensors and Switching

Door sensor
Switches on the lights when the door is opened, recommended for cabinets in darker locations.

Movement sensor
Wave behind sensor to switch on, contact–less, hygienic solution.

PIR sensor
Switches on the lights if movement is detected [within 1–3 m].

Wireless sensor
Independent installation of sensors, up to 10 m from controllers, allows combination of more sensors or controllers.

Wifi
Control lights by your smartphone.

The wattage of the lights connected to the sensor must not exceed the power of the sensor.

❺ Accessories

Various accessories make installation faster and easier. Distributors, fast connectors, cables, clips cooperate with sensors and drivers.

Parameters

An explanation of the parameters indicated for the lights.

Voltage

In our offer are available 24V and 12V option. We recommend 24V, see comparison of LED strips:





24V

+ New technology with high efficiency
+ A popular furniture lighting solution
+ Higher maximum power
+ Low power loss
+ Longer LED strip lengths
+ Smaller lighting drop [over distance]
- Longer cutting modules

12V

+ Common in the past, so can combine old and new light
+ Shorter cutting modules
- Lower maximum power
- Larger drop of lighting
- Usually older technology with less efficiency

CRI

This important parameter shows how accurately the light source recreates natural light. Our lights have a CRI Ra output higher than 80. This is the minimum limit for commercial and residential areas. Our range also includes lights with a CRI Ra of over 90, and provide a very natural light.



ⓘ CRI Ra 70



ⓘ CRI Ra 80



ⓘ CRI Ra 90

Recommended Minimum Lux

The values below are the minimum recommended values, a dark environment reduces the reflectivity and affects the measured values.











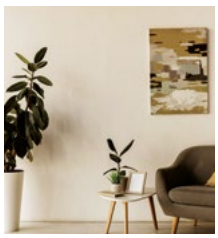
20–50	50–100	100–150	250–500	500–1000
Corridor / Public area	Bedroom / Living room	Kitchen / Workroom	Working area in kitchen / Inspection / Workshop	Showroom / Detail inspection

Light Temperature

With LEDs you can choose the light temperature to influence impression.

Our recommendation:

Light colour	Around in Kelvin	Description	Suitable for
Warm white	3000	Soft and comfortable	Bedroom, children's room
Neutral white	4000	Intensive, still comfortable	Living room, kitchen, study room
Cold white	6000	Intensive, highlighting	Workshop, commercial area



● Warm white
~ 3000 K



○ Neutral white
~ 4000 K



● Cold white
~ 6000 K

Lumen

Unit of the light current. Indicates the intensity of light emitted by the light source. Indicates efficiency of source [Lumens per Watt].

Lux

Shows the value of luminous flux on the surface [Lux = Lumen / m^2]. Decreases with increasing distance from the light source and angle of radiation.

Position

Properly positioned lighting must not glare, it is advisable to place the LEDs in a profile, positioned so that the LEDs do not point directly into the eyes. Also consider the position where you are sitting or lying, sometimes glare can occur only in this case.



CONTENT

Lighting Systems 24V

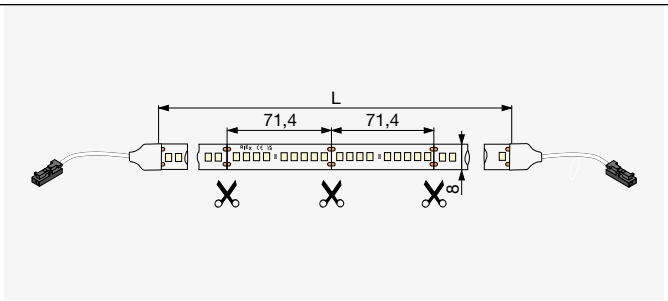
24V has more advantages in electrical appliances:

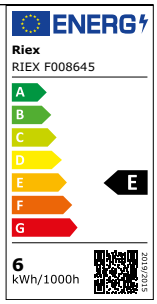
- Safe low voltage
- Allows higher power than 12V LED strips
- Lower drop of lighting, especially for longer lines
- High quality, recommended for long lasting solution
- Meet new ERP EU requirements



Riex EL65 Power 12 W / m, Low Blue Full Spectrum







ⓘ L = 5 m, module 9 diodes

5 years Warranty

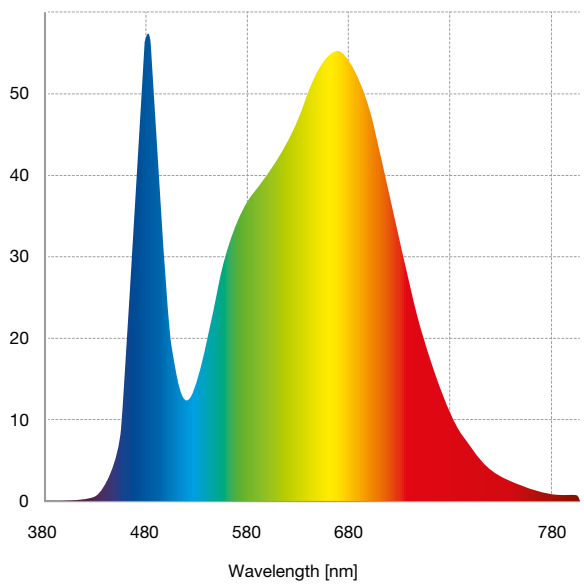
- LED strip full spectrum with minimised emission of blue part of light
- Reccomended for sensitive people, bedromms, living areas etc.
- High light quality reduces distorted colour perception
- High quantity of diodes makes fuller line of light and invisible light dots with opal / black covers on profiles on p. 13.25–13.38
- Cables with MINI connectors from both side for faster application
- The maximum recommended length of LED strip in a single assembly is 5m. Exceeding this length may result in overloading of the wires.

White temperature	Roll 5 m	Temperature [K]	Light output [lm / m]	Diodes / m	CRI Ra
Warm	**F008645**	3000	1440	126	98
Neutral	**F008646**	4000			

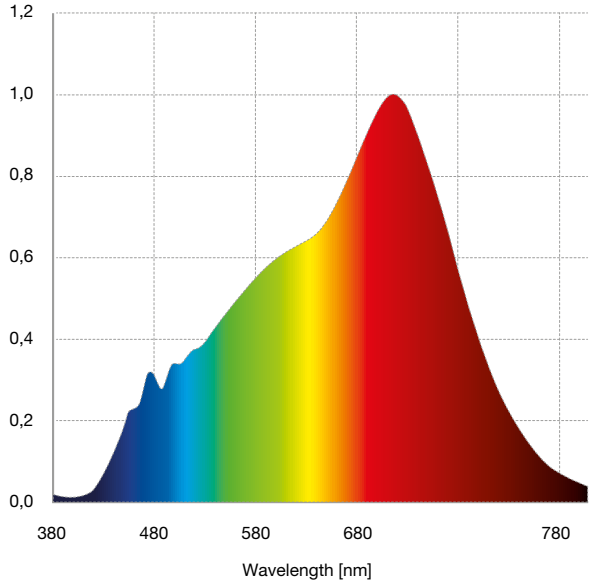
Power supply – see p. 13.16–13.18.
The extended warranty is conditional on installation in aluminium profiles and the use of recommended power supplies.

Information about the blue component of light:
Conventional LED lighting contains a much higher proportion of the blue component, which does not correspond to the natural spectrum – see the graphs below. This has the effect of suppressing the production of melatonin, which subsequently affects the ability to fall asleep and the quality of sleep. By using Riex EL65 LED strips, you will reduce these phenomena.

Common LED strips



Riex EL65 LED strips





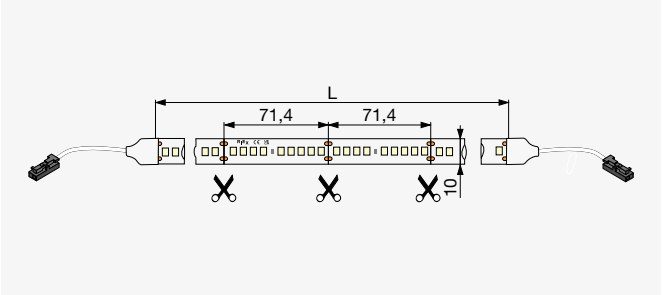
ⓘ LED strip – standard efficiency



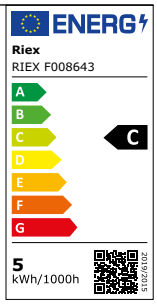
ⓘ LED strip – very high efficiency

Riex EL59 Power 10 W / m, Very High Efficiency





ⓘ L = 5 m, module 9 diodes



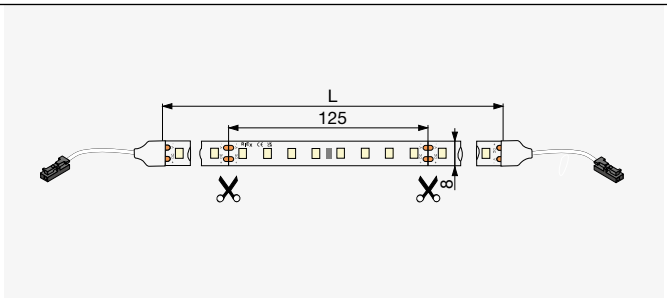
5 years Warranty

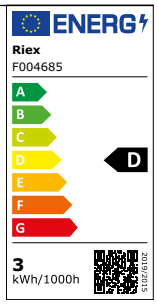
- LED strip with very high efficiency 170 lm / W
- **Saving energy and get maximum light from power**
- High quantity of diodes make fuller line of light and invisible light dots with opal / black covers on profiles on 13.25–13.38
- Cables with MINI connectors from both sides for faster application
- The maximum recommended length of LED strip in a single assembly is 5m. Exceeding this length may result in overloading of the wires.

White temperature	Roll 5 m	Temperature [K]	Light output [lm / m]	Diodes / m	CRI Ra
Warm	**F008643**	3000	1740	126	90
Neutral	**F008644**	4000			

Riex EL51 Power 6 W / m







ⓘ L = 5 m / 30 m, module 8 diodes

5 years Warranty

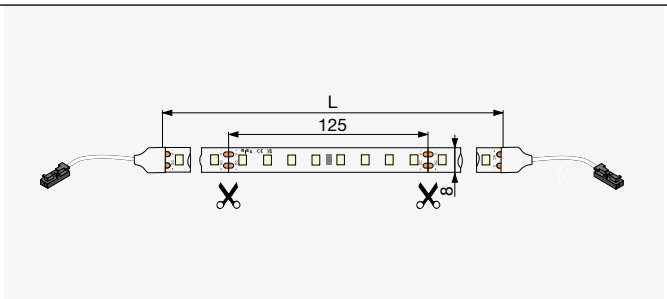
- LED strip with lower power
- High efficency
- Cables with MINI connectors from both side for faster application
- The maximum recommended length of LED strip in a single assembly is 5m. Exceeding this length may result in overloading of the wires.

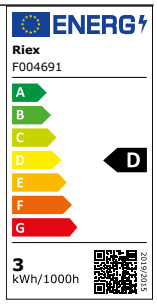
White temperature	Roll 5 m	Roll 30 m	Temperature [K]	Light output [Lm / m]	Diodes / m	CRI Ra
Warm	F004685	F004688	3000	1000	64	90
Neutral	F004686	F004689	4000			
Cold	F004687	F004690	6000			

ⓘ Rolls 30 m for industrial use – must be cut [max. 5 m] before being powered on!

Riex EL52 Power 6 W / m IP54







ⓘ L = 5 m / 30 m, module 8 diodes

3 years Warranty

IP54 Resistance

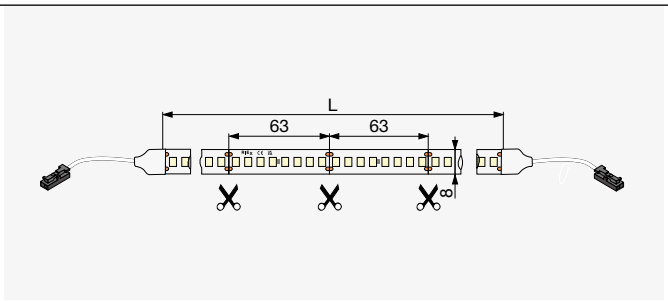
- LED strip with middle lower power
- Protected by silicone gel – waterproof*
- Silicone gel changes the light characteristic, colour and reduces heat dissipation [not recommended for long term lighting]
- The maximum recommended length of LED strip in a single assembly is 5m. Exceeding this length may result in overloading of the wires.

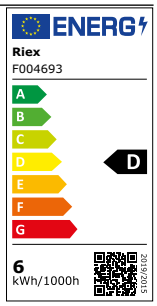
White temperature	Roll 5 m	Temperature [K]	Light output [Lm / m]	Diodes / m	CRI Ra
Warm	F004691	3000	1000	64	90
Neutral	F004692	4000			

Power supply – see p. 13.16–13.18.
The extended warranty is conditional on installation in aluminium profiles and the use of recommended power supplies.
* Silicone coated LED strips are not recommended for permanently wet areas.

Riex EL55 Power 12 W / m







ⓘ L = 5 m / 30 m, module 8 diodes

5 years Warranty

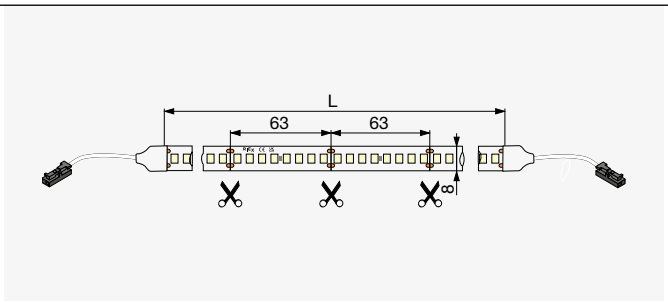
- LED strip with high power
- High quantity of diodes make fuller line of light and invisible light dots with opal / black covers on profiles on p. 13.25–13.38
- High efficency
- Cables with MINI connectors from both side for faster application
- The maximum recommended length of LED strip in a single assembly is 5m. Exceeding this length may result in overloading of the wires.

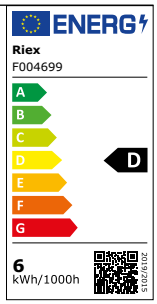
White temperature	Roll 5 m	Roll 30 m	Temperature [K]	Light output [Lm / m]	Diodes / m	CRI Ra
Warm	F004693	F004696	3000	1600	128	90
Neutral	F004694	F004697	4000			
Cold	F004695	F004698	6000			

ⓘ Rolls 30 m for industrial use – must be cut [max. 5 m] before being powered on!

Riex EL56 Power 12 W / m IP54







ⓘ L = 5 m, module 8 diodes

3 years Warranty

IP54 Resistance

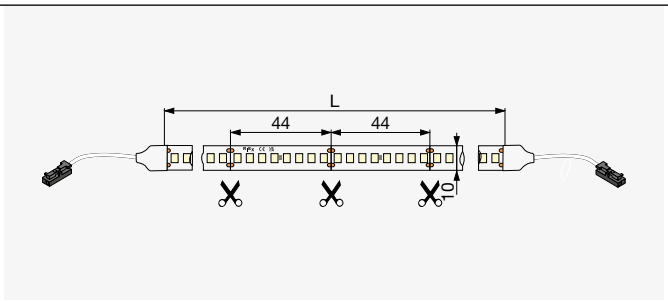
- LED strip with high power
- High quantity of diodes make fuller line of light and invisible light dots with opal/black covers on profiles on p. 13.25–13.38
- Protected by silicone gel – waterproof**
- Silicone gel changes the light characteristic, colour and reduces heat dissipation [not recommended for long term lighting]
- Cables with MINI connectors from both side for faster application
- The maximum recommended length of LED strip in a single assembly is 5m. Exceeding this length may result in overloading of the wires.

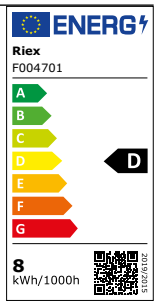
White temperature	Rolls 5 m	Temperature [K]	Light output [Lm / m]	Diodes / m	CRI Ra
Warm	F004699	3000	1600	128	90
Neutral	F004700	4000			

Power supply – see p. 13.16–13.18.
The extended warranty is conditional on installation in aluminium profiles and the use of recommended power supplies.
* Silicone coated LED strips are not recommended for permanently wet areas.

Riex EL58 Power 16 W / m







ⓘ L = 5 m, module 8 diodes

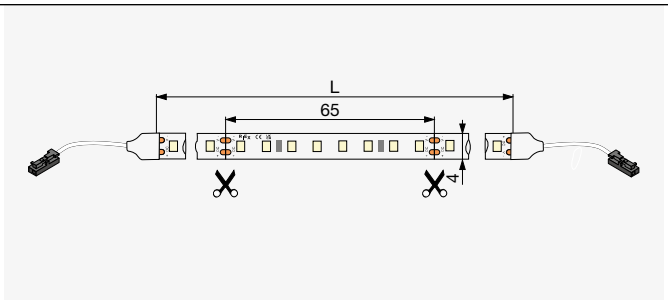
5 years Warranty

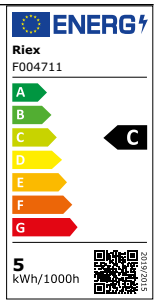
- LED strip with very high power
- High quantity of diodes make fuller line of light and invisible light dots with opal / black covers on profiles on p. 13.25–13.38
- High efficency
- Cables with MINI connectors from both side for faster application
- The maximum recommended length of LED strip in a single assembly is 5m. Exceeding this length may result in overloading of the wires.

White temperature	Rolls 5 m	Temperature [K]	Light output [Lm / m]	Diodes / m	CRI Ra
Warm	**F004701**	3000	2300	176	90
Neutral	**F004702**	4000			
Cold	**F004703**	6000			

Riex EL61 Power 9.6 W / m
Narrow LED strip 4 mm







ⓘ L = 5 m, module 8 diodes

5 years Warranty

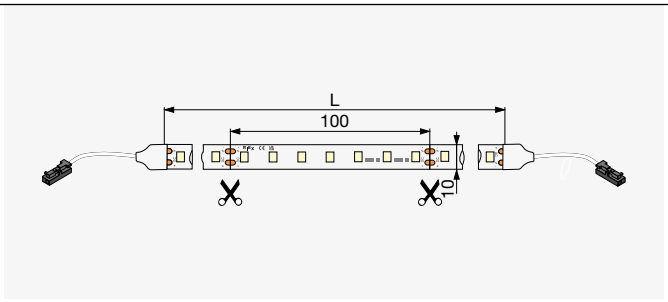
- Narrow LED strip with middle power
- Suitable for slim installation
- High quantity of diodes make fuller line of light and invisible light dots with opal / black covers on profiles on p. 13.25–13.38
- High efficency
- Cables with MINI connectors from both side for faster application
- The maximum recommended length of LED strip in a single assembly is 5m. Exceeding this length may result in overloading of the wires.

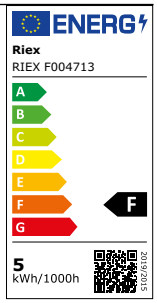
White temperature	Rolls 5 m	Temperature [K]	Light output [Lm / m]	Diodes / m	CRI Ra
Warm	**F004711**	3000	1700	128	90
Neutral	**F004712**	4000			

Power supply – see p. 13.16–13.18.
The extended warranty is conditional on installation in aluminium profiles and the use of recommended power supplies.

Riex EL63 Power 5 W / m
CC LED Strip for Long Line







ⓘ L = 15 m, module 7 diodes

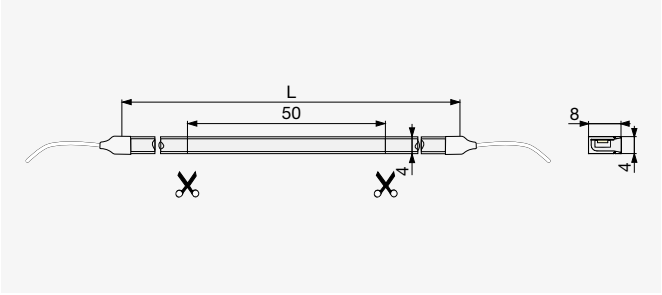
3 years Warranty

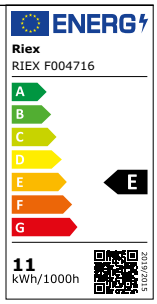
- Long line LED strip with middle lower power
- LED strip with constant current technology, which offers the possibility to create a single strip of total length up to 15 m without a drop in lighting intensity
- High efficency
- Cables with MINI connectors from both side for faster application
- The entire length of 15 metres can be connected to driver [80 W or more]

White temperature	Rolls 15 m	Temperature [K]	Light output [Lm / m]	Diodes / m	CRI Ra
Warm	F004713	3000	540	70	80
Neutral	F004714	4000	570		

Riex EL94 Power 9.6 W / m
Flexible Silicone Strips







ⓘ L = 5 m

3 years Warranty



IP65 Resistance

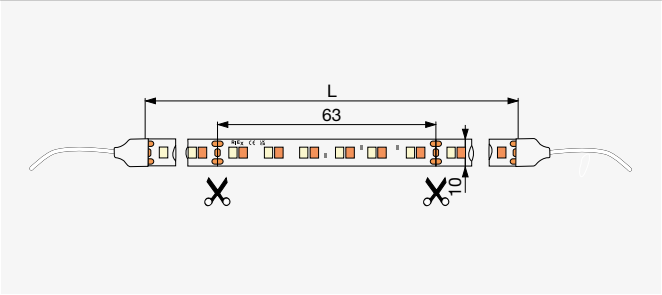
- Flexible silicone LED strips
- For design application, installation to slim groove
- IP65 [it is necessary to apply additional silicone gasket at the ends]
- Minimum radius 60 mm
- The maximum recommended length of LED strip in a single assembly is 5m. Exceeding this length may result in overloading of the wires.

Light Colour	Rolls 5 m	Temperature [K]	Light output [Lm / m]	Diodes / m	CRI Ra
Warm white	F004716	3000	840	140	80
Neutral white	F004717	4000			

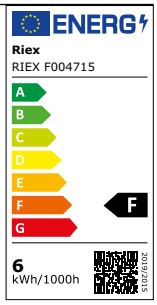
Power supply – see p. 13.16-13.18.
The extended warranty is conditional on installation in aluminium profiles and the use of recommended power supplies.

Riex EL91 Power 6 + 6 W / m
Dual Colour LED Strip





ⓘ L = 5 m, module 15 diodes



3 years Warranty

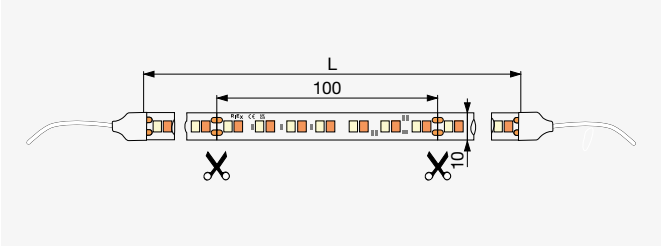
- Dual LED strips
- Light Colour can be adjusted from warm white to neutral white – controller is required
- Recommended controller – WIFI, p. 13.49
- High efficency
- The maximum recommended length of LED strip in a single assembly is 5m. Exceeding this length may result in overloading of the wires.

White temperature	Rolls 5 m	Temperature [K]	Light output [Lm / m]	Diodes / m	CRI Ra
Warm + neutral	**F004715**	3000–4000	640	240	80

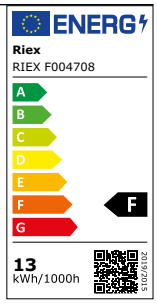
ⓘ Dual LED strip need suitable controller. Recommended controller Wifi **F004718.**

Riex EL93 Power 12 W / m
DIM to Warm





ⓘ L = 5 m, module 14 diodes



5 years Warranty

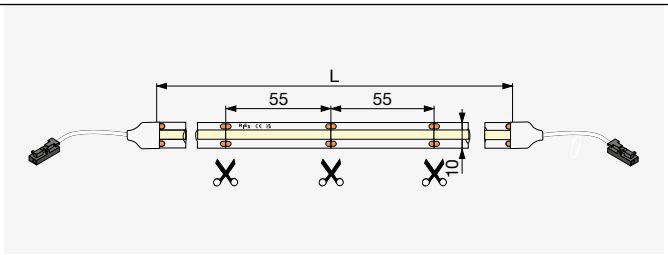
- LED strips with special functionality
- **Light gets warmer when dimmed to lower intensity**
- Work with standard dimmer for single colour
- Follows natural human cycles [lower light in the morning and evening is warmer]
- The maximum recommended length of LED strip in a single assembly is 5m. Exceeding this length may result in overloading of the wires.

White temperature	Rolls 5 m	Temperature [K]	Light output [Lm / m]	Diodes / m	CRI Ra
Warm to neutral	**F004708**	2700–4000	1300	140	90

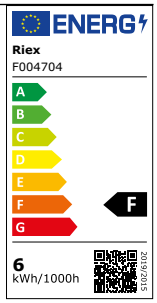
Power supply – see p. 13.16-13.18.
The extended warranty is conditional on installation in aluminium profiles and the use of recommended power supplies.

Riex EL71 Power 14.4 W / m COB





ⓘ L = 5 m, module 21 diodes



- COB* LED strips
- Invisible diodes make countinuous line of light
- High efficency
- Cables with MINI connectors from both side for faster application
- The maximum recommended length of LED strip in a single assembly is 5m. Exceeding this length may result in overloading of the wires.

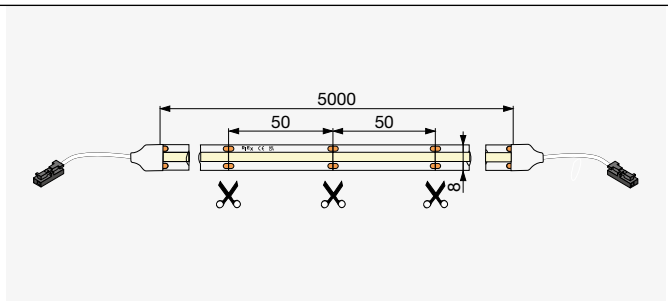
5 years Warranty

* COB – Chip on Board – LEDs are installed directly on circuit board with minimum gap

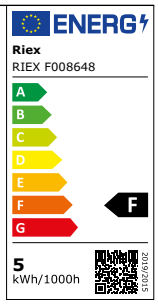
White temperature	Rolls 5 m	Temperature [K]	Light output [Lm / m]	Diodes / m	CRI Ra
Warm	**F004704**	3000	1000	378	90
Neutral	**F004705**	4000			
Cold	**F004706**	6000			

Riex EL72 Power 9 W / m COB





ⓘ L = 5 m, module 16 diodes



- COB* LED strips with medium power
- Invisible diodes make countinuous line of light
- Cables with MINI connectors from both sides for faster application
- The maximum recommended length of LED strip in a single assembly is 5m. Exceeding this length may result in overloading of the wires.

3 years Warranty

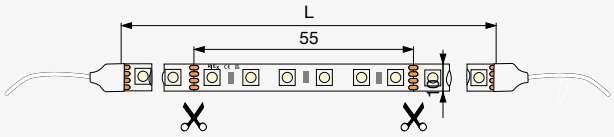
* COB – Chip on Board – LEDs are installed directly on circuit board with minimum gap

White temperature	Roll 5 m	Temperature [K]	Light output [lm / m]	Diodes / m	CRI Ra
Warm	**F008647**	3000	800	320	90
Neutral	**F008648**	4000	840		

Power supply – see p. 13.16-13.18.
The extended warranty is conditional on installation in aluminium profiles and the use of recommended power supplies.

Riex EL81 Power 14 W / m RGB





3 years Warranty

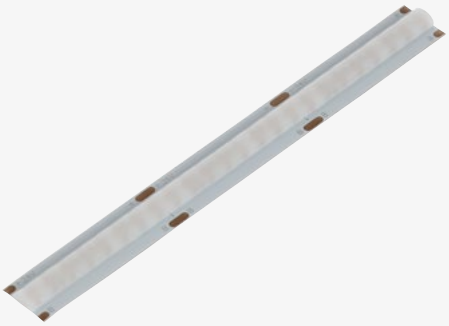
ⓘ L = 5 m, module 6 diodes

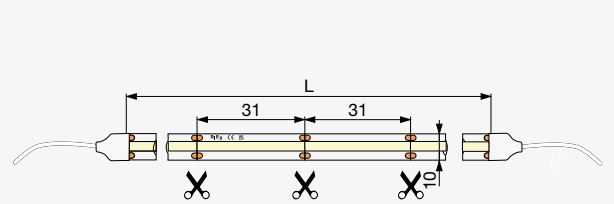
- RGB LED strips
- 3 in 1 LED Chip can produce a wide range of colours by mixing red, green and blue light
- For ambient light – not recommended for normal lighting
- Not defined as „Light source“ according REGULATION [EU] 2019/2015
- The maximum recommended length of LED strip in a single assembly is 5m. Exceeding this length may result in overloading of the wires.

Light Colour	Rolls 5 m	Temperature [K]	Light output [Lm / m]	Diodes / m	CRI Ra
RGB	**F004709**	N/A	N/A	60	N/A

ⓘ RGB LED strip need RGB controller. Recommended controller Wifi **F004718.**

Riex EL85 Power 14 W / m RGB COB





3 years Warranty

ⓘ L = 5 m, module 24 diodes

- RGB COB* LED strips
- 3 in 1 LED Chip can produce a wide range of colours by mixing red, green and blue light
- Invisible diodes make countinuous line of light
- For ambient light – not recommended for normal lighting
- Not defined as „Light source“ according REGULATION [EU] 2019/2015
- The maximum recommended length of LED strip in a single assembly is 5m. Exceeding this length may result in overloading of the wires.

* COB – Chip on Board – LEDs are installed directly on circuit board with minimum gap

Light Colour	Rolls 5 m	Temperature [K]	Light output [Lm / m]	Diodes / m	CRI Ra
RGB	**F004707**	N/A	N/A	768	N/A

ⓘ RGB LED strip need RGB controller. Recommended controller Wifi **F004718.**

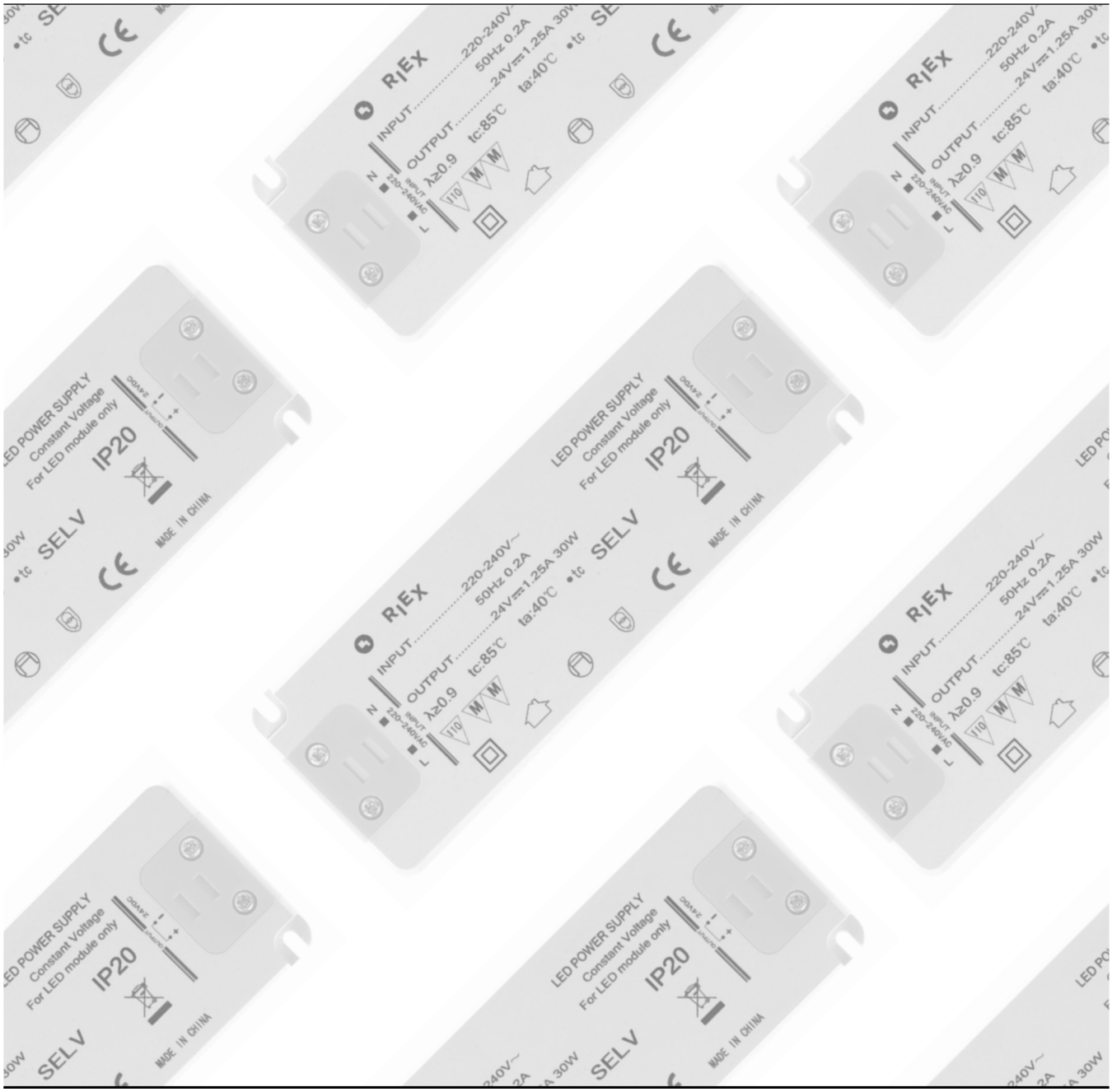
Power supply – see p. 13.16-13.18.
The extended warranty is conditional on installation in aluminium profiles and the use of recommended power supplies.

CONTENT

LED Power Supplies 24V

Our 24V LED driver series is made from high quality components to ensure long term operation.

High efficency, low consumption and flicker free operation is our standard.



Riex EL25
LED Power Supply 24V



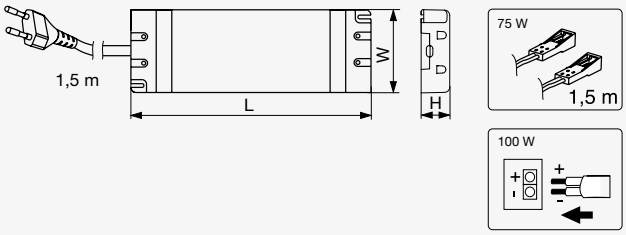






- Designed for powering LED lights
- Slim design
- Power cable 1.5 m with plug
- Output cable 1.5 m with MINI connector*
- Warranty 5 years**

5 years Warranty



Driver selection and installation:
See information with table on p. 13.18.

Input plug	Power [W]	Output cable w. MINI	Code	Current [A]	Size L × W × H [mm]
EU	15	1	**F004347**	0.625	103 × 36 × 17
	30	1	**F004350**	1.25	160 × 58 × 18
	50	1	**F004352**	2.1	
	75*	2	**F004353**	3.125	
	100***	0	**F004354**	4.16	
UK	30	1	**F004357**	1.25	
	50	1	**F004358**	2.1	
	75*	2	**F004359**	3.125	
	100***	0	**F007702**	4.16	

* Connectors MINI can't load wattage over 60 W. Stronger wires should be connected directly to output terminal box. Wiring operation should be done by authorised person.
** The extended warranty is subject to installation according to the instructions, without overloading, with sufficient ventilation. Supply voltage must comply with EN 60038, damage due to non-compliant mains voltage cannot be claimed.
*** Without outputs cabel. Terminal block under covers allows direct connection of cables.

Riex EL26
LED Power Supply 24V IP44

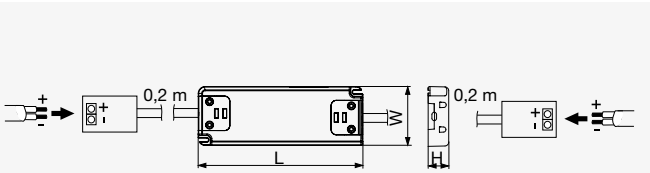


- Designed for powering LED lights
- Slim design
- Warranty 5 years*
- IP44 – suitable for bathroom and similar applications
- Included terminal box IP44 in packing
- Cable 0.2 m with free ends

Wiring operation should be done by authorised person.

5 years Warranty

IP44 Resistance



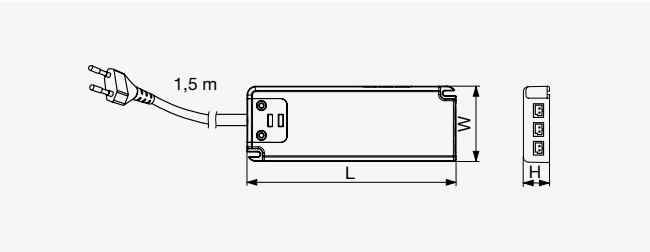
Input plug	Power [W]	Code	Current [A]	Size L × W × H [mm]
Terminal box IP44	20	**F004349**	0.83	130 × 42 × 17

Riex EL27
LED Power Supply 24V with Direct Output



- Designed for powering LED lights
- Slim design
- Power cable 1.5 m with plug
- Body with MINI sockets for direct installation
- Warranty 5 years*

5 years Warranty



ⓘ **F004351**

Input plug	Power [W]	Output MINI sockets	Code	Current [A]	Size L × W × H [mm]
EU	15	5	**F004348**	0.625	128 × 46 × 17
	30	6	**F004351**	1.25	185 × 63 × 22
UK	15	5	**F004356**	0.625	128 × 46 × 17

* The extended warranty is subject to installation according to the instructions, without overloading, with sufficient ventilation. Supply voltage must comply with EN 60038, damage due to non-compliant mains voltage cannot be claimed.

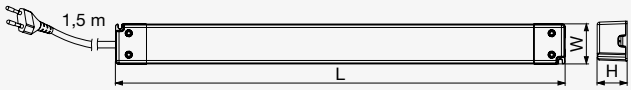
Riex EL28
LED Power Supply 24V 150 W



- Designed for powering LED lights
- Slim design for application in limited space
- Warranty 5 years*
- Power cable 1.5 m with plug
- Output – terminal block

5 years Warranty

Wiring operation should be done by authorised person.



Input plug	Power [W]	Code	Current [A]	Size L × W × H [mm]
EU	150	F004355	6.25	360 × 32 × 24
UK		F007703		

LED driver and recommended length of LED strip

Calculation of the required power [valid for 12V and 24V]:

Driver minimum power ≥ Length of LED strip × Power of LED strip × Power reserve 10%
DP [W] ≥L [m] × LP [W/m] × R 1.1

Driver power DP [W]	15	20	30	50	75	100
LED strip power LP [W / m]			Length max. L [m]			
5*	2.7	3.6	5.4	9	13.6	15
6	2.2	3	4.5	9	5	5
9.6	1.4	1.8	2.8	4.7	5	5
12	1.1	1.5	2.2	3.7	5	5
14	0.9	1.2	1.9	3.2	4.8	5
16	0.8	1.1	1.7	2.8	4.2	5
21	0.6	0.8	1.2	2.1	3	×

* LED strip 5 W/m Riex EL63 Constant current type can work up to 15 m length.

Ensure sufficient ventilation, do not cover, do not install close to heat source or electrical appliances. Do not use long cables, install drivers close to lights and switches.

Power reserve:
Recommended power reserve is approximately 10–20%, higher for frequent switching and permanent operation.

* The extended warranty is subject to installation according to the instructions, without overloading, with sufficient ventilation. Supply voltage must comply with EN 60038, damage due to non-compliant mains voltage cannot be claimed.

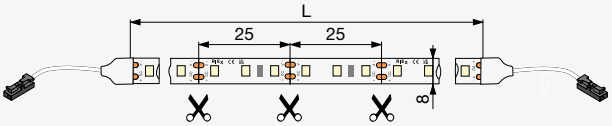
LED Strips 12V

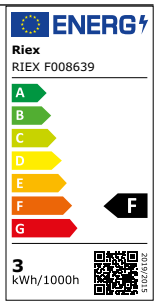
12V is basic solution.

- High efficency
- High quality
- Meet new ERP EU requirements
- Suitable for shorter lengths

Riex EL44 Power 4.8 W / m







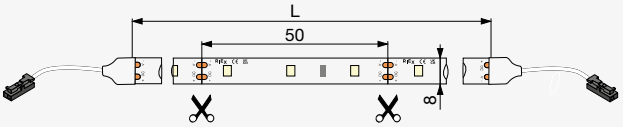
ⓘ L = 5 m / 30 m, module 3 diodes

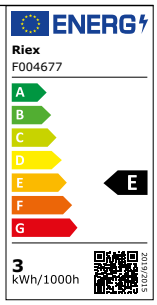
- LED strip with low power designed mainly for ambient lighting
- High efficency
- Cables with connectors MINI from both sides for faster application
- The maximum recommended length of LED strip in a single assembly is 5m. Exceeding this length may result in overloading of the wires.

White temperature	Roll 5 m	Roll 30 m	Temperature [K]	Light output [lm / m]	Diodes / m	CRI Ra
Warm	F008639	F008641	2700	480	120	90
Neutral	F008640	F008642	4000			

Riex EL41 Power 6 W / m







ⓘ L = 5 m, module 3 diodes

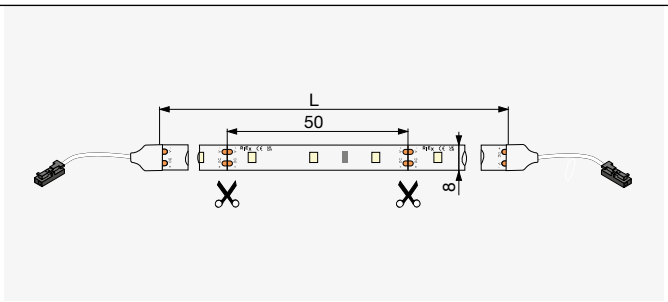
- Basic LED strip for decorative lighting
- Cables with MINI connectors from both side for faster application
- The maximum recommended length of LED strip in a single assembly is 5m. Exceeding this length may result in overloading of the wires.

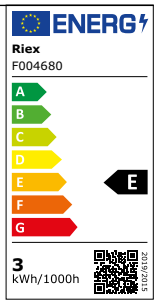
White temperature	Roll 5 m	Temperature [K]	Light output [Lm / m]	Diodes / m	CRI Ra
Warm	F004677	3000	740	60	80
Neutral	F004678	4000	760		
Cold	F004679	6000	750		

Power supply – see p. 13.22.

Riex EL42 Power 6 W / m IP54







ⓘ L = 5 m, module 3 diodes



IP54
Resistance

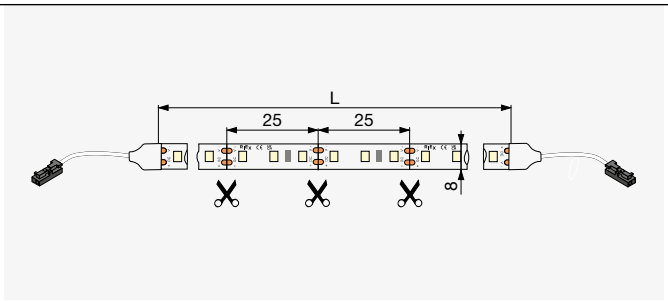
- Basic LED strip for decorative lighting
- Cables with MINI connectors from both side for faster application
- Protected by silicone gel – waterproof*
- Silicone gel changes the light characteristic, colour and reduces heat dissipation [not recommended for long term lighting]
- The maximum recommended length of LED strip in a single assembly is 5m. Exceeding this length may result in overloading of the wires.

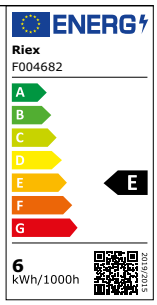
White temperature	Roll 5 m	Temperature [K]	Light output [Lm / m]	Diodes / m	CRI Ra
Warm	**F004680**	3000	740	60	80
Neutral	**F004681**	4000	760		

* Silicone coated LED strips are not recommended for permanently wet areas.

Riex EL43 Power 12 W / m







ⓘ L = 5 m / 30 m, module 3 diodes

- LED strip with middle power
- High efficency
- Cables with MINI connectors from both side for faster application
- The maximum recommended length of LED strip in a single assembly is 5m. Exceeding this length may result in overloading of the wires.

White temperature	Roll 5 m	Roll 30 m	Temperature [K]	Light output [Lm / m]	Diodes / m	CRI Ra
Warm	**F004682**	**F008309**	3000	1400	120	80
Neutral	**F004683**	**F008310**	4000	1440		
Cold	**F004684**	**F008311**	6000	1470		

Power supply – see p. 13.22.

CONTENT

LED Power Supplies 12V

Correct voltage is necessary for correct function of LED lighting. 12V is common with older types of lighting, it is possible to combine LED strips and LED lights.

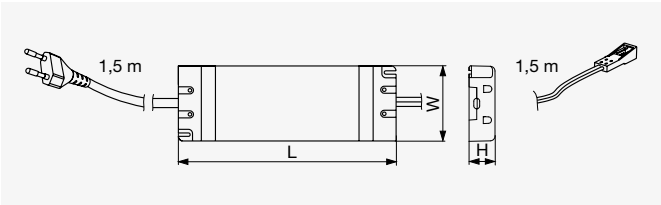


Riex EL15
LED Power Supply 12V



- Designed for powering LED lights
- Slim design
- Power cable 1.5 m with plug
- Output cable with MINI connector*
- Warranty 3 years*

3 years Warranty



Calculation of the required power:
Driver power [W] >= Length of LED strip [m] × Power of LED strip [W / m] × 1.1 [Power reserve 10%]

Driver selection and installation:
See information with table on p. 13.18.

In case of loading more than 50 W to one output it is necessary to connect wires directly to terminal. Wiring operation should be done by authorised person.

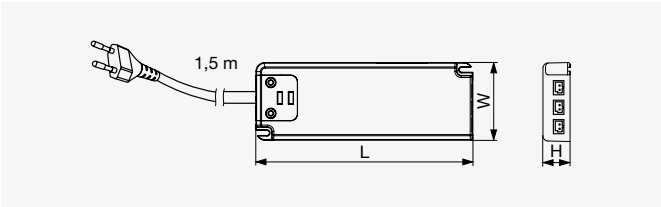
Input plug	Power [W]	Output cable w. MINI	Code	Current [A]	Size L × W × H [mm]
EU	30	1	**F004343**	2.5	147 × 48 × 24
	60	2	**F004344**	5	185 × 64 × 22
	80	2	**F004345**	6.67	170 × 57 × 32
UK	30	1	**F007692**	2.5	147 × 48 × 24
	60	2	**F007693**	5	185 × 64 × 22
	80	2	**F007694**	6.67	170 × 57 × 32

Riex EL17
LED Power Supply 12V with Direct Output



- Designed for powering LED lights
- Slim design
- Power cable 1.5 m with plug
- Body with MINI sockets for direct installation
- Warranty 3 years*

3 years Warranty



Driver selection and installation:
See information with table on p. 13.18.

Input plug	Power [W]	Output MINI sockets	Code	Current [A]	Size L × W × H [mm]
EU	15	5	**F004341**	1.25	128 × 46 × 17
	30	6	**F004342**	2.5	184 × 63 × 22
UK	15	5	**F007695**	1.25	128 × 46 × 17
	30	6	**F004886**	2.5	184 × 63 × 22

* The extended warranty is subject to installation according to the instructions, without overloading, with sufficient ventilation. Supply voltage must comply with EN 60038, damage due to non-compliant mains voltage cannot be claimed.

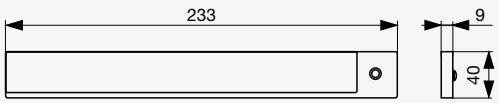
LED Lights



Riex EL50
Rechargeable LED Light with Magnetic Holder



- LED light with sensor
- Thanks to the magnetic holder, the light can be easily taken and charged with a standard USB-C charger
- Easy to install the light's holders by 3M double sided tape
- Ideal for places without electricity with less trafic
- Built in PIR sensor with more modes: permanent lighting / movement in night / any movement
- Rechargeable battery 5 V, socket USB C, cable included
- Power 2 W, warm white
- Aluminium body



Colour	Code
Black	**F003518**

Riex EL53
Spot LED Light

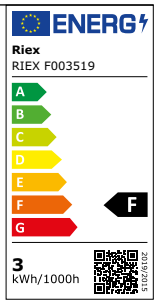


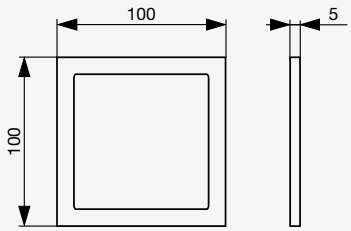
○ White



● Black

- Spot LED light
- Slim design, invisible LED diodes
- Installation with 3M double sided tape
- Power 3 W
- Voltage 12V, cable 1.5 m with MINI connector
- Power supply – p. 13.22





Frame colour	White temperature	Code	Temperature [K]	Light output [Lm / m]	CRI Ra
White	Warm	**F003519**	3000	139	80
	Neutral	**F003520**	4000	162	
Black	Warm	**F003521**	3000	139	
	Neutral	**F003522**	4000	162	

LED Profiles

- Aluminium profiles ensure cooling of LED strips
- Necessary for long lasting function of LED strips
- Clean and degrease profiles before installation of LED strip

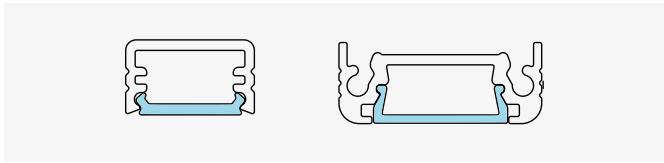




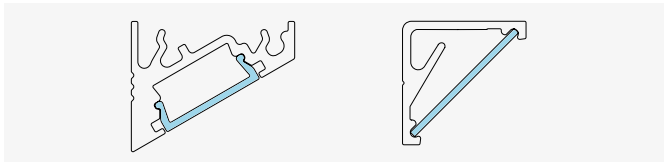
LED Profiles

LED strips produce heat and therefore cooling is required to ensure long term function. Another function of LED profiles is protection against mechanical damage.

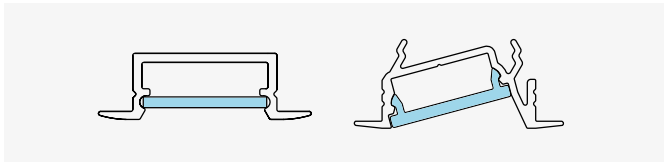
Surface
can be mounted additionally, so no need to mill a groove or rebate. Rises to the surface, so it can be distracting.



Corner
can be installed additionally, usually installed close to wall, shines from an angle to illuminate the entire worktop.



Recessed
The most used type, embedded in the board need a groove, must be considered when designing.
Type with diagonal shape is more adapted to the needs, with reduced glare, in more colours that are perfectly suited to meet customer requirements.



Covers

Profiles have usually more option of covers and there is difference in absorption of light and in scattering of light.

Transparent covers
Transmit most of the light but LED strip is visible and visible lighting points can be annoying.

Opal covers
make LED strip invisible and scatter light much more, but lighting points can be still recognized depending on distance between LED strip and cover and the number of LEDs per meter. With over than 120 LEDs per meter look light like continuous line. Opal cover absorbs more light [usually around 30% of light], so reduce efficiency.

Black covers
are designed for black profiles, when is light switched off, not disturbed by another colour, look similar to black aluminium LED profile. Because of black pigment, light absorption is higher. It absorbs more than 50% of the light.

Ends

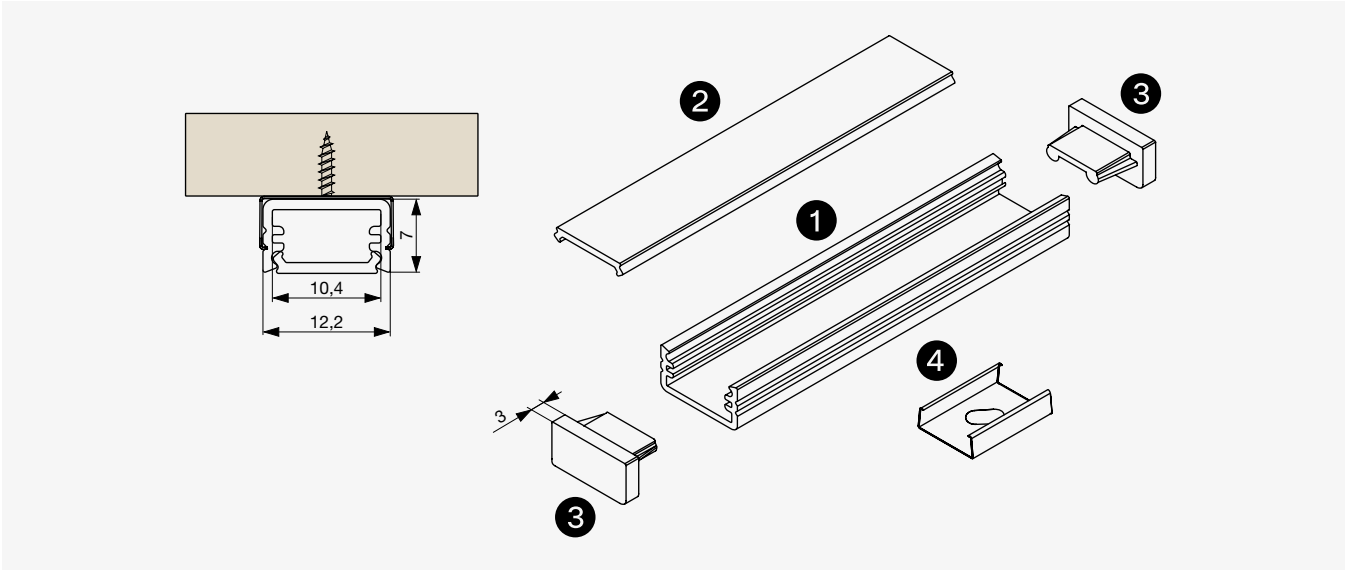
To finish the profile you can use end caps, available in colours according to profile. Packing in pairs, with holes for cable to LED strip.

Installation

Clips, gluing or using double side tape are usually used for connection. Some clips are visible, so are available in more colours according to the profile colour. The advantage of clips is the easy dismount, but LED strip can be replaced after removing cover too.

Riex EO10
LED Profile

- Surface mounted aluminium profile for LED strips with accessories



❶ Riex EO10 LED Profile



Silver anodised



● Black



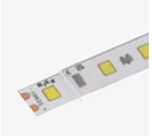
○ White

- Slim aluminium profile for surface installation
- For LED strips max. 8 mm width

LED profile colour	Length 2 m
Silver anodised	**F004438**
Black	**F004439**
White	**F004440**

❷ Riex EO10
Cover for LED Profiles





○ Transparent

- Cover [diffuser] for profile Riex EO10
- Click Installation from top
- UV stabilized

Cover [diffuser]	Length 2 m
Opal	**F004487**
Transparent	**F004488**

● Opal

Opal cover absorbe over 30 % of luminous flux.

❸ Riex EO10
Ends







● Black ○ White

- Pairs of ends for profiles EO10

Colour	Code
Grey	**F004467**
Black	**F004468**
White	**F004469**

● Grey

* Grey ends for silver anodised profiles.

❹ Riex EO10
Clips





● Black ○ White

- Clip for profile EO10

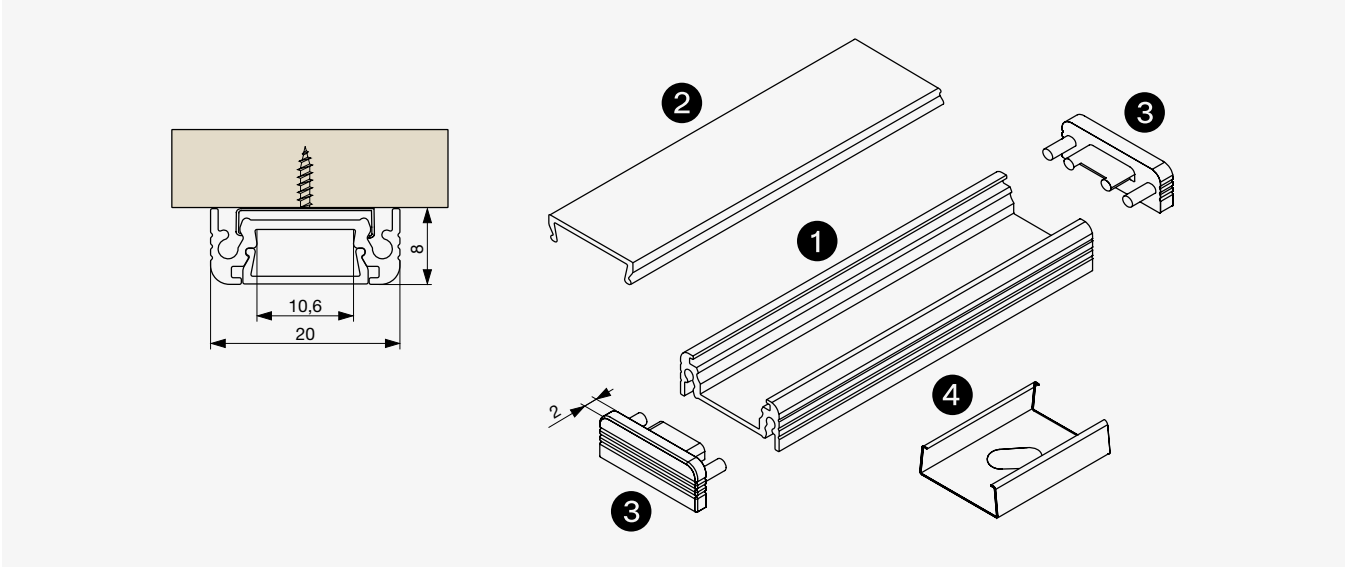
Colour	Code
Stainless steel	**F004483**
Black	**F004484**
White	**F004485**

● Stainless steel

* For silver anodised profiles use stainless steel clips.

Riex EO11
LED Profile

- Surface mounted aluminium profile for LED strips with accessories



❶ Riex EO11 LED Profile



Silver anodised



● Black



○ White

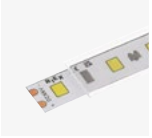
- Profile for surface installation with hidden clips
- For LED strips max. 10 mm width

LED profile colour	Length 2 m	Length 3 m
Silver anodised	F004441	F004442
Black	F004443	F004444
White	F004445	F004446

❷ Riex EO11
Cover for LED Profiles



Opal



○ Transparent



● Black

- Cover [diffuser] for profile Riex EO11 / EO20

Cover [diffuser]	Length 2 m	Length 3 m
Opal	**F004489**	**F004492**
Transparent	**F004490**	**F004493**
Black	**F004491**	**F004494**

Black cover absorbs over 50 % of luminous flux, opal cover absorbs about 25 %.

❸ Riex EO11
Ends



Grey



● Black



○ White

- Pairs of ends for profiles EO11

Colour	Code
Grey	**F004470**
Black	**F004471**
White	**F004472**

* Grey ends for silver anodised profiles.

❹ Riex EO11
Clips



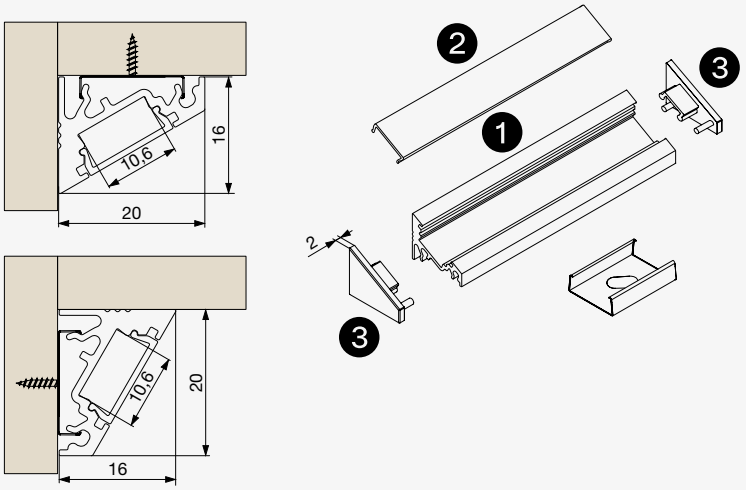
Stainless steel

- Pairs of clips for profiles EO11

Code
F004486

Riex EO20 LED Profile

- Corner aluminium profile for LED strips with accessories



❶ Riex EO20 LED Profile



Silver anodised



● Black



○ White

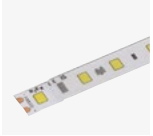
- Profile for corner installation with hidden clips
- For LED strips max. 10 mm width

LED profile colour	Length 2 m	Length 3 m
Silver anodised	F004447	F004448
Black	F004449	F004450
White	F004451	F004452

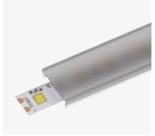
❷ Riex EO20
Cover for LED Profiles



Opal



○ Transparent



● Black

- Cover [diffuser] for profile Riex EO11 / EO20

Cover [diffuser]	Length 2 m	Length 3 m
Opal	**F004489**	**F004492**
Transparent	**F004490**	**F004493**
Black	**F004491**	**F004494**

Black cover absorbs over 50 % of luminous flux, opal cover absorbs approximately 25 %.

❸ Riex EO20
Ends



Grey



● Black

○ White

- Pair of ends for profiles EO20

Colour	Code
Grey	**F004473**
Black	**F004474**
White	**F004475**

* Grey ends for silver anodised profiles.

❹ Riex EO20
Clips



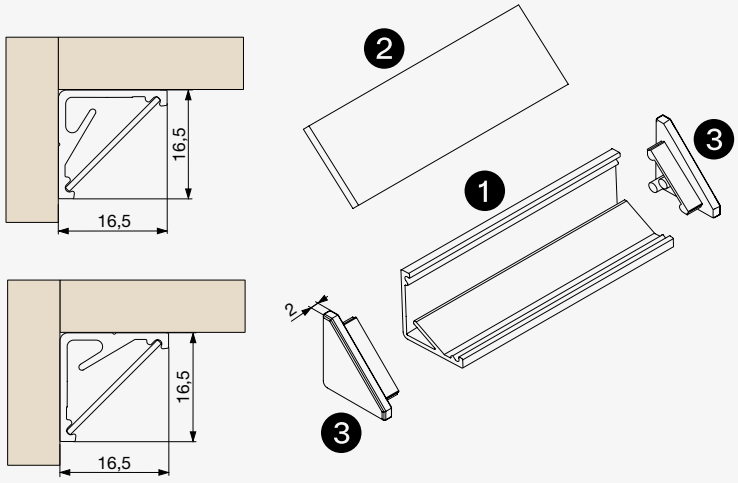
Stainless steel

- Pairs of clips for profiles EO20

Code
F004486

Riex EO22 LED Profile

- Corner aluminium profile for LED strips with accessories



❶ Riex EO22 LED Profile



- Profile for corner installation
- Large diffused area of cover make diffused light
- For LED strips max. 8 mm width
- Installation by glue or 3M tape

LED profile colour	Length 2 m	Length 3 m
Silver anodised	F004514	F004515

Silver anodised

❷ Riex EO22
Cover for LED Profiles



Opal



○ Transparent

- Cover [diffuser] for profile EO22

Cover [diffuser]	Length 2 m	Length 3 m
Opal	**F004517**	×
Transparent	**F004518**	**F004519**

Opal cover absorbs approximately 25 % of luminous flux.

❸ Riex EO22
Ends



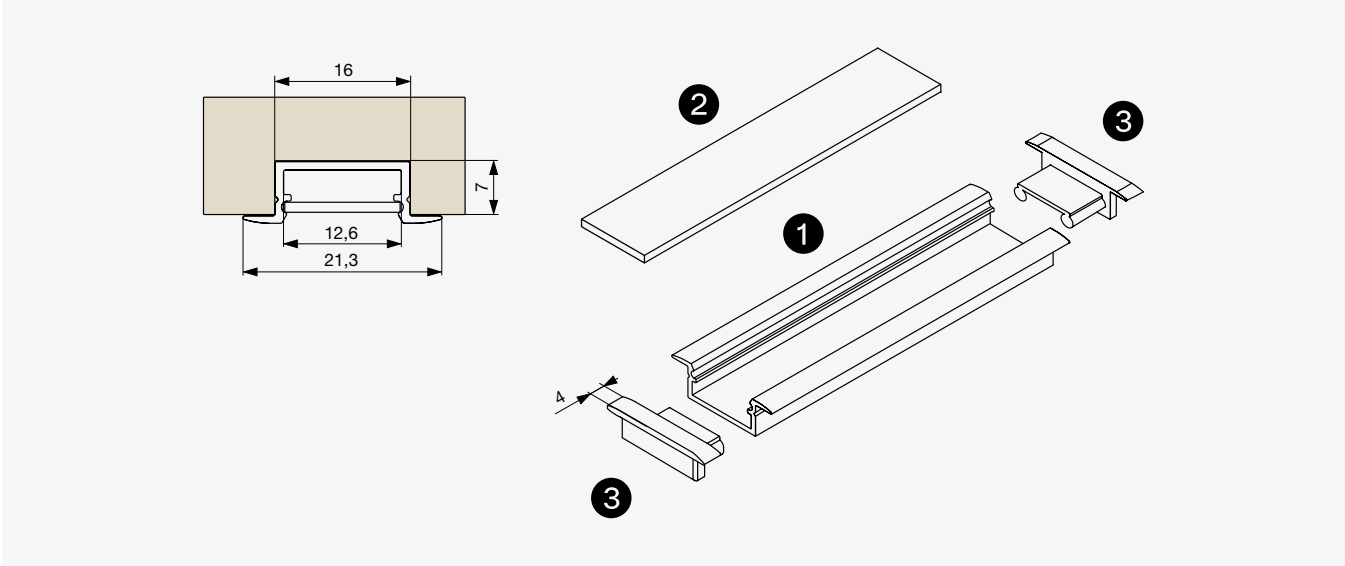
Grey

- Pairs of ends for profiles EO22

Colour	Code
Grey	**F004516**

Riex EO30
LED Profile

- Recessed aluminium profile
  for LED strips with accessories



❶ Riex EO30
LED Profile



Silver anodised



● Black



○ White

- Profile for recessed installation
- Installation by glue or clips
- For LED strips max. 12 mm width

LED profile colour	Length 2 m	Length 3 m
Silver anodised	F004453	F004454
Black	F004455	F004456
White	F004457	F004458

❷ Riex EO30
Cover for LED Profiles



○ Transparent



- Cover [diffuser] for profile Riex EO30
- Installation from top, removable from side

Cover [diffuser]	Length 2 m	Length 3 m
Opal	**F004501**	×
Transparent	**F004502**	**F004503**

● Opal

Opal cover absorbs approximately 25 % of luminous flux.

❸ Riex EO30
Ends



● Black



○ White



- Pair of ends for profiles EO30

Colour	Code
Grey	**F004476**
Black	**F004477**
White	**F004478**

● Silver anodised

❹ Riex EO30
Clips



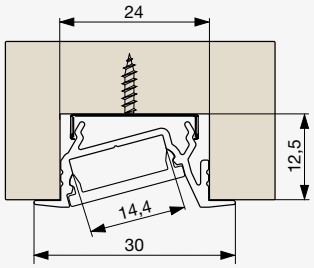
- Pairs of clips for profiles EO30

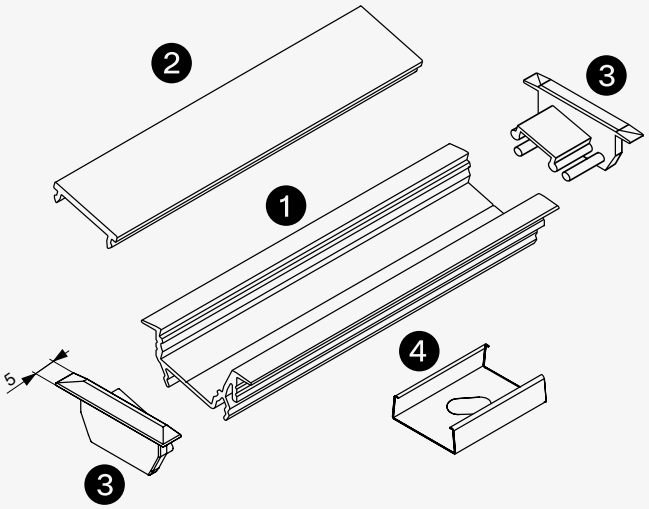
Code
F005554

● Stainless steel

Riex EO35 LED Profile

- Recessed aluminium profile with side direction for LED strips with accessories





❶ Riex EO35 LED Profile



Silver anodised



● Black



○ White

- Profile for inclined recessed installation
- Side direction to get no glare effect
- For LED strips max. 12 mm width
- Installation by glue or clips

LED profile colour	Length 2 m	Length 3 m
Silver anodised	**F004459**	**F004460**
Black	**F004461**	**F004462**
White	**F004463**	**F004464**

❷ Riex EO35
Cover for LED Profiles



Opal



○ Transparent



● Black

- Cover [diffuser] for profile Riex EO35

Cover [diffuser]	Length 2 m	Length 3 m
Opal	**F004495**	**F004498**
Transparent	**F004496**	**F004499**
Black	**F004497**	**F004500**

Black cover absorbs over 60 % of luminous flux, opal cover absorbs approximately 25 %.

❸ Riex EO35
Ends



Silver anodised



● Black



○ White

- Pair of ends for profiles EO35

Colour	Code
Grey	**F004479**
Black	**F004480**
White	**F004481**

❹ Riex EO35
Clips



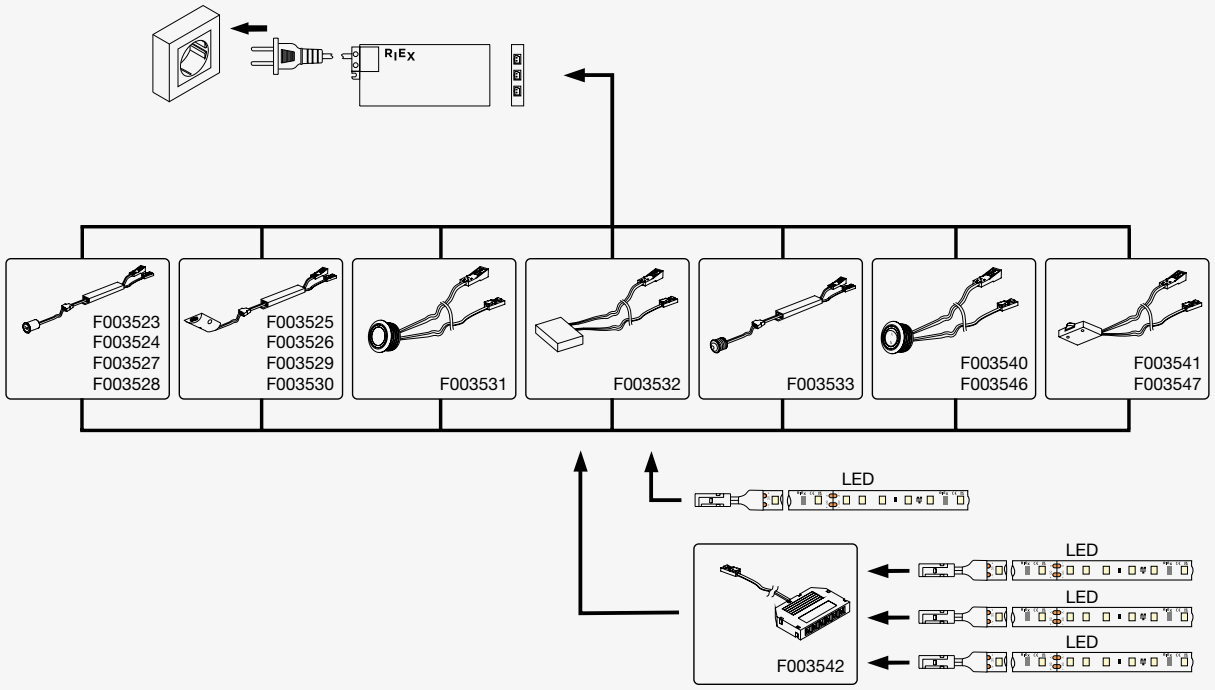
Stainless steel

- Pairs of clips for profiles EO35

Code
F005555

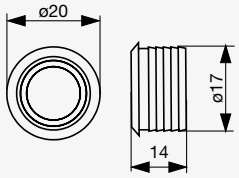
Sensors and Accessories

- Place the sensor ergonomically to control the lights easier. Should be within easy reach or to work automatically
- You can use a distributor and splitter to connect multiple lights to one sensor
- The wattage of all connected lights must not exceed the maximum wattage of the sensor as well as the power supply and other components connected in series
- Voltage of all components must be the same, most of our sensors can handle both 12V and 24V
- Fast connectors allows faster and easier installation. Quick connection of LED strips and cables or making corner shape is possible
- Aluminium profiles ensure cooling of LED strips. Necessary for long lasting function of LED strips
- Clean and degrease profiles before installation of LED strip



Riex EC35
Touch Sensor



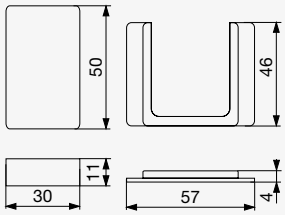


- Touch sensor – switch light on / off by touching of sensor
- Dimming function by long touch
- Blue diode to find position in the dark
- Recessed installation
- Voltage 12 / 24V DC
- Max. power 60 W
- Cables 1.5 m with MINI connectors for quick installation

Sensor colour	Code
Silver	**F003531**

Riex EC36
Hidden Sensor





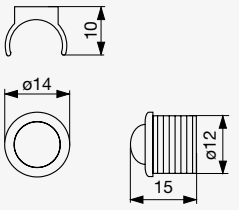
- Hidden sensor – switch light on / off by touching through panel [max. 19 mm*]
- Dimming function by long touch
- Voltage 12 / 24V DC
- Max. power 60 W
- Cables 0.1 m with MINI connectors for quick installation

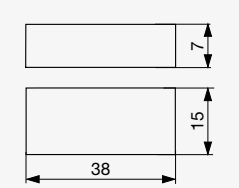
Type	Code
Hidden sensor	**F003532**

* Thickness 19 mm is valid for wooden, melamine and chipboard material, won't work through metal covered materials.

Riex EC37
PIR Sensor







- PIR sensor – switch light on / off when movements detected
- Sensitive distance 1–3 m depend on direction and intensity of motion
- Voltage 12 / 24V DC
- Max. power 60 W
- Cables 1 m with MINI connectors for quick installation

Sensor colour	Code
Black	**F003533**

Riex EC31
Door Sensor

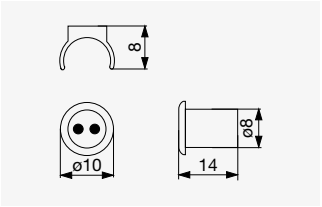


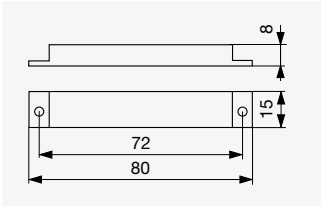
● Black



○ White

- Door sensor – switches lights on when opening door
- Recessed / external installation
- Max. distance approx. 6 cm [depends on surface of door – dark matte finishes have low reflectivity and reduce the range]
- Voltage 12 / 24V DC
- Max. power 60 W
- Cables 1 m with MINI connectors for quick installation





Sensor colour	Code
Black	**F003523**
White	**F003524**

Riex EC32
Door Sensor

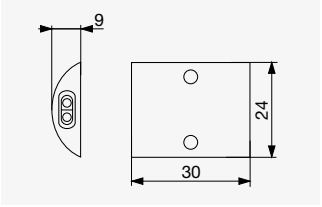


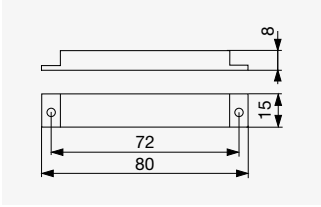
● Black



○ White

- Door sensor – switches lights on when opening door
- External installation
- Max. distance approx. 6 cm [depends on surface of door – dark matte finishes have low reflectivity and reduce the range]
- Voltage 12 / 24V DC
- Max. power 60 W
- Cables 1 m with MINI connectors for quick installation





Sensor colour	Code
Black	**F003525**
White	**F003526**

Riex EC45
Mechanical Door Switch

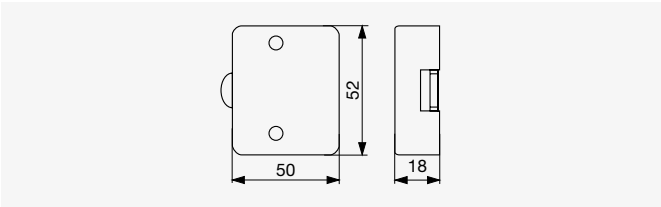


● Black



○ White

- Door sensor – switches lights on when opening door
- Voltage 12 / 24V DC
- Max. power 60 W
- Cables 1.8 m with MINI connectors for quick installation



Switch colour	Code
Black	**F003541**
White	**F003547**

Riex EC33
Touchless Sensor

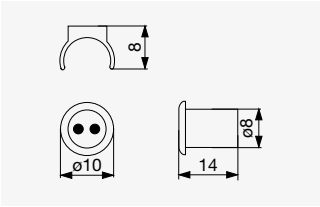


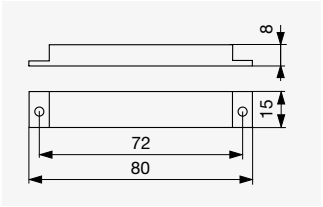
● Black



○ White

- Touchless sensor – switch light on / off by waving in front of sensor
- Recessed / external installation
- Max. distance about 6 cm
- Voltage 12 / 24V DC
- Max. power 60 W
- Cables 1 m with MINI connectors for quick installation





Sensor colour	Code
Black	**F003527**
White	**F003528**

Riex EC34
Touchless Sensor

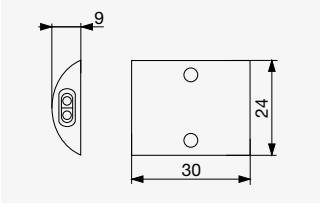


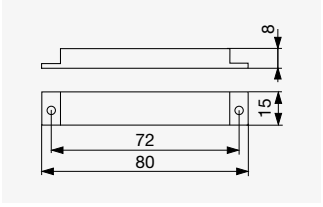
● Black



● Silver

- Touchless sensor – switch light on / off by waving in front of sensor
- Surface installation
- Max. distance about 6 cm
- Voltage 12 / 24V DC
- Max. power 60 W
- Cables 1 m with MINI connectors for quick installation





Sensor colour	Code
Black	**F003529**
Silver	**F003530**

Riex EC44
Mechanical Switch

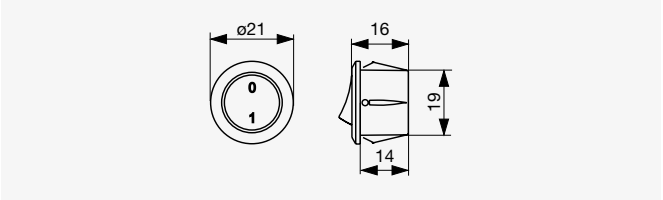


● Black



○ White

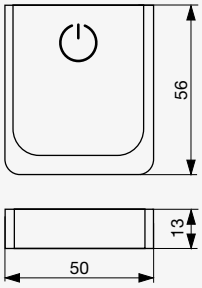
- Mechanical switch
- Voltage 12 / 24V DC
- Max. power 60 W
- Cables 1.8 m with MINI connectors for quick installation



Switch colour	Code
Black	**F003540**
White	**F003546**

Riex EC38
Wireless Touch Switch



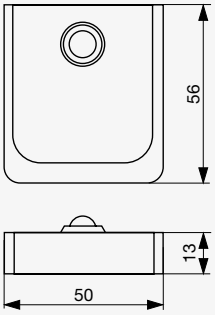


- Wireless touch switch
- Dimming function by long touch
- Working distance from controller up to 20 m [without barrier]
- Battery CR2032, stand by up to 2 years
- Work with controllers Riex EC41 and Riex EC42
- One switch can control up to 99 controllers
- Recessed or surface installation

Sensor colour	Code
Black	**F003534**

Riex EC39
Wireless PIR Sensor



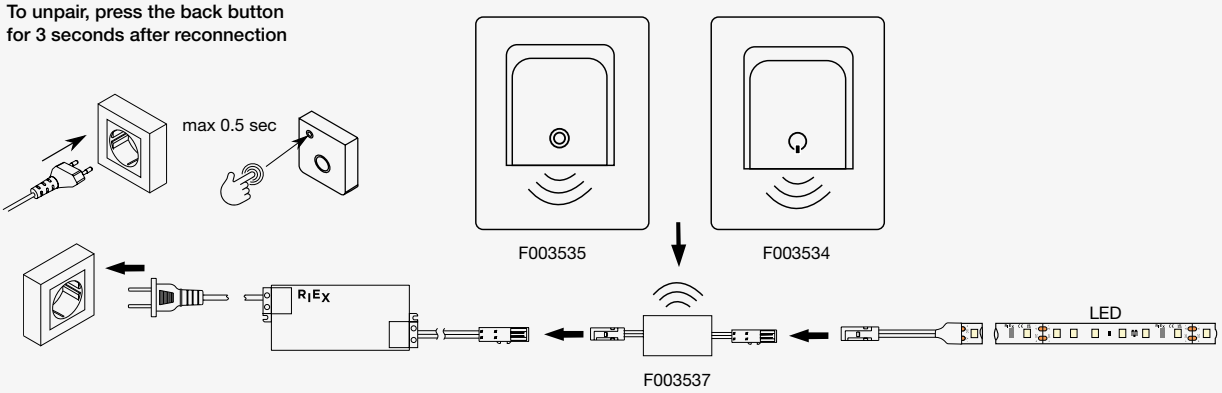


- Wireless PIR sensor
- Sensitive distance 1–3 m depending on direction and intensity of motion
- Working distance from controller up to 20 m [without barrier]
- Battery CR2032, stand by up to 2 years
- Work with controllers Riex EC41 and Riex EC42
- One switch can control up to 99 controllers
- Recessed or surface installation

Sensor colour	Code
Black	**F003535**

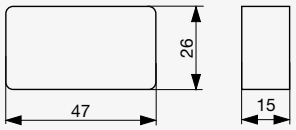
Pairing:
- Unplug the controller from electricity
- Reconnect it and briefly press the button on the back of the switch [not the controller]
- The light blinks 3 times when paired
- To unpair, press the back button for 3 seconds after reconnection

Additional functionality:
- **F003534** Door switch by included magnet
- **F003535** Dimming function by long touch



Riex EC41
Wireless Controller 1 Output



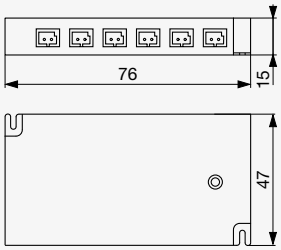


- Wireless controller
- Dimming function by long touch
- Voltage 12 / 24V DC
- Max. power 60 W
- Cables 0.2 m with MINI connectors for quick installation
- One controller can be controlled by up to 4 sensors

Type	Code
1 output	**F003537**

Riex EC42
Wireless Controller 6 Outputs

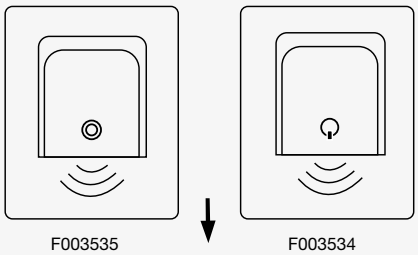




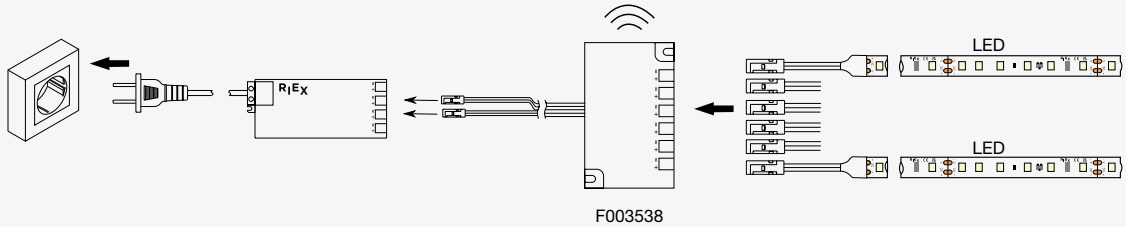
- Wireless controller for cooperation with sensors Riex EC38 and EC39
- Dimming function by long touch
- Voltage 12 / 24V DC
- Max. power 90 W
- Input cable 0.2 m with MINI connectors for quick installation + 6 output MINI for connection more lights
- One controller can be controlled by up to 4 sensors
- Double input cable must be connected to the same driver by power over 60 W

Type	Code
6 outputs	**F003538**

Pairing:
- Unplug the controller from electricity
- Reconnect it and briefly press the button on the back of the switch [not the controller]
- The light blinks 3 times when paired
- To unpair, press the back button for 3 seconds after reconnection



Additional functionality:
- **F003534** Door switch by included magnet
- **F003535** Dimming function by long touch

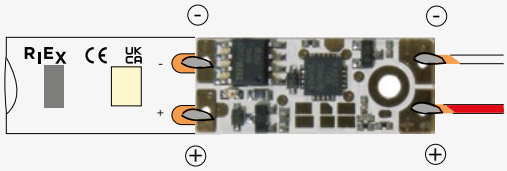


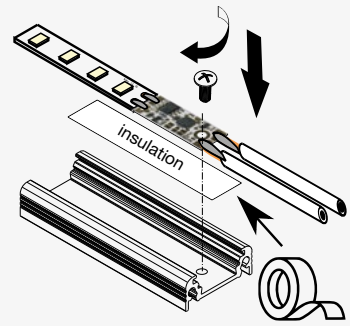
F003538

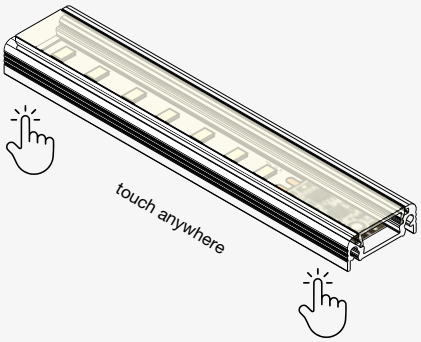
Riex EC51
Touch Dimmer to LED Profile



ⓘ **F007929**







- Touch sensor – switch light on / off by touching of any place of LED profile with installed sensor
- Maximum length of LED profile 3 m
- Dimming function by long touch
- Lighting diode for orientation, can be permanently switched off by soldering jumpers
- Size 10 × 27 mm, minimum width of LED profile 10 mm
- Voltage 12 / 24V DC
- Max. power 90 W
- Installation by soldering, included stainless steel screw for connection
- Will only work on anodised or raw aluminium profiles up to 3 m length, won't work with painted profile [paint layer insulate signal from touch]
- Power supply Riex is recommended, don‘t work with grounded power supply and with battery
- LED profile must not touch wall or any other grounded object

Instruction

- Drill 2 mm hole in the profile according sensor position, make thread by enclosed screw without sensor [recommended].
- Solder input cable on input side [closer to hole] and LED strip on output side with right polarity [tip soldering iron is recommended]
- Be aware – tin or cable must not connect any other part of sensor, only soldering parts!
- Apply insulation tape on back side of sensor before installation to protect connection between sensor and profile.
- Put in place and screw into the drilled hole [gently tighten]. Use only included screw made from stainless steel

Colour of control diode	Code
Blue	**F007929**
White	**F007930**
Without diode	**F007931**

Riex EC52
Touchless Dimmer to LED Profile CCT



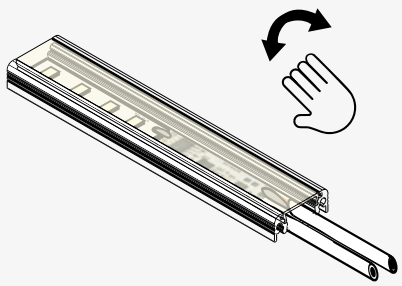
ⓘ **F007932**



ⓘ Single colour – connected output



ⓘ CCT [dual] colour – connection each channel



ⓘ Wave above sensor

- Touchless sensor – switch light on / off by waving above of sensor
- Dimming function by long covering
- Can be used for CCT [dual colour] LED strips – by touching setting jumper
- To change white temperature wave twice and change colour by long covering
- Size 10 × 35 mm, minimum width of LED profile 10 mm
- Voltage 12 / 24V DC
- Max. power 90 W
- Installation by soldering

Instruction

- Solder input cable on input side [IN] and LED strip on output side with right polarity [tip soldering iron is recommended]
- For single colour LED strip connect both outputs together by tin – see instructions
- For CCT [dual colour] LED strip connect each channel separately – see instructions
- Be aware – tin or cable must not connect any other part of sensor, only soldering parts!
- Apply insulation tape on back side of sensor before installation to protect connection between cables, LED strip and profile
- To change functionality from single colour to CCT touch set jumper for 5 second, then control LED flashes with multiple colours, finally LED should be red
- Another long touch for 5 seconds switches sensor to submenu for type of LED strip. Change by short touch colour from red to yellow, then confirm by long touch 5 second

Code
F007932

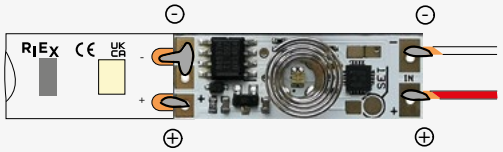
Riex EC54
Touch Dimmer to LED Profile CCT



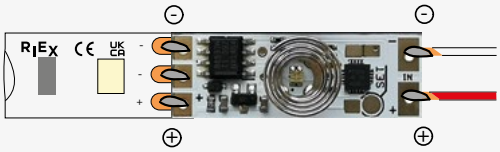
- Touch sensor – switch light on / off by touching of sensor – spring touching cover of LED strips [diffusor]
- Dimming function by long touch
- Can be used for CCT [dual colour] LED strips – by touching setting jumper
- To change white temperature touch twice [double click]
- Size 10 × 35 mm, minimum width of LED profile 10 mm
- Voltage 12 / 24V DC
- Max. power 90 W
- Installation by soldering

Instruction

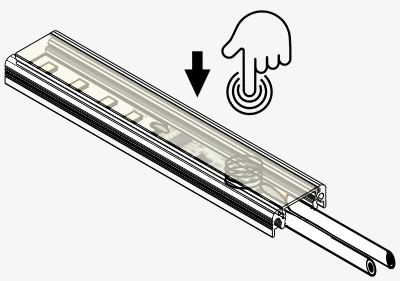
- Solder input cable on input side [IN] and LED strip on output side with right polarity [tip soldering iron is recommended]
- For single colour LED strip connect both outputs together by tin – see instructions
- For CCT [dual colour] LED strip connect each channel separately – see instructions
- Be aware – tin or cable must not connect any other part of sensor, only soldering parts!
- Apply insulation tape on back side of sensor before installation to protect connection between cables, LED strip and profile
- To change functionality from single colour to CCT touch by paper clip [or similar metal object] SET jumper for 5 second, then control LED flashes with multiple colours, finally LED should be white
- Touch SET jumper for short time to change colour from white to red
- Touch spring for short time to change colour from red to yellow
- Touch SET jumper for short time to confirm change, control LED flashes with multiple colours



ⓘ Single colour – connected output



ⓘ CCT [dual] colour – connection each channel



Code
F007934

Riex EC47
Wifi Controller Tuya Single Colour



- Single colour Wi-Fi controller for LED strips and lights
- Designed for single colour LED lights
- Compatible with Tuya solution, Bluetooth can also be used
- Voltage 12 / 24V DC
- 2 outputs per 7.5 A, total 15 A
- Max. power 180 W [12V], 240 W [24V]
- Support WiFi 2.4 GHz 802.11 b / g / n
- Stand by consumption <0,5 W
- Input: terminal connector
- Output: terminal connector
- Compatible with Riex remote control

Instruction
- Install Tuya Smart application [QR or store]
- Register or login to account [limited functionality is possible without account]
- Connect the power and output cables according instruction diagram
- Connect controller to power supply, press „SET“ for long time or switch on / off 4 times
- Open app, phone will automatically find device, if not, click „+“ and select „add new device“
- Follow steps and complete linking
- Works also with dedicated remote control
- Control lights by phone or remote control

Code
F007939

Riex EC49
Wifi Controller Tuya Multicolour





- Universal Wi-Fi controller for LED strips and lights
- Designed for Single colour, CCT, RGB, RGBW, RGBWW LED lights
- Compatible with Tuya solution, Bluetooth can also be used
- Voltage 12 / 24V DC
- 6 outputs per 6 A, total 15 A
- Max. power 180 W [12V], 240 W [24V]
- Supports Wi-Fi 2.4 GHz 802.11 b / g / n
- Stand by consumption <0,5 W
- Input: terminal connector with push buttons
- Output: terminal connector with push buttons
- Compatible with Riex remote control

Instruction

- Install Tuya Smart application [QR or App store]
- Register or login to account [limited functionality is possible without account]
- Connect the power and output cables according to instruction diagram
- Connect controller to power supply, press „SET“ for long time or switch on / off 4 times
- Open app, phone will automatically find device, if not, click „+“ and select „add new device“
- Follow steps and complete linking
- Works also with dedicated remote control
- Control lights by phone or remote control
- To change mode according connected LED light [single colour / CCT / RGB etc.] push „SET“ button – information diode change colour

Code
F007940

Modes and LED colour:

White	Yellow	Red	Green	Blue
Single colour	CCT	RGB	RGBW	RGB+CCT

Status light indication:

Red	Green	Red blinking	Blue
Disconnected from network	Connected	Waiting for smartlink	Wifi router disconected, but still controllable

Riex EC49
Remote Control 4 Zone Universal



- Universal remote control for controller Riex EC47 / EC49
- Control of Single colour, CCT, RGB, RGBW, RGBWW LED lights [with Riex EC47 only single colour]
- 4 independent zones allows control 4 groups of controllers
- Working range up to 30 m [unobstructed]

Instruction
- Pairing – push switch off power button for at least 10 sec Power on, push 3 times zone button „I“ on zone you want to connect
- Light will blink 3 times when connect successfully
- Unpairing – switch off power for at least 10 sec.. Power on, push 5 times zone button „I“ on zone you want to disconnect
- Light will blink 10 times when unpairing is successfull

Code
F007941

Riex EC47 / EC49
Remote Control Dual Colour



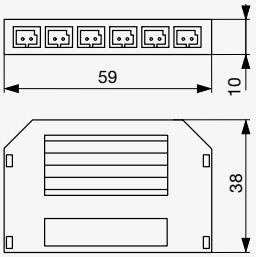
- Universal remote control for controller Riex EC44 / EC49
- Control of Single colour or CCT LED lights [with Riex EC47 only single colour]
- 4 independent zones allows control 4 groups of controllers
- Working range up to 30 m [unobstructed]

Instruction
- Pairing – switch off power for at least 10 sec.. Power on, push 3 times zone button „I“ on zone you want to connect
- Light will blink 3 times when connect successfully
- Unpairing – switch off power for at least 10 sec.. Power on, push 5 times zone button „I“ on zone you want to disconnect
- Light will blink 10 times when unpairing is successfull

Code
F007943

Riex EC91
Distributor



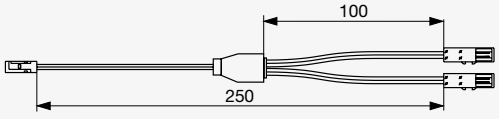


- Distributor 12 / 24V
- 6 output with connectors MINI for quick installation
- Voltage 12 / 24V DC
- Max. power 60 W, single output max. 30 W
- Cables 1.8 m with MINI connector

Type	Code
6 output	**F003542**

Riex EC94
Splitter Cable With 2 Outputs





- To split output from driver or from sensor
- Length 0.2 m, MINI connectors 1× Male + 2× Female
- Max. load 60 W

Type	Code
2 outputs	**F003545**

Riex EC92
Extension Cable



- Extension cable with MINI connector 12 / 24V
- Length 1.8 m, MINI connectors Male + Female
- Max. load 60 W

Length [m]	Code
1.8	F003543

Riex EC93
Cable for Soldering



- To connect output from driver or sensor with LED strips 12 / 24V
- Length 1.8 m, MINI connector Male + free ends
- Max. load 60 W

Length [m]	Code
1.8	F003544

Riex EC20
Cable 2 × 0.5 mm²

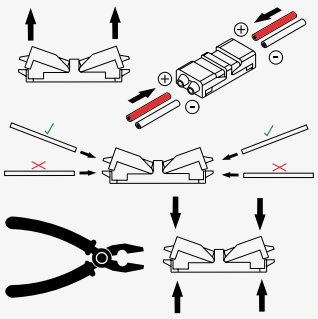


- Recommended for installing a longer line with higher power
- Compatible with cable connectors
- Black / red wire, 20 AWG, max. 300 V

Length [m]	Code
25 m	F004860

Riex EC10
Cable Fast Connector





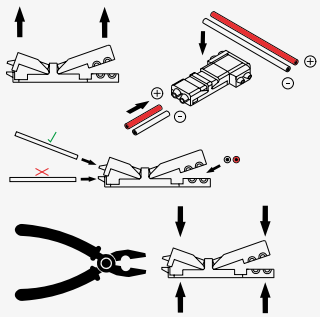
- For connection of two cables 0.34–0.78 mm², 22–18 AWG
- Quick connection – put cables in and press with pliers, don‘t strip wires!
- Voltage 12 / 24 / 230V
- Current max. 9 A, power 108 W [12V] / 216 W [24V], 500 W [230V]
- Indoor use IP20

Type	Code
Cable connector	F004856

Riex EC11
Branch Fast Connector



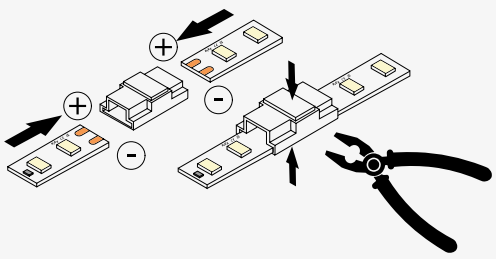
- To create branch, for cable 0.34–0.78 mm², 22–18 AWG
- Quick connection – put cables in and press with pliers, don't strip wires!
- Voltage 12 / 24 / 230V
- Current max. 9 A, power 108 W [12V] / 216 W [24V], 500 W [230V]
- Indoor use IP20



Type	Code
T shape connector	**F004857**

Riex EC01
Fast Connector 2× LED Strips

- For connecting two LED strips
- Quick connection – put LED strips in and press with pliers
- Designed for IP20 LED strips, other types have to be stripped
- Check polarity before pressing – non removable
- Slim design – fit to aluminium profiles*
- Voltage 12 / 24V
- Current max. 5 A, power 60 W [12V] / 120 W [24V]
- Indoor use IP20

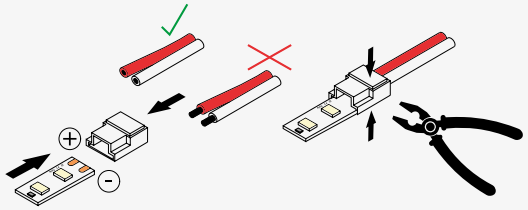


LED strip width [mm]	Code
8	**F004851**
10	**F004852**

* Minimum inner width of LED profile is 10 mm for LED strips 8 mm and 12 mm for LED strips 10 mm, minimum inner height 4.3 mm.

Riex EC02
Fast Connector Wire × LED Strip

- For connection LED strip with wires
- Quick connection – put in LED strip and wire and press with pliers
- Suitable wires 0.5 mm², 20 AWG, don't strip wires!
- Designed for IP20 LED strips, other types have to be stripped
- Check polarity before pressing – non removable*
- Slim design – fit to aluminium profiles*
- Voltage 12 / 24V
- Current max. 5 A, power 60 W [12V] / 120 W [24V]
- Indoor use IP20



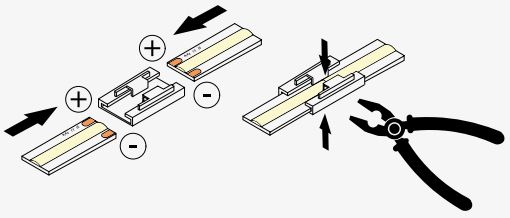
LED strip width [mm]	Code
8	F004853
10	F004854

* Minimum inner width of LED profile is 10 mm for LED strips 8 mm and 12 mm for LED strips 10 mm, minimum inner height 4.3 mm.

Riex EC03
Fast Connector 2× COB LED Strips



- For connection two COB LED strips
- Quick connection – put COB LED strips in and press with pliers
- Minimum gap and transparent body to keep continuous line
- Check polarity before pressing – non removable
- Slim design – fit to aluminium profiles*
- Voltage 12 / 24V
- Current max. 5A, power 60 W [12V] / 120 W [24V]
- Indoor use IP20



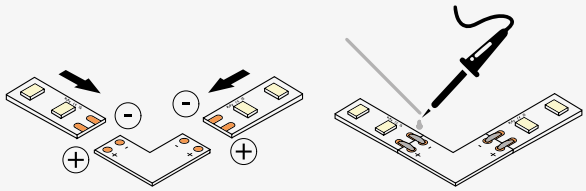
LED strip width [mm]	Code
10	F004855

* Minimum inner width of LED profile is 11.6 mm, height 3.3 mm.

Riex EC06
Corner Connector



- For corner connection
- Can be soldered or with fast connectors EC 01
- Voltage 12 / 24V
- Current max. 3A, power 36 W [12V] / 72 W [24V]
- Indoor use IP20

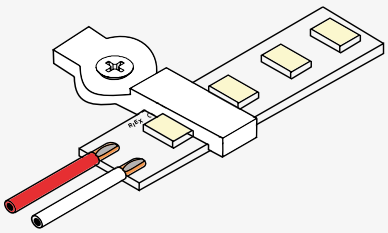


LED strip width [mm]	Code
8	F004858
10	F004859

Riex EC16
Clamp for LED Strip



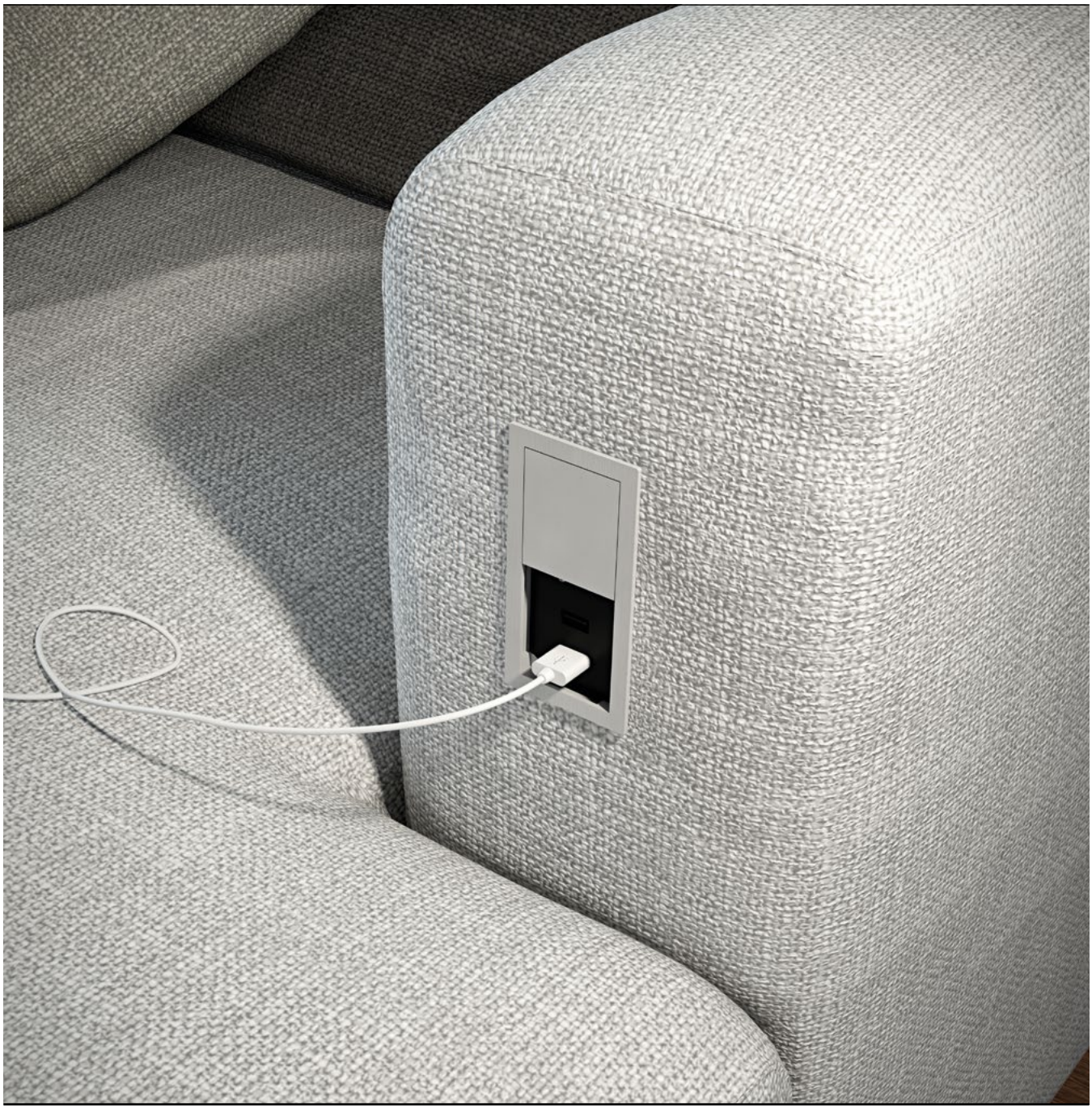
- Clamps to ensure connection of LED strips
- Prevent peeling, recommended using in beginning to hold weight of cables
- Transparent
- Connection by screw
- For IP20 LED strips [non waterproof]



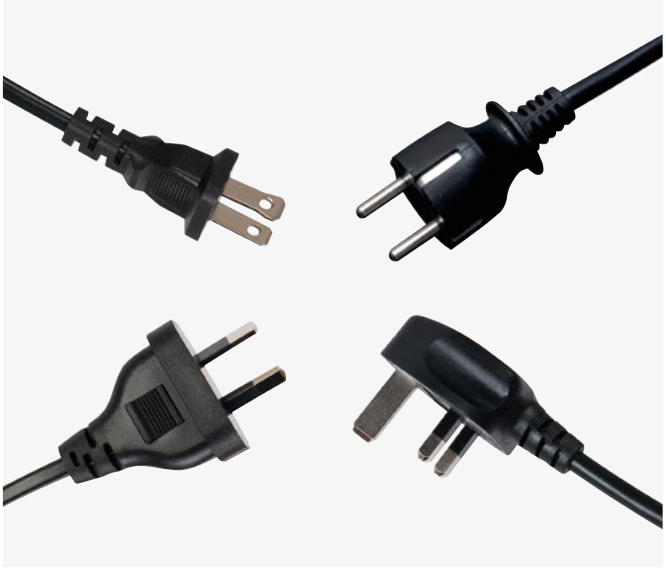
LED strip width [mm]	Code
8	F004861
10	F004862

Electrical Sockets

- Solution for electrification of furniture
- Prepared for quick installation



Type of Sockets



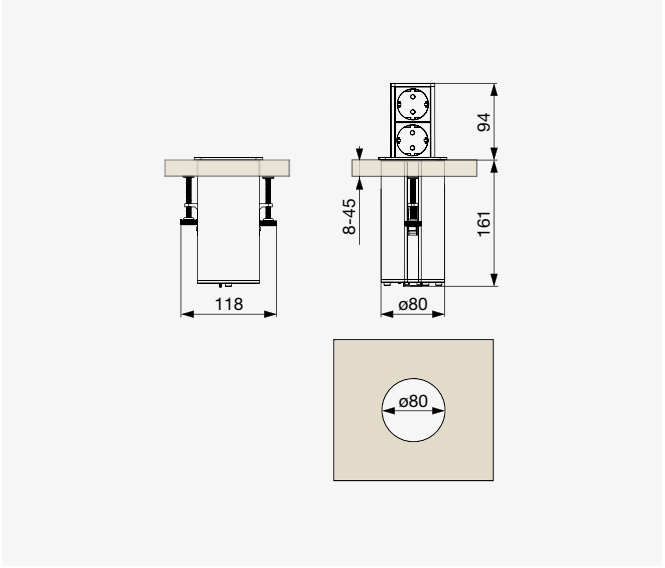
Type of sockets	Code	Drawing	Used in countries
French	Type E		B, CZ, F, PL, SK
Schuko	Type F		AT, BG, BY, DE, EE, ES, FI, GR, HR, HU, IT, LT, LV, MK, NL, NO, RO, RS, SE, SI, UA and majority other EU countries
UK	Type G		UK

Riex ED55
Pop up Lifting Socket with USB Charger

- Slim design requires minimum space
- Aluminium body, designed for thickness 8–45 mm
- Power cable 2 m with plug
- Quick charge 3.0 for version with USB output







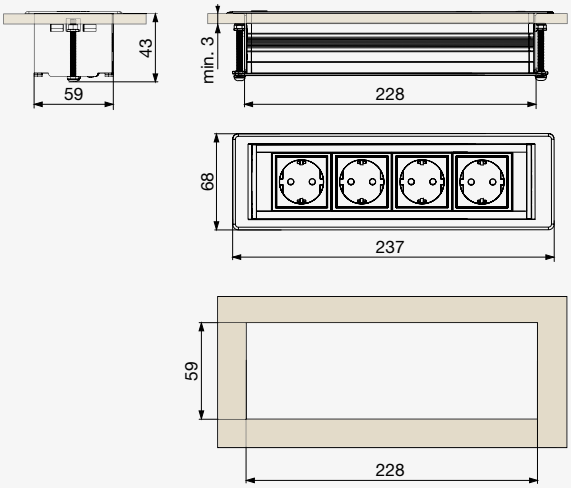
Type of sockets	Power sockets	Other equipment	Colour	Code
Schuko type F	2	×	Black / stainless steel	**F003644**
	1	1× USB A + 1× USB C	White / stainless steel	**F003646**
French type E	2	×	Black / stainless steel	**F003645**
	1	1× USB A + 1× USB C	White / stainless steel	**F003647**

Riex ED56
Table Frame with Sockets

- Slim design requires minimum space
- Aluminium body, black plastic + silver anodised
- Power cable 0.4 m with GST18 plug
- Cables with GST connector Riex ED61 and ED62 p. 13.60
- Empty position for customisation by keystones, see p. 13.60





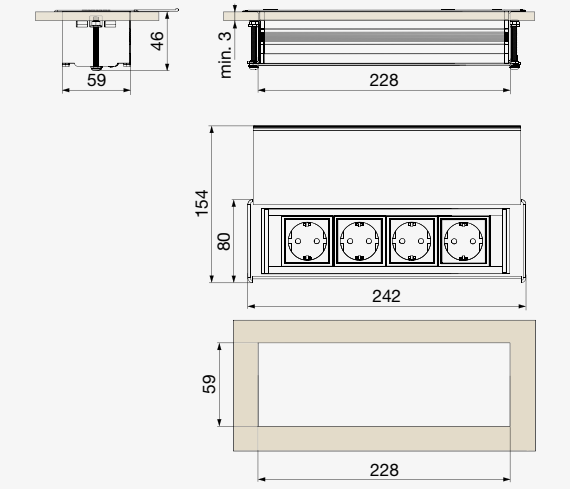


Type of sockets	Power sockets	Other equipment	Colour	Code
Schuko type F 	4	×	Black	**F003648**
	3	1× empty module	Brushed aluminium	**F003642**
French type E 	4	×	Black	**F003649**
	3	1× empty module	Brushed aluminium	**F003643**

Riex ED57
Table Frame with Cover

- Slim design requires minimum space
- Aluminium body, black plastic + silver anodised
- Power cable 0.4 m with GST18 plug
- Cables with GST connector Riex ED61 and ED62 p. 13.60





Type of sockets	Power sockets	Code
Schuko type F 	4	**F003650**
French type E 	4	**F003651**

Riex ED61
Power Cable GST



- For electrical connection
- Connector GST18

Length [mm]	Code
2000	**F003652**
3000	**F003653**

Riex ED62
Connection Cable GST



- For connection between more sockets
- Connector GST18 male + female

Length [mm]	Code
2000	**F003654**
3000	**F003655**

Riex ED65
Keytones and Accessories



ⓘ **F003658**



ⓘ **F003659**



ⓘ **F003660**



ⓘ **F003661**



ⓘ **F003662**



ⓘ **F003663**

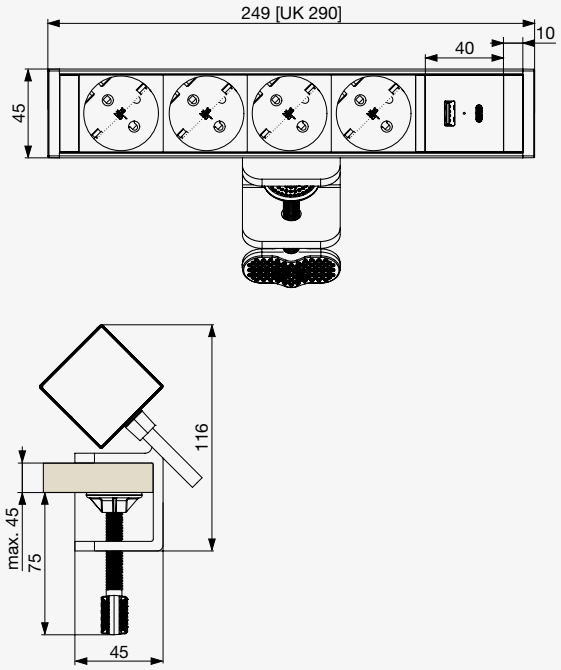
- For installation to empty modules
- Black colour

Type	Code
RJ45 Cat6 [F / F]	**F003658**
HDMI [F / F]	**F003659**
Keystone USB 3.0 [A / A]	**F003660**
Frame for 1 keystone	**F003661**
Frame for 2 keystones	**F003662**
Cover to empty module	**F003663**

Riex ED12
Power Socket with Clamp and USB Charger

- 1× USB A and 1× USB C fast charger 18 W
- Black body and modules
- Power cable 2 m with plug





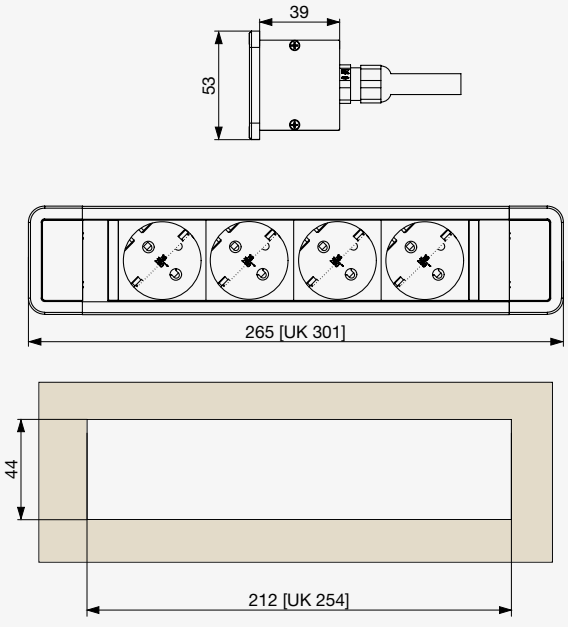
ⓘ **F004865**

Type of sockets	Power sockets	Other equipment	Code
Schuko type F	4	1× USB A + 1× USB C	**F004866**
French type E	4		**F004865**
UK type G	4		**F004867**

Riex ED14
Table Power Socket

- Black body and modules
- Power cable 2 m with plug





ⓘ **F004870**

Type of sockets	Power sockets	Code
Schuko type F	4	**F004869**
French type E	4	**F004868**
UK type G	4	**F004870**

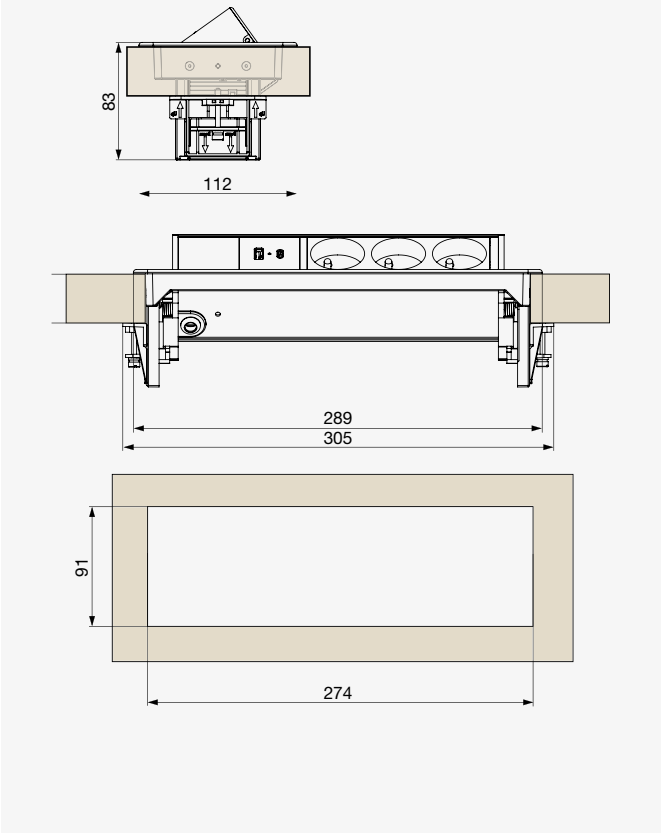
Riex ED15
Flip Up Power Socket with USB Charger

- 1× USB A and 1× USB C fast charger 18 W
- Brushed stainless steel body and black modules
- Power cable 2 m with plug



ⓘ **F004871**

Type of sockets	Power sockets	Other equipment	Code
French type E 	3	1× USB A + 1× USB C	**F004871**
Schuko type F 	3		**F004872**
UK type G 	3		**F004873**



● Bachmann Twist

- Electrical socket with rotating cover
- Power cable 2 m with plug



ⓘ **F004919**

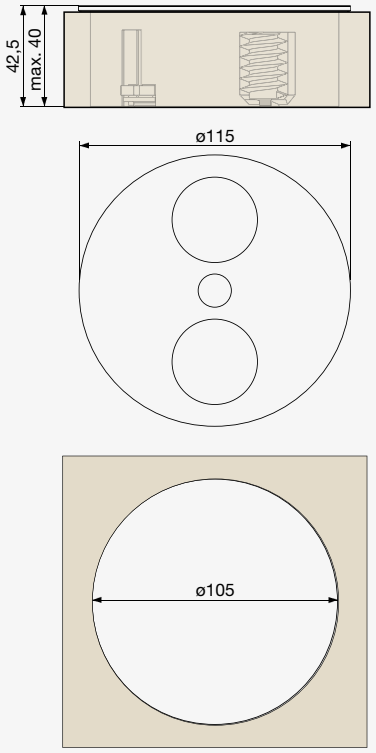


ⓘ **F004920**



ⓘ **F004922**

Type of sockets	Power sockets	Colour	Code
Schuko type F 	2	Stainless steel imitation	**F004919**
		Matt black	**F004921**
		Matt white	**F004923**
French type E 	2	Stainless steel imitation	**F004918**
		Matt black	**F004920**
		Matt white	**F004922**



● Bachmann Pix

- Single electrical socket with modern design
- Small mounting diameter 56 mm
- Customised by changeable ring, white and black included
- Power cable 0.2 m with GST18 plug [UK Power cable 2 m with plug]
- Cables with GST connector Riex ED61 and ED62 p. 13.60



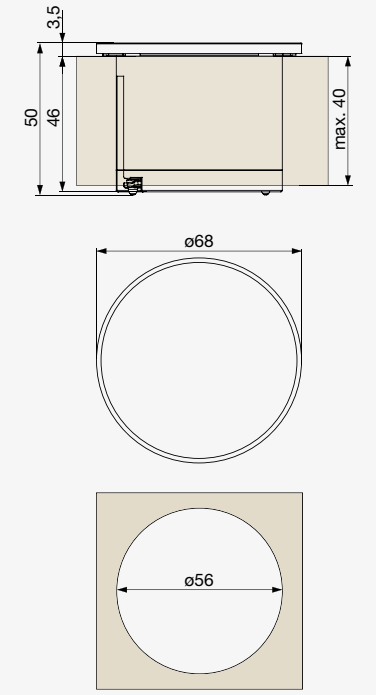
ⓘ **F004919**



ⓘ **F004927**

Type of sockets	Power sockets	Code
Schuko type F 	1	**F004924**
French type E 	1	**F004925**
UK type G 	1	**F004926**
1× empty position*		**F004927**

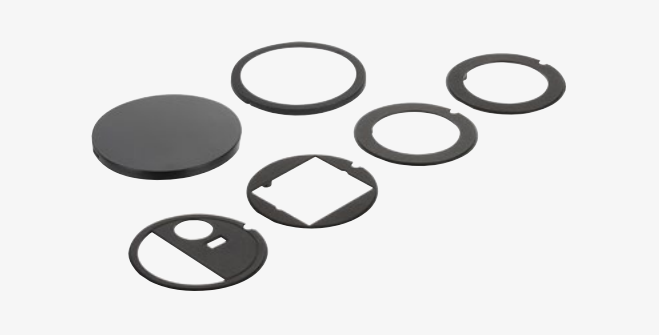
* Empty position for customisation by keystones, see p. 13.64.



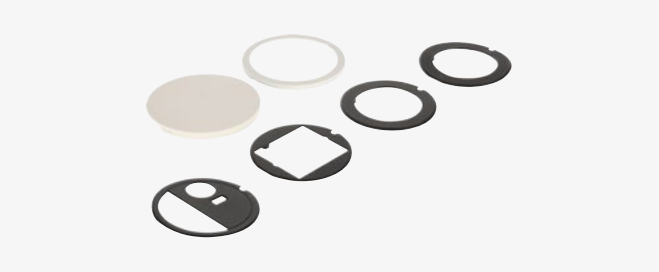
● Bachmann Pix Accessories

Swivelling lid with matching decorative ring incl. covers for all countries and connection variants.

- Set of covers



● Matt black



○ Matt white

Colour	Code
Matt black	**F004928**
Matt white	**F004929**

● Bachmann Keystones and Accessories

For customisation Bachmann Pix with empty position.



ⓘ **F004930**



ⓘ **F004931**



ⓘ **F004932**



ⓘ **F004933**



ⓘ **F004934**



ⓘ **F004935**

Type	Code
Frame for 1 keystone	**F004930**
Frame for 2 keystones	**F004931**
Cover to empty module	**F004932**
Keystone RJ45 CAT6A [F / F]	**F004933**
Keystone HDMI class [F / F]	**F004934**
Keystone USB 3.0 [A / A] straight-through	**F004935**

● SFL Cizo

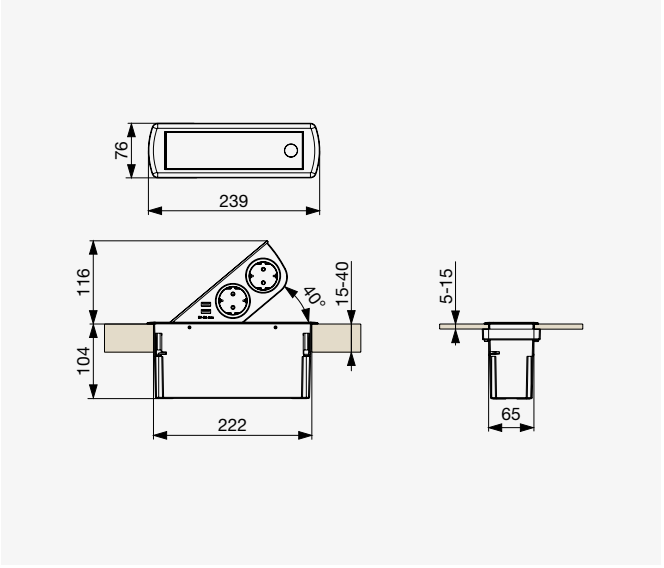
- Pop up socket
- Slim design requires minimum space
- Metal body, designed for thickness 15–45 mm
- Power cable 2 m with plug



○ Matt white



● Matt black



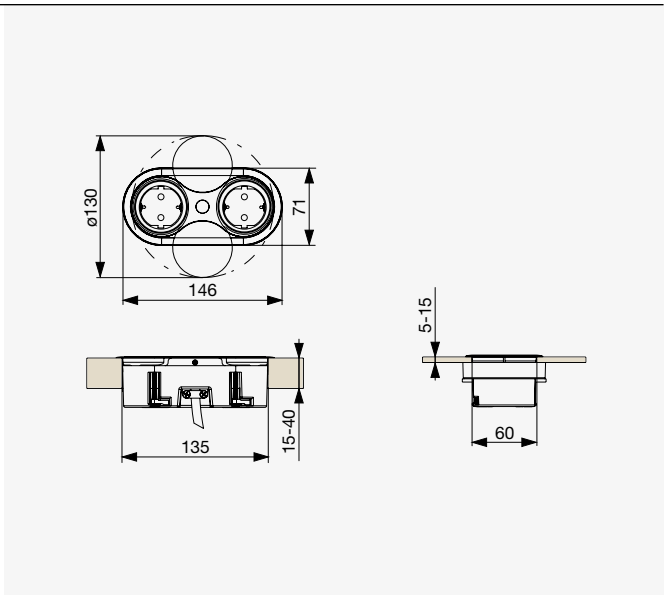
Type of sockets	Power sockets	Other equipment	Colour	Code
Schuko type F	2	2× USB A	Matt black	**F003416**
			Matt white	**F003418**
French type E	2	2× USB A	Matt black	**F003415**
			Matt white	**F003417**

● SFL Eight

- Socket with innovative rotative cover Push for open
- Metal body, designed for thickness 15–40 mm
- Power cable 1 m with plug







Type of sockets	Power sockets	Colour	Code
Schuko type F	2	Matt black	**F003420**
		Stainless steel	**F003422**
French type E	2	Matt black	**F003419**
		Stainless steel	**F003421**

● SFL Born

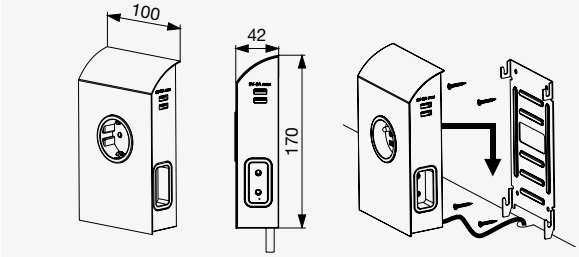
- Surface mounted socket with USB charger
- 2× USB A, output 5V, 2A
- Metal body
- Power cable 2 m with plug



● Stainless steel



● Matt black



Type of sockets	Power sockets	Other equipment	Colour	Code
Schuko type F	1 + 2*	2× USB A	Matt black	**F003426**
			Stainless steel	**F003425**
French type E	1 + 2*	2× USB A	Matt black	**F003424**
			Stainless steel	**F003423**

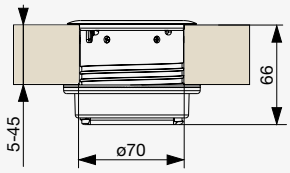
* 1× standard power socket + 2× EU sockets type C for flat plug from both sides.

● SFL Ring

- Single electrical socket with cover and USB charger
- 2× USB A, output 5V, 1A
- Slim design for hole 70 mm
- Metal body, designed for thickness 4–45 mm





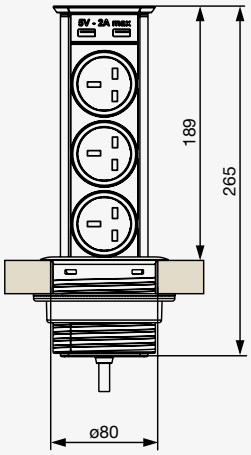


Type of sockets	Power sockets	Other equipment	Colour	Code
Schuko type F	1	1× USB A	Matt black	**F003432**
			Matt white	**F003433**
French type E	1	1× USB A	Matt black	**F003430**
			Matt white	**F003431**

● SFL Brick

- Pop up lifting socket with USB charger
- 2× USB A, output 5V, 2A
- Slim design for hole 80 mm
- Aluminium body, designed for thickness 4–50 mm
- Power cable 2 m with plug





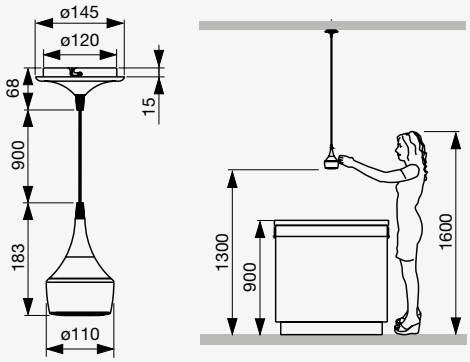
Type of sockets	Power sockets	Other equipment	Code
Schuko type F	3	2× USB A	**F003428**
French type E	3	2× USB A	**F003427**
UK type G	2	2× USB A	**F003429**



● SFL Mercury

- Inovative power socket combined with LED light
- LED light 6 W, neutral white with dimming
- Matt black body
- Cable 0.9 m can be shortened as required
- Installation should be provided by authorised person
- Require TN-S wiring [3 wires, with separated ground]





Type of sockets	Power sockets	Code
Schuko type F	1	F003553
French type E	1	F003552
UK type G	1	F003554



● ASA Plastici
Versahit Mono

- Socket with sliding cover
- IP54 when closed
- Power cable 2 m with plug [plug is not connected to cable for easier installation]

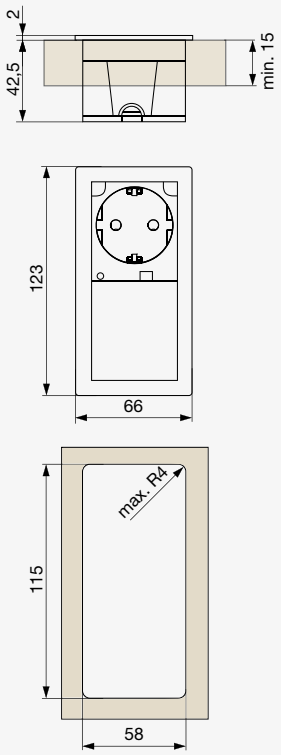
IP54
Resistance



● Stainless steel



● Matt black



Type of sockets		Power sockets	Colour	Code
Schuko type F		1	Stainless steel	**F004895**
			Matt black	**F004898**
French type E		1	Stainless steel	**F004894**
			Matt black	**F004897**
UK type G		1	Stainless steel	**F004896**
			Matt black	**F004899**

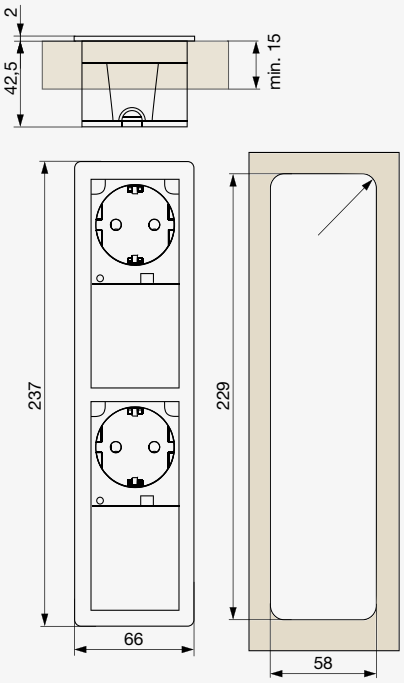


● ASA Plastici
Versahit Mono Combi

- Socket with sliding cover
- Inox – stainless steel surface
- IP54 when closed
- Power cable 2 m with plug [plug is not connected to cable for easier installation]

IP54
Resistance





● Stainless steel

Type of sockets	Power sockets	Other equipment	Code
Schuko type F	2	×	**F004901**
	1	2× USB A	**F004904**
French type E	2	×	**F004900**
	1	2× USB A	**F004903**
UK type G	2	×	**F004902**
	1	2× USB A	**F004905**

● ASA Plastici
Versahit Dual

- Socket with sliding cover
- IP54 when closed
- Power cable 2 m with plug [plug is not connected to cable for easier installation]

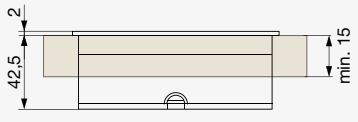
IP54
Resistance

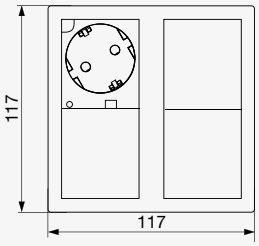


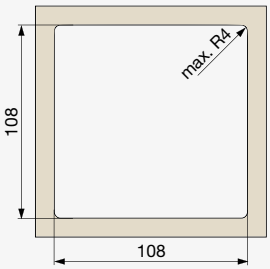
● Stainless steel



● Matt black







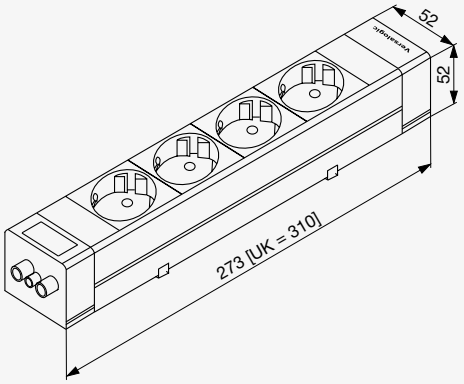
Type of sockets		Power sockets	Colour	Code
Schuko type F		2	Stainless steel	**F004433**
			Matt black	**F004436**
French type E		2	Stainless steel	**F004432**
			Matt black	**F004435**
UK type G		2	Stainless steel	**F004434**
			Matt black	**F004437**



● ASA Plastici
Versatek Basic

- Power socket interconnect-able
- Matt black colour
- GST connector
- Cables with GST connector Riex ED61 and ED62 p. 13.60



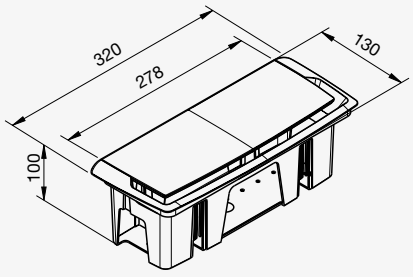


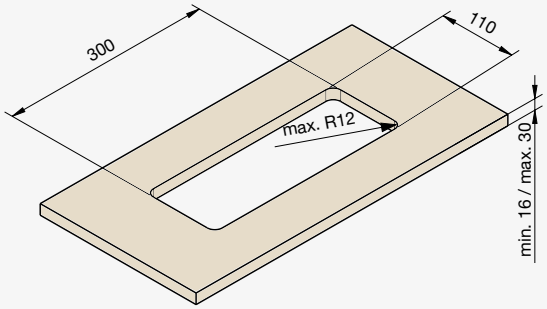
Type of sockets	Power sockets	Code
Schuko type F	4	**F004907**
French type E	4	**F004906**
UK type G	4	**F004908**

● ASA Plastici
Basket for Versatec

- Size 320 × 130 mm
- Material – technopolymer







Colour	Code
Silver	**F004909**

● ASA Plastici Versapick

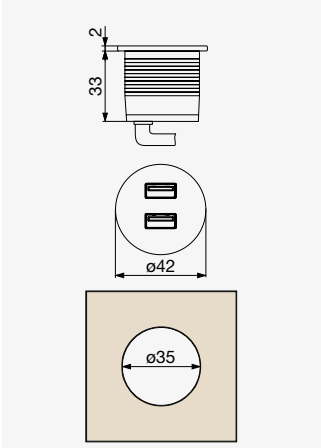
- Charging point
- Set includes charger with EURO plug



● ASA Plastici Versapick
Plastic Body







- Output 2× USB A
- Power 10 W, 2 A

Colour	Code
Matt white	**F004910**

● ASA Plastici Versapick
Metal Body – Square Shape



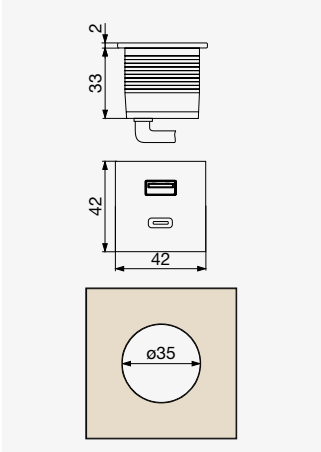
● Stainless steel



● Matt black



○ Matt white



- Hole ø 35 mm
- Output 1× USB A + 1× USB C
- Fast charge QC 3.0, max. power 20 W

Colour	Code
Stainless steel	**F004911**
Matt black	**F004912**
Matt white	**F004914**

● ASA Plastici Versapick
Metal Body – Rectangular Shape



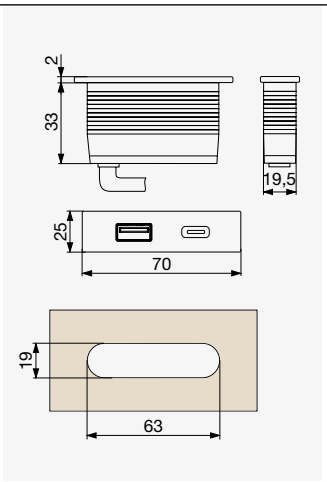
● Stainless steel



● Matt black



○ Matt white



- Hole 19 × 63 mm
- Output 1× USB A + 1× USB C
- Fast charge QC 3.0, max. power 20 W

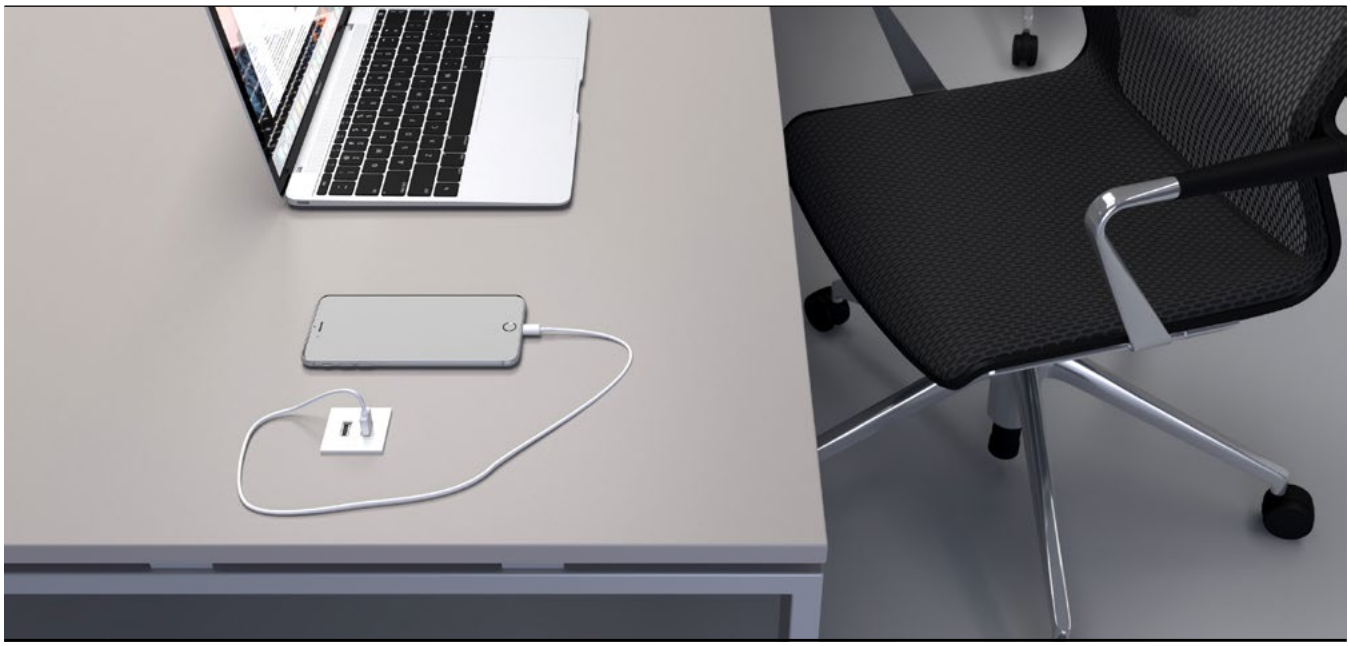
Colour	Code
Stainless steel	**F004915**
Matt black	**F004916**
Matt white	**F004917**

● ASA Plastici Versapick
USB Charger UK Plug



Type	Code
USB Charger UK plug	**F004913**

Charger for using Versapick in countries with UK sockets.



ASA Plastici Versacharger

- Solution for wireless charging a wide range of smartphones, watches, earphones etc.

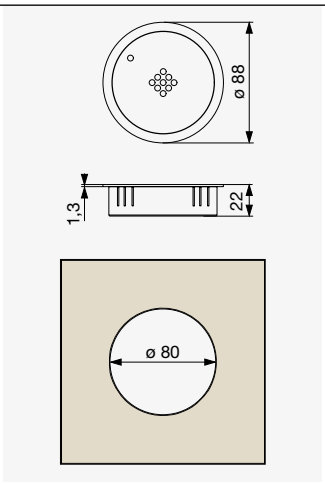
● ASA Plastici Versacharger



● Black ring + black matt



● Polish chrome ring + black disk



- Wireless fast charger Qi standard
- Max. changing power 15 W [must be supported by phone too]
- The start of charging is signaled by a beep. The LED indicates charging, turning off when fully charged.
- Installation hole 80 mm
- Set include charger, cable 2 m [USB A / micro USB] and adaptor with EU plug* [USB A]
- For indoor use

Colour	Code
Black ring + black matt	**F010130**
Polish chrome ring + black disk	**F010131**



Connecting Fittings

Explore our range of small yet essential parts. In this section, you will find everything from screws and fasteners to eccentric fittings and connecting wooden pins [with or without glue] to adhesive caps in a wide range of decors and colours. There are also hanging fittings for cabinets, including heavy-duty ones. In addition to Riex products, we offer products from European leaders Fischer, Spax and Italiana Ferramenta.



● **Screws** **14.3**
Spax Screws 14.4
Spax Bits 14.10
Riex Screws 14.11

● **Fischer Expansions Plugs** **14.13**

● **Riex Confirmate Screws and Euroscrews** **14.19**

● **Connecting Screws** **14.21**
Worktop connectros 14.22
Nuts 14.24
Keep-Nuts 14.27

● **Eccentric Connectors** **14.29**

● **Wooden Dowels** **14.33**

● **Self Adhesive Caps** **14.37**

● **Cabinets Hangers** **14.40**
Riex Cabinet Hangers 14.40
IF Cabinet Hangers 14.43

● **Shelf Holders** **14.52**

● **Shelf Consoles** **14.61**

● **Angle and Connecting Plates** **14.66**

CONTENT

Screws

- Screws SPAX – German quality and wide range of models
- Screws Riex – all basic models of screws



SPAX
Main Difference from Other Screws



T-STAR plus

- Positive and secure fit of the BIT and better driving, eg. when working overhead



MULTI Head

- Flush countersinking. Cuts through wood and stops on metal
- For screwing boards to beams whenever flush countersinking of the head is required



4CUT point

- No pre-drilling [wooddependent], its point effectively reduces splitting. The square point pushes aside the fibre of the wood and reduces the screwing-in torque



Ground serrations

- Starting at screw lengths of 160 mm, the special moulding at the end of the partial thread significantly reduces the screwing-in torque



Wirox

- High protection against corrosion
- High zinc layer thickness
- EN 1670 standard
- Environmentally friendly – free from chromnium-VI

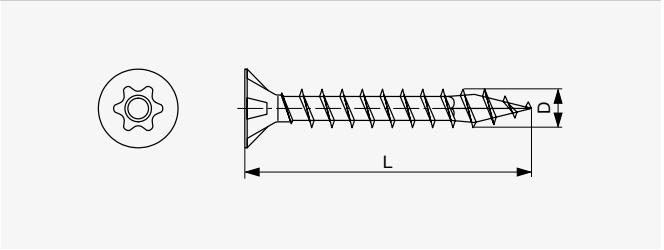
● Spax Screws
Flat Countersunk Head – TX Drive

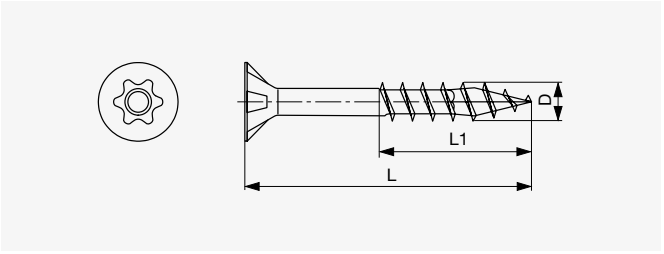


Full thread



Half thread





Full thread

Diameter D [mm]	Length L [mm]	Code	Colour
3,0	16	F004205	White zinc
	20	F004206	
3,5	15	F009812	
	16	F004207	
	20	F004208	
	25	F004209	
	30	F004210	
	35	F004211	
	40	F010359	
4,0	15	F010360	
	16	F004215	
	20	F004216	
	25	F004217	
	30	F004218	
	35	F004220	
	40	F004221	
	45	F004222	
	50	F004223	
5,0	50	F004225	
	60	F004226	
	70	F004227	
	80	F004228	
6,0	60	F008631	

Half thread

Diameter D [mm]	Length L [mm]	Code	Thread length L1 [mm]	Colour
3,5	30	F010358	18	White zinc
	35	F009814	23	
	40	F008064	10	
	50	F004212	32	
4,0	30	F004219	18	
	35	F010361	23	
	40	F010362	23	
	50	F004224	32	
	60	F008266	37	
	70	F010357	37	
4,5	35	F010363	25	
	40	F010364	25	
	50	F010365	32	
	60	F010366	37	
	70	F010367	42	
5,0	40	F010368	27	
	45	F010369	30	
	50	F010132	32	
	55	F010370	37	
	80	F004229	46	
	90	F004230	61	
	100	F004231	61	
	120	F004232	69	
6,0	50	F004233	32	
	60	F004234	37	
	70	F004235	41	
	80	F004236	46	
	90	F004237	61	
	100	F004238	61	
	120	F004239	68	

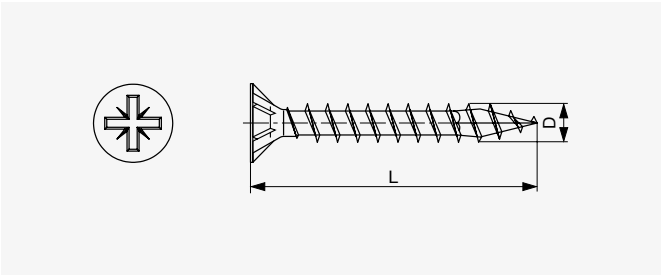
● Spax Screws
Flat Countersunk Head – PZ Drive

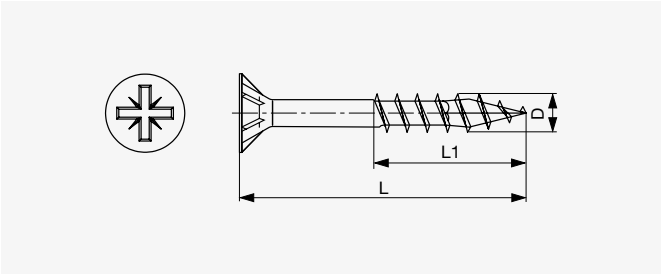


ⓘ Full thread



ⓘ Half thread





Full thread

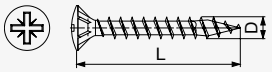
Diameter D [mm]	Length L [mm]	Code	Colour
2.5	12	F009817	White zinc
	20	F007687	
3.0	15	F009818	
	16	F004240	
	20	F004241	
	25	F009819	
	30	F009820	
3.5	15	F009821	
	16	F004242	
	20	F004243	
	25	F004244	
	30	F004245	
	35	F008065	
	40	F004246	
	45	F010133	
	50	F009822	
4.0	16	F004247	
	20	F004248	
	25	F004249	
	30	F004250	
	35	F004252	
	40	F004253	
	45	F004254	
	50	F004255	
	60	F009823	
	80	F009824	
5.0	50	F004256	
	60	F004257	
	70	F004258	
	80	F004259	

Half thread

Diameter D [mm]	Length L [mm]	Code	Thread length L1 [mm]	Colour
3.5	35	F010355	23	White zinc
	40	F010356	23	
4.0	30	F004251	18	
4.0	45	F010134	30	
4.0	50	F010135	32	
4.0	60	F010136	37	

● SPAX Screws
Raised Countersunk Head – PZ Drive

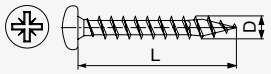




Diameter D [mm]	Length L [mm]	Code	Colour
3.5	16	**F004278**	Nickel plated
	20	**F004279**	
4.0	16	**F004280**	
	20	**F004281**	

● Spax Screws Pan Head

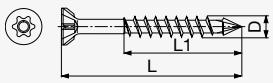




Diameter D [mm]	Length L [mm]	Drive	Code	Colour
3	10	PZ	**F010371**	White zinc
3,5	16	TX	**F004262**	
		PZ	**F010372**	
4,0	18	TX	**F004265**	
		PZ	**F004268**	
	20	TX	**F010373**	
4,5	16	TX	**F004269**	
5,0	20	TX	**F010374**	
	25	TX	**F010375**	
6,0	40	TX	**F010376**	
	50	TX	**F010377**	
	60	TX	**F010378**	

● Spax Screws for MDF
Flat Countersunk Head – TX Drive

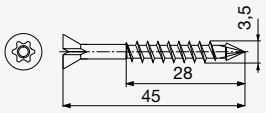




Diameter D [mm]	Length L [mm]	Code	Thread length L1 [mm]	Colour
3.5	50	**F004274**	35	White zinc
4.0	50	**F004275**	35	
	60	**F004276**	40	
4.5	50	**F004277**	35	

● Spax Screws
for Solid Wood with Flat Countersunk Head – TX Drive

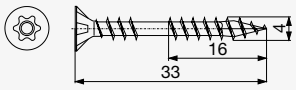




Diameter [mm]	Length [mm]	Code	Thread length [mm]	Colour
3.5	45	**F004284**	28	White zinc

● Spax Connection Screw
Flat Countersunk Head, Double Thread – TX Drive



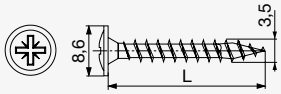


Diameter [mm]	Length [mm]	Code	Colour
4.0	33	**F004272**	White zinc

- Ideal screw for flat connection of two boards 18 mm
- Perfectly tightens the boards together

● Spax Screws
for Chipboard with Flange Head – PZ Drive

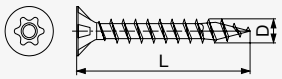




Diameter [mm]	Length L [mm]	Code	Colour
3.5	17	**F004282**	White zinc
	20	**F004283**	

● Spax Screws
Flat Countersunk Head – TX Drive in Black Zinc



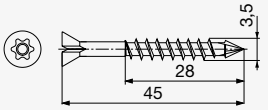


Full thread

Diameter D [mm]	Length L [mm]	Code	Colour
3,5	16	**F009813**	Black znic
4,0	20	**F008608**	
	25	**F009815**	
	35	**F009816**	

● Spax Screws
for Solid Wood with Flat Countersunk Head – TX Drive

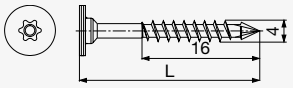




Diameter [mm]	Length [mm]	Code	Thread length [mm]	Colour
3.5	45	**F004284**	28	White zinc

● Spax Decorative Screws
for Chipboard with Flange Flat Head – TX Drive



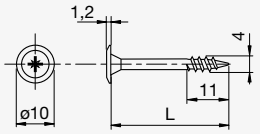


Diameter [mm]	Length L [mm]	Code	Thread length [mm]	Colour
4.0	30	**F004285**	16	Nickel
	34	**F004286**		

● IF Decorative Screws
for Chipboard with Flange Flat Head – PZ Drive

ITALIANA ferramenta





Diameter D [mm]	Length [mm]	Code	Thread length L1 [mm]	Colour
4.0	27	**F003086**	11	Nickel
	31	**F003087**		

● Spax Bits TX Drive





Length [mm]	Drive	Code
25	T10	**F004292**
	T15	**F004293**
	T20	**F004294**
	T30	**F004296**
50	T10	**F004298**
	T15	**F004299**
	T20	**F004300**
	T30	**F004302**

● Spax Bits PZ Drive





Length [mm]	Drive	Code
25	PZ1	**F004880**
	PZ2	**F004881**
	PZ3	**F004882**
50	PZ1	**F004883**
	PZ2	**F004884**

● Spax Set of Bits TX Drive with Magnetic Holder



Length [mm]	Drives	Code
25	T10-T40	**F004304**

● Spax Magnetic Holder for Bits



Type	Code
Magnetic	**F004428**

Riex Screws
Flat Countersunk Head – PZ Drive



White zinc



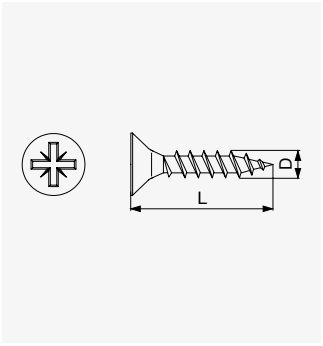
Black



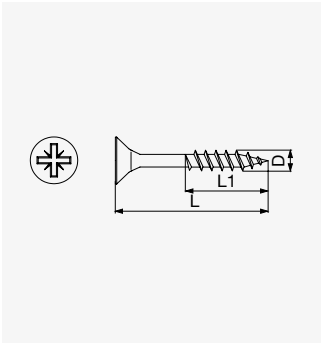
Nickel plated



Yellow zinc



ⓘ Full thread



ⓘ Half thread

Full thread

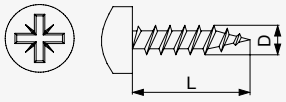
Colour	Diameter D [mm]	Length L [mm]	Code
Black	4.0	16	**F003322**
Nickel plated	4.0	16	**F003321**
White zinc	3.0	16	**F001379**
		20	**F001380**
	3.5	16	**F001383**
		18	**F001384**
		20	**F001385**
		25	**F003306**
		30	**F001386**
		35	**F003307**
		40	**F001387**
		50	**F001388**
	4.0	16	**F001389**
		18	**F001390**
		20	**F001391**
		25	**F001392**
		30	**F001393**
		35	**F001395**
		40	**F001396**
		50	**F001397**
		60	**F001398**
Yellow zinc	3.0	16	**F001335**
	3.5	16	**F001341**
		18	**F001342**
		20	**F001343**
		25	**F001344**
		30	**F001345**
		35	**F001346**
		40	**F001347**
		45	**F001348**
	4.0	16	**F001351**
		20	**F001353**
		25	**F001354**
		30	**F001355**
		35	**F001357**
		40	**F001358**
		45	**F001359**
		50	**F001360**
		60	**F001362**
	5.0	60	**F001371**

Half thread

Colour	Diameter D [mm]	Length L [mm]	Code	Thread length L1 [mm]
White zinc	4.0	33	**F001394**	14
		60	**F001399**	36
Yellow zinc	4.0	33	**F001356**	14
		60	**F001363**	36
	5.0	70	**F001372**	42

Riex Screws
Pan Head – PZ Drive



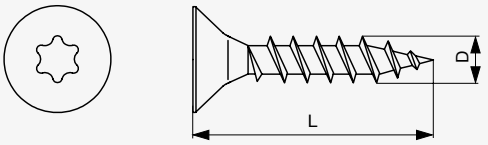


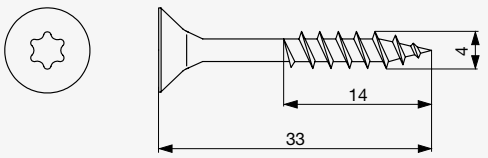
Diameter D [mm]	Length L [mm]	Code	Colour
3.5	16	**F001408**	White zinc
4.0	16	**F001410**	
	20	**F001411**	
	30	**F003314**	
5.0	50	**F003315**	

Riex Screws
Flat Countersunk Head – TX Drive



White zinc Full thread





Full thread

Diameter D [mm]	Length L [mm]	Code	Colour
4.0	16	**F003320**	Black
		F003319	Nickel plated
3.0	16	**F003299**	White zinc
3.5	16	**F001316**	
	18	**F003300**	
	20	**F001317**	
	25	**F003301**	
	30	**F001318**	
	35	**F001319**	
	40	**F003302**	
4.0	16	**F001321**	
	18	**F001322**	
	20	**F001323**	
	30	**F001325**	
	35	**F001326**	
	40	**F001327**	
	50	**F001329**	
	60	**F001330**	

Half thread

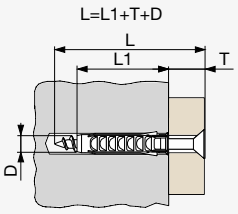
Diameter [mm]	Length [mm]	Code	Thread length [mm]	Colour
4.0	33	**F003305**	14	White zinc

Fischer Expansions Plugs

- One of the world leaders in fixing two differing materials
- Reliable solutions for longevity

ⓘ The required screw length is given by:

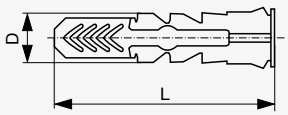
Length of screw [L] = length of plug [L1] + fixture thickness [T] + screw diameter [D]



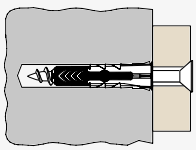


● Fischer
Nylon Plug DUOPOWER





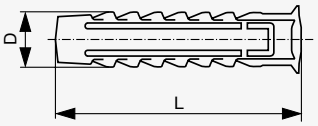
- Plug from two component material
- Great feedback – feel-good-factor
- Building material – solid, perforated or slim material



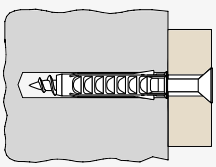
Diameter / Drill hole D [mm]	Length L [mm]	Code	Min. drill hole depth [mm]	Diameter of screw [mm]
5	25	F004372	35	3–4
6	30	F004373	40	4–5
	50	F004378	60	
8	40	F004374	50	4.5–6
	65	F004379	75	
10	50	F004375	70	6–8
	80	F004380	100	
12	60	F004376	80	8–10
14	70	F004377	90	10–12

● Fischer
Nylon Plug SX plus





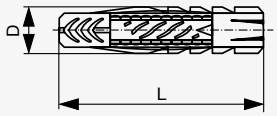
- Nylon plug with 4-way expansion
- Building material – solid



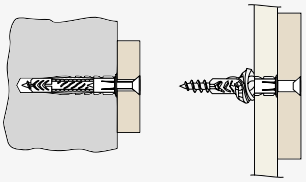
Diameter / Drill hole D [mm]	Length L [mm]	Code	Min. drill hole depth [mm]	Diameter of screw [mm]
6	30	F014889	40	4–5
	50	F014892	60	
8	40	F014890	50	4.5–6
	65	F014893	75	
10	50	F014891	60	6–8
	80	F014894	90	

● Fischer
Nylon Plug UX





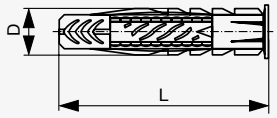
- The nylon plug for all building materials
- The universal operating principle [knotting or expanding] allows for use in all solid, hollow and board building materials.



Diameter / Drill hole D [mm]	Length L [mm]	Code	Min. drill hole depth [mm]	Diameter of screw [mm]
5	30	**F004381**	40	3–4
6	35	**F004382**	45	4–5
	50	**F004391**	60	
8	50	**F004383**	50	4.5–6
10	60	**F004384**	70	6–8
12	70	**F004385**	80	8–10
14	75	**F004386**	85	10–12

● Fischer
Nylon Plug UX with RIM



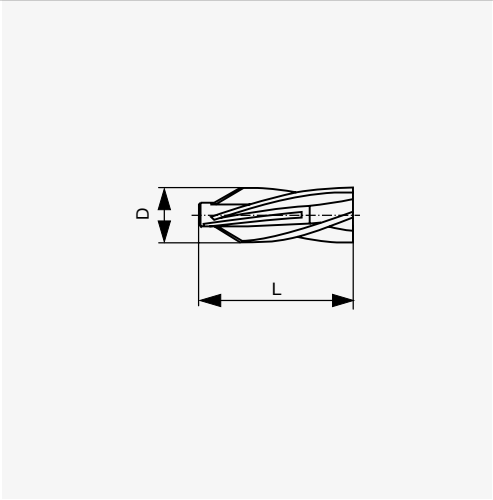


- Universal plug
- Building material – solid, perforated

Diameter / Drill hole D [mm]	Length L [mm]	Code	Min. drill hole depth [mm]	Diameter of screw [mm]
5	30	**F004387**	40	3–4
6	35	**F004388**	45	4–5
	50	**F004392**	60	
8	50	**F004389**	60	4.5–6
10	60	**F004390**	70	6–8

● Fischer
Expansion Plug GB for Different Fixings in Aerated Concrete



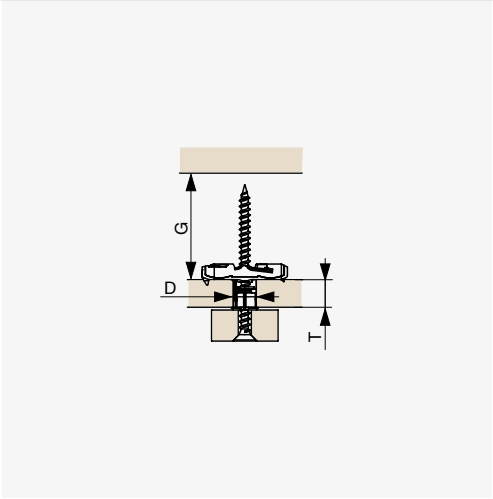


- The spiral-shaped outer ribs cut a positive fit in the soft building material
- Can be applied with a hammer

Diameter / Drill hole D [mm]	Length L [mm]	Code	Min. drill hole depth [mm]	Diameter of screw [mm]
8	50	**F004393**	60	5
10	55	**F004394**	65	7

● Fischer
Folding Plug DUOTEC for Different Board Thicknesses



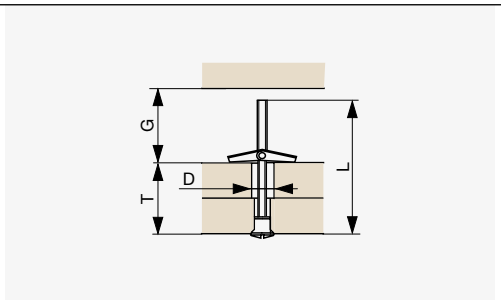


- Flexible screw mount allows for the use of screws and hooks with different thread shapes
- Min. length of the screw = Thickness of Panel + fixture thickness + 20 mm

Diameter / Drill hole D [mm]	Code	Min. panel thickness T [mm]	Max. panel thickness T [mm]	Min. cavity depth G [mm]	Diameter of screw [mm]
10	**F004401**	12	55	40	4.5–5
12	**F004402**	12	55	50	5–6 / M6

● Fischer
Folding Plug KD for Different Board Thicknesses

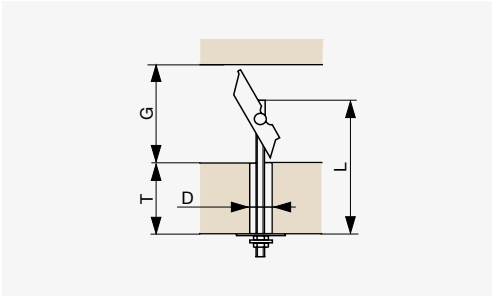




- Universal fixing for fastenings in a wide range of drywall and hollow wall materials

ⓘ **F004397**



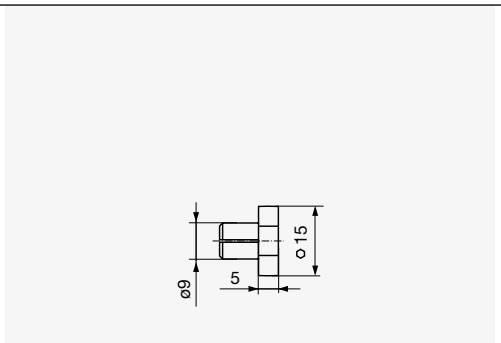


ⓘ **F004398**

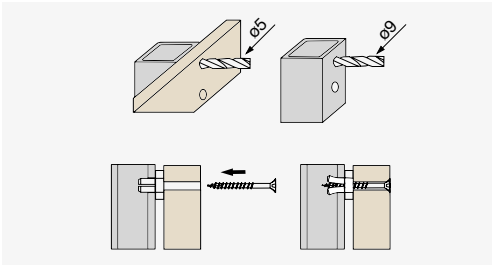
Thread	Code	Diameter / Drill hole D [mm]	Min. panel thickness T [mm]	Min. cavity depth G [mm]
M3 × 90	**F004396**	12	65	27
M4 × 100	**F004397**	14	69	34
M5 × 100	**F004398**	16	63	70
M6 × 100	**F004399**	16	63	70
M8 × 100	**F004400**	20	55	75

● Fischer
Balcony Cladding Fixing P9K





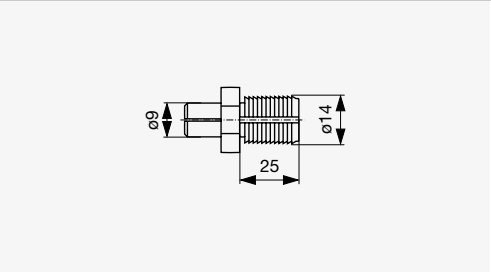
- Ideal for installation of balcony cladding to hollow profiles
- Creates a 5 mm gap between the profile and the panel



Drill hole diameter D [mm]	Code	Diameter of screw [mm]	Collar height [mm]
9	**F004890**	5	5

● Fischer
Stair-Tread Fixing TB / TBB

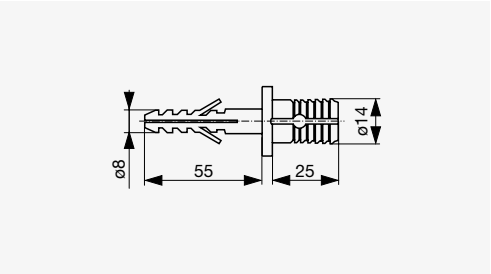




- To fix wooden step treads in concrete and steel sub-structures
- The elastic shaft geometry allows for the absorption of vibrations, prevents creaking, and thus increases comfort

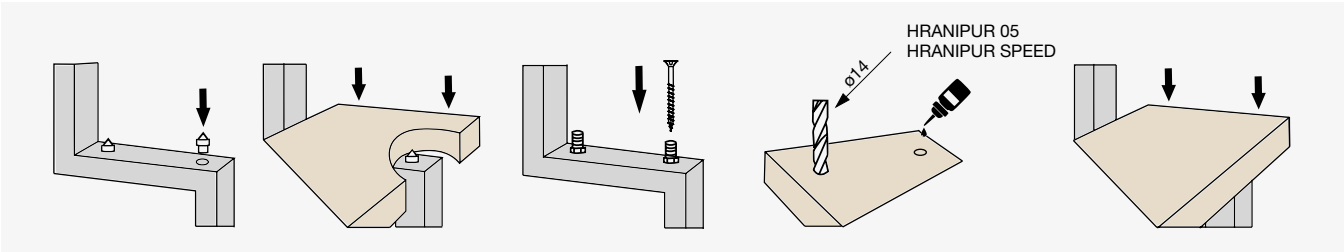
ⓘ To hollow steel profiles

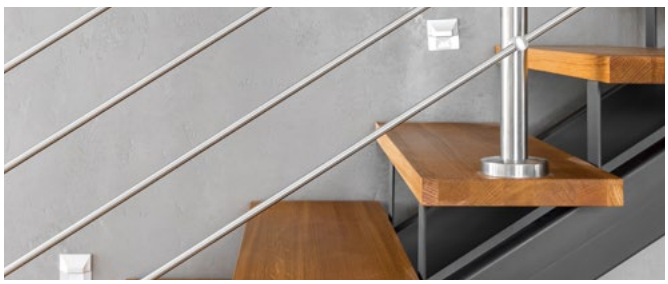




ⓘ To solid building materials

Type of installation	Code	Hole to stair desk [mm]	Hole to fixing material [mm]	Screw [mm]
To hollow steel profiles	**F004891**	ø14 × 25	ø9	ø5 × 40
To solid building materials	**F004892**	ø14 × 25	ø8 × 55	ø5.5 × 70







● Fischer
Marking Pin TBZ 2

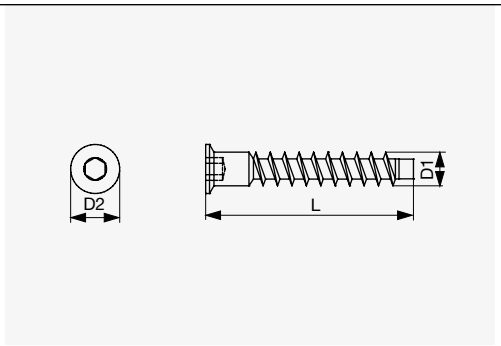


Type	Code
Marking pin	**F004893**

Riex Confirmate Screws and Euroscrews

Riex JD65
Confirmate Screw with HEX Drive



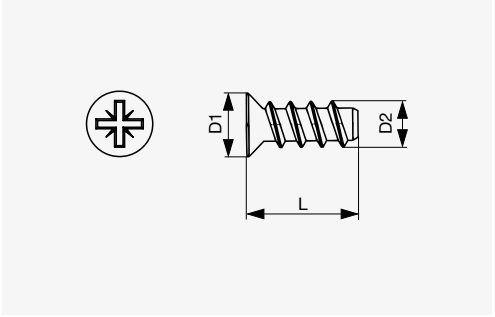


Diameter D1 [mm]	Length L [mm]	Code	Diameter D2 [mm]	Colour
5	50	F002021	9	White zinc
		F010923		
6.4	50	F002022	10	
7	50	F001806	11	
	70	F002024		

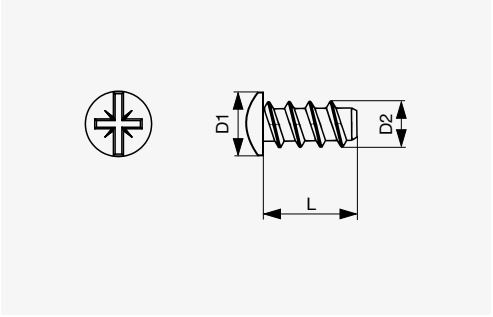
Riex JD60
Euroscrews



ⓘ F001789



ⓘ F001789, F001790

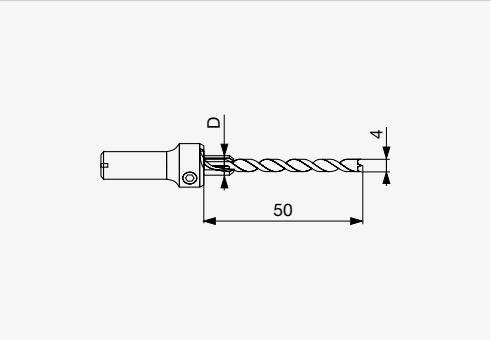


ⓘ F004505

Diameter D2 [mm]	Diameter of head D1 [mm]	Code	Length L [mm]	Colour
6.3	7	F001789	13	White zinc
	8	F001790		
	9	F004505		

● SPAX
Drill for Confirmate



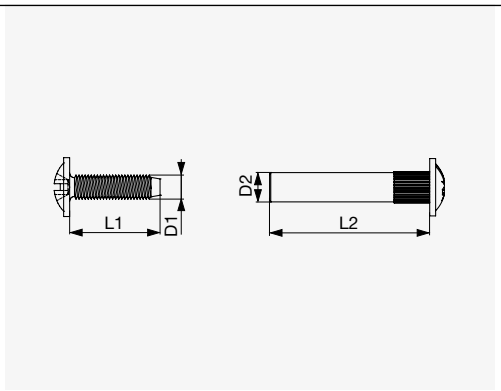


Diameter D [mm]	Code	Length [mm]
6.3	**F004305**	50
7	**F004427**	

Connecting Screws, Nuts and Worktop Connectors

Riex JD20
Connecting Bolts

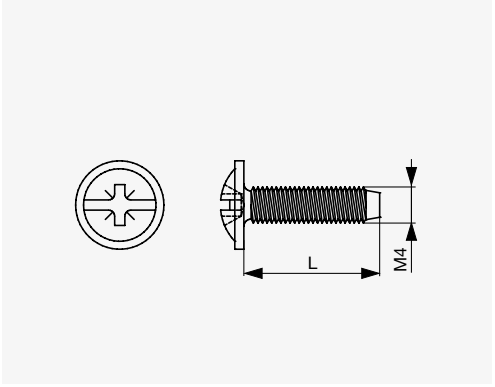




Diameter D1 [mm]	Code	Thickness of board [mm]	Screw L1 [mm]	Nut L2 / D2 [mm]	Drive	Colour
M4	**F001799**	30–39	14	29 / 4.9	PZ	Nickel plated
M6	**F001800**			29 / 7.5		

Riex JD14
Screws for Handles





Diameter	Length L [mm]	Code	Drive	Colour
M4	20	**F001807**	PZ	White zinc
	22	**F001808**		
	25	**F001809**		
	40	**F001810**		

● IF Quick
Tech Worktop Connectors



ⓘ **F010484**



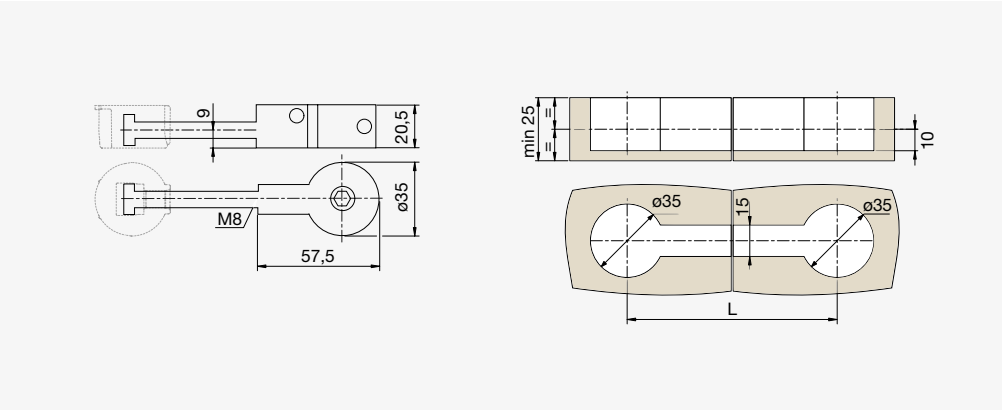
ⓘ **F010485**

For complete set it is necessary to take connector and round cap.

- Simple and fast installation of two worktop parts
- The tightening is 6 mm
- Easy and fast installation by allen key 6 mm
- Can be used cordless drill



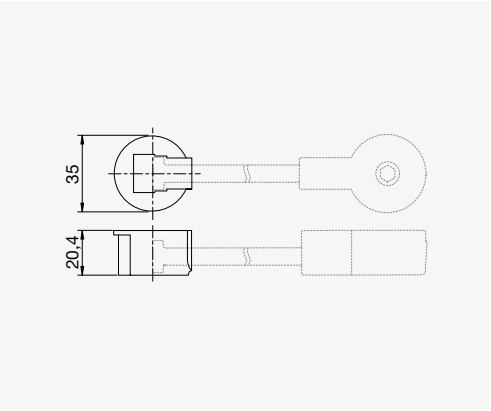
ⓘ **F010486**



ⓘ **F010484, F010485, F010486**



ⓘ Round cap

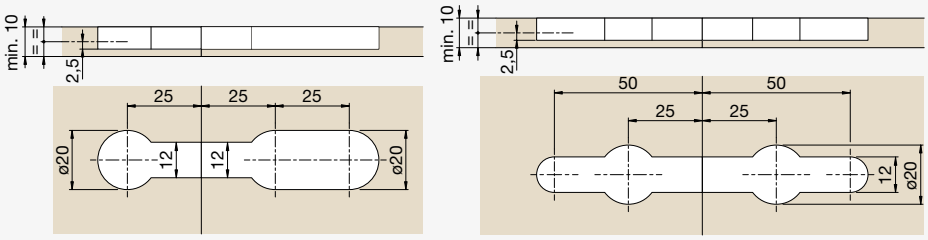


ⓘ **F002701**

Type	Length L [mm]	Code
Connector	64	**F010484**
	100	**F010485**
	150	**F010486**
Round cap	×	**F002701**

● IF Top Worktop Connector for Slim Boards



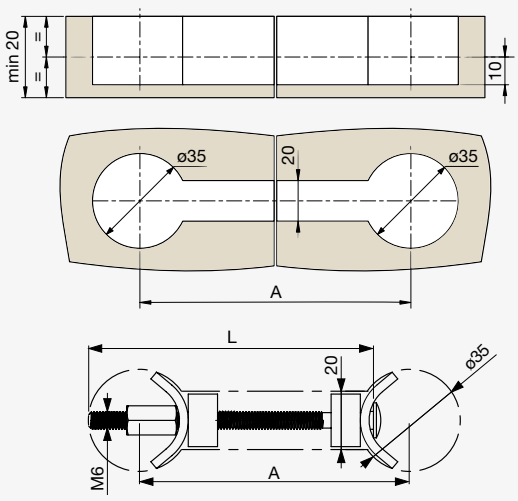


Board thickness [mm]	Code	Length [mm]
min. 10	**F004667**	50

◘ Riex JC31 Worktop Connectors

RIEX

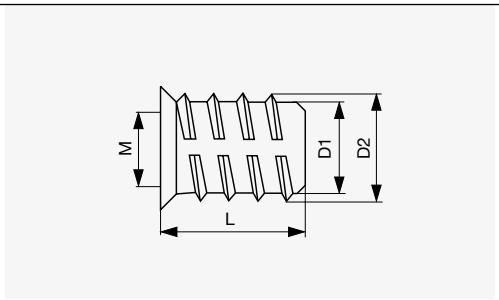




Length L [mm]	Code	A Min / Max [mm]
65	**F001822**	63/76
120	**F001823**	118/131
150	**F001824**	148/161

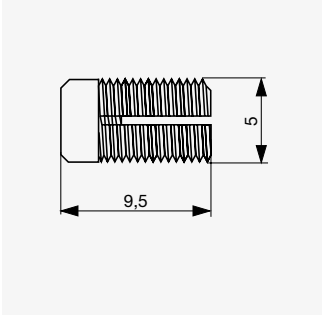
Riex JC30
Inserted Nut





Inner thread M	Code	Diameter D1 / D2 [mm]	Length L [mm]	Colour
M6	**F002530**	8 / 9.5	13	White zinc
M8	**F002531**	10 / 12	15	
M10	**F002532**	12 / 15	18	

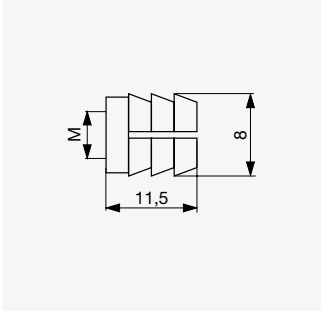
Riex JC36
Nylon Plug to Wood



Drill hole diameter [mm]	Diameter of screw [mm]	Code	Colour
5	3.5	**F002536**	White

Riex JC32
Expanding Plastic Nut

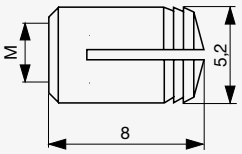




Inner thread M	Code	Colour
M4	**F002534**	White
M6	**F002535**	

Riex JC38
Expanding Brass Nut

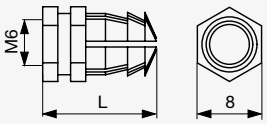




Inner thread M	Code	Colour
M4	**F002533**	Brass

Riex JC37
HEX Expanding Brass Nut with / without Ball

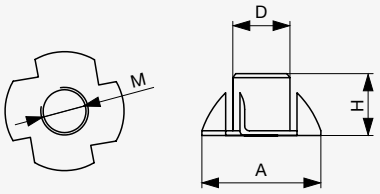




Inner ø M	With Ball	Length L [mm]	Code	Colour
M6	Yes	9	**F007579**	Brass
		12	**F007580**	
	No	12	**F007581**	

Riex JC11
T-Nut

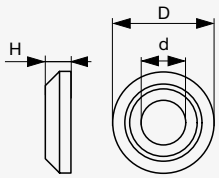




Dimension M	Code	Diameter A [mm]	Height H [mm]	Diameter D [mm]	Colour
M6	**F002842**	19	9	7.3	White zinc
M8	**F002843**	22	10	9.6	
M10	**F002844**	25	12	11.5	

Riex JD38
Under Screw Washer





Dimension	Code	Diameter d / D [mm]	Height H [mm]	Colour
D6	**F004337**	8 / 20	4.4	Yellow Zinc
D8	**F004338**	8.5 / 25	5.5	

Riex JD33
Threaded Rod 1 m Length

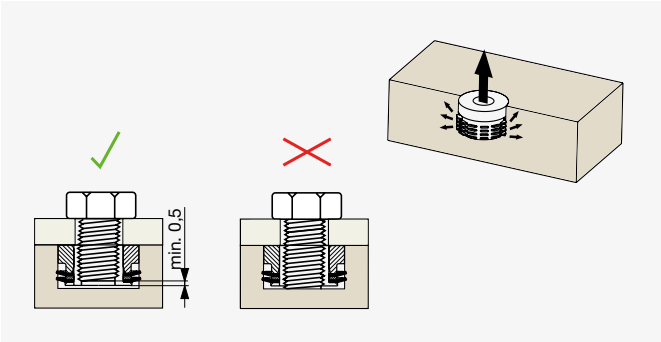


Dimension	Code	Colour
M6	**F004333**	White zinc
M8	**F004334**	

KEEP-NUTS



- **KEEP-NUT®** is a special insert for making threaded seats on surfaces like marble, granite, stone, Corian®, HPL, composite material etc. It's easy to install without glue and is very reliable. Patented technology of crowns and with plastic ring that holds the complete set of parts
- **Applications:** Ventilated facades, building cladding, interior design include the HPL slim boards, fastening of sanitary elements, kitchens, etc.



ⓘ „No go" thread to avoid the bush extraction effect or breakage of panel caused by inappropriate screw length

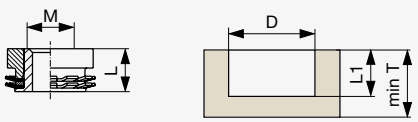
Examples of tensile test results for installation of individual materials

Code	F007558	F007559 F007560	F007561
Keep-Nut® model	IM2S	IM2S [H8,5]	IM2S [H15]
Panel Thickness [mm]	10–12	12–20	30
		Average tensile strenght [kN]	
HPL	2,1	4,23	×
Corian®	2,06	3,64	×
Porcelain	2,5	3,5	×
Sintered stone [Lapitec® – Neolith®]	1,8	3,01	6,81
Natural Stone – Granite	2,6	3,8	7,75

Average sealing values by material, as tested by the NATURAL norm [excluding HPL and CORIAN®] STONE INSTITUTE according to the ASTM C1354.

● Keep-nuts IM2S



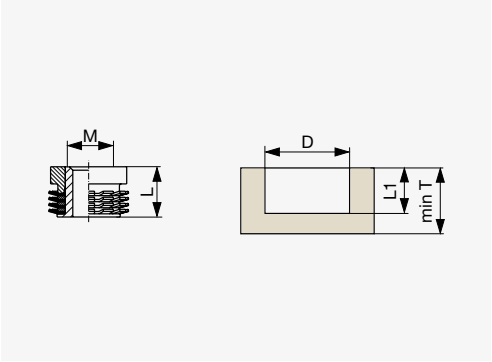


- With 2 lamels
- D=12 mm

M	Code	Min. T [mm]	L	L1
M4	F007558	9	6	6,5

● Keep-nuts IM4S



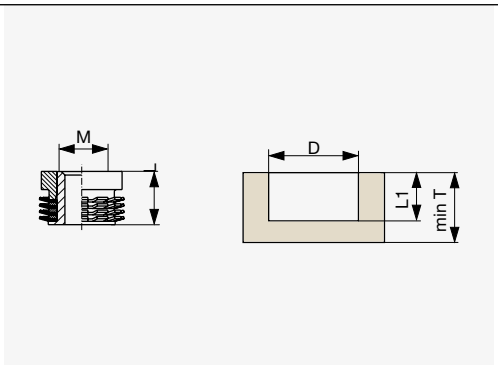


- With 4 lamels
- D=12 mm

M	Code	Min. T [mm]	L	L1
M4	**F007559**	11	8	8,5
M5	**F007560**	11	8	8,5
M6	**F007561**	18	15	15,5

● Keep-nuts IM4S Inox





- With 4 lamels in Inox 316
- D = 12 mm

M	Code	Min. T [mm]	L	L1
M6	**F007562**	12	8	8,5

● Keep-nuts Drill bit 12×10



ⓘ **F007563**



ⓘ **F007564**

Description	Size	Code
Diamond drill bit – 10 mm round shank	12×10	**F007563**
Test rod to verify correct diameter for installation of „Keep nuts“	×	**F007564**

Eccentric Connectors

Riex JC15 CAM Housing





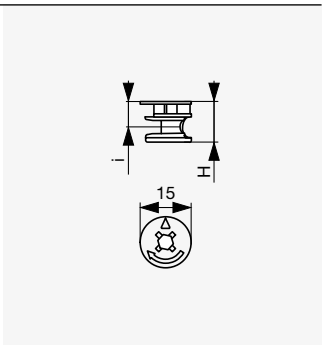
ⓘ F007574



ⓘ F007575



ⓘ F014911



ⓘ F007573

Thickness of material [mm]	Colour	Height H [mm]	Code	Diameter [mm]	Position of pin i [mm]
15–16	White zinc	12	F007573	15	7.8
18		12.7	F007574		8.5
19		13.5	F007575		9.3
18	Nickel	14	F014911		9

Riex JC25 CAM Pin Dowel with Plastic Ring and with PZ Drive



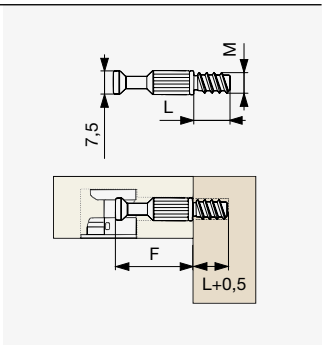
ⓘ F002519



ⓘ F002520



ⓘ F002521



Connector M	Drilling distance F [mm]	Code	Diameter [mm]	Length L [mm]
Euroscrew	34	F002519	7.5	11
	24	F002520		
M6	34	F002521		8

Riex JC25 CAM Pin Dowel with 4 Ribs and PZ Drive



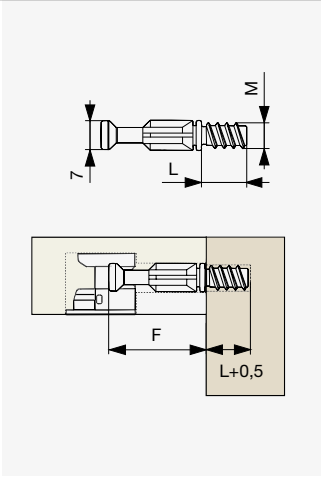
ⓘ **F012764**



ⓘ **F011433**



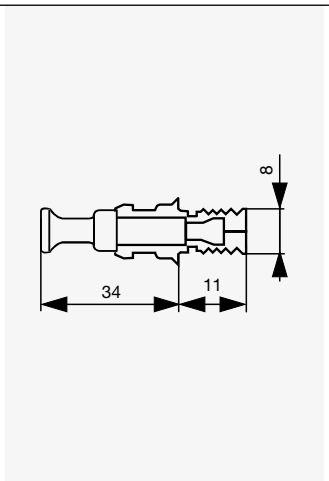
ⓘ **F012765**



Connector M	Drilling distance F [mm]	Code	ø D [mm]	Length L [mm]
Euroscrew	24	**F012764**	7	11
	34	**F011433**		
M6	34	**F012765**		8

Riex JC25 CAM Pin Dowel Fast Fix





- Quick installation without screwing
- The same diameter of hole like standard wooden dowels = time saving

Connector	Drilling distance [mm]	Code	Diameter [mm]	Length [mm]
Expanding dowel	34	**F002524**	8	11

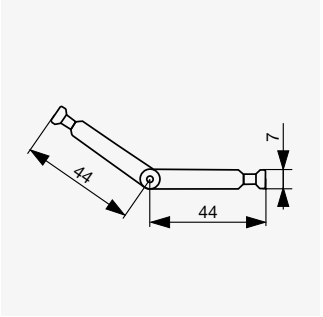
Riex JC25 CAM Pin Dowel Double



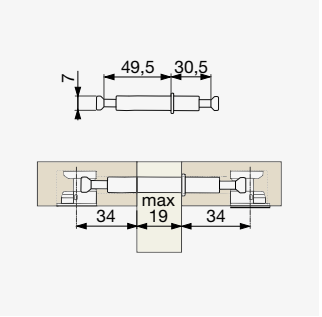
ⓘ **F002525**



ⓘ **F002526**



ⓘ **F002525**



ⓘ **F002526**

Diameter [mm]	Type	Code
7	Angular	**F002525**
	Fixed	**F002526**

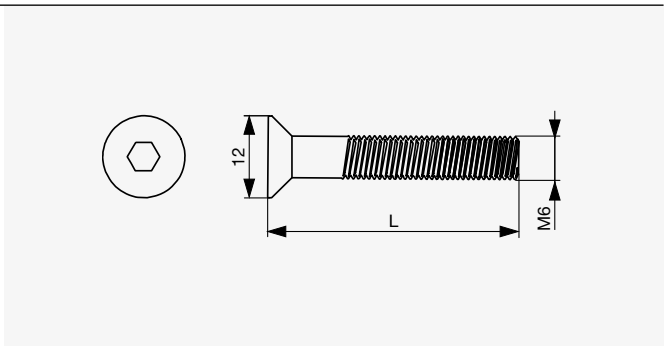
Riex JC28 Barrel Connector – Bolt



ⓘ **F002527**



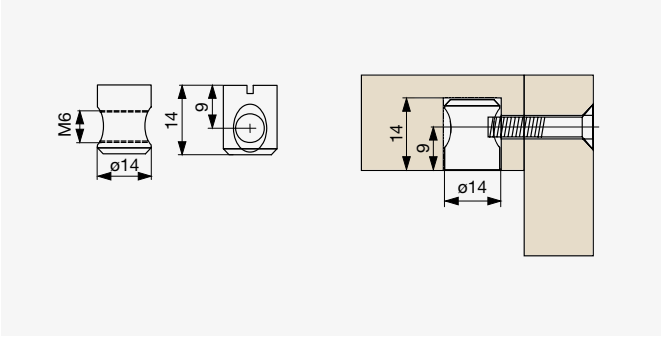
ⓘ **F002528**



Diameter [mm]	Length L [mm]	Code	Drive
M6	60	**F002527**	HEX
	50	**F002528**	

Riex JC28 Barrel Connector – Nut

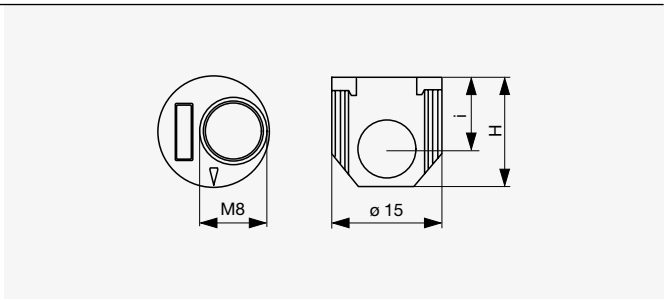




Metric hole	Code	Depth [mm]	Diameter [mm]
M6	**F002529**	14	14

Riex JC03
Connecting Fitting – Housing





Thickness of material [mm]	Colour	Code	Height H [mm]	Position of pin i [mm]	Diameter [mm]
16	White zinc	**F007566**	13	8	15
18		**F007567**	14,2	9	

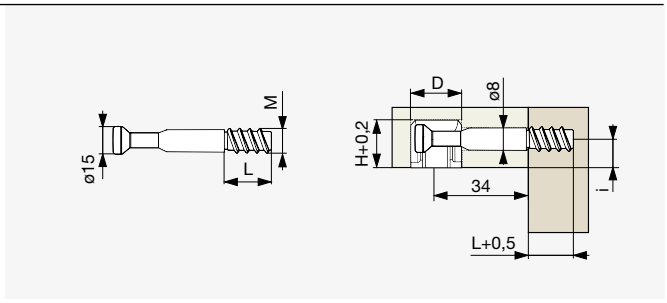
Riex JC03
Connecting Fitting – Pin Dowel



ⓘ **F010918**



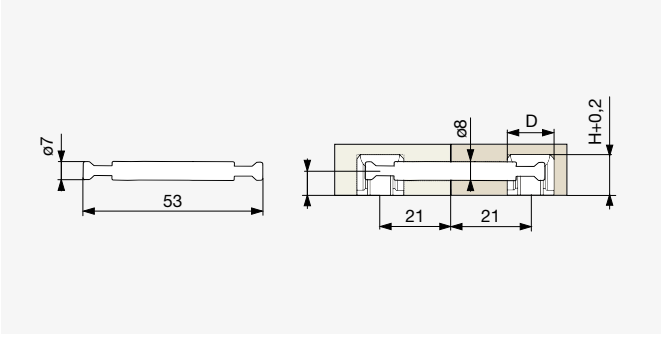
ⓘ **F010919**



Connector M	Code	Diameter [mm]	Drilling distance [mm]
M6	**F010918**	7	34
Euroscrew	**F010919**		

Riex JC03
Connecting Fitting – Double Pin Dowel



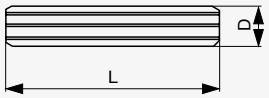


Code	Diameter [mm]	Drilling distance [mm]
F007572	7	2 × 21

Wooden dowels

Riex JW55 Wooden Dowels – Calibrated



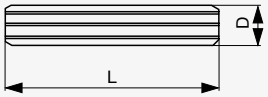


Diameter D [mm]	Length L [mm]	Code	Wood	Packing
6	30	**F014866**	Birch	1000
	35	**F014867**		1000
8	30	**F007196**		10000
	35	**F008607**		8650
	40	**F007584**		7600
	50	**F014868**		1000
	60	**F014869**		1000
10	40	**F014870**		1000
	50	**F014871**		1000

* Calibrated dowels are suitable for automatic production due to their precision.

Riex JW55 Wooden Dowels with Glue, Calibrated, FSC 100%



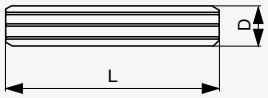


- Adhesive on dowels is activated by water
- Due to their precision calibrated dowels are suitable also for automatic production
- Water-based adhesive makes automatic and manual production cleaner

Diameter D [mm]	Length L [mm]	Code	Material	Packing + / -
8	30	**F014873**	Birch	10000
	35	**F014865**	Birch	8650

Riex JW51 Wooden Dowels – Non-Calibrated
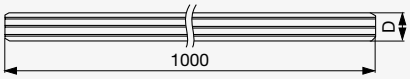




Diameter D [mm]	Length L [mm]	Code	Wood	Packing
8	30	**F004936**	Beech	1 kg [±930 pcs]
		F007479		25 kg [±23250 pcs]
	35	**F004937**		1 kg [±845 pcs]
		F007705		25 kg [±21125 pcs]
	40	**F004938**		1 kg [±770 pcs]
		F007706		25 kg [±19250 pcs]

Riex JW52 1 m Wooden Rod with Ribs

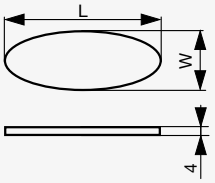




Diameter D [mm]	Code	Material
6	**F004939**	Beech
8	**F002513**	
10	**F002514**	
12	**F002515**	

Riex JW42 Wooden Biscuit

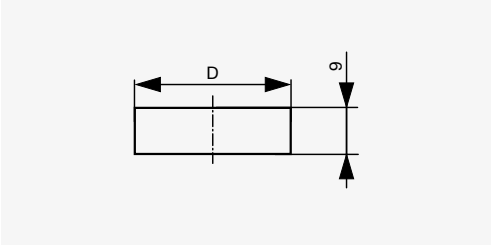




Size	Code	Length L [mm]	Wide W [mm]	Thickness [mm]	Wood
0	**F004422**	47	15	4	Beech
10	**F004423**	53	19		
20	**F004424**	56	23		

Riex JW12 Wooden Patches [Knots]

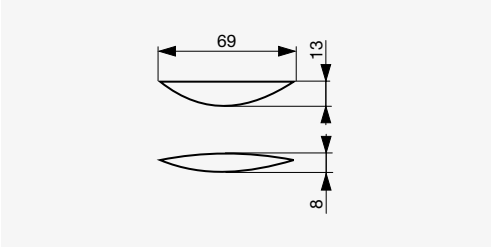




Wood	Diameter D [mm]	Code
Spruce	15	**F004410**
	20	**F004412**
	25	**F004414**
	30	**F004416**
	35	**F004418**
Pine	15	**F004420**

Riex JW13 Repair Resin Patches



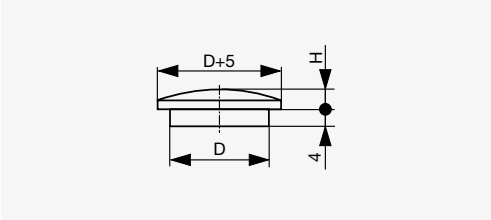


ⓘ **Spruce**

Wood	Code	Dimension [mm]
Spruce	**F004425**	8 × 13 × 69
Pine	**F004426**	

Riex JW10 Wooden Plug Convex





ⓘ **Spruce**

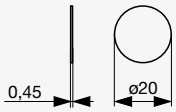
Wood	Diameter D [mm]	Code	Height H [mm]
Beech	10	**F004403**	3
	15	**F004406**	4
	35	**F004408**	6
Oak	15	**F004407**	4
	35	**F004409**	6
Spruce	15	**F004404**	4
Pine	15	**F004405**	4

Self Adhesive Caps

- Made of Hranipex edges [colour identity]
- ABS material
- Diameters 20 and 14 mm
- Thickness 0.45 mm
- Plain colours and wood decors

Riex JS10 Self Adhesive Caps 20 mm





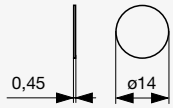
- One sheet contains 9 pcs

Colour	Surface	Code
White [101027]	Smooth	**F005037**
White [10113]	Smooth	**F005040**
White [10113]	Pearl	**F005041**
White [10482]	Smooth	**F005042**
White [10980]	Smooth	**F005045**
Ivory [12514]	Pearl	**F005048**
Grey [17014]	Pearl XG	**F005053**
Grey [17035]	Pearl G	**F005055**
Grey [170540]	Pearl	**F005057**
Anthracite [17164]	Pearl	**F005061**
Black [19015]	Pearl	**F005068**
Beech [210381]	Pore	**F005070**

Colour	Surface	Code
Oak [243145]	Pore	**F005089**
Oak nagano [248431]	Pore	**F005103**
Stone elm [25364]	Pearl	**F005110**
White Hemlock [254032]	Pore	**F005111**
Maple [260375]	Pore	**F005118**
Ash prelude [262040]	Pore	**F005121**
Ash [263843]	Pore	**F005127**
Walnut Toskania [283453]	Pearl	**F005141**
Walnut tobacco [283702]	Pearl	**F005142**

Riex JS10 Self Adhesive Caps 14 mm





- One sheet contains 25 pcs

Colour	Surface	Code
White [101027]	Smooth	**F005035**
White [101027]	Pearl	**F005036**
White [10113]	Smooth	**F005038**
White [10113]	Pearl	**F005039**
White [10980]	Smooth	**F005043**
White [10980]	Pearl	**F005044**
Ivory [12514]	Pearl	**F005046**
Ivory [12514]	Pearl XG	**F005047**
Beige [12522]	Pearl	**F005051**
Grey [17014]	Pearl	**F005052**
Grey [17035]	Pearl	**F005054**
Grey [170540]	Pearl	**F005056**
Grey [17112]	Pearl	**F005058**
Dark grey [171257]	Pearl	**F005059**
Anthracite [17164]	Pearl	**F005060**
Dark grey [172162]	Pearl	**F005062**
Grey [17860]	Pearl	**F005063**
Cappuccino [18205]	Pearl	**F005064**
Truffle brown [18748]	Pearl G	**F005065**
Black [19015]	Smooth	**F005066**
Black [19015]	Pearl	**F005067**
Beech [210381]	Pore	**F005069**
Beech [215111]	Pore	**F005072**
Cherry [220344]	Pore	**F005073**
Calvados [222951]	Pearl	**F005074**
Cherry tobacco [223657]	Pearl	**F005075**

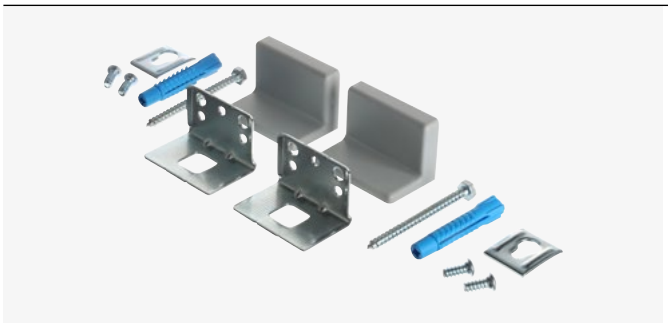
Colour	Surface	Code
Cherry antik [228944]	Pearl	**F005076**
Mountain alder [234634]	Pore	**F005077**
Alder [23685]	Pore	**F005078**
White oak [24001]	Pore	**F005080**
Grey oak [24002]	Pore	**F005081**
Golden oak [24003]	Pore	**F005082**
Oak [24005]	Pore	**F005083**
Dark oak [240296]	Pore	**F005084**
Oak cremona [241394]	Pearl	**F005086**
Oak paris [243127]	Pore	**F005087**
Rijeka oak [243167]	Pore	**F005090**
Oak [243197]	Pore	**F005092**
Oak sonoma [243215]	Pore	**F005093**
Oak [243786]	Pore	**F005094**
Rustic oak [244129]	Pore	**F005097**
Sandy oak [244139]	Pore	**F005098**
Bronze oak [244141]	Pore	**F005099**
Tabacco oak [244216]	Pore	**F005100**
Natural oak [244303]	Pore	**F005101**
Oak nagano [248431]	Pore	**F005102**
Pine [251484]	Pore	**F005104**
Natural tortona [251796]	Pore	**F005105**
Elm adagio [253191]	Pore	**F005106**
Elm moderato [253193]	Pore	**F005108**
Limba [253381]	Pore	**F005109**
Elm lava [254055]	Pore	**F005112**

CONTENT

Colour	Surface	Code
Limba black [254080]	Pore	**F005113**
Limba tobacco [254081]	Pore	**F005114**
Light limba [254082]	Pore	**F005115**
Elm [255112]	Pearl	**F005116**
Maple [260375]	Pore	**F005117**
Maple [261521]	Pearl	**F005119**
Ash prelude [262040]	Pore	**F005120**
Ash white [262460]	Smooth	**F005122**
Ash nobel [262577]	Pearl	**F005123**
Ash sonata [263041]	Pore	**F005124**
Ash verona [263158]	Pore	**F005125**
Ash [263843]	Pore	**F005126**
Ash [264042]	Pore	**F005128**
Snowy birch [271715]	Pearl	**F005129**
Walnut [280722]	Pore	**F005131**
Wenge [282229]	Pearl	**F005132**
Walnut [283102]	Pore	**F005135**
Walnut saleve [283105]	Pore	**F005136**
Walnut tiepolo [283106]	Pore	**F005137**
Wenge [283227]	Pearl	**F005138**
Walnut toskania [283453]	Pearl	**F005140**
Dark mahagony [28466]	Pore	**F005144**
Walnut aida [284704]	Pearl	**F005145**
Walnut [28476]	Pearl	**F005146**
Walnut [288450]	Pore	**F005148**
Walnut candiano [288918]	Pearl	**F005149**
Titanium [290501]	Pearl	**F005150**
Light hacienda [293078]	Pore	**F005152**
Dark hacienda [293081]	Pore	**F005153**
Sherwood dark [293141]	Pore	**F005154**
Seaweed [293298]	Pearl	**F005156**
Silver [29509]	Pearl	**F005157**
Teak [295852]	Pore	**F005158**
Black wook [298509]	Pore	**F005159**

Cabinets Hangers

Riex JK40
Adjustable Hanger for Cabinets



Grey



White

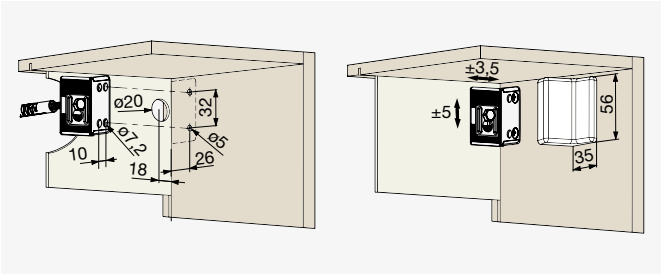


Brown



Black

- Include accessories
- Pack of 2 sets
- Height adjustment ±5 mm
- Side adjustment ±3.5 mm

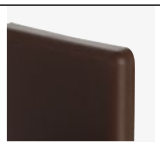


Colour	Code
White	F002838
Brown	F002839
Black	F002840
Grey	F002903

Riex JK41
Adjustable Hanger for Cabinets



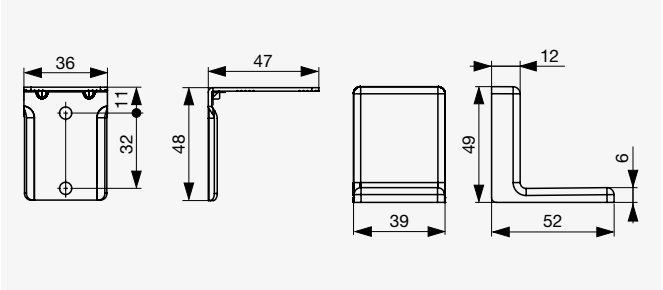
White



Brown



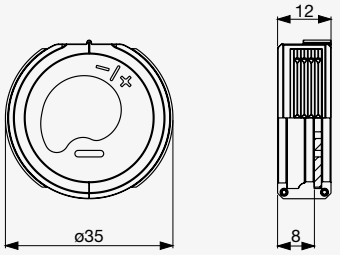
Light brown



Colour	Code
White	F004671
Brown	F004672
Light brown	F004673

Riex JK42
Adjustable Hanger for Panels or Cabinets





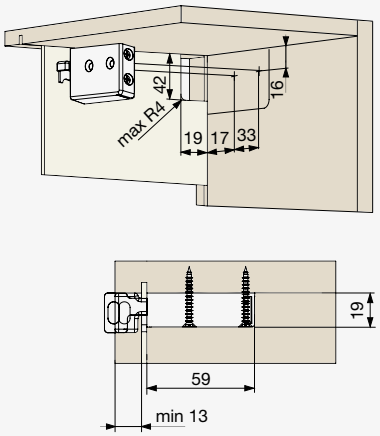
Adjustment:
- Vertical ±5 mm

- Can be hung on a screw head

Colour	Code	Diameter [mm]
Black	**F002841**	35

Riex JK44
Adjustable Hanger for Cabinets





- Either side hanging
- 1 per pack

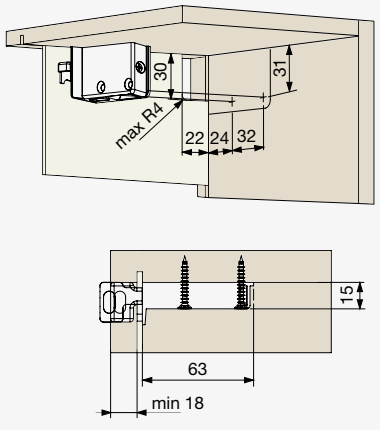
Adjustment:
- Vertical ±5 mm
- In-depth ±5 mm

- Carrying capacity 25 kg / pc
- Use with any type of wall hanging bar [on p. 14.42]

Colour	Code
White	**F002865**

Riex JK46
Adjustable Hanger for Cabinets





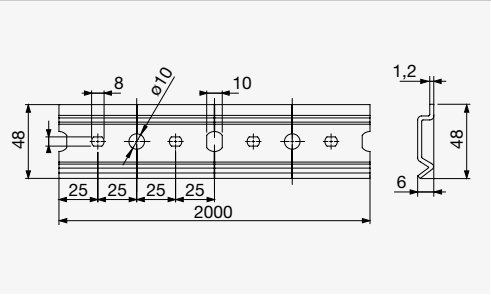
Adjustment:
- Vertical ±10 mm
- In-depth ±7.5 mm

- Carrying capacity 35 kg / pc
- Use with any type of wall hanging bar [on p. 14.42]

Colour	Code	Side
White	**F003453**	Left
	F003454	Right
Grey	**F008261**	Left
	F008262	Right

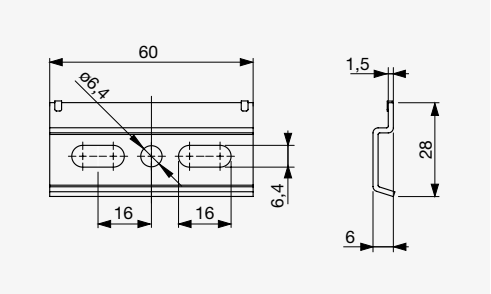
Riex JK48
Hanging Bar





ⓘ **F003020**



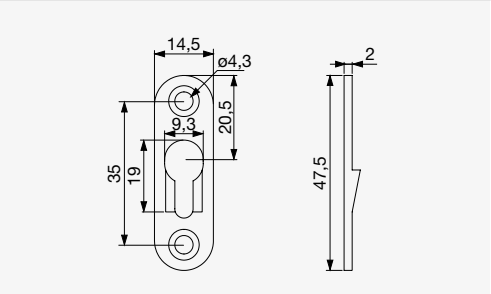


ⓘ **F003021**

Length [mm]	Code	Thickness [mm]
2000	**F003020**	1.2
60	**F003021**	1.5

Riex JC53
Bracket for Hanging

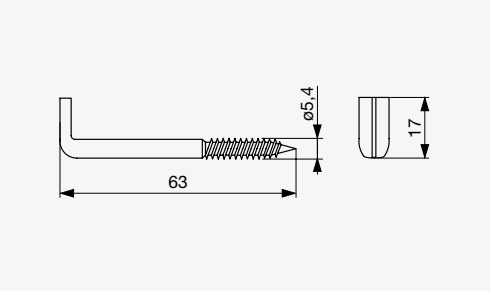




Colour	Code
White zinc	**F004312**

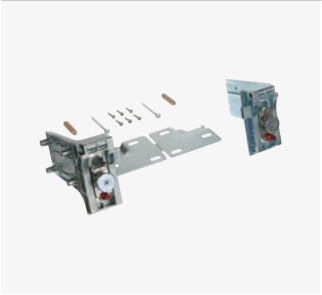
Riex JK48
L Screw

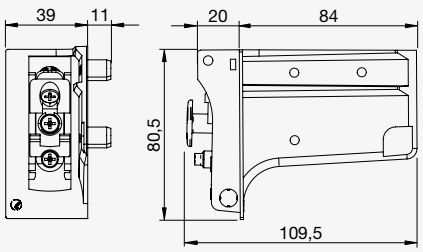




Dimension [mm]	Code
ø5.4 × 63	**F003022**

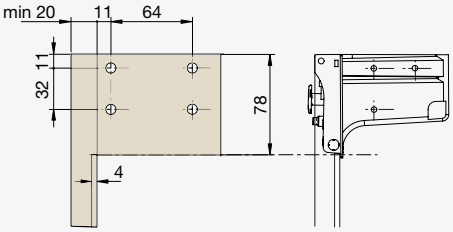
● IF Libra H7
Cabinet Hanger





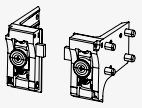
- LIBRA H7 is a universal cupboard hanger with a very high load capacity.
- Vertical adjustment ±6.5 mm
- In-depth adjustment ±6 mm
- Anti turnover locking system
- Slim sides, to prevent drawer collision
- Load capacity up to 200 kg per set with bar **F003289**



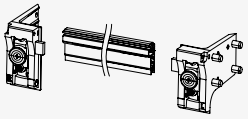


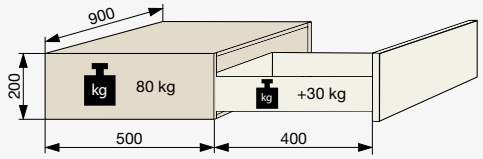
Type	Code
With dowels	**F002705**

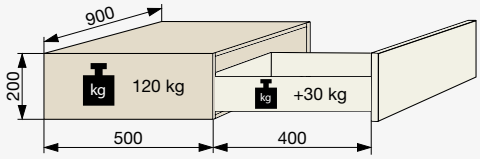
F002705

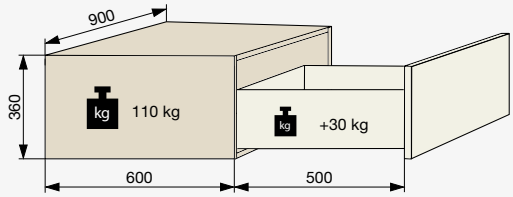


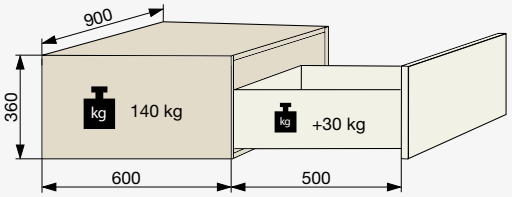
F002705 + F003289

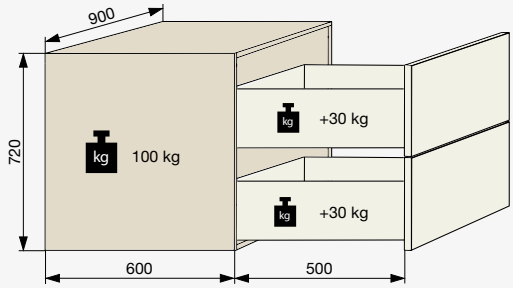


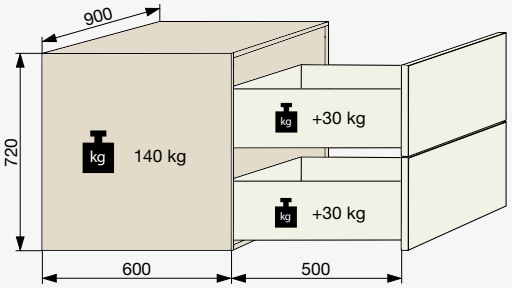








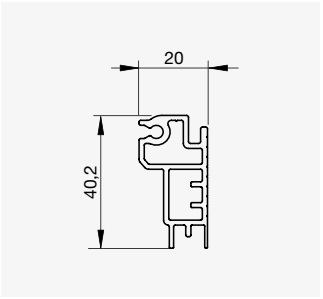


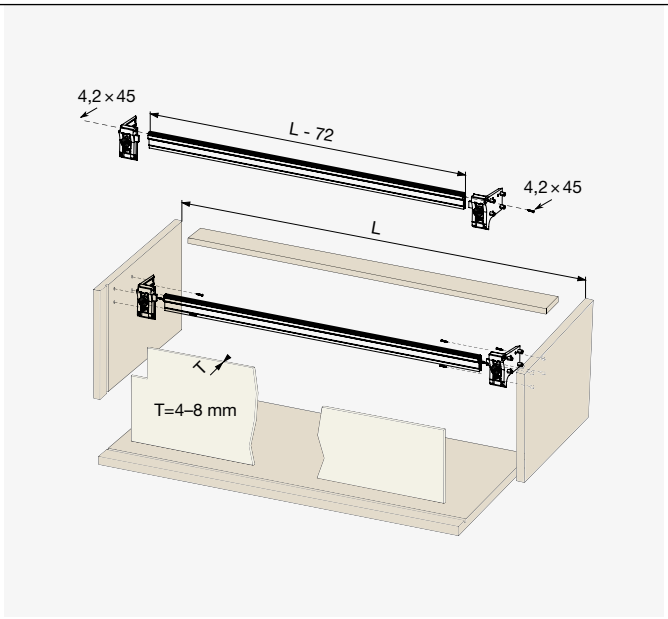


This is an example to see the difference of using model with and without aluminium bar **F003289**. The load capacities are empirically obtained and refer to final construction of the cabinet and used wall connectors.

● IF Libra H7
Cabinet Hanger Aluminium Bar





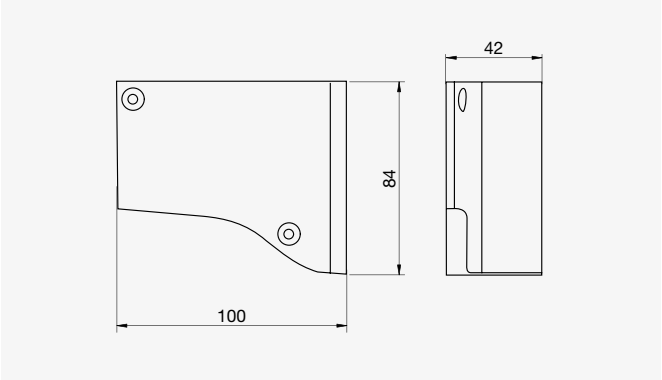


- Using the bar gives extra connection points to the wall
- By using the bar you can increase the load capacity
- Mostly recommended for cabinets with drawers

Length [mm]	Code	Height [mm]
2000	**F003289**	40.2

● IF Libra H7
Cabinet Hanger Covers





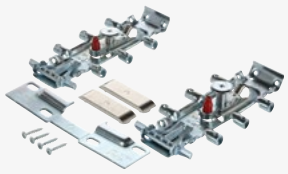
ⓘ **White**

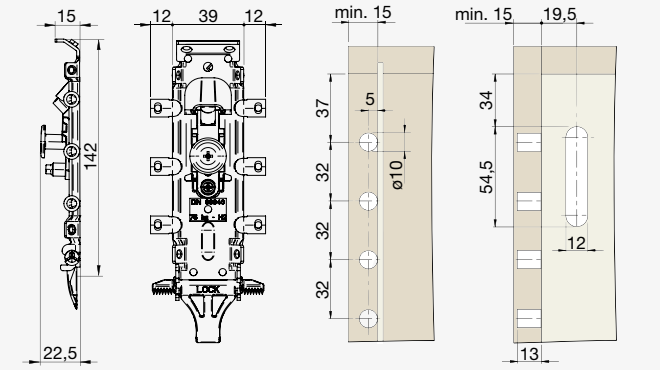


ⓘ **Grey**

Colour	Side	Code
White	Right	**F003295**
	Left	**F003296**
Grey	Right	**F003297**
	Left	**F003298**

● IF Libra H2
Cabinet Hanger



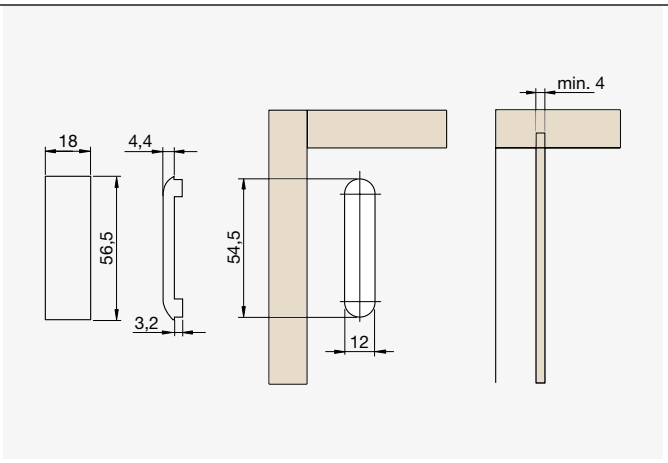


Libra H2 is the unhanded version with 3 dowels + rotary lever fixing to be fixed behind the rear panel. Load capacity 75 kg per piece [150 kg per pair].

Adjustment:
- Vertical adjustment: 13 mm
- Horizontal adjustment: 12 mm
- Locking system

Model	Code
With pins	**F003212**

● IF Libra H2
Cabinet Hanger Covers



○ **White**



● **Grey**

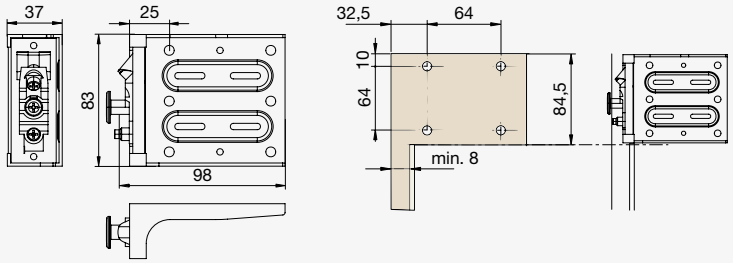


● **Nickel plated**

Colour	Code
White	**F003292**
Grey	**F003293**
Nickel plated	**F003294**

● IF Libra H11
Cabinet Hanger





Suitable for suspended base units for all types of furniture.
Quick and easy installation through 4 holes to be pre-drilled on the side panel. Safety lock against ejection.

Adjustment:
- Vertical ±6 mm
- In-depth ±5 mm

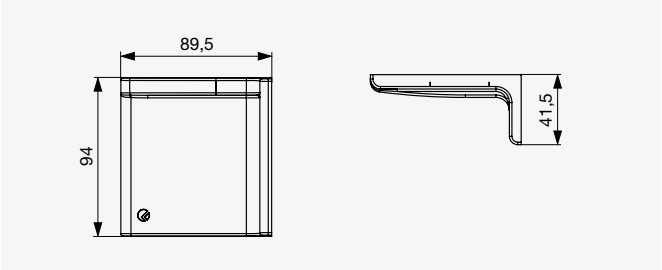
Package contains:
- 1 pc Libra H11 right
- 1 pc libra H11 left
- 1 pc plate WP13
- 8 pcs insert nuts
- 16 pcs screws
- Instruction sheet

- Carrying capacity 125 kg / set – depends on dimension of cabinet and type of connection on the wall

Model	Code
Libra H11	F004666

● IF Libra H11
Cabinet Hanger Covers





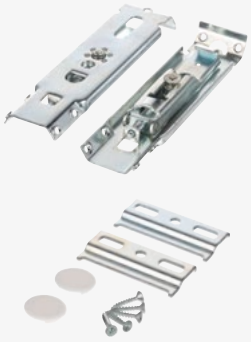
● Grey

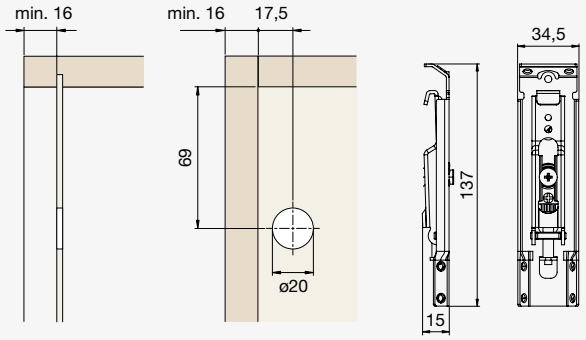


○ White

Colour	Side	Code
White	Right	F005511
	Left	F005512
Grey	Right	F005513
	Left	F005514

● IF APC 1
Cabinet Hanger with Wall Plate WPC2





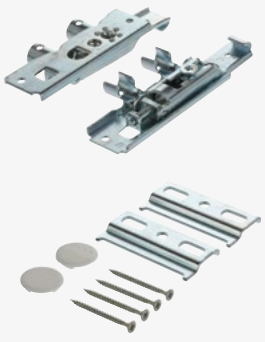
- APC1 is a two-handed invisible screw fixing cabinet hanger
- Allows simple installation without any pre-drilling operations
- Only one hole is needed to provide access to all adjustments
- Load capacity 60 kg per piece

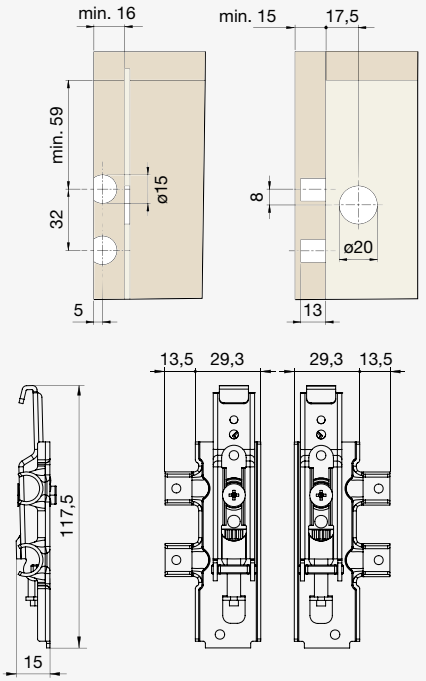
Adjustment:
- Vertical ±9 mm
- In-depth ±15.5 mm

Benefits:
- Wide adjustment range
- No pre-drillings
- One cover cap

Model	Code	Load capacity [kg]
APC 1	**F002706**	60 per piece

● IF APC 6
Cabinet Hanger





- Wide adjustment range – vertical and in-depth adjustments.
- Only one hole is needed to provide access to all adjustments.
- Load capacity 60 kg per piece from internal tests

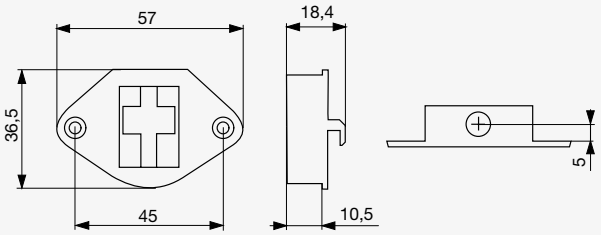
Adjustment:
- Vertical ±9 mm
- In-depth ±15.5 mm

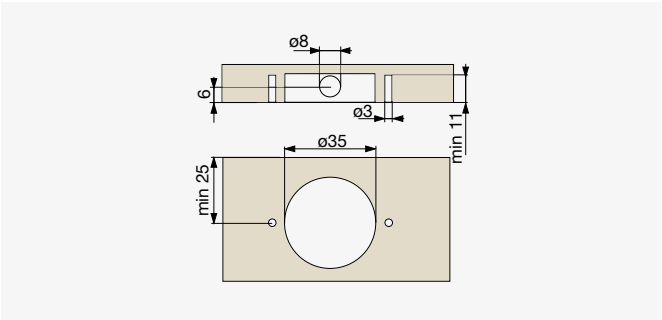
Package contains:
- 1 pc APC6 right
- 1 pc APC6 left
- 2 pcs wall plate WPC2
- 2 pcs of covers ø20 white
- 4 pcs Panelvit screw
- 1 pc instruction sheet

Model	Code	Load capacity [kg]
APC 6	**F004665**	60

● IF Round Panel or Cabinet Hanger







- Adjustment: vertical ±9.5 mm
- Use with any type of wall plate

Load capacity:
- up to 80 kg / pair for desk
- up to 50 kg / pair for cabinet [600 × 600 × 250 mm]

Colour	Code
Black	**F002707**

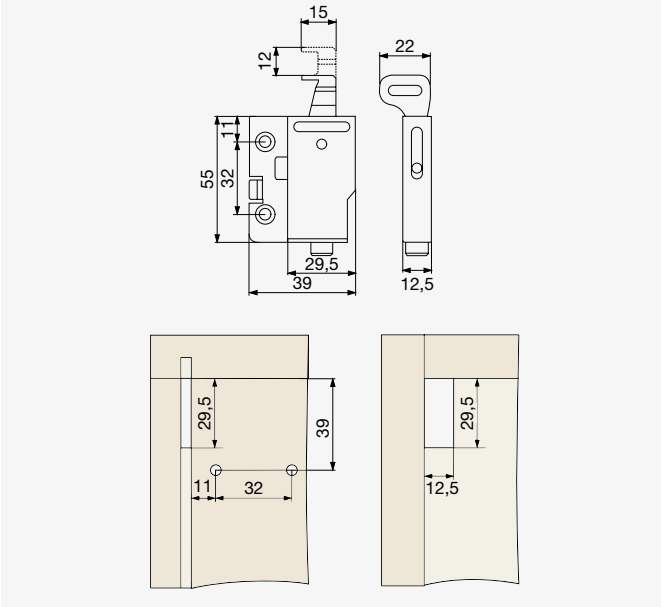
● IF ZK Cabinet Hanger



ⓘ **Right**



ⓘ **Left**



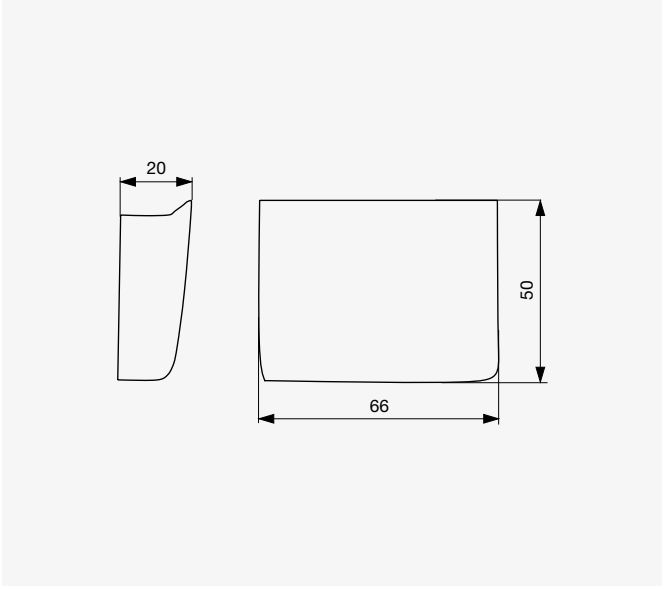
Adjustment:
- Vertical ±8 mm
- In-depth ±8 mm

Side	Code
Right	**F003324**
Left	**F003325**

● IF ZK Cabinet Hanger Covers

ⓘ **Left**

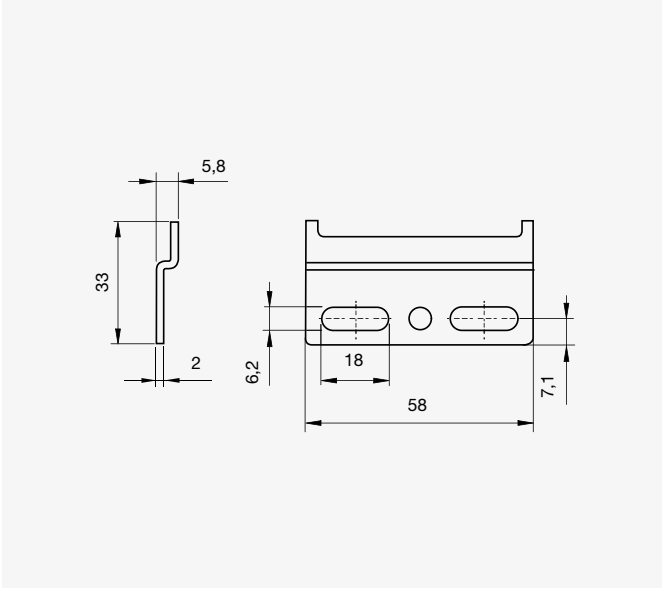
ⓘ **Right**



Colour	Side	Code
White	Right	**F003326**
	Left	**F003327**
Grey	Right	**F003328**
	Left	**F003329**

● IF Wall Plate

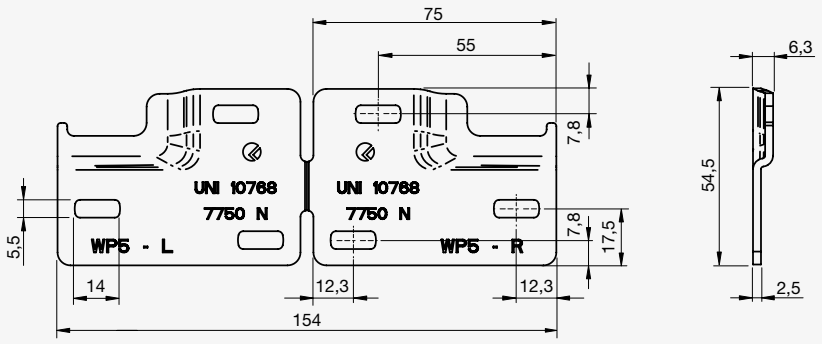




Length [mm]	Code	Thickness [mm]
58	**F002708**	2

● IF Wall Plate WP5



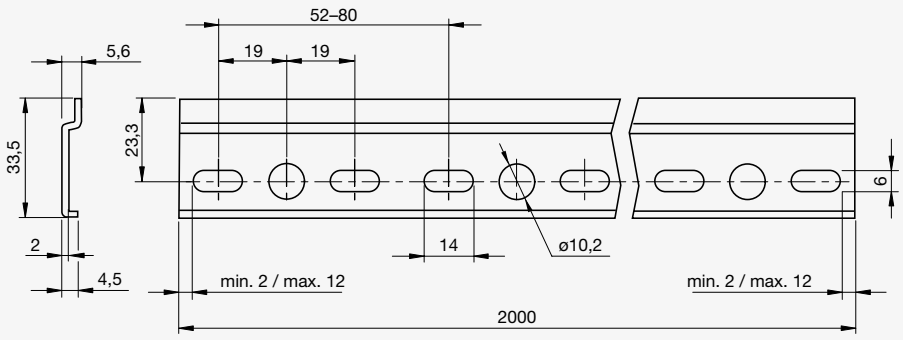


- Package contains Left and Right plate

Length [mm]	Code	Thickness [mm]
75	**F003291**	2.5

● IF Libra B3 Wall Plate





Length [mm]	Code	Thickness [mm]
2000	**F003290**	2

● IF SH1 and SH7 Anti-tip Bracket



ⓘ **SH1**

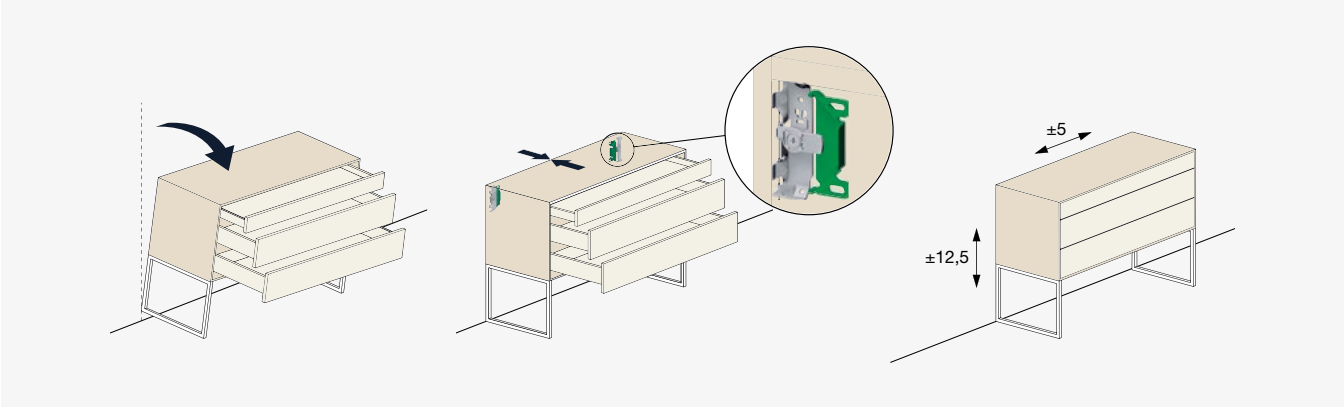


ⓘ **SH7**

SH is the anti-tip system for free-standing storage units, with or without back panels, such as dressers, chests of drawers, closets for bedrooms, living rooms and bathroom areas.

- SH1 – for containers with back panels
- SH7 – for containers without back panels

Model	Code
SH1	**F004668**
SH7	**F004669**

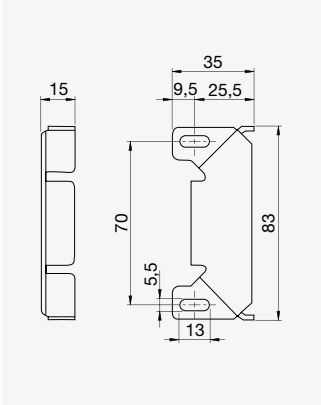






● IF SH Wall Plate





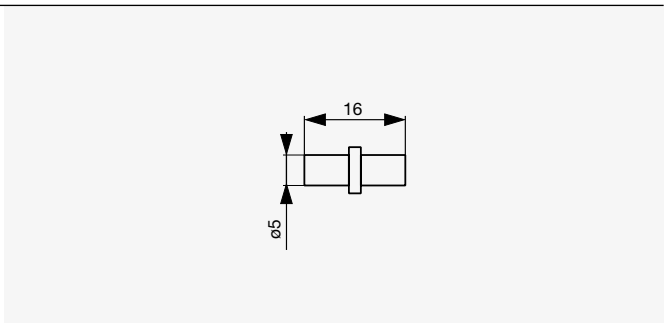
- For combination with anti-tip brackets SH1 or SH7

Type	Code
Wall plate	**F004670**

Shelf Holders

Riex JC60
Shelf Pin Support



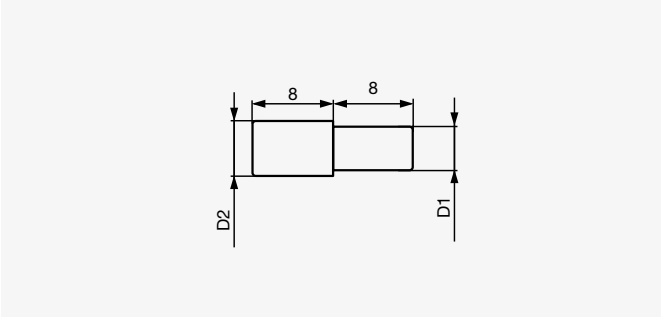


● Nickel plated

Dimension D2 / D1 [mm]	Code	Colour
5 / 5	F002008	Nickel plated
	F002009	White zinc

Riex JC60
Shelf Pin Support





● Nickel plated

Dimension D2 / D1 [mm]	Code	Colour
3 / 3	F004506	Nickel plated
5 / 3	F002007	

Riex JC62
Connector Shelf Housing TOP for 18 mm



● Brown



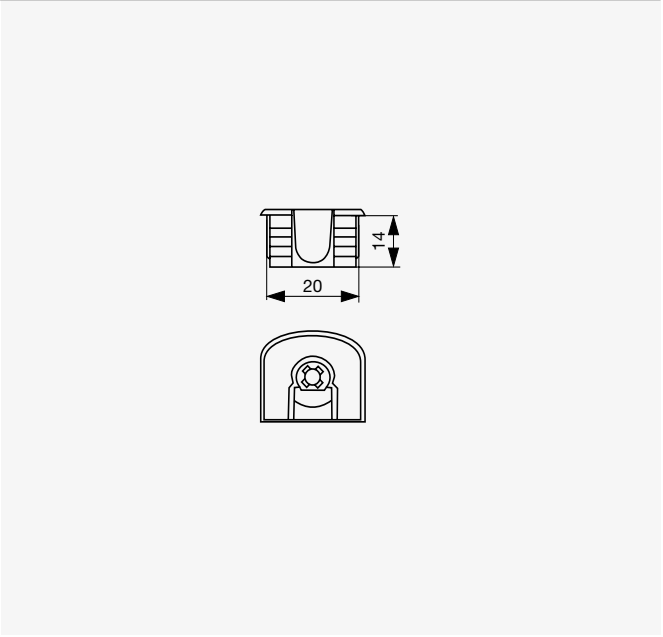
● Grey



● Black



○ White



Colour	Code	Diameter [mm]	Height [mm]
Brown	**F002537**	20	14
Grey	**F002538**		
Black	**F002539**		
White	**F002540**		

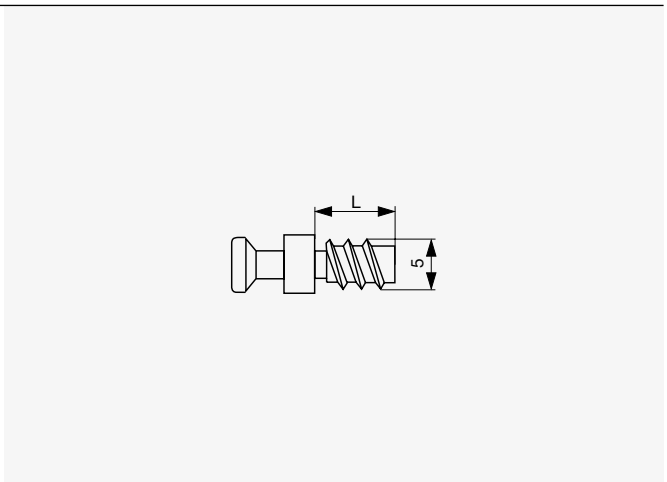
Riex JC62
Screw for Connection Shelf Housing JC62



ⓘ **F002544**



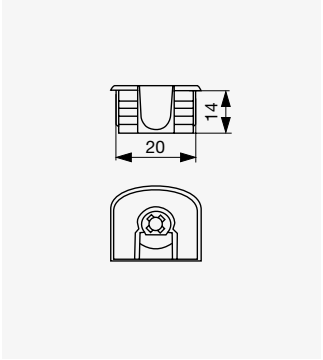
ⓘ **F002545**



Length L [mm]	Code	Diameter [mm]	Colour
11	**F002544**	5	White zinc
7.5	**F002545**		

Riex JC55 Connector Shelf Housing

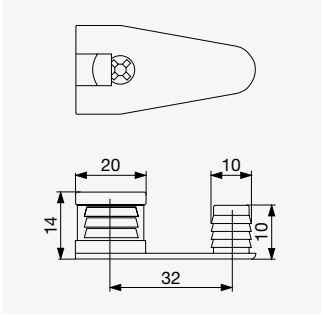




Board thickness [mm]	Material	Code
18–20	Zinc	**F003080**

Riex JC55 Connector Double Shelf Housing



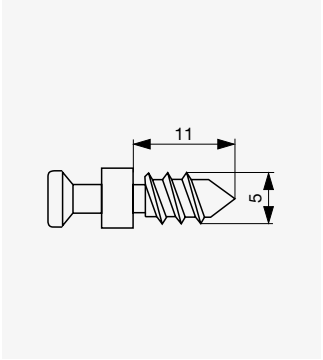


- For complete use JC55 screw **F003082**

Board thickness [mm]	Material	Code
18–20	Zinc	**F003081**

Riex JC55 Bolt Shelf Housing

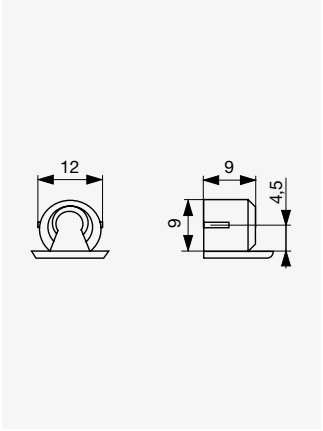




Connection	Code	Length [mm]
Euroscrew	**F003082**	11

Riex JC78 Shelf Support Click



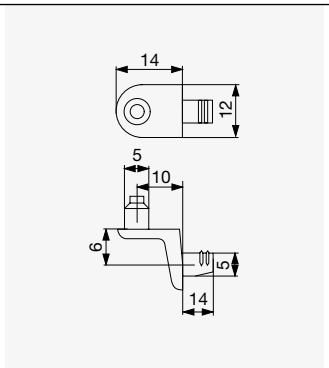


- Shelf Pin Support is not included
- Combine with a shelf pin support 5 / 5mm **F002008** or **F002009**

Colour	Code
White	**F002550**

Riex JC71 Shelf Support with Pin

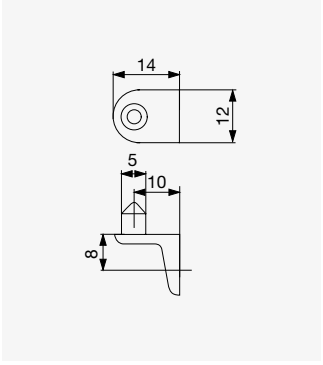




Colour	Code
Nickel plated	**F002546**

Riex JC72 Shelf Support for Eurscrew

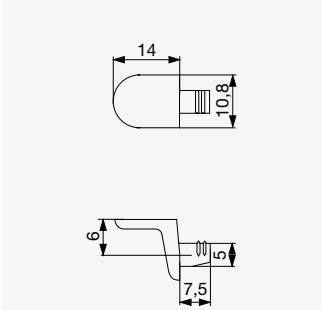




Colour	Code
Nickel plated	**F002547**

Riex JC73 Shelf Support without Pin

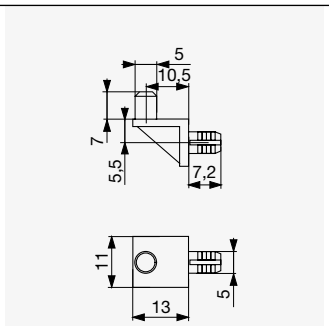




Colour	Code
Nickel plated	**F002548**

Riex JC74 Shelf Support Plastic

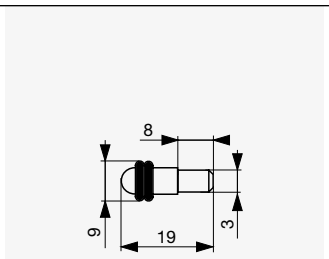




Colour	Code
White	**F002549**

Riex JC79 Glass Shelf Support

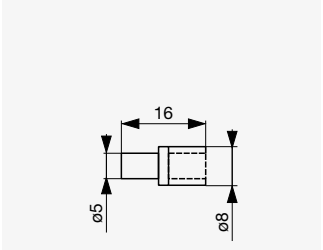




Diameter	Code
3 / 5	**F002551**

Riex JC61 Glass Shelf Support





Diameter	Code
5	**F004507**

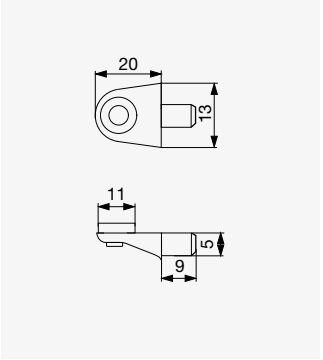
Riex JC42 Glass Shelf Support



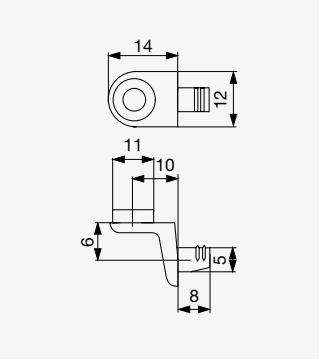
ⓘ **F002552**



ⓘ **F002553**



ⓘ **F002552**



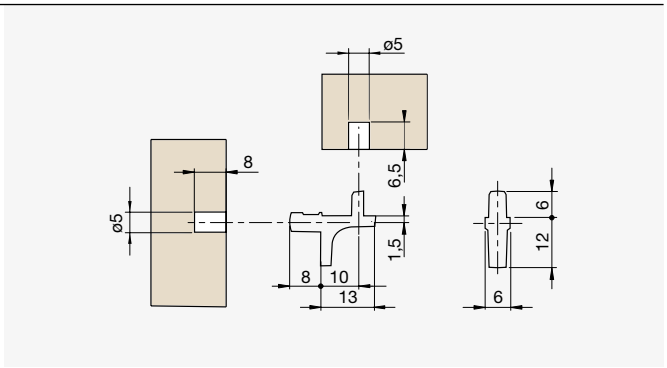
ⓘ **F002553**

Type	Code
Without ribs	**F002552**
With ribs	**F002553**

IF K-Line Shelf Support with Pin

ITALIANA ferramenta





Colour	Code
Nickel	**F002693**

IF K-Line Shelf Support

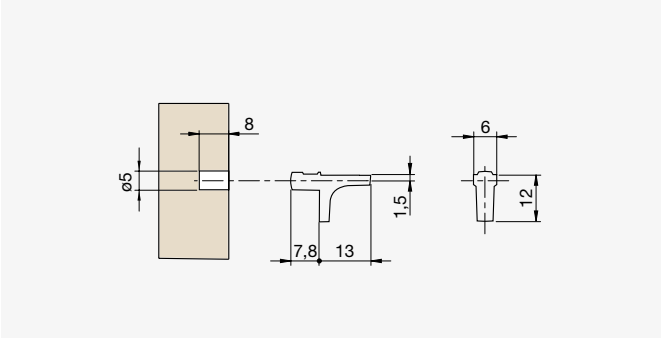
ITALIANA ferramenta



● Black nickel



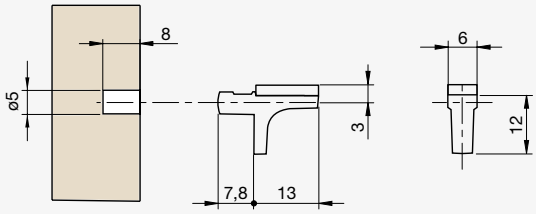
● Nickel



Colour	Code
Black nickel	**F002694**
Nickel	**F002695**

● IF K-Line Glass Shelf Support



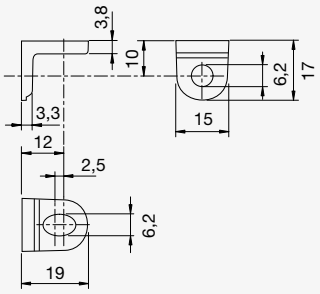


Colour	Code
Nickel	F002696

● IF Pull-In Shelf Support



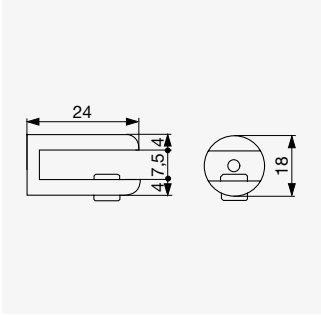
- Tightening bracket
- Can be used with Euroscrew or Spax nickel screw **[F004280]**
- High capacity



Colour	Code
Nickel	F002697

Riex JC43 Glass Shelf Holder





Colour	Code	Diameter [mm]	Glass thickness [mm]
Silver	**F002554**	20	max 7.5

Riex JC44 Glass Shelf Support Cube



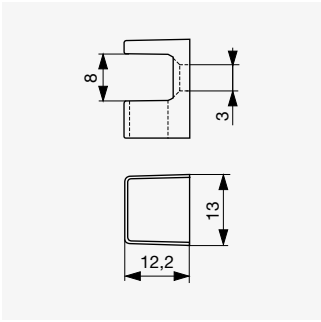
ⓘ **F003064**



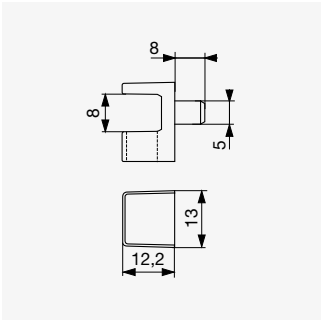
ⓘ **F003067**

Type	Colour	Code
For screw	Nickel	**F003064**
	Black nickel	**F003065**
With pin	Nickel	**F003066**
	Black nickel	**F003067**

- For glass thickness 5-6 mm



ⓘ **F003064**

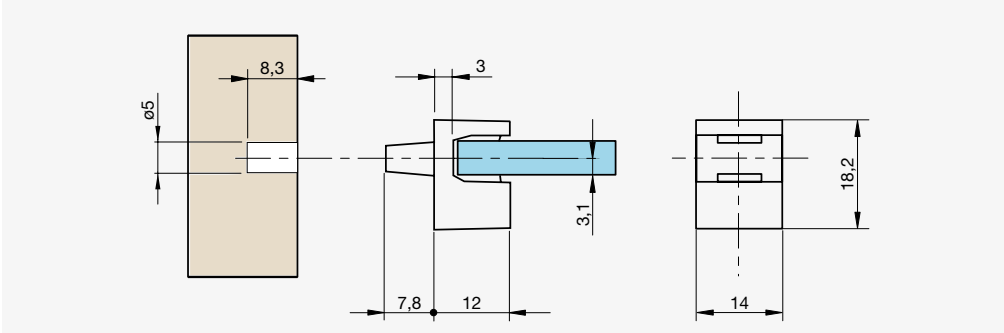


ⓘ **F003067**

IF Kristal Glass

ITALIANA ferramenta

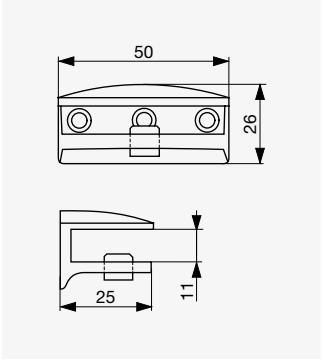




Colour	Code	Diameter of pin [mm]	Glass thickness [mm]
Chrome	**F002692**	5	5–6

Riex JC45 Glass Shelf Support

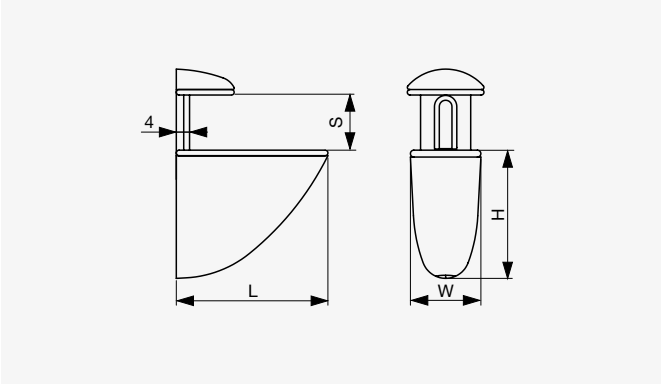




Colour	Code	Board thickness [mm]
Chrome	**F003068**	Max. 11

Riex JC48 Shelf Wall Support





Chrome

Colour	L [mm]	Code	Max board thickness S [mm]	H [mm]	W [mm]	Load capacity [kg]
Chrome	40	**F003070**	20	40	25	20
	70	**F003072**	20	48	25	30
	105	**F003074**	40	70	38	40

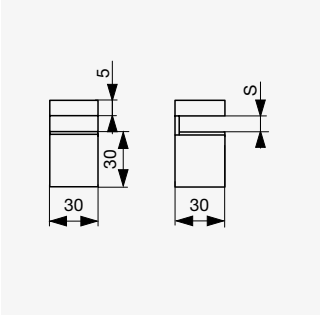
Riex JC49 Shelf Wall Support



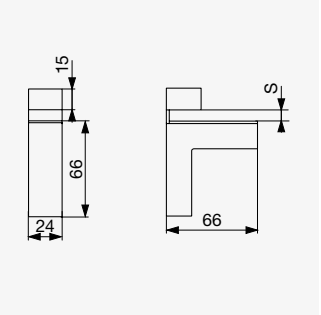
ⓘ **F003078**



ⓘ **F003077**



ⓘ **F003078**



ⓘ **F003077**

Colour	Length [mm]	Code	Max board thickness S [mm]	Load capacity [kg]
Chrome	30	**F003078**	16	20
	66	**F003077**	40	40

Shelf Consoles

● Citterio Giulio JK59
Shelf Support





● French patinated bronze

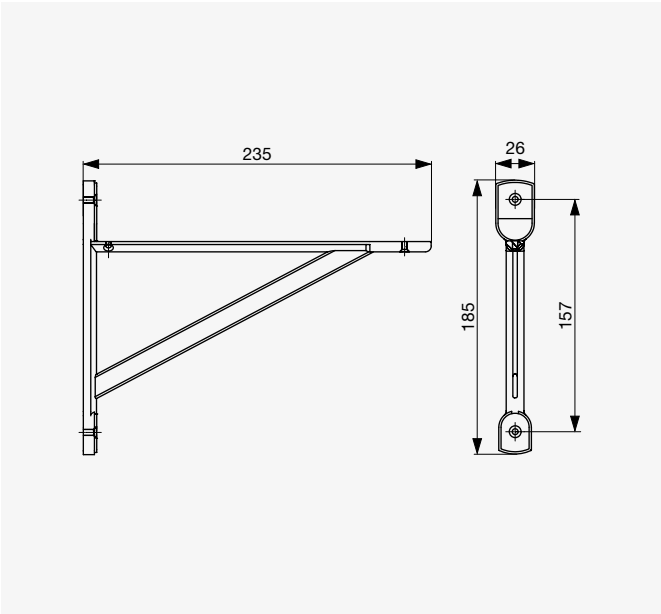


● Matt black



● Matt silver

• The same design handles on p. 4.46



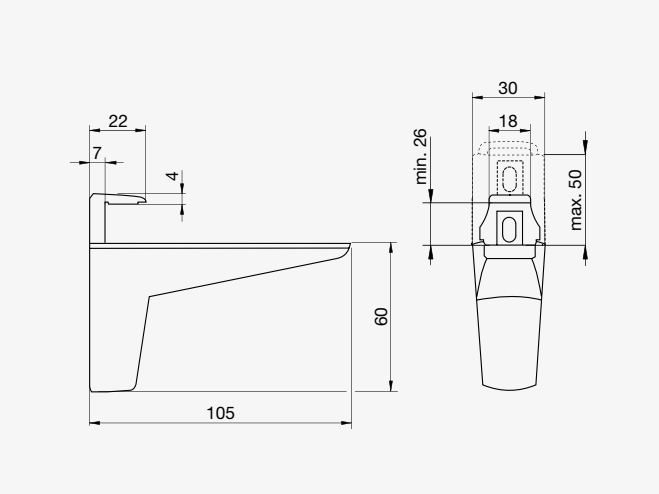
● Matt gold

Colour	Code
French patinated bronze	**F004512**
Matt black	**F004510**
Matt gold	**F004511**
Matt silver	**F004513**

● IF Moon S Shelf Support



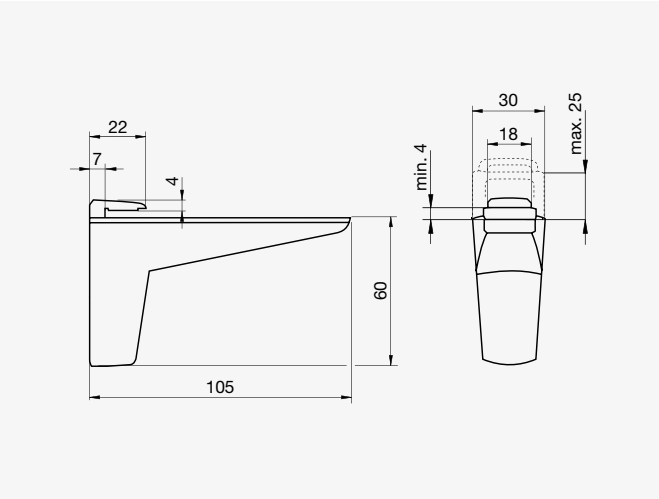
● Chrome



ⓘ **F002711, F002712**



● Metal grey

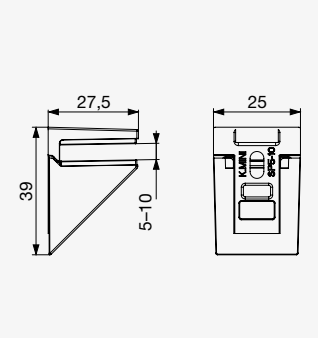


ⓘ **F002709, F002710**

Board thickness [mm]	Colour	Code
15–50	Chrome	**F002712**
	Metal grey	**F002711**
4–25	Chrome	**F002710**
	Metal grey	**F002709**

● IF Kalabrone Mini Shelf



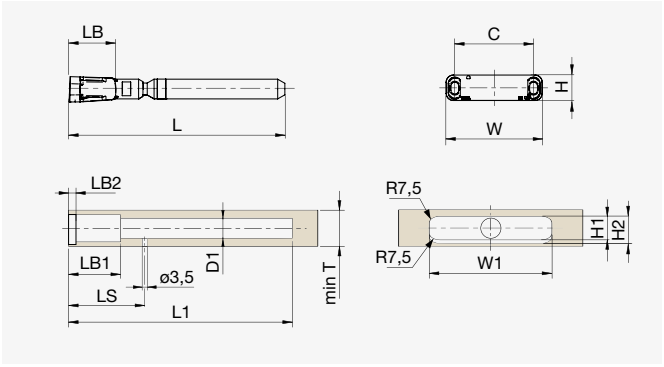


Colour	Code	Board thickness [mm]
Stainless steel	**F002714**	5–10

● IF Triade Pro Concealed Shelf Console



ⓘ **F010473**



- The load capacity is determined by the quality of the anchoring into the wall
- Maximum spacing between brackets is 700 mm
- Adjustment: Lateral [±2,5 mm], Vertical [10 mm], Inclination [-1°+3°]
- Security M4 Grub screw included
- For stronger anchoring to the wall we recommend using wall bracket

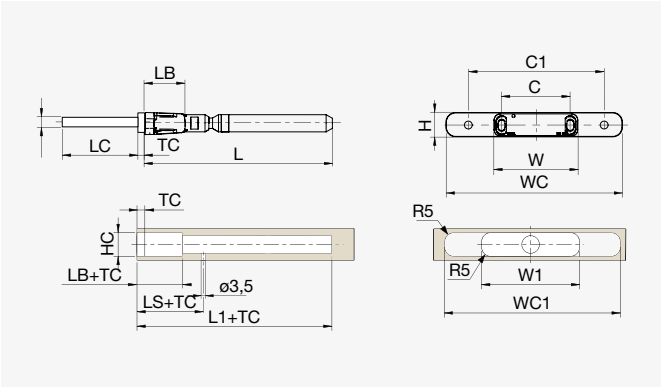
Type	Code	Min. board thickness [mm]	Load capacity per pair [kg]
Pro Mini	**F010473**	25	15-20
Pro	**F011068**	30	30-40
Pro XXL	**F014299**	40	40-50
Pro Maxi	**F014300**	40	40-60

Version	L [mm]	LB [mm]	C [mm]	W [mm]	H [mm]	H1 [mm]	H2 [mm]	L1 [mm]	LB1 [mm]	D1 [mm]	LS [mm]	W1 [mm]
Pro Mini	150	32	55	67	18	19	19	155	36	14	53	78
Pro	150	34	55	66,8	22,8	18	25	155	35	14	53	78
Pro XXL	285	49	62	74,5	28,5	26	26+4	290	52	16	73	85
Pro Maxi	150	49	62	74,5	28,5	26	26+4	155	52	14	73	85

IF Triade Wall Brackets



- The wall bracket guarantees a more stable fixing to the wall
- Pan head screws and metric thread for attaching the console are included
- To hide the bracket in the shelf, the holes in the shelf need to be milled 4mm deeper



Type	Code
Pro Mini	**F002716**
Pro	**F002718**
Pro XXL / Maxi	**F002720**

Version	TC [mm]	LC [mm]	DC [mm]	C1 [mm]	WC [mm]	LB+TC [mm]	LS+TC [mm]	L1+TC [mm]	WC1 [mm]
Pro Mini	5	60	8	100	130	41	58	160	140
Pro	4	60	8	100	130	41	57	160	140
XXL / Maxi	4	60	8	100	130	57	77	295 / 160	140

Riex JK31 Invisible Shelf Support

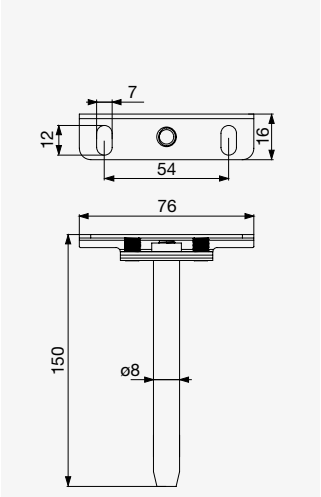
RIEX

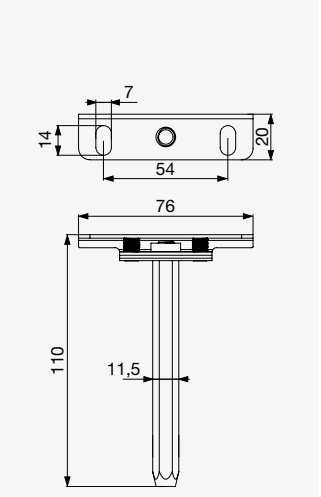


ⓘ **F002864**



ⓘ **F002863**





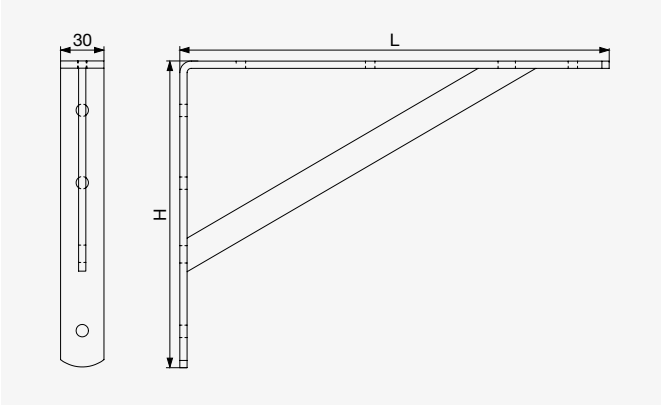
Length [mm]	Code	Diameter [mm]
150	**F002864**	8
110	**F002863**	11

Riex JK25 Shelf Support



● Black

○ White



Dimension L × H [mm]	Colour	Code
300 × 210	Black	**F004326**
	White	**F004324**
350 × 240	Black	**F004327**
	White	**F004325**

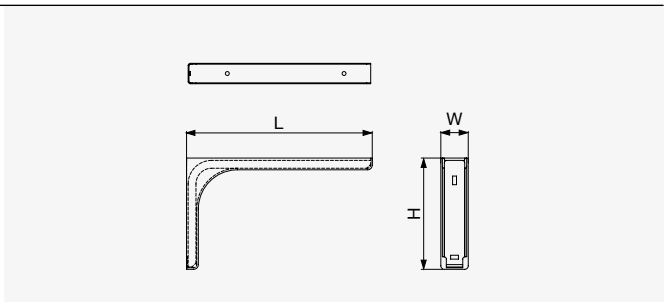
Riex JK28 Shelf Support with Plastic Cover



● Brown



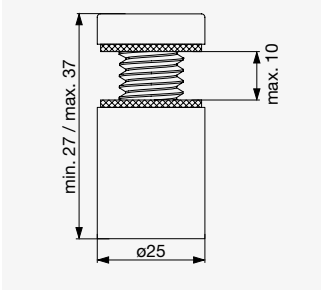
○ White



Dimension L × H [mm]	Colour	Code	Width W [mm]
119 × 77.5	Brown	**F002018**	25
	White	**F002015**	25
183 × 114	Brown	**F002019**	35
	White	**F002016**	35
237 × 143	Brown	**F002020**	34
	White	**F002017**	34

Riex JK30 Glass Connector





- For vertical fixing of mirror or glass on the wall
- Perfect for mirrors

Colour	Code	Diameter [mm]
Stainless steel imitation	**F002145**	25

Angle and Connecting Plates

Riex JP20 Cabinet Corner Connector Small





● Black

○ White



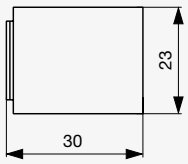
● Beech

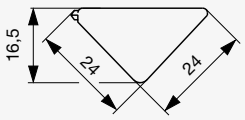


● Cherry



● Birch





● Brown

Colour	Code
Brown	F002966
Black	F002967
White	F002968
Beech	F002969
Cherry	F002970
Birch	F002971

Riex JP30 Cabinet Corner Connector Big



● Brown



● Black

○ White



● Grey



● Beech



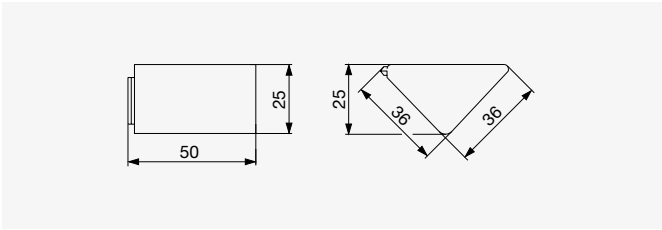
● Cherry



● Birch



● Pine



Colour	Code
Brown	**F002972**
Black	**F002973**
White	**F002975**
Grey	**F007557**
Beech	**F002976**
Cherry	**F002977**
Birch	**F002978**
Pine	**F002979**

Riex JK08 Cabinet Connector with Dowel



● Brown



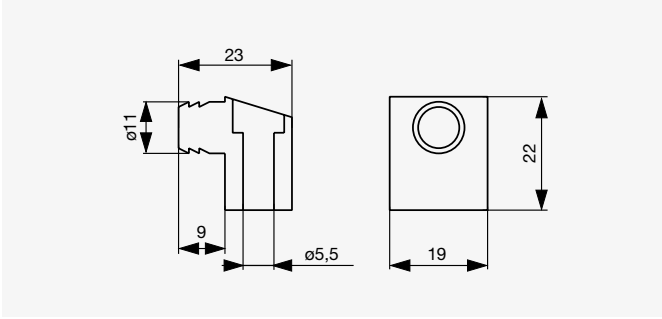
○ White



● Beige



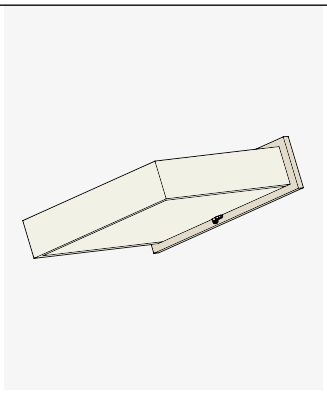
● Black

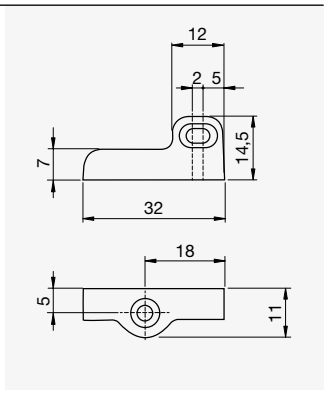


Colour	Code
Brown	**F002949**
White	**F002950**
Black	**F002951**
Beige	**F002952**

● IF Drawer Bottom Connector



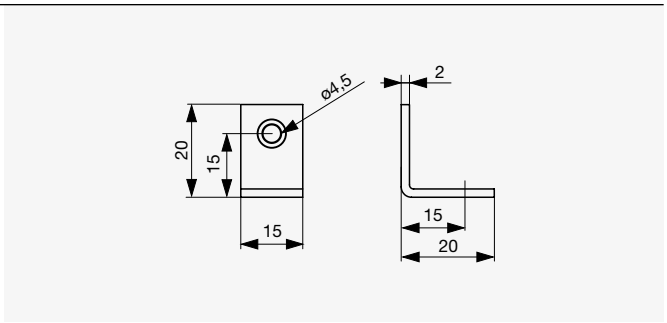


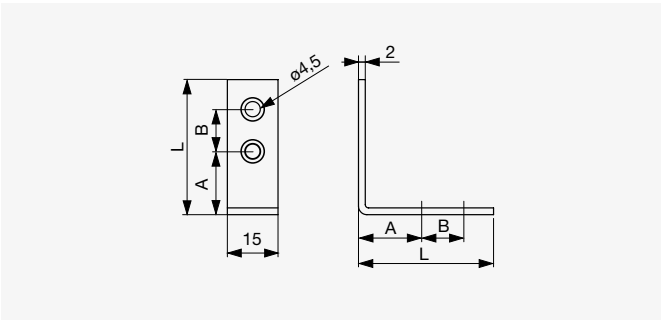


Colour	Code
White	**F003085**

● Riex JC41 Angled Metal Bracket





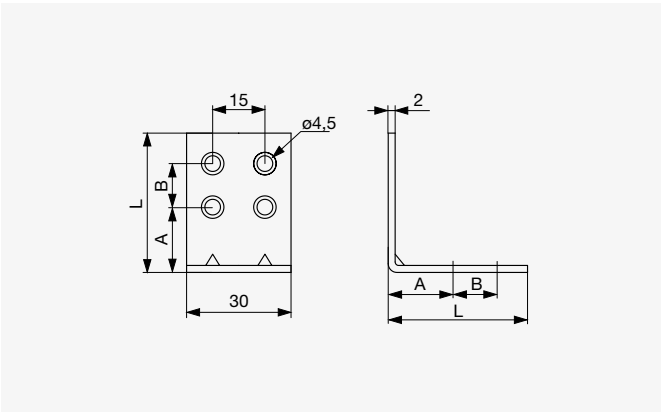


Length L [mm]	Code	A [mm]	B [mm]
20	**F003101**	×	×
25	**F003102**	8.5	9.5
30	**F003103**	9.5	12.5
40	**F003104**	17	17
50	**F003105**	17.5	24
60	**F003106**	18	34
70	**F003107**	18	44
80	**F003108**	29.5	42.5
90	**F003109**	29.5	52.5
100	**F003110**	29.5	62.5

Riex JC47 Angled Metal Bracket



- Thickness 2 mm
- Colour White zinc

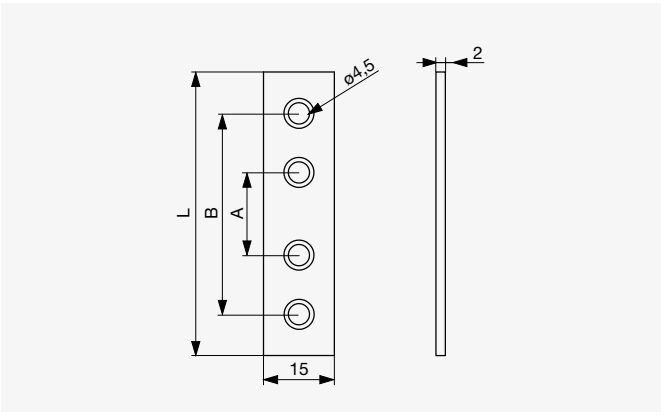


Dimension L × L [mm]	Code	A [mm]	B [mm]
40 × 40	**F003118**	16.5	16.5
50 × 50	**F003119**	16.5	27
60 × 60	**F003120**	16.5	37

Riex JC43 Straight Metal Plate

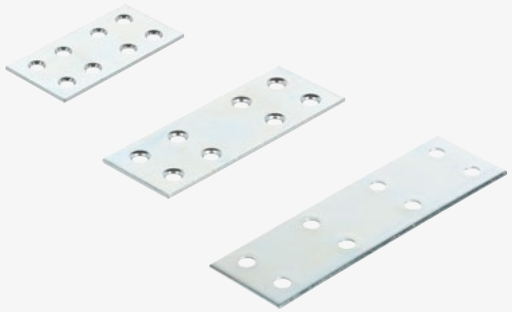


- Thickness 2 mm
- Colour white zinc

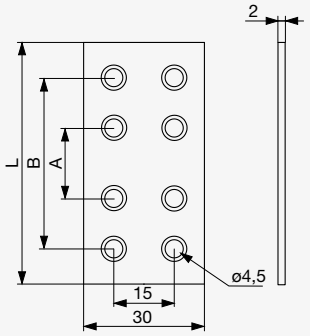


Length L [mm]	Code	A [mm]	B [mm]
60	**F003112**	17.5	43
80	**F003113**	29	63
100	**F003114**	35	83
120	**F003115**	35	103
140	**F003116**	35	123

Riex JC46 Straight Metal Plate



- Thickness 2 mm
- Colour white zinc

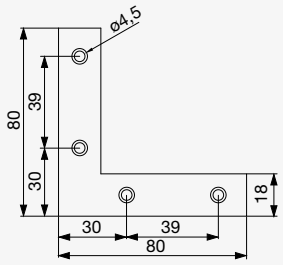


Length L [mm]	Code	A [mm]	B [mm]
60	**F004321**	17.5	43
80	**F004322**	29	62
100	**F003121**	29	83.5

Riex JC45 Flat Corner Plate



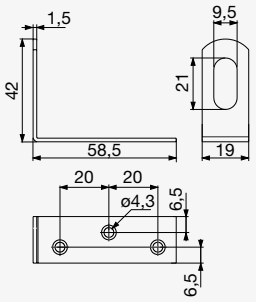
- Thickness 2 mm
- Colour white zinc



Dimension L [mm]	Code
80 × 80	**F003122**

Riex JC51 Angled Metal Plate



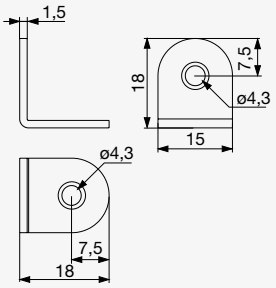


- Thickness 1.5 mm
- Colour White zinc

Dimension [mm]	Code
58.5 × 42	F004314

Riex JC52 Angled Metal Plate



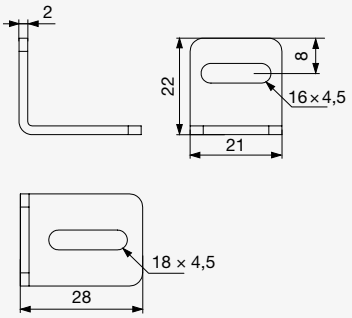


- Thickness 1.5 mm
- Colour white zinc

Dimension [mm]	Code
18 × 18	F004315

Riex JC42 Angled Metal Bracket with Oval Hole



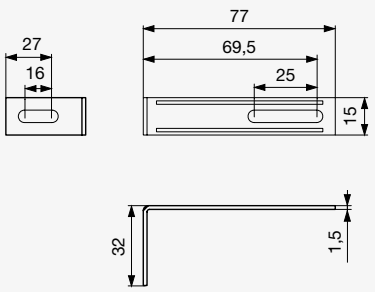


- Thickness 2 mm
- Colour white zinc

Dimension [mm]	Code
28 × 22	F004317

Riex JC49 Over Balance Bracket



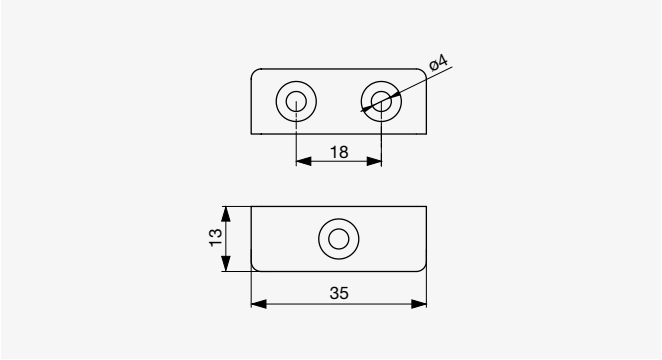


- Thickness 1.5 mm
- Colour white zinc

Dimension [mm]	Code
77 × 32	F003117

Riex JK13 Cabinet Corner Connector



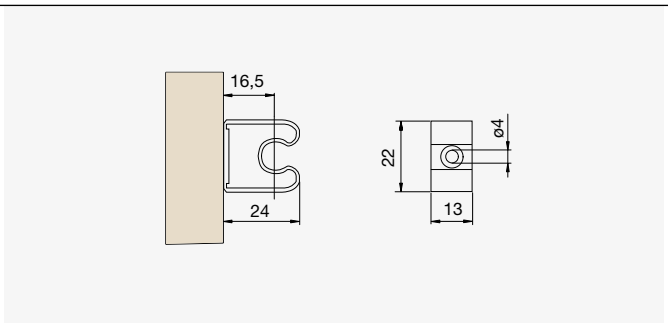


Colour	Code
White	F003111

IF Plinth Connector

ITALIANA ferramenta

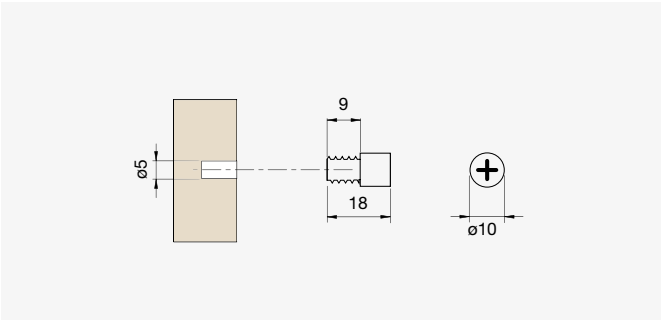






ⓘ F003210





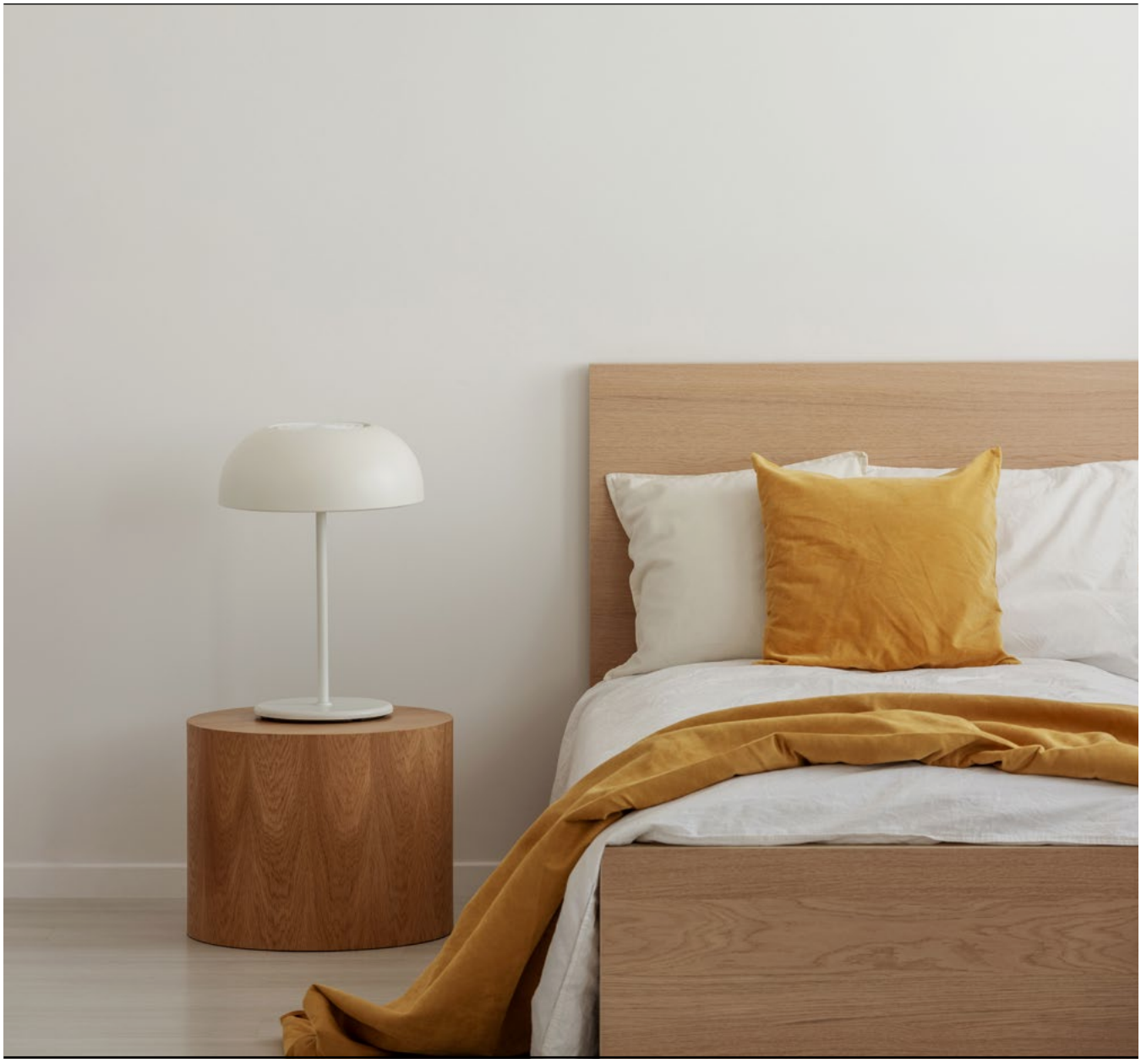
Type	Code
Plate	F003210
Pin	F003211

ⓘ F003211

CONTENT

Bed Fittings and Lift Mechanisms

Discover our fitting systems for flawless and sturdy bed frame assembly and lifters that guarantee easy and smooth opening. Whether you need a solution for single beds or sturdy double beds, we have a solution for you, including steel or gas springs for lateral and longitudinal openings. Choose the ideal fittings and lifting mechanisms for long-lasting and reliable performance.



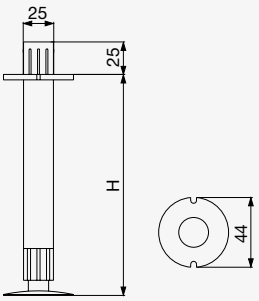
● Accessories for Beds 15.3

● Bed Lifts with Spring 15.7

Accessories for Beds

Riex JL10 Bed Support Leg

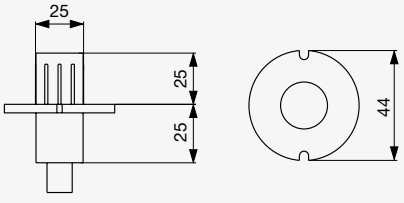




Height H [mm]	Code
120	F003011
160	F003012
190	F003013

Riex JL10 Adapter for Bed Support Leg





Extension [mm]	Code
+50	F003014

Riex JF30 Bed Adjustable Fitting

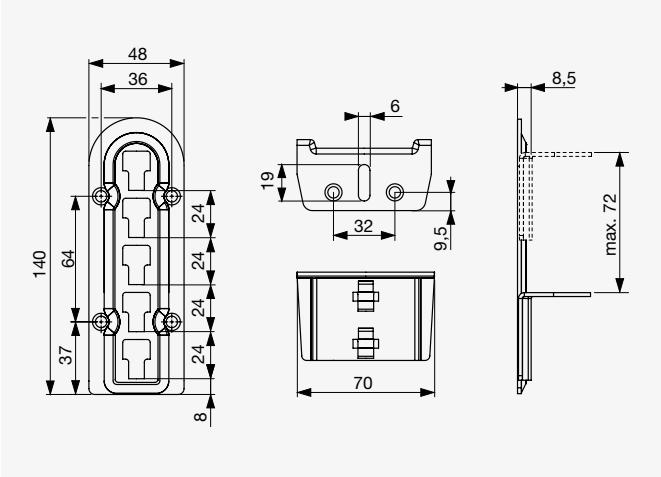


ⓘ **F003556**



ⓘ **F003098**

- Thickness 2 mm
- White zinc



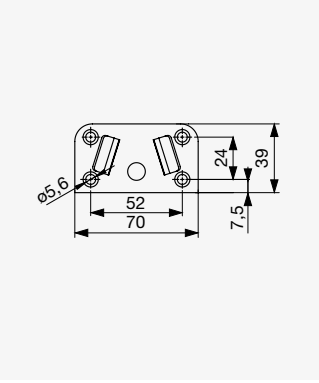
ⓘ Whole assembly consists of 1× **F003556** and **F003098.**

Type	Code
Angle	**F003556**
Plate	**F003098**

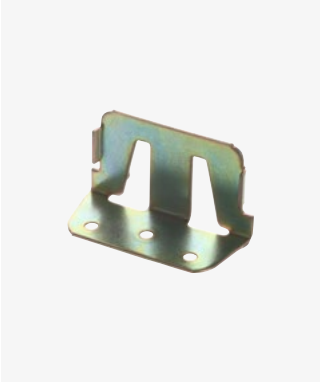
Riex JF50 Central Bed Connector



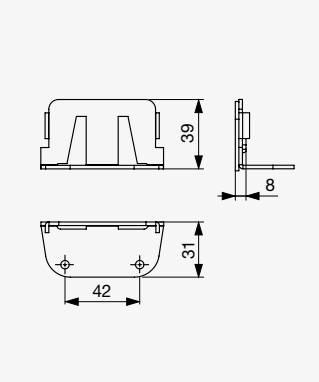
ⓘ **F003044**



- Thickness 2 mm
- White zinc



ⓘ **F003555**

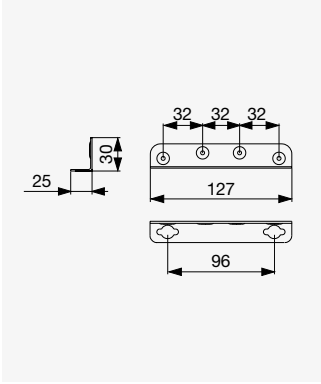


ⓘ Whole assembly consists of 1× **F003555** and 1× **F003044.**

Type	Code
Angle	**F003555**
Plate	**F003044**

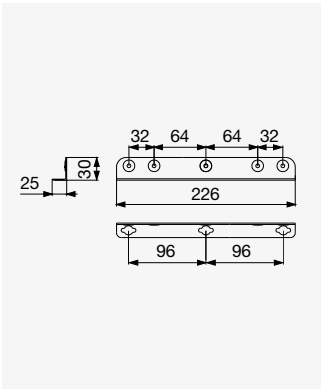
Riex JK20 Bed L Plate





ⓘ **F003010**

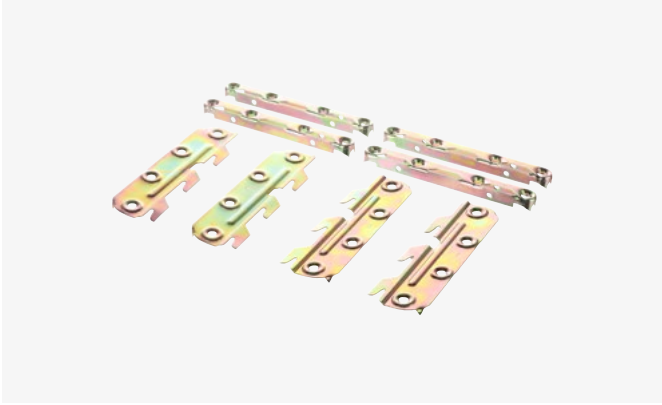




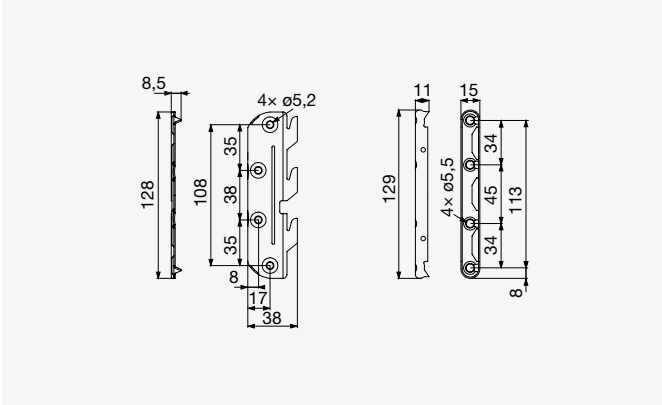
ⓘ **F003009**

Length [mm]	Code
127	**F003010**
226	**F003009**

Riex JF40 Bed Connector



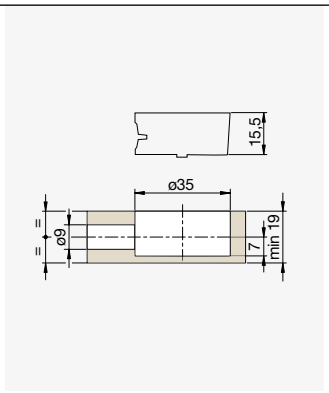
- Set for 1 bed
- 4 pairs



Length [mm]	Code
129	**F003042**

● IF Spiral Locks

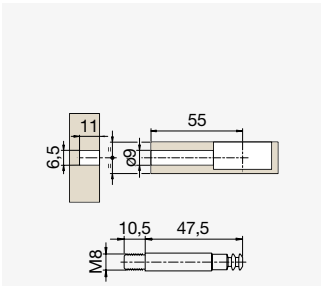






ⓘ **F003083**





ⓘ **F003084**

- Specially conceived to join bed sides and panels
- Strong connection without damaging the panels
- Minimum thickenss of panel 19 mm

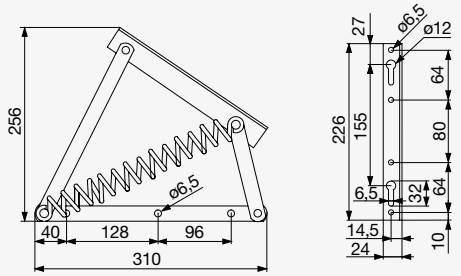
For strong connect combine with insert nut **F002530** – see p. 14.21.

Type	Code
Excentric cam	**F003083**
Bolt	**F003084**

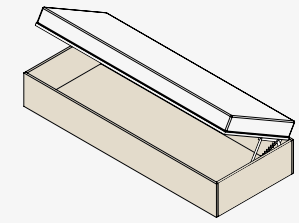
Bed Lifts with Spring

Riex JP81 Bed Lift





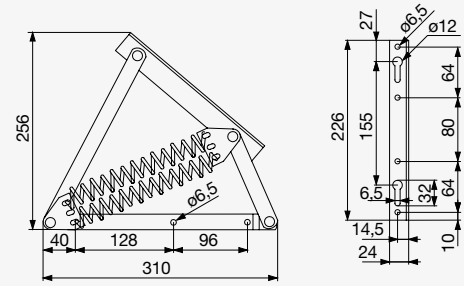
- For 1 bed frame
- Long side opening
- Supplied as a pair



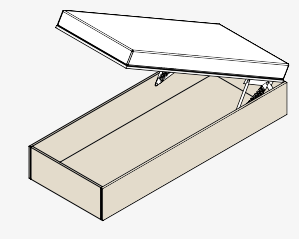
Number of springs	Code
1 spring	F003330

Riex JP82 Bed Lift





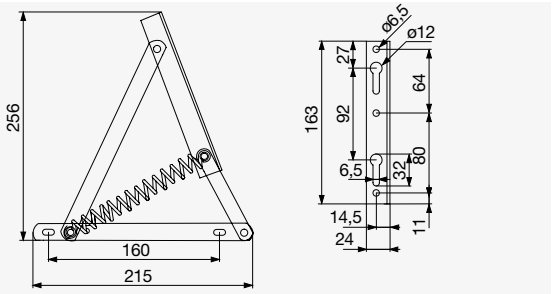
- For 1 bed frame
- Long or short side opening
- Supplied as a pair



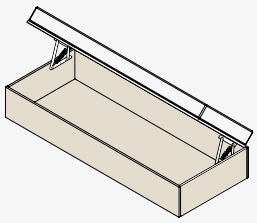
Number of springs	Code
2 springs	F003331

Riex JP83 Bed Lift



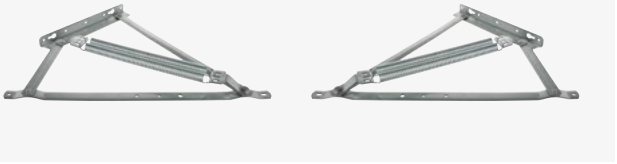


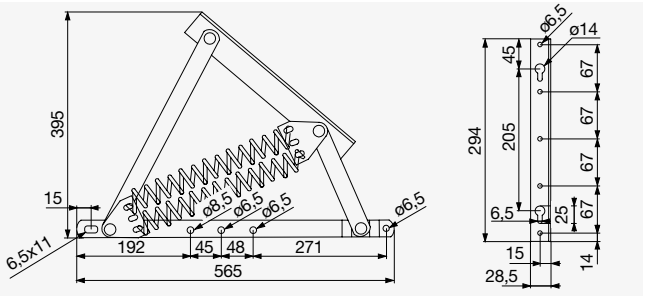
- For 1 bed frame
- Long side opening
- Supplied as a pair



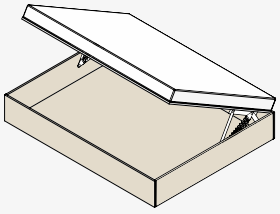
Number of springs	Code
1 spring	F003332

Riex JP84 Bed Lift





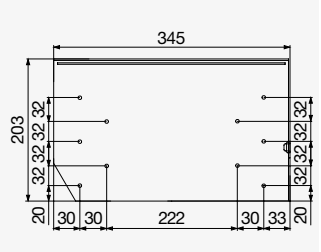
- For 1 bed frame
- Long side opening
- Supplied as a pair

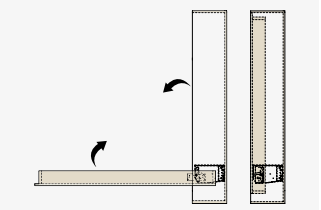


Number of springs	Code
2 springs	F003333

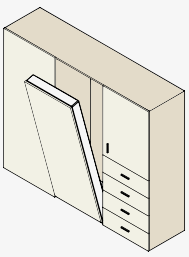
Riex JP86 Bed Lift







- Bed lift to hide bed into wardrobe
- A complete pair of mechanisms
- Lifting force can be adjusted
- Minimum depth of wardrobe 380 mm
- Maximum weight of bed 70 kg



Number of springs	Code
Boxes with spring mechanism	F003572

Furniture Edges

Identical decors for boards from over 115 manufacturers, with most decors in stock in standard sizes for dispatch within 24 hours. These are Hranipex furniture edges. Browse our portfolio of ABS edges that excel in easy processing and durability. We also offer premium services for all edges, such as custom edge manufacturing, edge rewinding or application of AdvantEdge® functional coating for Hot-Air adhesion. Our ABS edges are recyclable.

- ABS edges
- ABS edges Senosan
- ABS AdvantEdge®
- ABS edges lacquering
- Acryl 3D
- Melamine edges
- Melamine edges FALZ
- Veneer edges
- Veneer edges FALZ
- Sample sets



● Services 16.3

● Sample Sets 16.7

We Offer a Complete Service



Producing the ABS edges in atypical dimensions

We can prepare atypical dimensions and surface on demand.

ABS slit to size

Slitting the ABS edges in atypical dimensions.

Starting from 1 meter

We offer edges as well as jumbo rolls from 1 meter. You don‘t have to purchase full rolls when you don‘t need to. Saving money and reducing waste.

Applying adhesive

Do you need an edge with adhesive already applied? Not a problem. We apply glue to the edges of the Hranipex collection.

Lacquering

We can prepare any ABS edge in plain colour in the gloss level of your choice. We apply varnish from 10° to 90° gloss.

Application of the AdvantEdge® functional layer

We can apply a functional layer for Hot-Air edging to any ABS edge.

Expert advice available

With our experienced and knowledgeable team we can confidently offer you suitable adhesives, manual cleaners and machine cleaners to compliment your products.

We prepare tailor made adhesives and cleaners

You need chemistry that exactly meets your requirements? Thanks to our own R&D we are able to provide specific adhesives or cleaners to meet your needs without compromise.

● Rewinding Rolls

Type	Edging thickness [mm]	Roll length [m]	Edging width
ABS Plain colours edges	Less than 1 [0,45–0,8]	200	According to the offer of decors from the collections; for atypical widths use form on our e-shop.
	1	200	
	2	100	
	3	75	
ABS wood patterns and others	Less than 1 [0,45–0,8]	200	
	1	200	
	2	100	
	3	75	
ABS gloss / matt and Senosan	1–2	150 / 200	According to the offer of decors from the collections; for atypical widths use form on our e-shop.
End-Grain	1	200	
Acryl 3D	23 × 1	150	
	23 × 2	75	
	43 × 2	50	
Acryl 3D with glass effect	24 × 1	200	
ABS edges with ALU foil	0,5	200	
	1	200	
	2	100	
AdvantEdge® – Hot-Air Edges	1	150 / 200	
	2	100	
Paintable ABS edges	0,8	200	
	1	150	
	2	100	
Melamine edges	0,28–0,31	100–500	Edges up to the width of the jumbo roll.
Falz edges		400–500	
Melamine blind edges		100–500	
Veneer edges with glue	0,6	50	
Veneer edges with fleece	0,6	200	
Veneer edges falz	0,38	200	
Thick veneer edges	1–2	50	
	Other thicknesses	Minimum order quantity on request from our sales team.	
Exwood edges	2	50	

ⓘ **For more information on complete services and their prices, contact our sales team.**

● Slitting

Type	Edging thickness [mm]	Roll length in collection [m]	Slitting from jumbo roll [mm]
ABS Plain colours edges	0,45–0,7	200	From 16 to 200
	0,8–1	200	From 12 to the width of a jumbo roll **
	2	100	
ABS wood patterns and others	0,45–0,7	200	From 16 to 200
	0,8–1	200	From 12 do the width of a jumbo roll **
	2	100	
ABS gloss / matt and Senosan	1	150 / 200	From 12 to the width of a jumbo roll **
	2	100	
End-Grain	1	200	From 12 to the width of a jumbo roll **
ABS edges with ALU foil	0,5	200	From 16 to 200 **
	1	200	From 12 to the width of a jumbo roll **
	2	100	
Paintable ABS edges	0,8	200	From 12 to the width of a jumbo roll **
	1	200	
	2	100	
Melamine edges		100–500	From 16 to 200 *
Falz edges		400–500	From 16 to 200 *
Melamine blind edges		100–500	

*** Slit from the whole width of the jumbo roll – you will receive more rolls according to the required edge width.**
**** Only multiple of minimum order quantity.**

ⓘ **If you do not find the required dimensions or colour of the edge in our collection, we will be happy to create a customized edge. Contact our sales team for details and price calculation.**

● Production of ABS Edges of Atypical Dimensions and Surface in Plain colours

- Within 10 working days, we will produce any size for you from more than 150 atypical dimensions of edges in the surface finish you choose. From 100 m in length. Contact our sales team for more information, lead times, and calculation.

● Application of Glue

Type	Edging thickness [mm]	Minimum order quantity with glue [m]	Edge width – glue application to order in width [mm]
ABS plain colours edges	0,45–0,7	10	16–160
	0,8–1	10	12–160
	2	10	
ABS wood patterns and others	0,45–0,7	10	16–160
	0,8–1	10	12–160
	2	10	
ABS gloss / matt and Senosan	1–2	10	12–160
End-Grain	1	10	12–160
Acryl 3D	1–2	10	Application possible for dimensions of the edges in the collection.
	2		
Acryl 3D with glass effect	1	10	Application possible for dimensions of the edges in the collection.
ABS edges with ALU foil	0,5	10	16–160
	1	10	12–160
	2		
Paintable ABS edges	1	10	12–160
	2		
Melamine edges		50	22 and 45
		100	16–160
Falz edges		100	60
		100	16–160
Melamine blind edges		50	22 and 45
		100	16–160

● Application of Functional Layer

Type	Edging thickness [mm]	Roll length [m]	Minimum order quantity	Edging width [mm]	Colour of the function layer
Plain colours edges	0,8–1	150 / 200	1 full roll	12–65	Transparent Natural White Black
	2	100			
ABS wood patterns and others	0,8–1	200			
	2	100			

● Lacquering

We lacquere edges in thicknesses from 0,45 mm to 3 mm and in glosses from 10° to 90°.
The lacquer can only be applied to selected surfaces.
Contact our sales team for more information, lead times and calculations.

ⓘ You can find information about packaging, storage, and tolerance for our edges on our e-shop.
Contact our sales team for details and price calculation.

Sample Sets



ABS Edges chain sample
swatches in box



High Gloss ABS edges chain
sample swatch



Senoplast edges chain
sample swatch



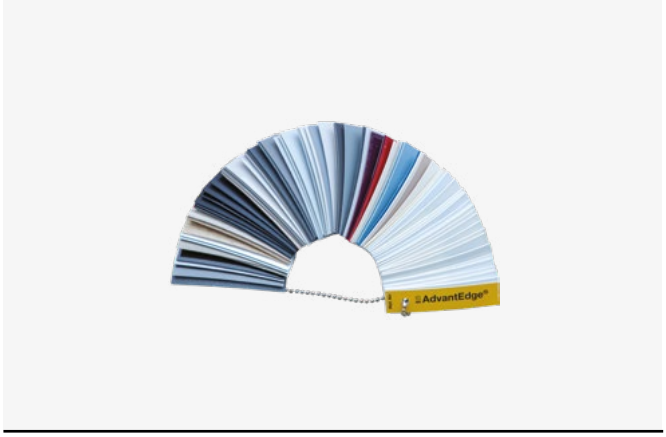
Design edges chain
sample swatch



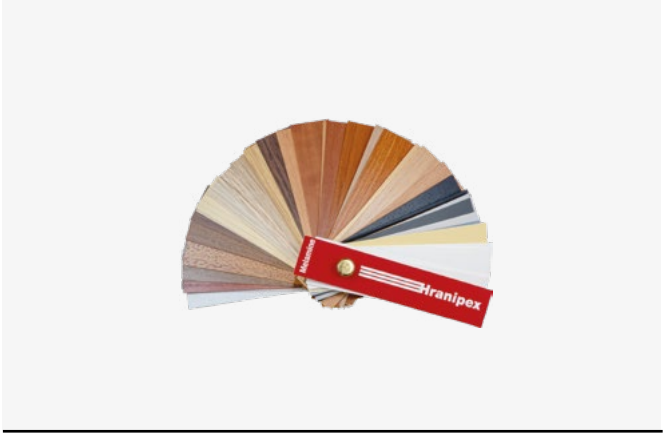
End Grain ABS edges chain
sample swatch



Matt ABS edges
sample swatch



AdvantEdge® ABS
edges chain sample swatch



Chain sample set
of melamine edges



Chain sample set
melamine FALZ edges



Chain sample set of veneer edging
0,6, 1 and 2 mm thick

Adhesives

Adhesives are inseparable from edges and furniture production. Therefore, we offer a wide range of hot melt, dispersion, construction and contact adhesives. Our specialists will be happy to help you choose the right glue for your purposes, as well as to order accessories for its application.



● **Hot Melt Adhesives** **17.3**
EVA Hot Melt Adhesives 17.4
PUR Hot Melt Adhesives 17.11
PO Hot Melt Adhesives 17.16

● **Dispersion Adhesives Hranipex** **17.17**

● **Contact Adhesives & Accessories** **17.19**
Contact Adhesives 17.20
Accessories 17.23

● **Adhesive Tapes & Accessories** **17.25**
Tape 17.26
Accessories 17.26

● **Assembly and Construction Adhesives** **17.27**
Adhesive – PUR 17.28
Silicones 17.30
Polymers 17.31
Accessories 17.32

Hot Melt Adhesives

- Adhesives for different edgebanding machines and for different usages.



EVA Hot Melt Adhesives

● Hranitherm Granules



Product name	Packing	Code
Hranitherm 600.30 Transparent	5 kg	C001123
	20 kg	C001124
Hranitherm 600.31 White	5 kg	C001125
	20 kg	C001126
Hranitherm 600.39 Black	5 kg	C001128
	20 kg	C001129
Hranitherm 603.00 Transparent	5 kg	C001144
	20 kg	C110045
Hranitherm 603.01 White	5 kg	C001146
	20 kg	C001147
Hranitherm 608.30 Transparent	5 kg	C001152
	20 kg	C001153
Hranitherm 608.31 White	5 kg	C001154
	20 kg	C001155

• Transparent [non-filled] adhesives

Hranitherm	600.30 transparent 600.31 white 600.39 black	603.00 transparent 603.01 white	608.30 transparent 608.31 white
Technical information	◌ ○ ●	◌ ○	◌ ○
Packing	5; 20 kg	5; 20 kg	5; 20 kg
Base	EVA non-filled	EVA non-filled	EVA non-filled
Softening range [ring and ball]	105–115 °C	105–115 °C	92–102 °C
Operating temperature	180–200 °C	190–220 °C	190–220 °C
Operating speed	12–30 m/min	8–30 m/min	4–8 m/min
Viscosity at 200 °C	Approx. 50.000–80.000 mPa·s	Approx. 60.000–85 000 mPa·s	Approx. 50.000–70.000 mPa·s
Application field			
ABS, PVC and PP edging with a primer	•••	•••	•••
Veneer edging	•••	•••	••
Melamine edging	•••	•••	•••
Edging of solid wood	••	••	••
Softforming	•••	•••	•••
CNC shaped edging	•••	•••	••
Manual shaped edging	••	••	••
HOLZ-HER cartridge devices	×	×	×

••• very suitable •• suitable • technically possible

● Hranitherm Granules



Product name	Packing	Code
Hranitherm 600.70 Natural	5 kg	**C001136**
	25 kg	**C001137**
Hranitherm 600.71 White	5 kg	**C001138**
	25 kg	**C001139**
Hranitherm 600.79 Black	5 kg	**C001140**
	25 kg	**C001141**
Hranitherm 617.00 Natural	5 kg	**C001159**
	25 kg	**C001160**
Hranitherm 617.01 White	5 kg	**C001161**
	25 kg	**C001162**
Hranitherm 628.10 Natural	20 kg	**C001163**

- **Slightly filled adhesives**

Hranitherm	**600.70 natural 600.71 white 600.79 black**	**617.00 natural 617.01 white**	**628.10 natural**
Technical information			
Packing	5; 25 kg	5; 25 kg	20 kg
Base	EVA filled	EVA filled	EVA filled
Softening range [ring and ball]	100 °C	92–102 °C	110–120 °C
Operating temperature	190–210 °C	190–210 °C	190–210 °C
Operating speed	10–60 m/min	10–50 m/min	8–40 m/min
Viscosity at 200 °C	Approx. 50.000–80.000 mPa·s	Approx. 55 000–75 000 mPa·s	140.000–170.000 mPa·s
Application field			
ABS, PVC and PP edging with a primer	•••	•••	•••
Veneer edging	•••	•••	•••
Melamine edging	•••	•••	•••
Edging of solid wood	••	••	•••
Softforming	••	•	••
CNC shaped edging	•	•	•••
Manual shaped edging	•	•	•••
HOLZ-HER cartridge devices	×	×	×

••• very suitable •• suitable • technically possible

● Hranitherm Granules



Product name	Packing	Code
Hranitherm 600.10 Natural	5 kg	**C001110**
	25 kg	**C001111**
Hranitherm 600.11 White	5 kg	**C001112**
	25 kg	**C001113**
Hranitherm 600.18 Brown	5 kg	**C001115**
	25 kg	**C001116**
Hranitherm 600.19 Black	5 kg	**C001117**
	25 kg	**C001118**
Hranitherm 600.64 Natural	5 kg	**C001134**
	25 kg	**C001135**

• **Filled adhesives**

Hranitherm	**600.10 natural**	**600.11 white 600.18 brown 600.19 black**	**600.64 natural**
Technical information			
Packing	5; 25 kg	5; 25 kg	5; 25 kg
Base	EVA filled	EVA filled	EVA filled
Softening range [ring and ball]	95–110 °C	95–110 °C	100–110 °C
Operating temperature	190–210 °C	190–210 °C	190–210 °C
Operating speed	10–50 m/min	10–50 m/min	10–50 m/min
Viscosity at 200 °C	Approx. 65 000–80.000 mPa·s	Approx. 80.000–110.000 mPa·s	Approx. 55 000–80.000 mPa·s
Application field			
ABS, PVC and PP edging with a primer	•••	•••	•••
Veneer edging	••	••	••
Melamine edging	•••	•••	•••
Edging of solid wood	×	×	•
Softforming	•	•	•
CNC shaped edging	×	×	×
Manual shaped edging	×	×	×
HOLZ-HER cartridge devices	×	×	×

••• very suitable •• suitable • technically possible

● Hranitherm Granules



Product name	Packing	Code
Hranitherm 608.80 Natural	5 kg	C001156
	25 kg	C001157

Hranitherm granules:
- **Filled adhesives**

Hranitherm	608.80 natural
Technical information	
Packing	5; 25 kg
Base	EVA filled
Softening range [ring and ball]	93–100 °C
Operating temperature	190–220 °C
Operating speed	4–8 m/min
Viscosity at 200 °C	Approx. 40.000–65 000 mPa·s

Application field	
ABS, PVC and PP edging with a primer	•••
Veneer edging	••
Melamine edging	•••
Edging of solid wood	••
Softforming	•••
CNC shaped edging	•
Manual shaped edging	•••
HOLZ-HER cartridge devices	×

••• very suitable •• suitable • technically possible

● Hranitherm Granules



Product name	Packing	Code
Hranitherm 600.20 Natural	5 kg	C001119
	25 kg	C001120
Hranitherm 600.21 White	5 kg	C001121
	25 kg	C001122
Hranitherm 605.20 Natural	5 kg	C001148
	25 kg	C001149
Hranitherm 605.21 White	5 kg	C001150
	25 kg	C001151

Hranitherm granules:
- Adhesives with a low melting temperature

Hranitherm	600.20 natural 600.21 white	605.20 natural 605.21 white
Technical information	● ○	● ○
Packing	5; 25 kg	5; 25 kg
Base	EVA filled	EVA filled
Softening range [ring and ball]	85–90 °C	79–83 °C
Operating temperature	160–180 °C	140–160 °C
Operating speed	8–15 m/min	8–15 m/min
Viscosity at 200 °C	Approx. 18 000–28 000 mPa·s	10.000–14 000 mPa·s
Application field		
ABS, PVC and PP edging with a primer	•••	••
Veneer edging	•••	•••
Melamine edging	•••	•••
Edging of solid wood	••	•
Softforming	••	••
CNC shaped edging	×	×
Manual shaped edging	••	•••
HOLZ-HER cartridge devices	×	×

••• very suitable •• suitable • technically possible

● Hranitherm Cartridges



Product name	Packing	Code
Hranitherm 600.70 Natural	1 cartridge	**C000089**
	Box 7.2 kg [24 cartridges]	**C000090**
Hranitherm 600.71 White	1 cartridge	**C000091**
	Box 7.2 kg [24 cartridges]	**C000092**
Hranitherm 603.00 Transparent	1 cartridge	**C000093**
	Box 6 kg [24 cartridges]	**C000094**
Hranitherm 603.01 White	1 cartridge	**C000095**
	Box 6 kg [24 cartridges]	**C000096**

Hranitherm	600.70 natural 600.71 white	603.00 transparent 603.01 white
Technical information		
Packing	1 cartridge; box 7,2 kg [24 cartridges]	1 cartridge; box 6 kg [24 cartridges]
Base	EVA slightly filled	EVA non-filled
Softening range [ring and ball]	100 °C	105–115 °C
Operating temperature	190–200 °C	190–210 °C
Operating speed	10–50 m/min	8–30 m/min
Viscosity at 200 °C	Approx. 50.000–80.000 mPa·s	60.000–85 000 mPa·s
Application field		
ABS, PVC and PP edging with a primer	•••	•••
Veneer edging	•••	•••
Melamine edging	•••	•••
Edging of solid wood	••	•
Softforming	×	×
CNC shaped edging	×	×
Manual shaped edging	×	×
HOLZ-HER cartridge devices	•••	•••
Festool cartridge devices	×	×

••• very suitable •• suitable • technically possible

● Hranitherm Cartridges



Product name	Packing	Code
Hranitherm 600.00 Natural	1 cartridge	**C000085**
	Box 8 kg [24 cartridges]	**C000086**
Hranitherm 600.01 White	1 cartridge	**C000087**
	Box 8 kg [24 cartridges]	**C000088**
Hranitherm 1000.30 Transparent	1 cartridge	**C000071**
	Box 6 kg [72 cartridges]	**C000072**
Hranitherm 1000.31 White	1 cartridge	**C000073**
	Box 6 kg [72 cartridges]	**C000074**
Hranitherm 1000.70 Natural	1 cartridge	**C000075**
	Box 7,2 kg [72 cartridges]	**C000076**
Hranitherm 1000.71 White	1 cartridge	**C000077**
	Box 7,2 kg [72 cartridges]	**C000078**

Hranitherm	**600.00 natural 600.01 white**	**1000.30 transparent 1000.31 white**	**1000.70 natural 1000.71 white**
Technical information			
Packing	1 cartridge; Box 8 kg [24 cartridges]	1 cartridge; Box 6 kg [72 cartridges]	1 cartridge; Box 7,2 kg [72 cartridges]
Base	EVA filled	EVA non-filled	EVA slightly filled
Softening range [ring and ball]	95–105 °C	105–115 °C	100 °C
Operating temperature	200–220 °C	190–210 °C	190–200 °C
Operating speed	10–50 m / min	2–4 m/min	2–4 m/min
Viscosity at 200 °C	90.000–125 000 mPa·s	60.000–85 000 mPa·s	50.000–80.000 mPa·s
Application field			
ABS, PVC and PP edging with a primer	•••	•••	•••
Veneer edging	•••	••	•••
Melamine edging	•••	•••	•••
Edging of solid wood	×	×	×
Softforming	×	×	×
CNC shaped edging	×	×	×
Manual shaped edging	×	×	×
HOLZ-HER cartridge devices	•••	×	×
Festool cartridge devices	×	•••	•••

••• very suitable •• suitable • technically possible

PUR Hot Melt Adhesives

● Hranitherm Mini-cartridges



Product name	Packing	Code
Hranitherm 10.830 Transparent	1 kg	**C000109**
Hranitherm 10.860 Natural	1 kg	**C000112**
Hranitherm 10.861 White	1 kg	**C000113**

Hranitherm	10.830 PUR transparent	10.860 PUR natural 10.861 PUR white
Technical information	⊘	⊘ ○
Packing	1 kg	1 kg
Base	PUR	PUR
Softening range according to Kofler	×	×
Operating temperature	130–150 °C	140–160 °C
Operating speed	8–30 m/min	8–30 m/min
Viscosity at 140 °C	50.000 ±15 000 mPa·s	55 000 ±15 000 mPa·s
Application field		
ABS, PVC and PP edging with a primer	•••	•••
Veneer edging	•••	•••
Melamine edging	•••	•••
Edging of solid wood	•••	•••
Softforming	••	••
CNC shaped edging	•	•
Manual shaped edging	•	•
HOLZ-HER cartridge devices	×	×

••• very suitable •• suitable • technically possible

● Hranitherm Mini-cartridges



Product name	Packing	Code
Hranitherm 10.880 PUR Transparent	1 kg	**C000716**
Hranitherm 10.881 PUR White	1 kg	**C000717**
Hranitherm 10.390 PUR LC Natural*	1 kg	**C001220**
Hranitherm 10.391 PUR LC White*	1 kg	**C001235**

Hranitherm	**10.880 PUR transparent** **10.881 PUR white**	**10.390 PUR LC natural*** **10.391 PUR LC white***
Technical information		
Packing	1 kg	1 kg
Base	PUR	PUR
Softening range [ring and ball]	×	×
Operating temperature	130–150 °C	140–160 °C
Operating speed	6–20 m/min	8–30 m/min
Viscosity at 140 °C	65 000 mPa·s	Approx. 72 500 mPa·s
Application field		
ABS, PVC and PP edging with a primer	•••	•••
Veneer edging	•••	•••
Melamine edging	•••	•••
Edging of solid wood	•••	•••
Softforming	•••	•••
CNC shaped edging	•••	•••
Manual shaped edging	•••	•••
HOLZ-HER cartridge devices	×	×

* Diisocyanate content below 0.1 %

••• very suitable •• suitable • technically possible

● Hranitherm Cartridges



Product name	Packing	Code
Hranitherm 320 PUR LC Transparent*	1,8 kg	**C001221**
Hranitherm 350 PUR Natural	2,2 kg	**C000114**
Hranitherm 351 PUR White	2,2 kg	**C000115**
Hranitherm 390 PUR LC Natural*	2 kg	**C000116**
Hranitherm 391 PUR LC White*	2 kg	**C000117**

Hranitherm	320 PUR LC transparent*	350 PUR natural 351 PUR white	390 PUR LC natural* 391 PUR LC white*
Technical information			
Packing	1,8 kg	2,2 kg	2 kg
Base	PUR	PUR	PUR
Softening range [ring and ball]	×	×	×
Operating temperature	140–160 °C	140–160 °C	140–160 °C
Operating speed	10–40 m/min	10–60 m/min	10–60 m/min
Viscosity at 140 °C	Approx. 60.000 mPa·s	Approx. 60.000 mPa·s	Approx. 72 500 mPa·s
Application field			
ABS, PVC and PP edging with a primer	•••	•••	•••
Veneer edging	•••	•••	•••
Melamine edging	•••	•••	•••
Edging of solid wood	•••	•••	•••
Softforming	•••	•••	•••
CNC shaped edging	•••	•••	•••
Manual shaped edging	•••	•••	•••
HOLZ-HER cartridge devices	×	×	×

* Diisocyanate content below 0.1 %

••• very suitable •• suitable • technically possible

● Hranitherm Cartridges



Product name	Packing	Code
Hranitherm 830 Transparent	2 kg	**C000120**
Hranitherm 850 Natural	2,5 kg	**C000121**
Hranitherm 851 White	2,5 kg	**C000122**
Hranitherm 860 Natural	2 kg	**C000123**
Hranitherm 861 White	2 kg	**C000124**

Hranitherm	830 PUR transparent	850 PUR natural 851 PUR white	860 PUR natural 861 PUR white
Technical information	⊘	○ ○	○ ○
Packing	2 kg	2,5 kg	2 kg
Base	PUR	PUR	PUR
Softening range according to Kofler	×	×	×
Operating temperature	130–150 °C	140–160 °C	140–160 °C
Operating speed	8–30 m/min	8–30 m/min	8–30 m/min
Viscosity at 140 °C	50.000 ±15 000 mPa·s	65 000 ±15 000 mPa·s	55 000 ±15 000 mPa·s
Application field			
ABS, PVC and PP edging with a primer	•••	•••	•••
Veneer edging	•••	•••	•••
Melamine edging	•••	•••	•••
Edging of solid wood	•••	•••	•••
Softforming	••	••	••
CNC shaped edging	•	•	•
Manual shaped edging	×	×	×
HOLZ-HER cartridge devices	×	×	×

••• very suitable •• suitable • technically possible


therm
390 PUR LC
HRANITHERM 390 PUR LC
REAKTIVNÍ TAVNÉ LEPIDLO PUR - NATUR
REACTIVE HOTMELT PUR ADHESIVE - NATURAL
REAKTIVER PUR SCHMELZKLEBSTOFF - NATÜRLICHE
REAKTÍVNE TAVNÉ LEPIDLO PUR - NATUR
APPLICATION TEMPERATURE: 140 - 160°C
8 596492 192375
2 kg
therm
350 PUR
HRANITHERM 350 PUR
REAKTIVNÍ TAVNÉ
LEPIDLO PUR - NATUR
REACTIVE HOTMELT
PUR ADHESIVE - NATURAL
REAKTIVER PUR
SCHMELZKLEBSTOFF - NATÜRLICHE
REAKTYVŪS PUR
KLIJAI LYDALAI - NATŪRALI
REAKTIVNO TOPLJIVO PUR
LJEPILO - PRIRODNI
APPLICATION TEMPERATURE: 140 - 160°C
8 596492 192351
2,2 kg

PO Hot Melt Adhesives

● PO Hot Melt Adhesives



Product name	Packing	Code
Hranitherm 600.58 Natural	25 kg	**C000353**
Hranitherm 601.58 White	25 kg	**C000236**

	600.58 natural	601.58 white
Technical information		
Packing	25 kg	25 kg
Base	PO slightly filled	PO slightly filled
Softening range [ring and ball]	155–165 °C	155–165 °C
Operating temperature	190–220 °C	190–220 °C
Operating speed	18–50 m/min	18–50 m/min
Viscosity at 200 °C	60.000–80.000 mPa·s	60.000–80.000 mPa·s
Application field		
ABS, PVC and PP edging with a primer	•••	•••
Veneer edging	•••	•••
Melamine edging	•••	•••
Edging of solid wood	•••	•••
Softforming	•••	•••
CNC shaped edging	•••	•••
Manual shaped edging	×	×
HOLZ-HER cartridge devices	×	×
Festool cartridge devices	×	×

••• very suitable •• suitable • technically possible

Dispersion Adhesives Hranipex

- Adhesives for bonding solid wood, veneer, HPL or dowels



● Dispersion Adhesives Hranipex



Product name	Packing	Code
Hranicoll D3 VENEER	30 kg	**C001275**
Hranicoll D3	800 ml	**C000139**
Hranicoll D3E	5 kg	**C000133**
	10 kg	**C000134**
	30 kg	**C000135**
	IBC 1050 kg	**C000391**
Hranicoll D3 SMART	5 kg	**C000136**
	10 kg	**C000685**
	30 kg	**C000138**
	IBC 1100 kg	**C000393**
Hranicoll D4	800 ml	**C000142**
	5 kg	**C000140**
	25 kg	**C000141**
Hranicoll DW	20 kg	**C000143**

	Hranicoll D3 VENEER	Hranicoll D3	Hranicoll D3E	Hranicoll D3 SMART	Hranicoll D4	Hranicoll DW
Technical information						
Packing*	30 kg	800 ml	5; 10; 30 kg; IBC 1050 kg	5; 10; 30 kg; IBC 1100 kg	800 ml; 5 kg; 25 kg	20 kg
Base	PVAc	PVAc	PVAc	PVAc	PVAc	PVAc
According to Norm EN 204	D3	D3	D3	D3	D4	×
Open time in minutes at 20 °C	4–6	5–8	10–14	12–15	8–12	8-12
Application field						
Furniture bonding	•••	•••	•••	•••	•••	×
Soft wood	•••	•••	•••	•••	•••	×
Hardwood	•••	•••	••	••	•••	×
Windows and Doors	••	••	••	••	•••	×
Flat gluing Veneers, HPL	•••	••	••	••	•••	×
3D gluing in vacuum press	×	×	×	×	×	×
Automatic gluing wooden dowels	×	×	×	×	×	•••

••• very suitable •• suitable • technically possible

* Some of the packaging might not be available in all countries. For relevant availability please check the website.

Contact Adhesives & Accessories

- For fast gluing of many kinds of materials, including non-absorbent



Contact Adhesives

● Contact Adhesives Hranipex





	Hranifix Premium	Hranifix Industry
Technical information		
Packing*	Spray 500 ml; Carton [12 pcs] 17; 47,5 kg kegs	17 kg keg
Base	Polychloroprene	Polychloroprene
Open time in minutes at 20 °C	2–5	2–5
Solids	38–42 %	28–34 %
Application		
By hand, palette-knife, brush or roller	×	×
By spraying	•••	•••
Application field		
	Suitable for the gluing of MDF, DTD, Polyurethane foam, laminates and lots of plastic materials [without plasticizers], ABS, aluminium sheets into most metals and also wood floorings, PVC and other materials. Water resistant contact, high temperature resistance 130 °C. The hose and the gun is advised to be purchased for the application process.	Suitable for the gluing of MDF, DTD, Polyurethane foam, laminates and lots of plastic materials [without plasticizers], ABS, aluminium sheets into most metals and also wood floorings, PVC and other materials. Water resistant contact, high temperature resistance 85 °C. The hose and the gun is advised to be purchased for the application process.

Product name	Packing	Code
Hranifix Premium	Spray 500 ml	**C000638**
	17 kg keg	**C000635**
	47,5 kg keg	**C000637**
Hranifix Industry	17 kg keg	**C000640**

••• very suitable •• suitable • technically possible

* Some of the packaging might not be available in all countries. For relevant availability please check the website.

● Contact Adhesives Hranipex





	Hranifix Smart	Hranifix DCM Free
Technical information		
Packing*	Spray 500 ml; Carton [12 pcs]; 17; 47,5 kg kegs	Spray 500 ml; Carton [12 pcs]; 17 kg keg
Base	Polychloroprene	Polychloroprene
Open time in minutes at 20 °C	2–5	5–10
Solids	28–32 %	38–42 %
Application		
By hand, palette-knife, brush or roller	×	×
By spraying	•••	•••
Application field		
	Designed for bonding many substrates including: decorative laminates to particle board, veneers, woods, MDF, plastics [without plasticizers], rubber, upholstery and whole host of other materials. Water resistant, temperature stability 105 °C. The hose and the gun are advised to be purchased for the application process.	Suitable for bonding wood, particle board, MDF, DTD, polyurethane foam, laminates, cardboard, most plastics [without plasticizers], ABS, aluminium sheeting and most metals, floorings from PVC and other materials. The glued joint is resistant to water and temperatures up to 130 °C. Does not contain Dichloromethane. The hose and the gun are advised to be purchased for the application process.

Product name	Packing	Code
Hranifix Smart	Spray 500 ml	**C000643**
	17 kg keg	**C000641**
	47,5 kg keg	**C000642**
Hranifix DCM Free	Spray 500 ml	**C000639**
	17 kg keg	**C000636**

••• very suitable •• suitable • technically possible

* Some of the packaging might not be available in all countries. For relevant availability please check the website.

● Contact Adhesives Hranipex





	Hranicon 30	Hranicon 50
Technical information		
Packing*	1 l; 5 l can*	1 l; 20 l can*
Base	Polychloroprene	Polychloroprene
Open time in minutes at 20 °C	3–10	3–10
Product structure	1 component liquid – higher viscosity	1 component liquid – lower viscosity
Application		
By hand, palette-knife, brush or roller	•••	••
By spraying	•	•••
Application field		
Flat bonding of MFC and MDF	•••	•••
Gluing of HPL, CPL on chipboard or MDF with cold temperature	•••	•••
Gluing of rubber, felt, foams and many plastic [without plasticizers] to metals	•••	•••
Hand shape gluing with cold temperature	•••	•

Product name	Packing	Code
Hranicon 30	Can 1 000 ml	**C000631**
	Canister 5 l	**C000632**
Hranicon 50	Can 1 000 ml	**C000633**
	Canister 20 l	**C000634**

••• very suitable •• suitable • technically possible

* Some of the packaging might not be available in all countries. For relevant availability please check the website.

Accessories

● Hranifix Hose 3.6 m



- Length 3,6 m
- Important tool for correct glue application from keg

Packing	Code
1 pc	C000644

● Hranifix Gun



- Important tool for correct glue application from keg

Packing	Code
1 pc	C000645

● Hranifix Extension Roller



- Standard or extended length available

Packing	Code
Standard [1 pc]	C000646
Extension [1 pc]	C000647

● Hranifix Cleaner for Hose and Gun



- For cleaning application hoses and guns
- Some of the packaging might not be available in all countries
- For relevant availability please check the website

Packing	Code
17 kg keg	C000199


fix
premium
HRANIFIX PREMIUM 500 ml
KONTAKTNÍ LEPIDLO
KONTAKTKLEBER
CONTACT ADHESIVE
COLLE DE CONTACT
KONTAKTNÉ LEPIDLO
KONTAKTRAGASZTÓ
500 ml
650
Hranipex
fix
DCM Free
500 ml
650
Hranipex
fix
smart
HRANIFIX SMART 500 ml
VODĚODOLNÉ KONTAKTNÍ LEPIDLO
WASSERRESISTENTER KONTAKTKLEBER
WATER-RESISTANT CONTACT ADHESIVE
COLLE DE CONTACT RÉSISTANTE À L'EAU
VODEODOLNÉ KONTAKTNÉ LEPIDLO
VÍZÁLLÓ KONTAKT RAGASZTÓ
500 ml
650
Hranipex

CONTENT

Adhesive Tapes & Accessories

- Adhesive tapes for fast and clean attachment of boards and other assembly work



Tape

● Hranitape UNI



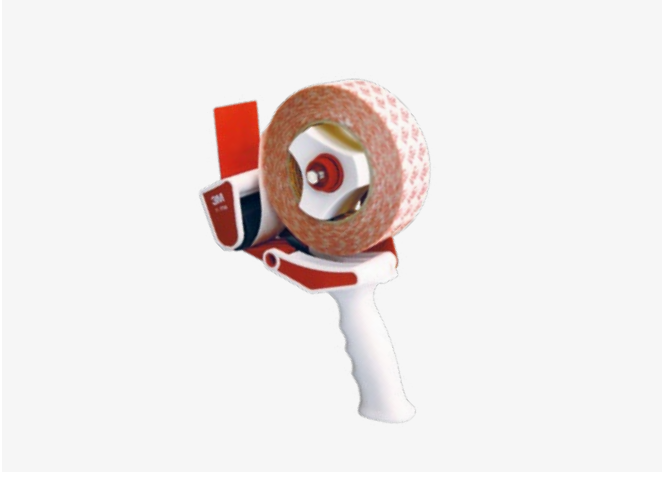
Application field:
For fixing and sticking flat materials. Suitable for both smooth and very coarse structured materials [e.g. Melamine, OSB].

	Hranitape UNI
Technical information	
Packing	1 piece
Roll	50 m
Width	15; 34 mm
Thickness	0,200 mm
Colour	Transparent

Product name	Packing	Code
Hranitape UNI	1 pc [50 m / 15 mm]	**C000656**
	1 pc [50 m / 34 mm]	**C000657**

Accessories

● Hranitape Manual Applicator



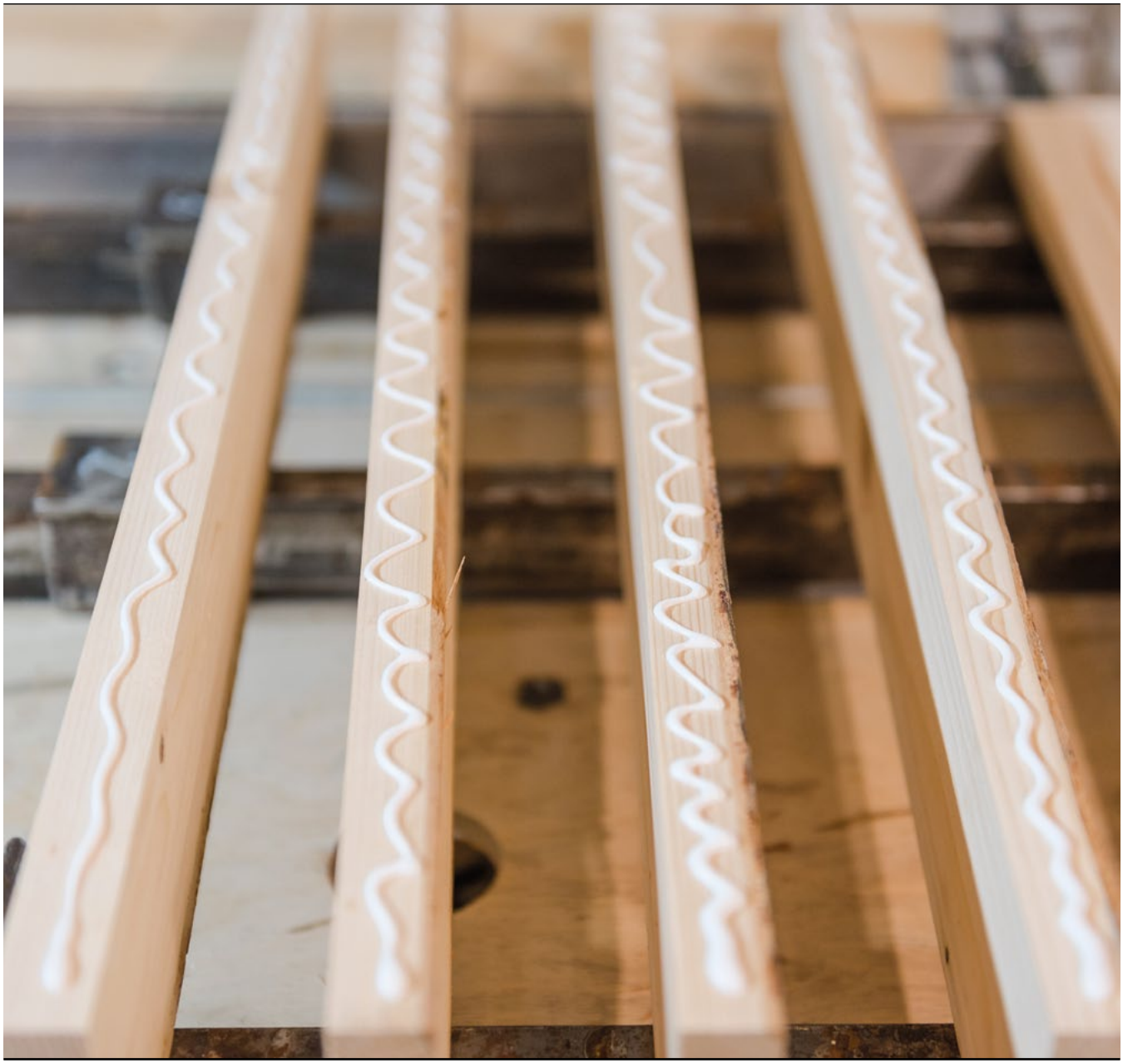
Application field:
For smooth and easy Hranitape application.

Product name	Packing	Code
Hranitape Hand-held Aplicator	1 pc	**C000655**

CONTENT

Assembly and Construction Adhesives

- Adhesives for quick gluing, sealing and assembly work



Adhesive – PUR

● Adhesive – PUR





	Hranipur 15	Hranipur 45
Technical information		
Packing	1 piece 800 g; Carton [12 pcs]	1 piece 800 g; Carton [12 pcs]
Base	PUR prepolymer	PUR prepolymer
Open time in minutes at 20 °C	15–25	25–45
Minimal pressing time in min. at 20 °C	60	120

Application field		
Soft wood assembly	••	••
Hard wood and tropical wood assembly	×	×
Flat bonding of MFC and MDF	•••	•••
Flat gluing of HPL, CPL on chipboard or MDF with cold temperature	••	••
Veneer shaping by single layer gluing	•	•
Foam polystyrene gluing	•••	•••
Gluing upon paint, metals, concrete, ceramics	•	•

Product name	Packing	Code
Hranipur 15	1 pc [800 g]	**C000150**
Hranipur 45	1 pc [800 g]	**C000151**

••• very suitable •• suitable • technically possible

● Adhesive – PUR





	Hranipur SPEED	Hranipur 05
Technical information		
Packing*	Cartridge 310 ml; Carton [12 pcs]	Cartridge 310 ml; Carton [24 pcs]
Base	PUR prepolymer	PUR prepolymer
Open time in minutes at 20 °C	0,5 [30 sec]	5–10
Minimal pressing time in min. at 20 °C	5–10	15–20
Application field		
Soft wood assembly	•••	•••
Hard wood and tropical wood assembly	•◦◦	••◦
Flat bonding of MFC and MDF	•••	•••
Flat gluing of HPL, CPL on chipboard or MDF with cold temperature	×	•◦◦
Veneer shaping by single layer gluing	×	•◦◦
Foam polystyrene gluing	•••	•••
Gluing upon paint, metals, concrete, ceramics	•◦◦	••◦

Product name	Packing	Code
Hranipur SPEED	Cartridges 310 ml	**C000152**
Hranipur 05	Cartridges 310 ml	**C000149**

••• very suitable •• suitable • technically possible

* Some of the packaging might not be available in all countries. For relevant availability please check the website.

Silicones

● Construction Adhesive







	H – silicone transparent	H – silicone white	H – silicone mirror
Technical information			
Packing	Cartridge 310 ml; Carton [15 pcs]	Cartridge 310 ml; Carton [15 pcs]	Cartridge 310 ml; Carton [12 pcs]
Base	Silicone	Silicone	Alcoxy silicone
Type of curing	Acetate	Acetate	Neutral alcoxy group
Processing time	Approx. 25 min	Approx. 25 min	Approx. 10 min
Curing time	2 mm / 24 h [relative humidity 55 %]	2 mm / 24 h [relative humidity 55 %]	2 mm / 24 h [relative humidity 55 %]
Application's temperature	From 5 to 40 °C	From 5 to 40 °C	From 5 to 40 °C
Thermal resistance	From –40 to +180 °C	From –40 to +180 °C	From –40 to +180 °C
Application field			
	Versatile use, suitable for glazing, sealing partition walls, window niches etc. Not suitable for bonding mirrors, aquariums and natural stone or unprotected metals.	Versatile use, suitable for glazing, sealing partition walls, window niches etc. Not suitable for bonding mirrors, aquariums and natural stone or unprotected metals.	Suitable for attaching decorative mirrors on different substrates such as glaze, glass, plaster, concrete, OSB board, wood, plywood, etc. It is also useful for bonding mirror mosaics [mirror to mirror], mirrors in bathrooms and on substrates which may be subject to vibration and tension.

Product name	Packing	Code
H – silicone transparent	Cartridge 310 ml	**C000158**
H – silicone white	Cartridge 310 ml	**C000159**
H – silicone mirror	Cartridge 310 ml	**C000160**

Polymers

● Construction Adhesive





	H – polymer MS white, black, transparent	H-polymer STP transparent
Technical information	○ ● ▨	▨
Packing*	Cartridge 290 ml; Carton [15 pcs]	Cartridge 290 ml; Carton [15 pcs]
Base	Hybrid polymer	Hybrid polymer
Type of curing	Neutral alcoxy group	Neutral alcoxy group
Processing time	Approx. 6 min	Approx. 6 min
Curing time	2–3 mm / 24 h	2–3 mm / 24 h
Application's temperature	From 5 to 35 °C	From 5 to 35 °C
Thermal resistance	From –40 to +90 °C	From –40 to +90 °C
Application field		
	Suitable for bonding and sealing all building materials – stone, wood, concrete, metal, bricks, glass, ceramics, plaster, polyurethane, plastics, plywood, etc. It is also suitable for elastic joints in vibrating structures, for connection elements made of galvanized steel sheet, brass and other metals.	Suitable for bonding and sealing in interiors and exteriors, resistant to extreme weather conditions and UV radiation. Usable for most materials [mirrors, aluminium, polycarbonate, wood, plastics, building materials], water resistant, transparent.

Product name	Packing	Code
H – polymer MS transparent	Cartridge 290 ml	**C000156**
H – polymer MS white	Cartridge 290 ml	**C000154**
H – polymer MS black	Cartridge 290 ml	**C000155**
H – polymer STP transparent	Cartridge 290 ml	**C000157**

*** Some of the packaging might not be available in all countries. For relevant availability please check the website.**

Accessories

● Hranipex Application Pistol



High quality application pistols designed for longterm application without effort [efficient gearing]. Also very suitable for application of H-silicones and H-polymers.

Product name	Packing	Code
Hranigun – Assembly Gun for Silicones and Polymers	1 pc	**C000153**

CONTENT

Cleaning Agents

With our cleaners, you will hand over your furniture to your customers in perfect condition, and your machines and tools will also be perfectly cleaned. In addition to cleaning agents for machine and manual cleaning, we offer separating liquids and small accessories.



● **Cleaning Agents Hranipex** **18.3**
Manual Cleaning Agents 18.4
Machine Cleaning Agents 18.9
Cleaning Agents for PUR 18.11
Accessories 18.12

● **Cleaning Agents Riepe** **18.13**
Machine Cleaning Agents 18.14

CONTENT

Cleaning Agents Hranipex

- For manual cleaning



Manual Cleaning Agents

● Hraniclean 01



- Manual cleaner for cleaning plastics

Special, hydrocarbon and alcohol-based Hraniclean 01 cleaner does not contain aggressive solvents. The Hraniclean 01 for cleaning plastics features: strong cleaning power, fast drying, evaporation without any residues and nice citrus smell. It leaves no greasy marks and it can clean glue residue, pencil and marker pen marks.

To clean, use a clean HRANIWIPE Microfibre cloth.

Product name	Packing*	Code
Hraniclean 01	1 l	C000200
	5 l	C000201
	20 l	C000202

● Hraniclean 03



- Cleaner non-hardened PUR adhesives

Removes and dissolves uncured polyurethane-based adhesives [PUR adhesives]. The product, which is intended to clean tools, can be used to remove the PUR foam and PUR adhesives from other materials; because of the aggressive nature of the remover, however, it is necessary that the remover is tested first.

Product name	Packing*	Code
Hraniclean 03	1 l	C000203

* Some of the packaging might not be available in all countries. For relevant availability please check the website.

● Hraniclean 04



- Cleaner hardened PUR adhesives

Dissolves cured polyurethane-based adhesives [PUR adhesives]. The product, which is intended to clean tools, acts over several minutes because of cured polyurethane adhesives resistance. The remover does not dissolve the adhesive completely, but it can release it from the tool surface.

In exceptional cases, it can be used to clean other materials, however, always after performing tests.

Product name	Packing*	Code
Hraniclean 04	1 l	**C000204**

● Hraniclean 05



- Cleaner of joinery tools

Removes grease and resins. It is suitable for saw blades, drills, milling cutters, machine covers, etc. Prolonged action can damage some painted surfaces and aluminium alloys.

Product name	Packing*	Code
Hraniclean 05	1 l	**C000205**
	5 l	**C000206**

* Some of the packaging might not be available in all countries. For relevant availability please check the website.

● Hraniclean 07



- Concentrated cleaning agent for PVAc glue and paints

Swells and releases the dried water-based varnishes, paints and PVAc adhesives. Cleans painted units, printing forms, circulation areas, floors, tools, etc. Do not use as a concentrate, the undiluted remover does not work! How to dilute with water: the ratio of 1:5 is suitable for highly stubborn deposits, the ratio of 1:14 is suitable for dried weaker deposits, and the ratios from 1:30 to 1:60 are suitable for non-dried deposits. Apply the remover to the surface to be cleaned [dip], leave to act for a few minutes, wipe with a cloth and wash with water.

Product name	Packing*	Code
Hraniclean 07	1 l	**C000207**
	20 l	**C000208**

● Hraniclean 08



- Cleaning agent for sensitive surfaces

Hand cleaner of high gloss furniture parts and sensitive or dark surfaces. It leaves no coating on the cleaned surface, evaporates quickly. To clean, use a clean HRANIWIPE Microfibre cloth. Test before using.

Product name	Packing*	Code
Hraniclean 08	Spray 200 ml	Code on request
	Spray 600 ml	Code on request
	1 l	**C000212**
	5 l	**C000213**
	20 l	**C000214**

* Some of the packaging might not be available in all countries. For relevant availability please check the website.

● Hraniclean SEP 11



- Releasing agent for PVAc adhesives

On treated surfaces, the separating liquid creates a thin film, which prevents the PVAc adhesives to stick. Before using, dilute with water in a ratio of 1:4, apply to treated surfaces and allows to dry.

Product name	Packing*	Code
Hraniclean SEP 11	1 l	C000227

● Hraniclean KLZ 21





- Slipping agent for planing machines

The lubricant is a low viscosity product that creates long-acting film, thereby allowing a smooth move shift of wood on a planing bench. Apply the lubricant in small quantities on the planing bench and spread thoroughly with a textile cloth. The lubricant has a cleaning effect on resins, Vaseline and fats. It may break up some rubber seals and rubber parts. Items contaminated with the lubricant should be washed with water and regular detergent. It does not contain any VOC substances.

Product name	Packing*	Code
Hraniclean KLZ 21	1 l	C000216
	5 l	C000217

* Some of the packaging might not be available in all countries. For relevant availability please check the website.

● Hraniclean Soft Line



- Cleaning agent for daily cleaning of furniture surfaces

Hraniclean Soft Line is a household cleaner with a delicate citrus scent for everyday use. Suitable for cleaning furniture surfaces [laminated, high gloss and matt], glasses and mirrors. It also removes fingerprints from surfaces and finishes with a natural look of furniture thanks to the active foam.

Product name	Packing*	Code
	Spray 500 ml	Code on request
Hraniclean Soft Line	5 l	**C000701**
	20 l	**C001249**



Machine Cleaning Agents

● Hraniclean 101



Ethanol-based release agent prevents adhesive buildup [PUR, EVA, PO], cutting downtime and extra cleaning costs.

Product name	Packing	Code
Hraniclean 101	5 l	C000182
	20 l	C000183

● Hraniclean 103



Blue anti-static coolant keeps edges clean, tools protected, and sensors chip-free.

Product name	Packing	Code
Hraniclean 103	5 l	C000184
	20 l	C000185

● Hraniclean 104



Versatile release agent reduces friction and protects delicate surfaces during edgebanding.

Product name	Packing	Code
Hraniclean 104	5 l	C000186
	20 l	C000187

● Hraniclean 106



Red cleaning agent removes residue, ensuring a spotless finish before buffing.

Product name	Packing	Code
Hraniclean 106	5 l	C000188
	20 l	C000189

Cleaning Agents for PUR

● PUR Cleaner 890



- Base: EVA
- Recommended application: In melting vessel

Application field	
Regular maintenance of melting and application devices working with hot melt adhesives on the EVA base	•··
Regular maintenance of melting and application devices working with hot melt adhesives on the PUR base	•••
Cleaning of tools, melting and application devices contaminated with hardened PUR fusible glue	×

Product name	Packing*	Code
PUR Cleaner 890	5 kg granules	**C000176**
	20 kg granules	**C000177**
	1,7 kg Cartridge	**C000175**

● PUR Cleaner 892 HL



- Base: Polyesterpolyol
- Recommended application: In melting vessel

Application field	
Regular maintenance of melting and application devices working with hot melt adhesives on the EVA base	•··
Regular maintenance of melting and application devices working with hot melt adhesives on the PUR base	•••
Cleaning of tools, melting and application devices contaminated with hardened PUR fusible glue	•••

Product name	Packing*	Code
PUR Cleaner 892 HL	10 kg	**C000179**

••• very suitable •• suitable • technically possible

Accessories

● Hraniclean – Drain Tap



- For 20 and 30 litre plastic canisters

Product name	Packing	Code
Hraniclean – Drain Tap	1 pc	**C000691**

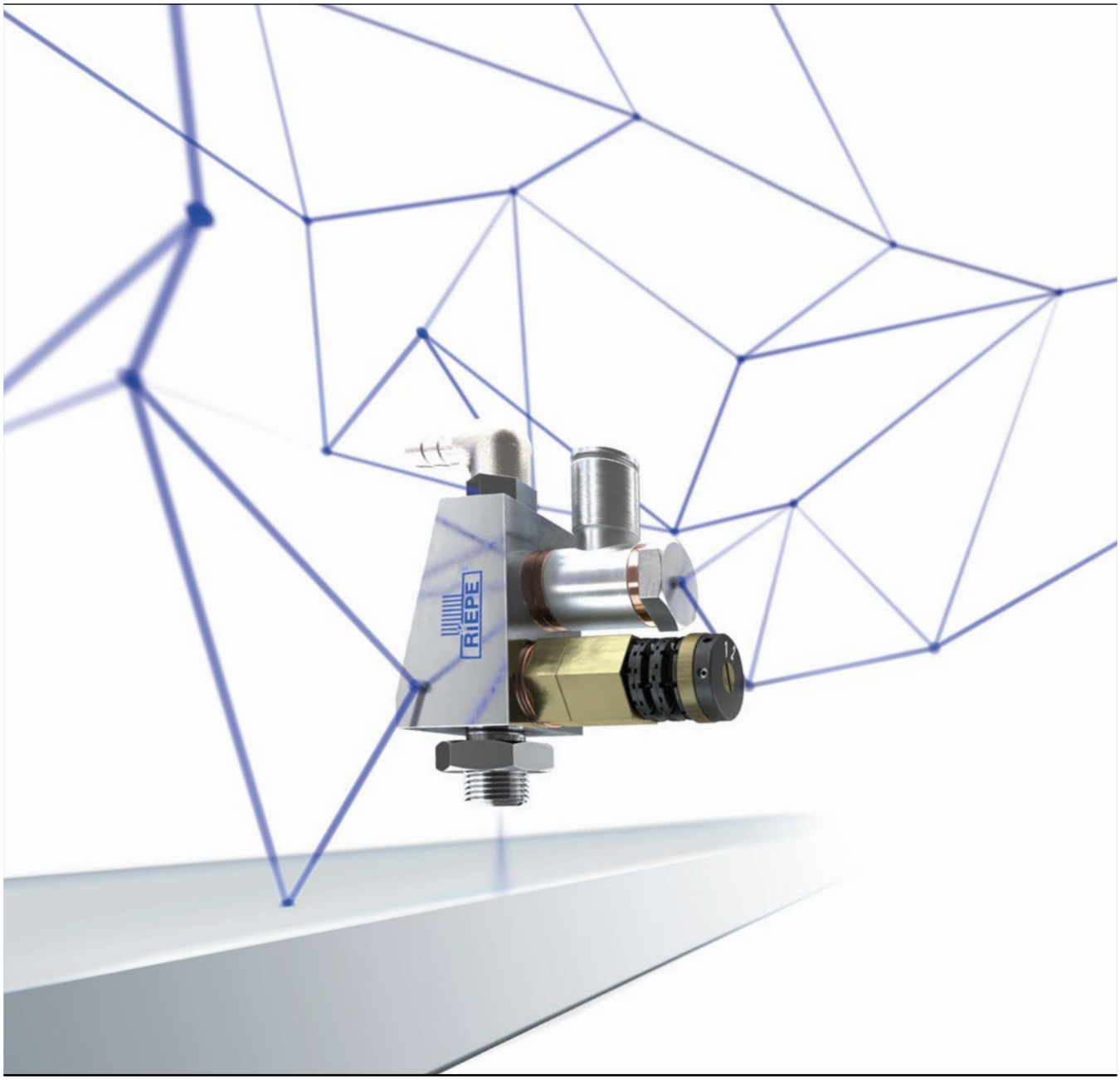
● Hraniwipe – Microfibre Cloth



- For final cleaning of furniture parts with manual cleaning agents

Product name	Packing	Code
Hraniwipe – Microfibre Cloth	1 pc	**C000174**

Cleaning Agents Riepe



Machine Cleaning Agents

● Release Agent LPZ/II [RI 001]



Using the Riepe Fine Nozzles, the Release Agent is applied to the top and bottom side of the workpiece inside the edgebanding machine. It is applied prior to the pre-milling with a very thin layer. This prevents adhesive from sticking to the workpiece so that no manual cleaning is needed anymore.

Product name	Packing	Code
Release Agent LPZ/II [RI 001]	10 l	C000190
	30 l	C000191

● Lubricant NFLY [RI 004]



By spraying it to the pressure rollers in intervals it prevents adhesive from sticking to the pressure rollers. This makes cleaning them a lot easier. It can also be sprayed directly onto delicate edges which prevents markings, and it prevents protection foils from peeling of inside the machine.

Product name	Packing	Code
Lubricant NFLY [RI 004]	500 ml spray	C000219
	10 l	C000192
	30 l	C000193

● Antistatic Coolant Agent LP289/99 [RI 403]



Especially when using PUR-Hotmelts the Riepe Antistatic Coolant Agent is required to quickly cool down the glue joint after the edge was applied to the board. The subsequent tools work directly in a solid material due to cooling-effect and no longer become clogged with adhesive.

Product name	Packing	Code
Antistatic Coolant Agent LP289/99 [RI 403]	10 l	C000196
	30 l	C000197

● Cleaning Agent LP163/93 [RI 006]



Right before the flat scrapers the Cleaning Agent is sprayed to the top and bottom side of the workpiece. The Agent dissolves the previously applied Release Agent and any adhesive residue. These will then be cleaned off by the following buffing wheels. The result: A clean workpiece in Finish-Quality!

Product name	Packing	Code
Cleaning Agent LP163/93 [RI 006]	10 l	C000194
	30 l	C000195


RIEPE
ELEKTRONIK & APPARATEBAU
3 bar / 44 psi
RIEPE
Made in Germany
REINIGUNGSMITTEL
LP163/93®
2 Liter
UN1993
RIEPE
Made in Germany
REINIGUNGSMITTEL
LP163/93®
2 Liter
UN1993

C000071	17.10	C000196	18.15	C001156	17.7	F000094	2.28	F000186	1.4	F000286	1.52	F000582	11.5	F000657	1.9
C000072	17.10	C000197	18.15	C001157	17.7	F000095	2.28	F000187	1.4	F000287	1.52	F000583	11.5	F000658	1.9
C000073	17.10	C000199	17.23	C001159	17.5	F000096	2.28	F000188	1.5	F000295	1.50	F000584	11.5	F000659	1.9
C000074	17.10	C000219	18.14	C001160	17.5	F000097	2.28	F000189	1.5	F000296	1.50	F000585	11.5	F000660	1.9
C000075	17.10	C000236	17.16	C001161	17.5	F000098	2.28	F000190	1.5	F000297	1.50	F000586	11.5	F000661	1.9
C000076	17.10	C000353	17.16	C001162	17.5	F000099	2.28	F000191	1.5	F000298	1.50	F000587	11.5	F000662	1.9
C000077	17.10	C000391	17.18	C001163	17.5	F000100	2.28	F000192	1.5	F000299	1.50	F000588	11.5	F000663	1.9
C000078	17.10	C000393	17.18	C001220	17.12	F000102	2.28	F000193	1.5	F000300	1.50	F000589	11.6	F000664	1.9
C000085	17.10	C000631	17.22	C001221	17.13	F000103	2.28	F000194	1.5	F000301	1.50	F000590	11.6	F000665	1.9
C000086	17.10	C000632	17.22	C001235	17.12	F000104	2.28	F000195	1.5	F000339	5.4	F000591	11.8	F000666	1.9
C000087	17.10	C000633	17.22	C001275	17.18	F000107	2.31	F000196	1.5	F000341	5.4	F000592	11.8	F000667	1.9
C000088	17.10	C000634	17.22	C110045	17.4	F000108	2.31	F000197	1.6	F000342	5.4	F000593	11.8	F000668	1.15
C000089	17.9	C000635	17.20	F000001	2.11	F000111	2.32	F000198	1.6	F000343	5.4	F000594	11.7	F000669	1.15
C000090	17.9	C000636	17.21	F000006	2.11	F000112	2.32	F000199	1.6	F000344	5.4	F000595	11.7	F000670	1.15
C000091	17.9	C000637	17.20	F000007	2.11	F000115	2.33	F000200	1.6	F000345	3.27	F000596	11.7	F000671	1.15
C000092	17.9	C000638	17.20	F000008	2.13	F000116	2.33	F000201	1.6	F000346	3.27	F000597	11.8	F000672	1.16
C000093	17.9	C000639	17.21	F000009	2.13	F000117	2.33	F000202	1.6	F000347	3.27	F000598	11.8	F000673	1.16
C000094	17.9	C000640	17.20	F000010	2.13	F000118	2.33	F000203	1.6	F000348	3.27	F000600	1.10	F000674	1.16
C000095	17.9	C000641	17.21	F000011	2.13	F000123	2.29	F000204	1.6	F000349	3.27	F000601	1.10	F000675	1.16
C000096	17.9	C000642	17.21	F000012	2.13	F000124	2.29	F000208	1.7	F000350	3.27	F000602	1.10	F000676	1.15
C000109	17.11	C000643	17.21	F000013	2.13	F000125	2.30	F000209	1.7	F000351	3.27	F000603	1.10	F000677	1.15
C000112	17.11	C000644	17.23	F000015	2.11	F000126	2.30	F000210	1.7	F000352	3.27	F000604	1.10	F000678	1.16
C000113	17.11	C000645	17.23	F000016	2.12	F000127	2.34	F000211	1.7	F000353	3.27	F000605	1.10	F000679	1.16
C000114	17.13	C000646	17.23	F000017	2.11	F000128	2.34	F000213	1.4	F000354	3.27	F000606	1.10	F000680	1.16
C000115	17.13	C000647	17.23	F000027	2.14	F000129	2.36	F000214	1.4	F000356	3.28	F000607	1.10	F000681	1.16
C000116	17.13	C000655	17.26	F000029	2.14	F000130	2.35	F000215	1.4	F000357	3.28	F000609	1.10	F000682	1.17
C000117	17.13	C000656	17.26	F000030	2.15	F000131	2.35	F000216	1.4	F000358	3.28	F000610	1.10	F000684	1.17
C000120	17.14	C000657	17.26	F000031	2.15	F000136	2.37	F000217	1.4	F000359	3.28	F000611	1.10	F000686	1.17
C000121	17.14	C000685	17.18	F000032	2.15	F000137	2.37	F000218	1.4	F000360	3.28	F000612	1.10	F000687	1.17
C000122	17.14	C000716	17.12	F000033	2.15	F000138	2.38	F000219	1.4	F000361	3.28	F000613	1.10	F000688	1.17
C000123	17.14	C000717	17.12	F000034	2.16	F000139	2.38	F000220	1.4	F000362	3.28	F000614	1.10	F000689	1.17
C000124	17.14	C001110	17.6	F000035	2.16	F000143	2.18	F000221	1.4	F000363	3.28	F000615	1.10	F000690	1.17
C000133	17.18	C001111	17.6	F000036	2.16	F000145	2.18	F000222	1.5	F000364	3.30	F000616	1.10	F000691	1.12
C000134	17.18	C001112	17.6	F000037	2.16	F000150	1.51	F000223	1.5	F000365	3.30	F000617	1.14	F000691	1.17
C000135	17.18	C001113	17.6	F000038	2.17	F000151	1.51	F000224	1.5	F000366	3.29	F000618	1.14	F000693	1.18
C000136	17.18	C001115	17.6	F000039	2.17	F000152	1.51	F000225	1.5	F000367	1.64	F000619	1.13	F000696	1.18
C000138	17.18	C001116	17.6	F000040	2.17	F000153	1.51	F000226	1.5	F000368	1.64	F000620	1.13	F000699	1.18
C000139	17.18	C001117	17.6	F000043	2.19	F000154	1.51	F000227	1.5	F000369	1.64	F000621	1.14	F000701	1.18
C000140	17.18	C001118	17.6	F000044	2.19	F000155	1.51	F000228	1.5	F000370	1.64	F000622	1.14	F000704	1.18
C000141	17.18	C001119	17.8	F000045	2.19	F000156	1.53	F000229	1.5	F000545	1.73	F000623	1.11	F000707	1.18
C000142	17.18	C001120	17.8	F000046	2.19	F000157	1.53	F000230	1.5	F000546	1.73	F000624	1.11	F000716	1.20
C000143	17.18	C001121	17.8	F000047	2.19	F000158	1.53	F000231	1.6	F000547	1.73	F000625	1.11	F000717	1.20
C000149	17.29	C001122	17.8	F000048	2.19	F000159	1.53	F000232	1.6	F000548	1.73	F000627	1.11	F000718	1.20
C000150	17.28	C001123	17.4	F000049	2.19	F000160	1.53	F000233	1.6	F000549	1.73	F000628	1.11	F000719	1.20
C000151	17.28	C001124	17.4	F000050	2.20	F000161	1.53	F000234	1.6	F000550	1.73	F000629	1.11	F000720	1.20
C000152	17.29	C001125	17.4	F000051	2.20	F000162	1.48	F000235	1.6	F000551	1.73	F000631	1.11	F000721	1.20
C000153	17.32	C001126	17.4	F000053	2.20	F000163	1.48	F000236	1.6	F000552	1.73	F000632	1.11	F000722	1.20
C000154	17.31	C001128	17.4	F000054	2.20	F000164	1.48	F000237	1.6	F000553	1.73	F000633	1.11	F000723	1.20
C000155	17.31	C001129	17.4	F000058	2.21	F000165	1.48	F000238	1.6	F000554	1.73	F000635	1.12	F000724	1.20
C000156	17.31	C001134	17.6	F000060	2.22	F000166	1.48	F000242	1.7	F000555	1.73	F000636	1.12	F000725	1.20
C000157	17.31	C001135	17.6	F000061	2.22	F000167	1.48	F000243	1.7	F000556	1.73	F000637	1.12	F000726	1.20
C000158	17.30	C001136	17.5	F000063	2.21	F000168	1.48	F000244	1.7	F000557	1.73	F000638	1.12	F000727	1.20
C000159	17.30	C001137	17.5	F000065	2.23	F000169	1.48	F000245	1.7	F000558	1.73	F000639	1.12	F000729	1.19
C000160	17.30	C001138	17.5	F000066	2.23	F000171	1.49	F000250	1.4	F000561	1.73	F000640	1.12	F000732	1.19
C000182	18.9	C001139	17.5	F000068	2.23	F000172	1.49	F000251	1.4	F000562	1.73	F000641	1.12	F000735	1.19
C000183	18.9	C001140	17.5	F000069	2.23	F000173	1.49	F000252	1.4	F000563	1.73	F000642	1.12	F000736	1.20
C000184	18.9	C001141	17.5	F000071	2.21	F000174	1.49	F000259	1.5	F000564	1.73	F000643	1.12	F000737	1.20
C000185	18.9	C001144	17.4	F000074	2.24	F000175	1.49	F000260	1.5	F000565	1.73	F000644	1.12	F000738	1.20
C000186	18.10	C001146	17.4	F000077	2.24	F000176	1.49	F000261	1.5	F000566	1.73	F000645	1.12	F000739	1.20
C000187	18.10	C001147	17.4	F000079	2.25	F000177	1.49	F000267	1.6	F000569	11.4	F000646	1.12	F000740	1.20
C000188	18.10	C001148	17.8	F000081	2.25	F000178	1.49	F000268	1.6	F000570	11.4	F000648	1.9	F000741	1.20
C000189	18.10	C001149	17.8	F000082	2.25	F000179	1.4	F000269	1.6	F000571	11.4	F000649	1.9	F000742	1.20
C000190	18.14	C001150	17.8	F000084	2.26	F000180	1.4	F000276	1.7	F000572	11.4	F000650	1.9	F000743	1.20
C000191	18.14	C001151	17.8	F000085	2.26	F000181	1.4	F000277	1.7	F000577	11.4	F000651	1.9	F000744	1.20
C000192	18.14	C001152	17.4	F000087	2.26	F000182	1.4	F000282	1.52	F000578	11.4	F000652	1.9	F000745	1.20
C000193	18.14	C001153	17.4	F000088	2.26	F000183	1.4	F000283	1.52	F000579	11.4	F000653	1.9	F000746	1.69
C000194	18.15	C001154	17.4	F000090	2.27	F000184	1.4	F000284	1.52	F000580	11.4	F000654	1.9	F000747	1.69
C000195	18.15	C001155	17.4	F000093	2.28	F000185	1.4	F000285	1.52	F000581	11.5	F000655	1.9	F000748	1.69

F000749	1.69	F000821	1.59	F000904	6.4	F000983	9.15	F001205	9.18	F001278	4.23	F001362	14.11	F001459	4.80
F000750	1.69	F000822	11.11	F000905	6.4	F000984	9.15	F001206	9.18	F001279	4.23	F001363	14.11	F001460	4.80
F000751	1.69	F000823	11.11	F000910	6.5	F000985	9.15	F001207	9.18	F001280	4.23	F001371	14.11	F001461	4.80
F000752	1.69	F000824	11.11	F000911	6.5	F000986	9.15	F001208	10.30	F001281	4.23	F001372	14.11	F001462	4.80
F000754	1.70	F000825	11.11	F000912	6.5	F000987	9.15	F001209	10.30	F001282	4.23	F001379	14.11	F001463	4.80
F000755	1.70	F000826	11.11	F000913	6.5	F000988	9.15	F001212	10.29	F001283	4.23	F001380	14.11	F001464	4.80
F000756	1.70	F000827	11.11	F000914	6.5	F000989	9.15	F001213	10.29	F001284	4.23	F001383	14.11	F001465	4.80
F000757	1.70	F000828	11.20	F000915	6.5	F000990	9.15	F001214	10.29	F001285	4.23	F001384	14.11	F001466	4.80
F000759	1.71	F000829	11.20	F000916	6.5	F000991	9.15	F001218	10.45	F001286	4.23	F001385	14.11	F001467	4.80
F000760	1.71	F000830	11.20	F000917	6.5	F000992	9.15	F001219	10.45	F001287	4.23	F001386	14.11	F001468	4.80
F000761	1.71	F000831	11.19	F000918	6.5	F000993	9.15	F001220	10.45	F001288	4.23	F001387	14.11	F001469	4.80
F000762	1.71	F000832	11.19	F000919	6.5	F000994	9.15	F001221	10.49	F001289	4.23	F001388	14.11	F001470	4.80
F000763	1.71	F000834	11.13	F000920	6.5	F000995	9.15	F001222	10.49	F001290	4.23	F001389	14.11	F001471	4.80
F000764	1.71	F000835	11.13	F000921	6.5	F000996	9.15	F001223	10.49	F001291	4.23	F001390	14.11	F001472	4.80
F000765	1.71	F000836	11.13	F000922	6.3	F000997	9.15	F001224	10.49	F001292	4.23	F001391	14.11	F001473	4.80
F000766	1.69	F000837	11.13	F000923	6.3	F000998	9.15	F001225	10.49	F001293	4.23	F001392	14.11	F001474	4.80
F000767	1.69	F000838	5.38	F000924	6.3	F000999	9.15	F001226	4.21	F001294	4.23	F001393	14.11	F001475	4.80
F000768	1.69	F000839	5.38	F000925	6.3	F001000	9.15	F001227	4.21	F001295	4.23	F001394	14.11	F001476	4.80
F000769	1.69	F000840	5.38	F000926	6.3	F001001	9.15	F001228	4.21	F001296	4.23	F001395	14.11	F001477	4.80
F000770	1.69	F000841	5.38	F000932	5.8	F001002	9.15	F001229	4.21	F001297	4.23	F001396	14.11	F001478	4.80
F000771	1.69	F000842	5.38	F000933	5.8	F001003	9.15	F001230	4.21	F001298	4.23	F001397	14.11	F001479	4.80
F000772	1.69	F000843	5.38	F000934	5.8	F001004	9.15	F001231	4.21	F001299	4.23	F001398	14.11	F001480	4.80
F000774	1.70	F000844	5.39	F000937	5.8	F001005	9.15	F001232	4.21	F001300	4.23	F001399	14.11	F001481	4.80
F000775	1.70	F000845	5.39	F000938	5.8	F001006	9.15	F001233	4.21	F001301	4.23	F001408	14.12	F001482	4.80
F000776	1.70	F000846	5.39	F000939	11.9	F001007	9.15	F001234	4.21	F001302	4.23	F001410	14.12	F001483	4.80
F000777	1.70	F000847	5.39	F000940	11.9	F001008	9.15	F001235	4.21	F001303	4.23	F001411	14.12	F001484	4.80
F000779	1.71	F000848	5.38	F000941	11.9	F001009	9.15	F001236	4.21	F001304	4.23	F001417	4.80	F001485	4.80
F000780	1.71	F000849	5.38	F000942	11.9	F001010	9.15	F001237	4.21	F001305	4.23	F001418	4.80	F001486	4.80
F000781	1.71	F000850	5.38	F000943	11.9	F001011	9.15	F001238	4.21	F001306	4.23	F001419	4.80	F001487	4.81
F000782	1.71	F000851	5.38	F000944	11.9	F001012	9.15	F001239	4.21	F001307	4.23	F001420	4.80	F001488	4.81
F000783	1.71	F000852	5.39	F000945	11.9	F001013	9.15	F001240	4.21	F001308	4.23	F001421	4.80	F001489	4.81
F000784	1.71	F000853	5.39	F000946	11.9	F001014	9.15	F001241	4.21	F001309	4.23	F001422	4.80	F001490	4.81
F000785	1.71	F000854	5.39	F000947	11.10	F001015	9.15	F001242	4.21	F001310	4.23	F001423	4.80	F001491	4.81
F000786	1.72	F000855	5.39	F000948	11.10	F001016	9.15	F001243	4.21	F001311	4.23	F001424	4.80	F001492	4.81
F000787	1.72	F000856	5.46	F000949	11.10	F001017	9.15	F001244	4.21	F001312	4.23	F001425	4.80	F001493	4.81
F000788	1.72	F000857	5.46	F000950	11.10	F001018	9.15	F001245	4.21	F001313	4.23	F001426	4.80	F001494	4.81
F000789	1.72	F000858	5.46	F000951	9.15	F001019	9.15	F001246	4.21	F001314	4.23	F001427	4.80	F001495	4.81
F000790	1.72	F000859	5.46	F000952	9.15	F001020	9.16	F001247	4.21	F001315	4.23	F001428	4.80	F001496	4.81
F000791	1.72	F000864	5.40	F000953	9.15	F001021	9.16	F001248	4.21	F001316	14.12	F001429	4.80	F001497	4.81
F000792	1.72	F000865	5.40	F000954	9.15	F001022	9.16	F001249	4.21	F001317	14.12	F001430	4.80	F001498	4.81
F000793	1.72	F000867	5.40	F000955	9.15	F001023	9.16	F001250	4.21	F001318	14.12	F001431	4.80	F001499	4.81
F000794	1.72	F000868	5.40	F000956	9.15	F001024	9.16	F001251	4.21	F001319	14.12	F001432	4.80	F001500	4.81
F000795	1.72	F000870	5.40	F000957	9.15	F001025	9.16	F001252	4.21	F001321	14.12	F001433	4.80	F001501	4.81
F000796	1.72	F000871	5.40	F000958	9.15	F001026	9.16	F001253	4.21	F001322	14.12	F001434	4.80	F001502	4.81
F000797	1.72	F000876	5.40	F000959	9.15	F001027	9.16	F001254	4.21	F001323	14.12	F001435	4.80	F001503	4.81
F000798	1.60	F000877	5.40	F000960	9.15	F001028	9.16	F001255	4.21	F001325	14.12	F001436	4.80	F001504	4.81
F000799	1.60	F000878	5.40	F000961	9.15	F001029	9.16	F001256	4.23	F001326	14.12	F001437	4.80	F001505	4.81
F000800	1.60	F000879	5.40	F000962	9.15	F001096	11.14	F001257	4.23	F001327	14.12	F001438	4.80	F001506	4.81
F000801	1.60	F000880	5.40	F000963	9.15	F001097	11.14	F001258	4.23	F001329	14.12	F001439	4.80	F001507	4.81
F000802	1.60	F000881	5.40	F000964	9.15	F001099	11.14	F001259	4.23	F001330	14.12	F001440	4.80	F001508	4.81
F000803	1.60	F000886	5.40	F000965	9.15	F001100	11.14	F001260	4.23	F001335	14.11	F001441	4.80	F001509	4.81
F000804	1.60	F000887	5.40	F000966	9.15	F001117	11.15	F001261	4.23	F001341	14.11	F001442	4.80	F001510	4.81
F000805	1.60	F000888	5.40	F000967	9.15	F001118	11.15	F001262	4.23	F001342	14.11	F001443	4.80	F001511	4.81
F000806	1.60	F000889	5.40	F000968	9.15	F001119	11.15	F001263	4.23	F001343	14.11	F001444	4.80	F001512	4.81
F000807	1.60	F000890	6.4	F000969	9.15	F001120	11.15	F001264	4.23	F001344	14.11	F001445	4.80	F001513	4.81
F000808	1.56	F000891	6.4	F000970	9.15	F001121	11.15	F001265	4.23	F001345	14.11	F001446	4.80	F001514	4.81
F000809	1.56	F000892	6.4	F000971	9.15	F001122	11.15	F001266	4.23	F001346	14.11	F001447	4.80	F001515	4.81
F000810	1.56	F000893	6.4	F000972	9.15	F001123	11.16	F001267	4.23	F001347	14.11	F001448	4.80	F001516	4.81
F000811	1.56	F000894	6.4	F000973	9.15	F001124	11.16	F001268	4.23	F001348	14.11	F001449	4.80	F001517	4.81
F000812	1.56	F000895	6.4	F000974	9.15	F001125	11.16	F001269	4.23	F001351	14.11	F001450	4.80	F001518	4.81
F000813	1.56	F000896	6.4	F000975	9.15	F001127	11.16	F001270	4.23	F001353	14.11	F001451	4.80	F001519	4.81
F000814	1.56	F000897	6.4	F000976	9.15	F001198	9.18	F001271	4.23	F001354	14.11	F001452	4.80	F001520	4.81
F000815	1.59	F000898	6.4	F000977	9.15	F001199	9.18	F001272	4.23	F001355	14.11	F001453	4.80	F001521	4.81
F000816	1.59	F000899	6.4	F000978	9.15	F001200	11.11	F001273	4.23	F001356	14.11	F001454	4.80	F001522	4.81
F000817	1.59	F000900	6.4	F000979	9.15	F001201	9.17	F001274	4.23	F001357	14.11	F001455	4.80	F001523	4.81
F000818	1.59	F000901	6.4	F000980	9.15	F001202	9.17	F001275	4.23	F001358	14.11	F001456	4.80	F001524	4.81
F000819	1.59	F000902	6.4	F000981	9.15	F001203	9.17	F001276	4.23	F001359	14.11	F001457	4.80	F001525	4.81
F000820	1.59	F000903	6.4	F000982	9.15	F001204	9.17	F001277	4.23	F001360	14.11	F001458	4.80	F001526	4.81

F001527	4.19	F001599	4.10	F001690	5.48	F001763	4.20	F001879	4.33	F001971	5.19	F002076	7.13	F002142	2.41
F001528	4.19	F001600	4.10	F001691	5.48	F001764	4.20	F001880	4.33	F001972	5.19	F002077	7.12	F002143	2.41
F001529	4.19	F001601	4.10	F001692	5.47	F001765	4.20	F001881	4.33	F001973	5.19	F002078	7.13	F002143	2.41
F001530	4.19	F001602	4.10	F001693	5.47	F001766	4.20	F001882	4.34	F001974	5.19	F002079	7.12	F002144	2.41
F001531	4.19	F001603	4.10	F001697	5.45	F001767	4.20	F001883	4.34	F001975	5.19	F002080	7.12	F002144	2.41
F001532	4.19	F001604	4.10	F001698	4.31	F001768	4.20	F001884	4.34	F001976	5.19	F002081	7.4	F002145	14.65
F001533	4.19	F001605	4.10	F001699	4.31	F001769	4.20	F001885	4.34	F001977	5.19	F002082	7.4	F002148	7.20
F001534	4.19	F001606	4.10	F001700	4.31	F001770	4.20	F001886	4.34	F001978	5.19	F002083	7.4	F002149	7.20
F001535	4.19	F001607	4.10	F001701	4.31	F001771	4.20	F001887	4.34	F001979	5.19	F002084	7.4	F002150	4.20
F001536	4.19	F001609	4.10	F001702	4.31	F001772	4.20	F001888	4.35	F001980	5.19	F002085	7.4	F002151	4.20
F001537	4.19	F001611	4.10	F001703	4.31	F001773	4.20	F001889	4.35	F001981	5.19	F002086	7.4	F002152	4.20
F001538	4.19	F001613	4.10	F001704	4.31	F001774	4.20	F001890	4.35	F001983	5.19	F002087	7.4	F002153	4.20
F001539	4.19	F001615	4.10	F001705	4.31	F001775	4.20	F001891	4.17	F001990	5.16	F002088	7.5	F002154	4.20
F001540	4.19	F001616	4.10	F001706	4.31	F001776	4.20	F001892	4.17	F002003	5.9	F002089	7.5	F002155	4.20
F001541	4.19	F001617	4.10	F001707	4.31	F001783	4.32	F001893	4.17	F002004	5.9	F002090	7.5	F002156	4.20
F001542	4.19	F001618	4.10	F001708	4.22	F001784	4.32	F001894	4.17	F002005	5.9	F002091	7.6	F002157	4.20
F001543	4.19	F001619	4.10	F001709	4.22	F001785	4.32	F001895	5.22	F002007	14.52	F002092	7.6	F002158	4.13
F001544	4.19	F001620	4.10	F001710	4.22	F001786	4.32	F001896	5.25	F002008	14.52	F002093	7.6	F002159	4.13
F001545	4.19	F001621	4.10	F001711	4.22	F001787	4.32	F001897	5.25	F002009	14.52	F002094	7.7	F002160	4.13
F001546	4.19	F001622	4.10	F001712	4.22	F001788	4.32	F001898	5.25	F002015	14.65	F002095	7.7	F002161	4.13
F001547	4.24	F001623	4.10	F001713	4.22	F001789	14.19	F001899	5.25	F002016	14.65	F002096	7.6	F002162	4.13
F001548	4.24	F001625	4.10	F001714	4.22	F001790	14.19	F001900	5.25	F002017	14.65	F002097	7.6	F002163	4.13
F001549	4.24	F001627	4.10	F001715	4.22	F001798	11.12	F001901	5.25	F002018	14.65	F002098	7.7	F002164	4.13
F001550	4.24	F001629	4.10	F001716	4.22	F001799	14.21	F001902	5.24	F002019	14.65	F002099	7.10	F002165	4.13
F001551	4.24	F001631	4.10	F001717	4.22	F001800	14.21	F001903	5.24	F002020	14.65	F002100	7.10	F002166	4.13
F001552	4.24	F001632	4.10	F001718	4.19	F001806	14.19	F001904	5.24	F002021	14.19	F002101	7.10	F002167	4.13
F001553	4.24	F001633	4.10	F001719	4.19	F001807	14.21	F001905	5.24	F002022	14.19	F002102	7.10	F002168	4.13
F001554	4.24	F001634	4.10	F001720	4.19	F001808	14.21	F001909	5.24	F002024	14.19	F002103	7.10	F002169	4.13
F001555	4.24	F001635	4.10	F001721	4.19	F001809	14.21	F001910	5.24	F002030	7.15	F002104	7.9	F002170	4.26
F001556	4.24	F001636	4.10	F001722	4.19	F001810	14.21	F001911	5.24	F002031	7.15	F002105	7.9	F002171	4.26
F001557	4.24	F001637	4.10	F001723	4.19	F001817	10.26	F001912	5.24	F002035	7.16	F002106	7.9	F002172	4.26
F001558	4.24	F001638	4.10	F001724	4.26	F001818	10.26	F001913	5.24	F002036	7.16	F002107	7.8	F002173	4.26
F001559	4.18	F001639	4.10	F001725	4.26	F001820	10.26	F001914	5.24	F002037	7.17	F002108	7.8	F002174	4.26
F001560	4.18	F001641	4.10	F001726	4.26	F001822	14.23	F001915	5.24	F002039	7.18	F002109	7.8	F002175	4.26
F001561	4.18	F001643	4.10	F001728	4.26	F001823	14.23	F001916	5.24	F002041	7.15	F002110	7.14	F002176	4.26
F001562	4.18	F001645	4.10	F001729	4.26	F001824	14.23	F001917	5.24	F002042	7.15	F002111	4.43	F002177	4.26
F001563	4.18	F001647	4.10	F001730	4.26	F001832	10.28	F001918	5.24	F002043	7.19	F002112	4.43	F002178	4.26
F001564	4.18	F001648	4.10	F001732	4.12	F001833	10.43	F001937	5.20	F002044	7.13	F002113	4.43	F002179	4.26
F001565	4.18	F001649	4.10	F001733	4.12	F001837	10.45	F001938	5.20	F002046	7.11	F002114	4.43	F002180	4.26
F001566	4.18	F001650	4.10	F001734	4.12	F001839	10.45	F001939	5.20	F002047	7.11	F002115	4.43	F002181	4.26
F001567	4.18	F001651	4.10	F001735	4.12	F001841	10.45	F001940	5.20	F002048	7.11	F002116	4.43	F002182	4.26
F001568	4.18	F001652	4.10	F001736	4.12	F001846	10.43	F001941	5.20	F002049	7.11	F002117	4.43	F002183	4.26
F001569	4.18	F001653	4.10	F001737	4.12	F001847	10.43	F001942	5.20	F002050	7.11	F002118	4.43	F002184	4.26
F001570	4.18	F001654	4.10	F001738	4.12	F001852	10.17	F001943	5.20	F002051	7.11	F002119	4.43	F002185	4.26
F001571	4.18	F001655	4.10	F001739	4.12	F001853	10.17	F001944	5.20	F002052	7.11	F002120	4.43	F002186	4.26
F001572	4.18	F001657	4.10	F001740	4.12	F001854	10.17	F001945	5.21	F002053	7.11	F002121	4.43	F002187	4.26
F001573	4.18	F001659	4.10	F001741	4.12	F001855	10.17	F001946	5.21	F002054	7.11	F002122	4.43	F002188	4.27
F001574	4.18	F001661	4.10	F001742	4.12	F001856	10.17	F001947	5.21	F002055	7.11	F002123	4.43	F002189	4.27
F001575	4.25	F001663	4.10	F001743	4.12	F001857	10.17	F001948	5.21	F002056	7.12	F002124	4.43	F002190	4.27
F001576	4.25	F001664	4.10	F001744	4.42	F001858	10.17	F001949	5.21	F002057	7.12	F002125	4.43	F002191	4.27
F001577	4.25	F001665	4.10	F001745	4.42	F001859	10.17	F001950	5.21	F002058	7.12	F002126	4.43	F002192	4.27
F001578	4.23	F001666	4.10	F001746	4.42	F001860	10.17	F001951	5.21	F002059	7.12	F002127	4.43	F002202	4.37
F001579	4.23	F001667	4.10	F001747	4.42	F001861	10.17	F001952	5.21	F002060	7.12	F002128	4.43	F002203	4.22
F001580	4.23	F001668	4.10	F001748	4.42	F001862	10.17	F001953	5.21	F002061	7.12	F002129	4.43	F002204	4.22
F001581	4.23	F001669	4.10	F001749	4.42	F001863	10.17	F001954	5.21	F002062	7.12	F002130	4.43	F002205	4.22
F001582	4.23	F001670	4.10	F001750	4.45	F001864	10.18	F001955	5.21	F002063	7.12	F002131	4.45	F002206	4.22
F001583	4.23	F001671	4.10	F001751	4.45	F001865	10.18	F001956	5.21	F002064	7.12	F002132	4.45	F002207	4.22
F001584	4.10	F001673	4.10	F001752	4.45	F001866	10.18	F001957	5.22	F002065	7.12	F002133	4.45	F002208	4.22
F001585	4.10	F001675	4.10	F001753	4.45	F001867	10.18	F001958	5.22	F002066	7.12	F002134	4.45	F002209	4.22
F001586	4.10	F001677	4.10	F001754	4.45	F001868	10.18	F001959	5.22	F002067	7.12	F002135	4.45	F002210	4.22
F001587	4.10	F001679	4.10	F001755	4.45	F001869	10.18	F001963	5.22	F002068	7.12	F002136	4.44	F002211	4.22
F001588	4.10	F001680	5.46	F001756	4.45	F001870	10.18	F001964	5.22	F002069	7.12	F002137	4.44	F002212	4.18
F001589	4.10	F001681	5.46	F001757	4.20	F001871	10.18	F001965	5.22	F002070	7.12	F002138	4.44	F002213	4.18
F001590	4.10	F001682	5.46	F001758	4.20	F001872	10.18	F001966	5.19	F002071	7.12	F002139	4.44	F002214	4.18
F001591	4.10	F001683	5.46	F001759	4.20	F001873	10.46	F001967	5.19	F002072	7.12	F002140	4.44	F002215	4.18
F001593	4.10	F001684	5.47	F001760	4.20	F001874	10.46	F001968	5.19	F002073	7.12	F002141	2.41	F002216	4.18
F001595	4.10	F001685	5.47	F001761	4.20	F001875	10.46	F001969	5.19	F002074	7.12	F002141	2.41	F002217	4.18
F001597	4.10	F001686	5.47	F001762	4.20	F001876	10.46	F001970	5.19	F002075	7.12	F002142	2.41	F002218	4.18

F002219	4.18	F002298	4.85	F002390	4.14	F002459	4.103	F002551	14.56	F002620	4.28	F002709	14.62	F002787	4.66
F002220	4.18	F002299	4.85	F002391	4.14	F002460	4.103	F002552	14.57	F002621	4.28	F002710	14.62	F002788	4.66
F002221	4.18	F002300	4.85	F002392	4.14	F002461	4.103	F002553	14.57	F002622	4.28	F002711	14.62	F002789	4.66
F002222	4.18	F002301	4.85	F002393	4.14	F002462	4.103	F002554	14.59	F002623	4.28	F002712	14.62	F002790	4.66
F002223	4.18	F002302	4.85	F002394	4.14	F002463	4.93	F002555	4.36	F002624	4.28	F002714	14.62	F002791	4.66
F002224	4.16	F002303	4.87	F002395	4.14	F002464	4.93	F002556	4.36	F002625	4.28	F002716	14.64	F002792	4.66
F002225	4.16	F002304	4.87	F002396	4.14	F002465	4.93	F002557	4.36	F002626	4.28	F002718	14.64	F002793	5.6
F002226	4.16	F002305	4.87	F002397	4.14	F002466	4.93	F002558	4.36	F002627	4.32	F002720	14.64	F002794	5.6
F002227	4.16	F002306	4.87	F002398	4.38	F002467	4.93	F002559	4.24	F002629	4.32	F002727	5.13	F002795	5.6
F002228	4.16	F002307	4.87	F002399	4.38	F002468	4.40	F002560	4.24	F002630	4.32	F002728	5.13	F002796	5.6
F002229	4.16	F002308	4.87	F002400	4.38	F002468	4.94	F002561	4.24	F002631	4.32	F002729	5.13	F002797	5.6
F002230	4.16	F002309	4.87	F002401	4.38	F002469	4.97	F002562	4.24	F002632	4.32	F002730	2.44	F002798	5.6
F002231	4.16	F002310	4.87	F002402	4.38	F002470	4.97	F002563	4.24	F002633	4.32	F002731	2.44	F002799	4.12
F002232	4.16	F002311	4.87	F002403	4.38	F002471	4.97	F002564	4.24	F002634	4.96	F002732	2.44	F002800	4.12
F002233	4.16	F002312	4.87	F002404	4.38	F002472	4.94	F002565	4.24	F002635	4.92	F002733	2.44	F002801	4.12
F002234	4.42	F002313	4.87	F002406	4.100	F002473	4.94	F002566	4.24	F002636	4.92	F002734	2.44	F002802	4.12
F002235	4.42	F002314	4.87	F002407	4.100	F002474	4.94	F002567	4.24	F002637	4.103	F002735	2.44	F002803	4.12
F002236	4.21	F002315	4.88	F002408	4.100	F002475	4.94	F002568	4.24	F002638	4.103	F002736	9.14	F002804	4.12
F002237	4.21	F002319	4.81	F002409	4.100	F002476	4.94	F002569	4.24	F002639	4.103	F002737	9.14	F002805	4.12
F002238	4.21	F002320	4.81	F002410	4.100	F002477	4.94	F002570	4.24	F002640	4.103	F002738	9.14	F002806	4.12
F002239	4.21	F002321	4.82	F002411	4.99	F002478	4.94	F002571	4.24	F002641	4.102	F002739	9.14	F002807	4.12
F002248	4.39	F002322	4.82	F002412	4.99	F002479	4.94	F002572	4.24	F002642	4.102	F002740	4.16	F002808	4.12
F002249	4.39	F002323	4.82	F002413	4.99	F002480	4.94	F002573	4.24	F002643	4.96	F002741	4.16	F002809	4.12
F002250	4.38	F002324	4.82	F002414	4.99	F002481	4.94	F002574	4.24	F002644	4.96	F002742	4.16	F002810	4.12
F002251	4.38	F002325	5.38	F002415	4.99	F002482	4.92	F002575	4.24	F002645	2.47	F002743	4.16	F002811	4.12
F002252	4.38	F002326	5.38	F002416	4.99	F002483	4.92	F002576	4.24	F002646	2.47	F002744	4.89	F002812	4.12
F002253	4.39	F002327	5.38	F002417	4.99	F002484	4.92	F002577	4.25	F002647	2.47	F002745	4.89	F002813	4.12
F002254	4.39	F002328	5.38	F002418	4.99	F002485	4.92	F002578	4.25	F002648	2.47	F002746	4.89	F002814	4.12
F002255	4.39	F002329	4.13	F002419	4.98	F002486	4.104	F002579	4.25	F002649	2.47	F002747	4.89	F002815	4.12
F002256	4.40	F002330	4.13	F002420	4.98	F002487	4.104	F002580	4.25	F002650	2.47	F002748	4.90	F002816	4.12
F002257	4.40	F002331	4.13	F002421	4.98	F002488	4.104	F002583	4.33	F002651	2.47	F002749	4.90	F002817	4.12
F002258	4.40	F002332	4.13	F002422	4.98	F002489	4.104	F002585	4.33	F002652	2.47	F002750	4.90	F002818	4.12
F002259	4.39	F002333	4.13	F002423	4.98	F002490	4.104	F002587	4.30	F002653	2.48	F002751	4.90	F002819	4.12
F002260	4.39	F002334	4.13	F002424	4.98	F002491	4.104	F002588	4.30	F002654	2.48	F002752	4.90	F002820	4.11
F002261	4.10	F002335	4.13	F002425	4.98	F002492	4.104	F002589	4.30	F002655	2.48	F002753	4.90	F002821	4.11
F002262	4.10	F002336	4.13	F002426	4.98	F002493	4.104	F002590	4.30	F002664	2.39	F002754	4.90	F002822	4.11
F002263	4.10	F002337	4.13	F002427	4.100	F002494	4.104	F002591	4.30	F002665	2.39	F002755	4.90	F002823	4.11
F002264	4.10	F002338	4.13	F002428	4.100	F002495	4.104	F002592	4.30	F002666	2.40	F002756	4.37	F002824	4.11
F002265	4.10	F002339	4.13	F002429	4.100	F002513	14.35	F002593	4.41	F002667	3.31	F002757	4.37	F002825	4.11
F002266	4.10	F002340	4.13	F002430	4.99	F002514	14.35	F002593	4.93	F002668	3.31	F002758	4.37	F002826	4.11
F002267	4.35	F002341	4.14	F002431	4.99	F002515	14.35	F002594	4.41	F002669	3.31	F002759	4.33	F002827	4.11
F002268	4.35	F002342	4.14	F002432	4.99	F002519	14.29	F002594	4.93	F002670	3.32	F002760	4.33	F002828	4.11
F002269	4.35	F002343	4.14	F002433	4.101	F002520	14.29	F002595	4.41	F002671	3.32	F002761	4.30	F002829	4.11
F002270	4.37	F002344	4.14	F002434	4.101	F002521	14.29	F002595	4.93	F002672	3.32	F002762	4.30	F002830	4.11
F002271	4.37	F002345	4.14	F002435	4.101	F002524	14.30	F002596	4.15	F002673	3.33	F002763	4.30	F002831	4.11
F002272	4.37	F002346	4.14	F002436	4.101	F002525	14.31	F002597	4.15	F002674	3.33	F002764	4.30	F002832	5.12
F002273	4.37	F002347	4.14	F002437	4.101	F002526	14.31	F002598	4.15	F002675	3.33	F002765	4.30	F002833	5.10
F002274	4.37	F002348	4.14	F002438	4.101	F002527	14.31	F002599	4.15	F002676	3.33	F002766	4.30	F002834	5.10
F002275	4.37	F002349	4.14	F002439	4.105	F002528	14.31	F002600	4.29	F002677	3.33	F002767	4.32	F002835	5.10
F002276	4.37	F002350	4.14	F002440	4.105	F002529	14.31	F002601	4.29	F002678	3.33	F002768	4.32	F002836	5.10
F002277	4.37	F002351	4.14	F002441	4.105	F002530	14.24	F002602	4.29	F002679	3.33	F002769	11.14	F002836	5.10
F002281	4.41	F002352	4.14	F002442	4.105	F002531	14.24	F002603	4.29	F002680	3.35	F002770	4.37	F002837	5.10
F002282	4.41	F002353	4.14	F002443	4.105	F002532	14.24	F002604	4.29	F002681	3.35	F002771	4.17	F002838	14.40
F002283	4.84	F002354	4.14	F002444	4.105	F002533	14.25	F002605	4.29	F002682	3.35	F002772	4.17	F002839	14.40
F002284	4.84	F002355	4.14	F002445	4.93	F002534	14.24	F002606	4.29	F002683	3.23	F002773	4.17	F002840	14.40
F002285	4.84	F002356	4.14	F002446	4.93	F002535	14.24	F002607	4.29	F002684	3.24	F002774	4.17	F002841	14.41
F002286	4.84	F002378	4.25	F002447	4.93	F002536	14.24	F002608	4.29	F002685	3.23	F002775	4.17	F002842	14.26
F002287	4.86	F002379	4.25	F002448	4.93	F002537	14.53	F002609	4.29	F002692	14.59	F002776	4.17	F002843	14.26
F002288	4.86	F002380	4.44	F002449	4.98	F002538	14.53	F002610	4.29	F002693	14.57	F002777	4.17	F002844	14.26
F002289	4.86	F002381	4.44	F002450	4.98	F002539	14.53	F002611	4.29	F002694	14.57	F002778	4.17	F002845	5.17
F002290	4.86	F002382	4.14	F002451	4.98	F002540	14.53	F002612	4.29	F002695	14.57	F002779	4.27	F002845	6.6
F002291	4.85	F002383	4.14	F002452	4.98	F002544	14.53	F002613	4.29	F002696	14.58	F002780	4.27	F002846	5.17
F002292	4.85	F002384	4.14	F002453	4.97	F002545	14.53	F002614	4.29	F002697	14.58	F002781	4.27	F002846	6.6
F002293	4.85	F002385	4.14	F002454	4.97	F002546	14.55	F002615	4.29	F002701	14.22	F002782	4.27	F002847	5.17
F002294	4.85	F002386	4.14	F002455	4.97	F002547	14.55	F002616	4.29	F002705	14.43	F002783	4.27	F002847	6.6
F002295	4.85	F002387	4.14	F002456	4.92	F002548	14.56	F002617	4.29	F002706	14.47	F002784	4.27	F002849	5.17
F002296	4.85	F002388	4.14	F002457	4.92	F002549	14.56	F002618	4.28	F002707	14.48	F002785	4.27	F002850	5.18
F002297	4.85	F002389	4.14	F002458	4.92	F002550	14.55	F002619	4.28	F002708	14.49	F002786	4.27	F002850	6.6

F002851	5.18	F002923	1.63	F003014	15.3	F003104	14.68	F003172	4.63	F003240	4.68	F003319	14.12	F003409	12.11
F002851	6.6	F002924	1.63	F003016	1.68	F003105	14.68	F003173	4.63	F003241	4.68	F003320	14.12	F003410	12.11
F002852	5.18	F002925	1.63	F003017	1.68	F003106	14.68	F003174	4.50	F003242	4.68	F003321	14.11	F003411	12.11
F002852	6.6	F002927	5.4	F003018	1.68	F003107	14.68	F003175	4.50	F003243	4.68	F003322	14.11	F003412	12.11
F002853	5.18	F002928	11.8	F003019	1.68	F003108	14.68	F003176	4.50	F003244	4.68	F003323	2.48	F003413	12.11
F002854	5.18	F002929	11.8	F003020	14.42	F003109	14.68	F003177	4.50	F003245	4.54	F003324	14.48	F003415	13.65
F002857	5.18	F002930	11.8	F003021	14.42	F003110	14.68	F003178	4.57	F003246	4.55	F003325	14.48	F003416	13.65
F002858	5.16	F002944	7.19	F003022	14.42	F003111	14.72	F003179	4.57	F003247	4.55	F003326	14.49	F003417	13.65
F002859	5.16	F002945	7.19	F003023	5.27	F003112	14.69	F003180	4.57	F003248	4.55	F003327	14.49	F003418	13.65
F002860	5.16	F002946	7.19	F003024	5.27	F003113	14.69	F003181	4.57	F003249	4.55	F003328	14.49	F003419	13.65
F002861	5.16	F002947	7.19	F003025	5.27	F003114	14.69	F003182	4.57	F003250	4.54	F003329	14.49	F003420	13.65
F002862	5.19	F002948	7.19	F003026	5.27	F003115	14.69	F003183	4.57	F003251	4.54	F003330	15.7	F003421	13.65
F002863	14.64	F002949	14.67	F003027	5.26	F003116	14.69	F003184	4.57	F003252	4.51	F003331	15.7	F003422	13.65
F002864	14.64	F002950	14.67	F003028	5.26	F003117	14.71	F003185	4.57	F003253	4.51	F003332	15.8	F003423	13.66
F002865	14.41	F002951	14.67	F003029	5.26	F003118	14.69	F003186	4.58	F003254	4.51	F003333	15.8	F003424	13.66
F002868	7.4	F002952	14.67	F003030	5.26	F003119	14.69	F003187	4.58	F003255	4.51	F003334	2.18	F003425	13.66
F002869	7.4	F002953	5.14	F003031	2.45	F003120	14.69	F003188	4.58	F003256	4.51	F003335	12.9	F003426	13.66
F002870	2.41	F002954	5.14	F003032	2.45	F003121	14.70	F003189	4.58	F003257	4.51	F003336	12.9	F003427	13.67
F002871	2.41	F002955	5.14	F003033	2.45	F003122	14.70	F003190	4.53	F003258	4.51	F003337	12.9	F003428	13.67
F002872	5.26	F002956	5.14	F003034	2.45	F003123	4.60	F003191	4.53	F003259	4.51	F003338	12.10	F003429	13.67
F002873	5.26	F002957	5.14	F003035	2.46	F003124	4.60	F003192	4.53	F003260	4.56	F003339	12.10	F003430	13.66
F002874	5.26	F002958	5.14	F003036	2.46	F003125	4.60	F003193	4.53	F003261	4.56	F003340	12.10	F003431	13.66
F002875	5.26	F002959	5.14	F003039	7.16	F003126	4.60	F003194	4.70	F003262	4.106	F003347	12.87	F003432	13.66
F002876	5.26	F002960	5.14	F003040	2.46	F003127	4.60	F003195	4.70	F003263	4.106	F003348	12.87	F003433	13.66
F002877	5.26	F002961	5.14	F003041	2.46	F003128	4.60	F003196	4.69	F003264	4.106	F003349	12.87	F003434	9.10
F002878	5.26	F002962	5.14	F003042	15.5	F003129	4.60	F003197	4.69	F003265	4.106	F003352	12.88	F003435	9.10
F002879	5.26	F002963	5.14	F003043	5.9	F003130	4.60	F003198	4.69	F003266	4.107	F003354	12.88	F003436	9.10
F002880	5.27	F002964	5.14	F003044	15.4	F003131	4.60	F003199	4.69	F003267	4.107	F003355	12.88	F003437	9.10
F002881	5.27	F002965	5.14	F003045	8.6	F003132	4.59	F003200	4.69	F003268	4.107	F003356	12.88	F003438	9.10
F002882	5.27	F002966	14.66	F003046	8.6	F003133	4.59	F003201	4.69	F003269	4.107	F003358	12.88	F003439	9.10
F002883	5.27	F002967	14.66	F003048	5.17	F003134	4.59	F003202	4.70	F003270	4.108	F003359	12.15	F003440	9.10
F002884	5.27	F002968	14.66	F003049	6.3	F003135	4.59	F003203	4.70	F003271	4.47	F003360	12.15	F003441	9.10
F002885	5.27	F002969	14.66	F003050	5.21	F003136	4.59	F003204	4.70	F003272	4.47	F003361	12.15	F003443	9.10
F002886	5.27	F002970	14.66	F003051	5.21	F003137	4.59	F003205	4.70	F003273	4.47	F003361	12.15	F003444	9.10
F002887	5.27	F002971	14.66	F003052	5.21	F003138	4.59	F003206	4.50	F003274	4.47	F003363	12.15	F003445	9.10
F002888	5.27	F002972	14.67	F003053	5.21	F003139	4.59	F003207	4.50	F003275	4.47	F003365	12.15	F003446	9.10
F002889	5.27	F002973	14.67	F003054	5.21	F003140	4.59	F003208	4.50	F003276	4.47	F003367	12.15	F003447	9.10
F002890	5.27	F002975	14.67	F003055	5.21	F003141	4.59	F003209	4.50	F003277	4.47	F003367	12.15	F003448	9.10
F002891	5.27	F002976	14.67	F003056	10.43	F003142	4.59	F003210	14.72	F003278	4.47	F003368	12.29	F003449	9.10
F002892	5.27	F002977	14.67	F003057	5.23	F003143	4.59	F003211	14.72	F003279	4.47	F003369	12.29	F003450	9.10
F002893	5.28	F002978	14.67	F003058	5.23	F003144	4.59	F003212	14.45	F003280	4.46	F003370	12.29	F003451	9.11
F002894	5.28	F002979	14.67	F003059	5.23	F003145	4.59	F003213	4.56	F003281	4.46	F003371	12.30	F003452	9.11
F002895	5.28	F002980	5.14	F003060	5.23	F003146	4.60	F003214	4.56	F003282	4.46	F003372	12.30	F003453	14.41
F002896	5.28	F002981	5.14	F003063	2.20	F003147	4.60	F003215	4.64	F003283	4.46	F003373	12.30	F003454	14.41
F002897	5.28	F002982	5.14	F003064	14.59	F003148	4.60	F003216	4.64	F003284	4.46	F003374	12.30	F003455	9.11
F002898	5.28	F002983	5.14	F003065	14.59	F003149	4.60	F003217	4.52	F003285	4.46	F003375	12.30	F003456	9.11
F002899	7.17	F002984	5.14	F003066	14.59	F003150	4.60	F003218	4.52	F003286	4.46	F003376	12.30	F003457	9.11
F002900	7.17	F002989	5.14	F003067	14.59	F003151	4.60	F003219	4.52	F003287	4.46	F003377	12.74	F003458	9.11
F002901	7.18	F002991	5.14	F003068	14.60	F003152	4.60	F003220	4.52	F003288	4.46	F003385	12.28	F003459	9.6
F002902	7.18	F002992	5.15	F003070	14.60	F003153	4.60	F003221	4.53	F003289	14.44	F003386	12.28	F003460	9.6
F002903	14.40	F002993	5.15	F003072	14.60	F003154	4.49	F003222	4.53	F003290	14.50	F003388	12.28	F003461	9.6
F002904	3.28	F002994	5.15	F003074	14.60	F003155	4.49	F003223	4.53	F003291	14.50	F003389	12.28	F003462	9.6
F002905	3.28	F002996	5.15	F003077	14.60	F003156	4.49	F003224	4.53	F003292	14.45	F003391	12.28	F003463	9.6
F002906	1.62	F002998	5.15	F003078	14.60	F003157	4.49	F003225	4.62	F003293	14.45	F003392	12.28	F003464	9.6
F002907	1.62	F002999	5.44	F003080	14.54	F003158	4.64	F003226	4.62	F003294	14.45	F003394	12.28	F003465	9.6
F002908	1.62	F003000	5.44	F003081	14.54	F003159	4.64	F003227	4.62	F003295	14.44	F003395	12.28	F003466	9.6
F002909	1.62	F003001	5.44	F003082	14.54	F003160	4.69	F003228	4.62	F003296	14.44	F003396	12.71	F003467	9.12
F002910	1.62	F003002	5.45	F003083	15.6	F003161	4.69	F003229	4.62	F003297	14.44	F003397	12.71	F003468	9.12
F002911	1.62	F003003	7.20	F003084	15.6	F003162	4.69	F003230	4.62	F003298	14.44	F003398	12.71	F003469	9.4
F002913	1.58	F003004	7.20	F003085	14.68	F003163	4.69	F003231	4.61	F003299	14.12	F003399	12.71	F003470	9.4
F002914	1.58	F003005	7.20	F003086	14.9	F003164	4.63	F003232	4.61	F003300	14.12	F003401	12.72	F003471	9.4
F002915	1.58	F003006	7.20	F003087	14.9	F003165	4.63	F003233	4.61	F003301	14.12	F003402	12.72	F003472	9.4
F002916	1.58	F003007	5.45	F003098	15.4	F003166	4.63	F003234	4.61	F003302	14.12	F003403	12.72	F003473	9.4
F002917	1.58	F003009	15.5	F003099	5.6	F003167	4.63	F003235	4.67	F003305	14.12	F003404	12.74	F003474	9.4
F002918	1.58	F003010	15.5	F003100	5.6	F003168	4.63	F003236	4.67	F003306	14.11	F003405	12.74	F003475	9.4
F002920	1.63	F003011	15.3	F003101	14.68	F003169	4.63	F003237	4.67	F003307	14.11	F003406	12.11	F003476	9.4
F002921	1.63	F003012	15.3	F003102	14.68	F003170	4.63	F003238	4.67	F003314	14.12	F003407	12.11	F003477	9.4
F002922	1.63	F003013	15.3	F003103	14.68	F003171	4.63	F003239	4.68	F003315	14.12	F003408	12.11	F003478	9.4

F003479	9.4	F003555	15.4	F003643	13.59	F004256	14.6	F004355	13.18	F004445	13.29	F004512	14.61	F004586	1.37
F003480	9.4	F003556	15.4	F003644	13.58	F004257	14.6	F004356	13.17	F004446	13.29	F004513	14.61	F004586	1.38
F003481	9.4	F003557	9.5	F003645	13.58	F004258	14.6	F004357	13.16	F004447	13.31	F004514	13.33	F004586	1.39
F003482	9.4	F003558	9.5	F003646	13.58	F004259	14.6	F004358	13.16	F004448	13.31	F004515	13.33	F004586	1.40
F003483	9.4	F003559	9.13	F003647	13.58	F004262	14.7	F004359	13.16	F004449	13.31	F004516	13.34	F004587	1.34
F003484	9.4	F003560	9.12	F003648	13.59	F004265	14.7	F004372	14.14	F004450	13.31	F004517	13.34	F004587	1.35
F003485	9.12	F003561	5.11	F003649	13.59	F004268	14.7	F004373	14.14	F004451	13.31	F004518	13.34	F004587	1.36
F003486	9.12	F003562	5.11	F003650	13.59	F004269	14.7	F004374	14.14	F004452	13.31	F004519	13.34	F004587	1.37
F003487	9.12	F003563	5.12	F003651	13.59	F004272	14.8	F004375	14.14	F004453	13.35	F004521	5.8	F004587	1.38
F003488	9.12	F003564	5.11	F003652	13.60	F004274	14.7	F004376	14.14	F004454	13.35	F004522	3.25	F004587	1.39
F003490	9.13	F003565	5.11	F003653	13.60	F004275	14.7	F004377	14.14	F004455	13.35	F004523	1.41	F004587	1.40
F003491	9.7	F003566	5.11	F003654	13.60	F004276	14.7	F004378	14.14	F004456	13.35	F004524	1.41	F004588	1.34
F003492	9.7	F003567	5.11	F003655	13.60	F004277	14.7	F004379	14.14	F004457	13.35	F004525	1.41	F004588	1.35
F003494	9.13	F003568	5.11	F003658	13.60	F004278	14.7	F004380	14.14	F004458	13.35	F004527	1.41	F004588	1.36
F003495	9.7	F003570	7.19	F003659	13.60	F004279	14.7	F004381	14.15	F004459	13.37	F004528	1.41	F004588	1.37
F003496	2.21	F003571	3.36	F003660	13.60	F004280	14.7	F004382	14.15	F004460	13.37	F004529	1.41	F004588	1.38
F003497	5.41	F003572	15.8	F003661	13.60	F004281	14.7	F004383	14.15	F004461	13.37	F004537	1.42	F004588	1.39
F003498	5.41	F003573	5.49	F003662	13.60	F004282	14.8	F004384	14.15	F004462	13.37	F004538	1.42	F004588	1.40
F003499	5.41	F003574	5.49	F003663	13.60	F004283	14.8	F004385	14.15	F004463	13.37	F004539	1.42	F004589	1.34
F003500	5.41	F003575	5.49	F004205	14.5	F004284	14.8	F004386	14.15	F004464	13.37	F004540	1.42	F004589	1.35
F003501	5.41	F003576	5.50	F004206	14.5	F004284	14.9	F004387	14.15	F004467	13.28	F004553	1.43	F004589	1.36
F003502	5.41	F003577	5.50	F004207	14.5	F004285	14.9	F004388	14.15	F004468	13.28	F004554	1.43	F004589	1.37
F003503	5.42	F003578	5.50	F004208	14.5	F004286	14.9	F004389	14.15	F004469	13.28	F004555	1.44	F004589	1.38
F003504	5.42	F003579	5.41	F004209	14.5	F004292	14.10	F004390	14.15	F004470	13.30	F004556	1.44	F004589	1.39
F003505	5.42	F003580	5.41	F004210	14.5	F004293	14.10	F004391	14.15	F004471	13.30	F004557	1.44	F004589	1.40
F003506	5.42	F003581	9.12	F004211	14.5	F004294	14.10	F004392	14.15	F004472	13.30	F004558	1.44	F004590	1.34
F003507	5.42	F003582	9.4	F004212	14.5	F004296	14.10	F004393	14.16	F004473	13.32	F004577	1.45	F004590	1.35
F003508	5.42	F003583	9.4	F004215	14.5	F004298	14.10	F004394	14.16	F004474	13.32	F004578	1.45	F004590	1.36
F003509	5.43	F003584	9.4	F004216	14.5	F004299	14.10	F004396	14.17	F004475	13.32	F004579	1.45	F004590	1.37
F003510	5.43	F003587	9.4	F004217	14.5	F004300	14.10	F004397	14.17	F004476	13.36	F004580	1.45	F004590	1.38
F003511	5.43	F003589	5.29	F004218	14.5	F004302	14.10	F004398	14.17	F004477	13.36	F004581	1.34	F004590	1.39
F003512	5.43	F003590	5.29	F004219	14.5	F004304	14.10	F004399	14.17	F004478	13.36	F004581	1.35	F004590	1.40
F003513	5.43	F003591	5.29	F004220	14.5	F004305	14.20	F004400	14.17	F004479	13.38	F004581	1.36	F004591	1.34
F003514	5.43	F003592	5.29	F004221	14.5	F004309	5.34	F004401	14.16	F004480	13.38	F004581	1.37	F004591	1.35
F003515	5.48	F003593	5.32	F004222	14.5	F004310	5.31	F004402	14.16	F004481	13.38	F004581	1.38	F004591	1.36
F003516	5.48	F003594	5.32	F004223	14.5	F004311	5.31	F004403	14.36	F004483	13.28	F004581	1.39	F004591	1.37
F003517	5.48	F003595	5.32	F004224	14.5	F004312	14.42	F004404	14.36	F004484	13.28	F004581	1.40	F004591	1.38
F003518	13.24	F003596	5.30	F004225	14.5	F004314	14.71	F004405	14.36	F004485	13.28	F004582	1.34	F004591	1.39
F003519	13.24	F003597	5.30	F004226	14.5	F004315	14.71	F004406	14.36	F004486	13.30	F004582	1.35	F004591	1.40
F003520	13.24	F003598	5.30	F004227	14.5	F004317	14.71	F004407	14.36	F004486	13.32	F004582	1.36	F004592	1.34
F003521	13.24	F003599	5.30	F004228	14.5	F004321	14.70	F004408	14.36	F004487	13.28	F004582	1.37	F004592	1.35
F003522	13.24	F003600	5.30	F004229	14.5	F004322	14.70	F004409	14.36	F004488	13.28	F004582	1.38	F004592	1.36
F003523	13.41	F003601	5.30	F004230	14.5	F004324	14.65	F004410	14.36	F004489	13.30	F004582	1.39	F004592	1.37
F003524	13.41	F003602	5.32	F004231	14.5	F004325	14.65	F004412	14.36	F004489	13.32	F004582	1.40	F004592	1.38
F003525	13.41	F003603	5.32	F004232	14.5	F004326	14.65	F004414	14.36	F004490	13.30	F004583	1.34	F004592	1.39
F003526	13.41	F003604	5.32	F004233	14.5	F004327	14.65	F004416	14.36	F004490	13.32	F004583	1.35	F004592	1.40
F003527	13.42	F003605	5.31	F004234	14.5	F004328	2.42	F004418	14.36	F004491	13.30	F004583	1.36	F004593	1.35
F003528	13.42	F003606	5.31	F004235	14.5	F004329	2.42	F004420	14.36	F004491	13.32	F004583	1.37	F004594	1.35
F003529	13.42	F003607	5.30	F004236	14.5	F004330	2.42	F004422	14.35	F004492	13.30	F004583	1.38	F004595	1.35
F003530	13.42	F003608	5.30	F004237	14.5	F004331	2.42	F004423	14.35	F004492	13.32	F004583	1.39	F004596	1.35
F003531	13.40	F003609	5.30	F004238	14.5	F004332	2.43	F004424	14.35	F004493	13.30	F004583	1.40	F004597	1.35
F003532	13.40	F003610	5.30	F004239	14.5	F004333	14.26	F004425	14.36	F004493	13.32	F004584	1.34	F004598	1.35
F003533	13.40	F003611	5.30	F004240	14.6	F004334	14.26	F004426	14.36	F004494	13.30	F004584	1.35	F004599	1.35
F003534	13.43	F003612	5.30	F004241	14.6	F004337	14.26	F004427	14.20	F004494	13.32	F004584	1.36	F004600	1.35
F003535	13.43	F003616	6.4	F004242	14.6	F004338	14.26	F004428	14.10	F004495	13.38	F004584	1.37	F004601	1.35
F003537	13.44	F003617	6.4	F004243	14.6	F004341	13.22	F004432	13.71	F004496	13.38	F004584	1.38	F004602	1.35
F003538	13.44	F003618	6.4	F004244	14.6	F004342	13.22	F004433	13.71	F004497	13.38	F004584	1.39	F004603	1.35
F003540	13.42	F003624	5.33	F004245	14.6	F004343	13.22	F004434	13.71	F004498	13.38	F004584	1.40	F004604	1.35
F003541	13.41	F003625	5.33	F004246	14.6	F004344	13.22	F004435	13.71	F004499	13.38	F004585	1.34	F004605	1.36
F003542	13.51	F003626	5.33	F004247	14.6	F004345	13.22	F004436	13.71	F004500	13.38	F004585	1.35	F004606	1.36
F003543	13.52	F003627	5.33	F004248	14.6	F004347	13.16	F004437	13.71	F004501	13.36	F004585	1.36	F004607	1.36
F003544	13.52	F003628	5.33	F004249	14.6	F004348	13.17	F004438	13.27	F004502	13.36	F004585	1.37	F004608	1.36
F003545	13.51	F003629	5.33	F004250	14.6	F004349	13.17	F004439	13.27	F004503	13.36	F004585	1.38	F004609	1.36
F003546	13.42	F003630	5.34	F004251	14.6	F004350	13.16	F004440	13.27	F004505	14.19	F004585	1.39	F004610	1.36
F003547	13.41	F003631	5.34	F004252	14.6	F004351	13.17	F004441	13.29	F004506	14.52	F004585	1.40	F004611	1.36
F003552	13.68	F003632	5.34	F004253	14.6	F004352	13.16	F004442	13.29	F004507	14.56	F004586	1.34	F004612	1.36
F003553	13.68	F003633	5.34	F004254	14.6	F004353	13.16	F004443	13.29	F004510	14.61	F004586	1.35	F004613	1.36
F003554	13.68	F003642	13.59	F004255	14.6	F004354	13.16	F004444	13.29	F004511	14.61	F004586	1.36	F004614	1.36

F004615	1.36	F004686	13.8	F004766	12.13	F004836	12.79	F004901	13.70	F004969	4.77	F005078	14.38	F005161	10.43
F004616	1.36	F004687	13.8	F004767	12.13	F004837	12.79	F004902	13.70	F004970	4.72	F005080	14.38	F005162	1.65
F004617	1.37	F004688	13.8	F004768	12.13	F004838	12.80	F004903	13.70	F004971	4.72	F005081	14.38	F005163	1.65
F004618	1.37	F004689	13.8	F004773	12.25	F004839	12.80	F004904	13.70	F004972	4.73	F005082	14.38	F005164	1.65
F004619	1.37	F004690	13.8	F004774	12.25	F004840	12.80	F004905	13.70	F004973	4.73	F005083	14.38	F005165	1.65
F004620	1.37	F004691	13.8	F004775	12.25	F004841	6.12	F004906	13.72	F004974	4.74	F005084	14.38	F005166	1.74
F004621	1.37	F004692	13.8	F004776	12.25	F004842	6.11	F004907	13.72	F004975	4.74	F005086	14.38	F005167	1.72
F004622	1.37	F004693	13.9	F004777	12.25	F004842	6.11	F004908	13.72	F004976	4.72	F005087	14.38	F005169	12.88
F004623	1.37	F004694	13.9	F004778	12.25	F004843	6.11	F004909	13.72	F004977	4.72	F005089	14.37	F005170	10.4
F004624	1.37	F004695	13.9	F004779	12.25	F004843	6.11	F004910	13.73	F004978	4.78	F005090	14.38	F005170	10.6
F004625	1.37	F004696	13.9	F004780	12.25	F004844	6.12	F004911	13.73	F004979	4.77	F005092	14.38	F005171	10.4
F004626	1.37	F004697	13.9	F004781	6.8	F004845	6.12	F004912	13.73	F004980	4.77	F005093	14.38	F005171	10.6
F004627	1.37	F004698	13.9	F004782	6.8	F004846	6.12	F004913	13.74	F004981	4.77	F005094	14.38	F005172	10.4
F004628	1.37	F004699	13.9	F004783	6.9	F004847	6.9	F004914	13.73	F004982	4.74	F005097	14.38	F005172	10.6
F004629	1.38	F004700	13.9	F004784	6.9	F004848	6.11	F004915	13.74	F004983	4.74	F005098	14.38	F005173	10.4
F004630	1.38	F004701	13.10	F004785	6.9	F004849	6.11	F004916	13.74	F004984	4.74	F005099	14.38	F005173	10.6
F004631	1.38	F004702	13.10	F004786	6.8	F004850	6.11	F004917	13.74	F004985	4.73	F005100	14.38	F005174	10.4
F004632	1.38	F004703	13.10	F004787	6.10	F004851	13.54	F004918	13.63	F004986	4.73	F005101	14.38	F005174	10.6
F004633	1.38	F004704	13.13	F004788	6.10	F004852	13.54	F004919	13.63	F004987	4.74	F005102	14.38	F005175	10.4
F004634	1.38	F004705	13.13	F004789	6.10	F004853	13.55	F004920	13.63	F004988	11.17	F005103	14.37	F005175	10.6
F004635	1.38	F004706	13.13	F004790	12.26	F004854	13.55	F004921	13.63	F004989	11.17	F005104	14.38	F005176	10.7
F004636	1.38	F004707	13.14	F004791	12.26	F004855	13.55	F004922	13.63	F005026	11.17	F005105	14.38	F005176	10.14
F004637	1.38	F004708	13.12	F004792	12.26	F004856	13.53	F004923	13.63	F005027	5.5	F005106	14.38	F005177	10.8
F004638	1.38	F004709	13.14	F004793	12.73	F004857	13.54	F004924	13.63	F005028	5.5	F005108	14.38	F005177	10.33
F004639	1.38	F004711	13.10	F004794	12.73	F004858	13.56	F004925	13.63	F005029	5.5	F005109	14.38	F005177	10.35
F004640	1.38	F004712	13.10	F004795	12.17	F004859	13.56	F004926	13.63	F005030	5.5	F005110	14.37	F005178	10.8
F004641	1.39	F004713	13.11	F004796	12.17	F004860	13.53	F004927	13.63	F005031	5.5	F005111	14.37	F005178	10.10
F004642	1.39	F004714	13.11	F004797	12.18	F004861	13.56	F004928	13.64	F005032	5.5	F005112	14.38	F005178	10.12
F004643	1.39	F004715	13.12	F004798	12.18	F004862	13.56	F004929	13.64	F005035	14.38	F005113	14.39	F005178	10.23
F004644	1.39	F004716	13.11	F004799	12.18	F004863	12.77	F004930	13.64	F005036	14.38	F005114	14.39	F005178	10.33
F004645	1.39	F004717	13.11	F004800	12.18	F004864	12.77	F004931	13.64	F005037	14.37	F005115	14.39	F005178	10.35
F004646	1.39	F004719	12.82	F004801	12.17	F004865	13.61	F004932	13.64	F005038	14.38	F005116	14.39	F005178	10.41
F004647	1.39	F004720	12.82	F004802	12.17	F004866	13.61	F004933	13.64	F005039	14.38	F005117	14.39	F005179	10.10
F004648	1.39	F004721	12.82	F004803	12.17	F004867	13.61	F004934	13.64	F005040	14.37	F005118	14.37	F005179	10.23
F004649	1.39	F004722	12.82	F004804	12.17	F004868	13.61	F004935	13.64	F005041	14.37	F005119	14.39	F005179	10.41
F004650	1.39	F004723	12.82	F004805	12.5	F004869	13.61	F004936	14.34	F005042	14.37	F005120	14.39	F005180	10.15
F004651	1.39	F004724	12.83	F004806	12.5	F004870	13.61	F004937	14.34	F005043	14.38	F005121	14.37	F005180	10.40
F004652	1.39	F004725	12.83	F004807	12.5	F004871	13.62	F004938	14.34	F005044	14.38	F005122	14.39	F005181	10.15
F004653	1.40	F004726	12.83	F004808	12.7	F004872	13.62	F004939	14.35	F005045	14.37	F005123	14.39	F005181	10.37
F004654	1.40	F004727	12.83	F004809	12.7	F004873	13.62	F004940	4.75	F005046	14.38	F005124	14.39	F005181	10.40
F004655	1.40	F004728	12.83	F004810	12.7	F004874	10.18	F004941	4.75	F005047	14.38	F005125	14.39	F005182	10.15
F004656	1.40	F004729	12.83	F004811	12.7	F004875	10.18	F004942	4.75	F005048	14.37	F005126	14.39	F005182	10.37
F004657	1.40	F004730	12.83	F004812	12.7	F004876	10.18	F004943	4.75	F005051	14.38	F005127	14.37	F005182	10.40
F004658	1.40	F004731	12.83	F004813	12.7	F004877	10.18	F004944	4.75	F005052	14.38	F005128	14.39	F005183	10.15
F004659	1.40	F004732	12.84	F004814	12.7	F004878	10.18	F004945	4.75	F005053	14.37	F005129	14.39	F005183	10.37
F004660	1.40	F004733	12.83	F004815	12.7	F004879	10.18	F004946	4.76	F005054	14.38	F005131	14.39	F005184	10.15
F004661	1.40	F004734	12.83	F004816	12.7	F004880	14.10	F004947	4.76	F005055	14.37	F005132	14.39	F005184	10.40
F004662	1.40	F004735	12.83	F004817	12.7	F004881	14.10	F004948	4.76	F005056	14.38	F005135	14.39	F005185	10.15
F004663	1.40	F004736	12.83	F004818	12.8	F004882	14.10	F004949	4.76	F005057	14.37	F005136	14.39	F005185	10.40
F004664	1.40	F004737	12.83	F004819	12.8	F004883	14.10	F004950	4.76	F005058	14.38	F005137	14.39	F005186	10.15
F004665	14.47	F004738	12.83	F004820	12.8	F004884	14.10	F004951	4.76	F005059	14.38	F005138	14.39	F005186	10.37
F004666	14.46	F004739	12.84	F004821	12.8	F004886	13.22	F004952	4.76	F005060	14.38	F005140	14.39	F005186	10.40
F004667	14.23	F004740	12.84	F004822	12.8	F004887	6.11	F004953	4.76	F005061	14.37	F005141	14.37	F005187	10.15
F004668	14.51	F004741	12.85	F004823	12.8	F004887	6.11	F004954	4.76	F005062	14.38	F005142	14.37	F005187	10.37
F004669	14.51	F004742	12.85	F004824	12.8	F004888	6.11	F004955	4.76	F005063	14.38	F005144	14.39	F005187	10.40
F004670	14.51	F004743	12.86	F004824	12.80	F004888	6.11	F004956	4.76	F005064	14.38	F005145	14.39	F005188	10.15
F004671	14.40	F004745	12.69	F004825	12.8	F004889	6.12	F004957	4.76	F005065	14.38	F005146	14.39	F005188	10.37
F004672	14.40	F004746	12.69	F004825	12.80	F004890	14.17	F004958	4.75	F005066	14.38	F005148	14.39	F005189	10.15
F004673	14.40	F004747	12.69	F004826	12.79	F004891	14.18	F004959	4.75	F005067	14.38	F005149	14.39	F005189	10.37
F004677	13.19	F004748	12.69	F004827	12.79	F004892	14.18	F004960	4.75	F005068	14.37	F005150	14.39	F005190	10.15
F004678	13.19	F004749	12.69	F004828	12.79	F004893	14.18	F004961	4.75	F005069	14.38	F005152	14.39	F005190	10.37
F004679	13.19	F004750	12.69	F004829	12.79	F004894	13.69	F004962	4.75	F005070	14.37	F005153	14.39	F005191	10.15
F004680	13.20	F004751	12.69	F004830	12.79	F004895	13.69	F004963	4.75	F005072	14.38	F005154	14.39	F005191	10.40
F004681	13.20	F004752	12.69	F004831	12.79	F004896	13.69	F004964	4.77	F005073	14.38	F005156	14.39	F005192	10.15
F004682	13.20	F004762	12.13	F004832	12.79	F004897	13.69	F004965	4.77	F005074	14.38	F005157	14.39	F005192	10.40
F004683	13.20	F004763	12.13	F004833	12.79	F004898	13.69	F004966	4.77	F005075	14.38	F005158	14.39	F005193	10.15
F004684	13.20	F004764	12.13	F004834	12.79	F004899	13.69	F004967	4.77	F005076	14.38	F005159	14.39	F005193	10.37
F004685	13.8	F004765	12.13	F004835	12.79	F004900	13.70	F004968	4.77	F005077	14.38	F005160	10.43	F005193	10.40

F005194	10.15	F005250	10.11	F005316	10.14	F005371	10.15	F005429	10.23	F005500	5.7	F007366	9.15	F007441	1.22
F005194	10.37	F005251	10.11	F005317	10.14	F005371	10.35	F005430	10.23	F005501	5.7	F007367	9.15	F007442	1.22
F005194	10.40	F005252	10.11	F005322	10.15	F005371	10.37	F005431	10.23	F005502	5.7	F007368	9.15	F007443	1.22
F005195	10.15	F005253	10.11	F005323	10.15	F005372	10.35	F005432	10.23	F005503	5.7	F007369	9.15	F007444	1.23
F005195	10.37	F005254	10.11	F005324	10.15	F005373	10.15	F005433	10.23	F005504	5.7	F007370	9.15	F007445	1.23
F005196	10.15	F005255	10.11	F005325	10.15	F005373	10.35	F005434	10.25	F005511	14.46	F007371	9.15	F007446	1.23
F005196	10.37	F005256	10.11	F005326	10.15	F005373	10.37	F005435	10.25	F005512	14.46	F007372	9.15	F007447	1.23
F005197	10.15	F005257	10.11	F005327	10.15	F005373	10.40	F005436	10.25	F005513	14.46	F007373	9.15	F007448	1.23
F005197	10.37	F005258	10.11	F005328	10.15	F005374	10.15	F005437	10.25	F005514	14.46	F007374	9.15	F007449	1.23
F005198	10.15	F005259	10.11	F005329	10.15	F005374	10.35	F005438	10.25	F005515	8.7	F007375	9.15	F007450	1.23
F005198	10.37	F005260	10.11	F005330	10.15	F005374	10.37	F005439	10.25	F005517	8.7	F007376	9.15	F007451	1.24
F005198	10.40	F005261	10.11	F005331	10.15	F005374	10.40	F005440	10.25	F005518	8.7	F007377	9.15	F007452	1.24
F005199	10.15	F005262	10.11	F005332	10.15	F005375	10.15	F005441	10.24	F005519	8.7	F007378	9.15	F007453	1.24
F005199	10.37	F005263	10.11	F005333	10.15	F005375	10.35	F005442	10.24	F005521	8.7	F007379	9.15	F007454	1.24
F005199	10.40	F005264	10.11	F005334	10.15	F005375	10.37	F005443	10.24	F005522	8.7	F007380	9.15	F007455	1.24
F005200	10.15	F005265	10.10	F005335	10.15	F005376	10.35	F005444	10.24	F005523	8.7	F007381	9.15	F007456	1.24
F005200	10.37	F005266	10.10	F005336	10.16	F005377	10.35	F005445	10.24	F005524	8.7	F007382	9.15	F007457	1.25
F005201	10.15	F005267	10.10	F005337	10.16	F005378	10.36	F005446	10.24	F005525	8.7	F007383	9.15	F007458	1.25
F005201	10.37	F005268	10.10	F005338	10.16	F005379	10.36	F005447	10.24	F005527	8.7	F007384	9.15	F007459	1.25
F005202	10.15	F005269	10.10	F005339	10.16	F005380	10.36	F005448	10.48	F005529	8.7	F007385	9.15	F007460	1.25
F005202	10.37	F005270	10.10	F005340	10.16	F005381	10.36	F005449	10.48	F005530	8.7	F007387	4.81	F007461	1.25
F005203	10.24	F005271	10.10	F005341	10.16	F005382	10.39	F005450	10.48	F005531	8.7	F007388	4.81	F007462	1.25
F005204	10.4	F005272	10.10	F005342	10.7	F005383	10.39	F005451	10.48	F005533	8.7	F007389	4.81	F007468	2.12
F005205	10.4	F005273	10.10	F005342	10.14	F005384	10.39	F005452	10.48	F005534	8.7	F007390	4.81	F007469	2.14
F005206	10.5	F005274	10.10	F005343	10.16	F005385	10.39	F005453	10.48	F005535	8.7	F007391	4.81	F007471	2.19
F005207	10.5	F005275	10.10	F005343	10.38	F005386	10.41	F005457	10.50	F005536	8.7	F007392	4.81	F007472	2.19
F005208	10.5	F005276	10.10	F005343	10.41	F005387	10.41	F005458	10.25	F005537	8.7	F007393	4.81	F007473	2.19
F005209	10.5	F005277	10.10	F005344	10.16	F005388	10.42	F005459	4.47	F005539	8.8	F007394	4.81	F007477	2.20
F005210	10.5	F005278	10.10	F005344	10.38	F005389	10.21	F005460	4.47	F005541	8.8	F007395	4.81	F007478	2.20
F005211	10.5	F005279	10.10	F005344	10.41	F005390	10.21	F005461	4.47	F005542	8.8	F007396	4.81	F007479	14.34
F005212	10.5	F005280	10.10	F005345	10.16	F005391	10.21	F005462	4.49	F005543	8.8	F007397	4.81	F007499	12.23
F005213	10.5	F005281	10.10	F005345	10.38	F005392	10.21	F005463	4.49	F005545	8.8	F007398	4.81	F007506	1.30
F005214	10.5	F005282	10.10	F005345	10.41	F005393	10.21	F005464	4.49	F005546	8.8	F007399	4.81	F007507	1.30
F005215	10.6	F005283	10.10	F005346	10.16	F005394	10.21	F005465	4.49	F005547	8.8	F007400	4.81	F007508	1.29
F005216	10.6	F005284	10.10	F005346	10.38	F005395	10.21	F005466	4.49	F005548	8.8	F007401	4.80	F007509	1.29
F005217	10.7	F005285	10.10	F005346	10.41	F005396	10.21	F005467	4.49	F005549	8.8	F007402	4.80	F007510	1.30
F005218	10.7	F005286	10.10	F005347	10.16	F005397	10.21	F005468	4.49	F005554	13.36	F007403	4.80	F007511	1.30
F005219	10.7	F005287	10.10	F005354	10.33	F005398	10.21	F005469	4.49	F005555	13.38	F007404	4.80	F007512	1.27
F005220	10.7	F005288	10.10	F005355	10.33	F005399	10.21	F005470	4.48	F005556	8.4	F007411	1.22	F007513	1.27
F005221	10.7	F005289	10.10	F005356	10.33	F005400	10.21	F005471	4.48	F005557	8.4	F007412	1.22	F007514	1.27
F005222	10.7	F005290	10.10	F005357	10.34	F005401	10.21	F005472	4.48	F005558	8.4	F007413	1.22	F007515	1.27
F005223	3.25	F005291	10.10	F005358	10.34	F005402	10.21	F005473	4.48	F005559	8.4	F007414	1.22	F007517	1.28
F005224	3.25	F005292	10.10	F005359	10.34	F005403	10.21	F005474	4.48	F005560	8.5	F007415	1.22	F007519	1.28
F005225	10.11	F005293	10.12	F005360	10.34	F005404	10.21	F005475	4.48	F005561	8.5	F007416	1.22	F007521	1.28
F005226	10.11	F005294	10.12	F005361	10.34	F005405	10.21	F005476	4.48	F005562	8.6	F007417	1.22	F007523	1.28
F005227	10.11	F005295	10.12	F005362	10.34	F005406	10.21	F005477	4.48	F005563	8.6	F007418	1.23	F007524	1.26
F005228	10.11	F005296	10.12	F005363	10.34	F005407	10.21	F005478	4.48	F005574	12.13	F007419	1.23	F007525	1.26
F005229	10.11	F005297	10.12	F005364	10.34	F005408	10.21	F005479	4.48	F005575	12.13	F007420	1.23	F007526	1.26
F005230	10.11	F005298	10.12	F005365	10.15	F005409	10.21	F005480	4.48	F007196	14.33	F007421	1.23	F007527	1.26
F005231	10.11	F005299	10.12	F005365	10.35	F005410	10.21	F005481	4.48	F007298	4.23	F007422	1.23	F007528	1.26
F005232	10.11	F005300	10.12	F005365	10.37	F005411	10.21	F005482	4.48	F007299	4.23	F007423	1.23	F007529	1.26
F005233	10.11	F005301	10.13	F005365	10.40	F005412	10.21	F005483	4.48	F007300	4.23	F007424	1.23	F007530	1.26
F005234	10.11	F005302	10.13	F005366	10.15	F005413	10.21	F005484	4.48	F007301	4.23	F007425	1.24	F007531	1.26
F005235	10.11	F005303	10.13	F005366	10.35	F005414	10.21	F005485	4.48	F007302	4.23	F007426	1.24	F007532	1.26
F005236	10.11	F005304	10.13	F005366	10.37	F005415	10.20	F005486	4.48	F007303	4.23	F007427	1.24	F007533	1.26
F005237	10.11	F005305	10.13	F005366	10.40	F005416	10.20	F005487	4.48	F007304	4.23	F007428	1.24	F007534	1.26
F005238	10.11	F005306	10.13	F005367	10.15	F005417	10.20	F005488	4.48	F007305	4.23	F007429	1.24	F007535	1.26
F005239	10.11	F005307	10.13	F005367	10.35	F005418	10.20	F005489	4.48	F007306	4.23	F007430	1.24	F007538	1.27
F005240	10.11	F005308	10.13	F005367	10.37	F005419	10.20	F005490	4.48	F007307	4.23	F007431	1.25	F007539	1.27
F005241	10.11	F005309	10.13	F005368	10.35	F005420	10.20	F005491	10.14	F007308	4.23	F007432	1.25	F007540	1.31
F005242	10.11	F005310	10.13	F005369	10.15	F005421	10.21	F005492	10.21	F007309	4.23	F007433	1.25	F007542	1.31
F005243	10.11	F005311	10.15	F005369	10.35	F005422	10.21	F005493	10.21	F007310	4.23	F007434	1.25	F007544	1.31
F005244	10.11	F005311	10.40	F005369	10.37	F005423	10.21	F005494	10.21	F007311	4.23	F007435	1.25	F007545	1.31
F005245	10.11	F005312	10.15	F005369	10.40	F005424	10.21	F005495	10.21	F007312	4.23	F007436	1.25	F007547	1.31
F005246	10.11	F005312	10.40	F005370	10.15	F005425	10.22	F005496	10.21	F007357	2.29	F007437	1.22	F007549	1.31
F005247	10.11	F005313	10.15	F005370	10.35	F005426	10.22	F005497	10.21	F007363	9.15	F007438	1.22	F007550	1.45
F005248	10.11	F005314	10.14	F005370	10.37	F005427	10.22	F005498	3.25	F007364	9.15	F007439	1.22	F007551	4.12
F005249	10.11	F005315	10.14	F005370	10.40	F005428	10.22	F005499	5.7	F007365	9.15	F007440	1.22	F007552	4.12

F007553	4.39	F007640	9.26	F007729	12.36	F007813	12.60	F007886	12.37	F008089	3.8	F008093	3.8	F008101	3.8
F007554	4.40	F007641	9.26	F007732	12.34	F007814	12.60	F007887	12.37	F008089	3.8	F008093	3.8	F008101	3.8
F007555	4.39	F007642	9.26	F007733	12.34	F007816	12.60	F007888	12.37	F008089	3.8	F008094	3.8	F008101	3.8
F007556	4.96	F007643	9.27	F007734	12.35	F007817	12.60	F007889	12.37	F008089	3.8	F008094	3.8	F008101	3.8
F007557	14.67	F007644	9.27	F007735	12.35	F007818	12.60	F007890	12.37	F008089	3.8	F008094	3.8	F008101	3.8
F007558	14.27	F007645	9.27	F007736	12.35	F007820	12.60	F007891	12.37	F008089	3.8	F008094	3.8	F008101	3.8
F007558	14.27	F007646	9.27	F007737	12.35	F007821	12.60	F007892	12.61	F008089	3.8	F008094	3.8	F008101	3.8
F007559	14.27	F007647	9.27	F007738	12.35	F007822	12.60	F007893	12.61	F008089	3.8	F008094	3.8	F008101	3.8
F007559	14.28	F007648	9.28	F007740	12.42	F007823	12.60	F007894	12.61	F008089	3.8	F008094	3.8	F008102	3.8
F007560	14.27	F007649	9.28	F007741	12.42	F007824	12.60	F007895	12.61	F008089	3.8	F008094	3.8	F008102	3.8
F007560	14.28	F007650	9.28	F007742	12.42	F007825	12.60	F007896	12.63	F008089	3.8	F008094	3.8	F008102	3.8
F007561	14.27	F007651	9.28	F007743	12.42	F007826	12.60	F007897	12.63	F008089	3.8	F008094	3.8	F008102	3.8
F007561	14.28	F007652	9.28	F007744	12.42	F007828	12.60	F007898	12.63	F008089	3.8	F008094	3.8	F008102	3.8
F007562	14.28	F007653	9.28	F007745	12.42	F007829	12.60	F007899	12.47	F008089	3.8	F008094	3.8	F008102	3.8
F007563	14.28	F007661	9.9	F007746	12.42	F007830	12.60	F007899	12.54	F008090	3.8	F008094	3.8	F008102	3.8
F007564	14.28	F007662	9.9	F007747	12.42	F007832	12.60	F007901	12.67	F008090	3.8	F008094	3.8	F008102	3.8
F007566	14.32	F007663	9.9	F007748	12.43	F007833	12.60	F007902	12.67	F008090	3.8	F008097	3.8	F008102	3.8
F007567	14.32	F007663	9.9	F007749	12.43	F007834	12.60	F007903	12.67	F008090	3.8	F008097	3.8	F008102	3.8
F007572	14.32	F007664	9.9	F007750	12.43	F007836	12.44	F007904	12.67	F008090	3.8	F008097	3.8	F008102	3.8
F007573	14.29	F007664	9.9	F007751	12.43	F007837	12.44	F007905	12.67	F008090	3.8	F008097	3.8	F008102	3.8
F007574	14.29	F007664	9.9	F007752	12.44	F007838	12.44	F007920	12.67	F008090	3.8	F008097	3.8	F008103	3.9
F007575	14.29	F007665	9.9	F007753	12.44	F007839	12.44	F007921	12.68	F008090	3.8	F008097	3.8	F008104	3.10
F007579	14.25	F007666	9.9	F007756	12.36	F007840	12.44	F007922	12.68	F008090	3.8	F008097	3.8	F008105	3.9
F007580	14.25	F007673	9.32	F007757	12.36	F007841	12.44	F007923	12.67	F008090	3.8	F008097	3.8	F008106	3.12
F007581	14.25	F007674	9.32	F007760	12.52	F007842	12.44	F007924	12.67	F008090	3.8	F008097	3.8	F008107	3.12
F007584	14.33	F007675	9.32	F007761	12.52	F007843	12.44	F007925	12.67	F008090	3.8	F008097	3.8	F008108	3.12
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F007586	2.45	F007677	9.32	F007763	12.52	F007845	12.44	F007947	12.46	F008090	3.8	F008097	3.8	F008110	3.12
F007587	2.46	F007678	9.32	F007764	12.52	F007846	12.44	F007948	12.46	F008091	3.8	F008098	3.8	F008111	3.12
F007588	1.48	F007679	9.30	F007765	12.52	F007847	12.44	F007949	12.46	F008091	3.8	F008098	3.8	F008122	3.11
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F007591	1.48	F007682	9.30	F007768	12.53	F007850	12.44	F008064	14.5	F008091	3.8	F008098	3.8	F008128	3.11
F007592	1.48	F007683	9.31	F007769	12.53	F007851	12.44	F008065	14.6	F008091	3.8	F008098	3.8	F008129	3.11
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F007594	1.48	F007685	4.16	F007773	12.59	F007853	12.53	F008080	3.10	F008091	3.8	F008098	3.8	F008131	3.11
F007595	1.48	F007686	4.16	F007774	12.59	F007854	12.53	F008081	3.10	F008091	3.8	F008098	3.8	F008133	3.11
F007596	1.61	F007687	14.6	F007775	12.59	F007855	12.53	F008082	3.9	F008091	3.8	F008098	3.8	F008143	3.12
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F007599	1.61	F007694	13.22	F007778	12.59	F007858	12.53	F008087	3.8	F008091	3.8	F008099	3.8	F008146	3.17
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F007603	1.57	F007705	14.34	F007784	12.59	F007862	12.53	F008087	3.8	F008092	3.8	F008099	3.8	F008146	3.17
F007604	1.57	F007706	14.34	F007785	12.59	F007863	12.53	F008087	3.8	F008092	3.8	F008099	3.8	F008146	3.17
F007605	1.57	F007707	9.32	F007786	12.59	F007864	12.53	F008087	3.8	F008092	3.8	F008099	3.8	F008146	3.17
F007606	1.57	F007708	9.32	F007788	12.59	F007865	12.53	F008087	3.8	F008092	3.8	F008099	3.8	F008148	3.17
F007607	1.57	F007709	12.38	F007789	12.59	F007866	12.53	F008087	3.8	F008092	3.8	F008099	3.8	F008148	3.17
F007608	1.57	F007710	12.38	F007790	12.59	F007867	12.53	F008087	3.8	F008092	3.8	F008099	3.8	F008148	3.17
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F007623	9.20	F007712	12.48	F007792	12.59	F007869	12.45	F008087	3.8	F008092	3.8	F008099	3.8	F008148	3.17
F007624	9.20	F007713	12.38	F007793	12.59	F007870	12.45	F008087	3.8	F008092	3.8	F008100	3.8	F008148	3.17
F007625	9.20	F007714	12.48	F007794	12.59	F007871	12.45	F008087	3.8	F008092	3.8	F008100	3.8	F008148	3.17
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F008150	3.17	F008257	3.19	F008333	4.28	F009824	14.6	F010376	14.7	F014300	14.63
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F008152	3.17	F008259	3.20	F008338	4.13	F010136	14.6	F010473	14.63	F014846	5.35
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F008178	3.16	F008281	9.22	F008354	4.15	F010321	12.22	F010822	1.24	F014862	5.36
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F008188	3.16	F008287	4.95	F008591	3.5	F010323	12.22	F010826	1.25	F014866	14.33
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F008229	3.5	F008306	1.24	F008618	11.17	F010347	3.20	F010845	1.25		
F008230	3.5	F008307	1.25	F008619	11.17	F010348	3.20	F010846	1.25		
F008231	3.5	F008308	1.25	F008620	11.17	F010350	2.20	F010847	1.25		
F008232	3.5	F008312	4.36	F008621	11.17	F010355	14.6	F010856	12.56		
F008233	3.5	F008313	4.11	F008622	11.17	F010356	14.6	F010857	12.56		
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F008237	3.5	F008317	4.11	F008626	11.17	F010360	14.5	F010895	5.12		
F008238	3.5	F008318	4.36	F008629	11.7	F010361	14.5	F010911	1.32		
F008239	3.5	F008319	4.11	F008630	5.8	F010362	14.5	F010918	14.32		
F008248	3.13	F008320	4.11	F008631	14.5	F010363	14.5	F010919	14.32		
F008250	3.13	F008321	4.11	F009812	14.5	F010364	14.5	F011062	5.13		
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F008256	3.19	F008329	4.28	F009820	14.6	F010372	14.7	F014273	10.32		
F008257	3.19	F008330	4.28	F009821	14.6	F010373	14.7	F014274	10.32		
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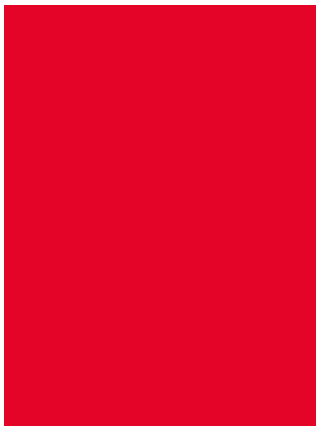
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