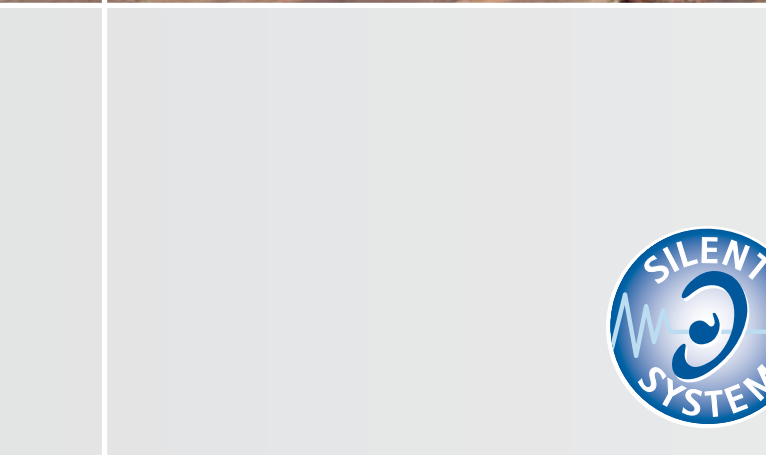


# Quadro



The power of ball bearings  
Unbeatable precision

  
**Hettich**  
INTERNATIONAL



# Quadro

## A free run for precision steel balls

### Quadro products for wooden drawers

Quadro – the ball bearing principle	4
Quadro – perfect for every job	8
Quadro with Silent System	10
Quadro assembly	12
Quadro partial extension	14
Quadro full extension	24

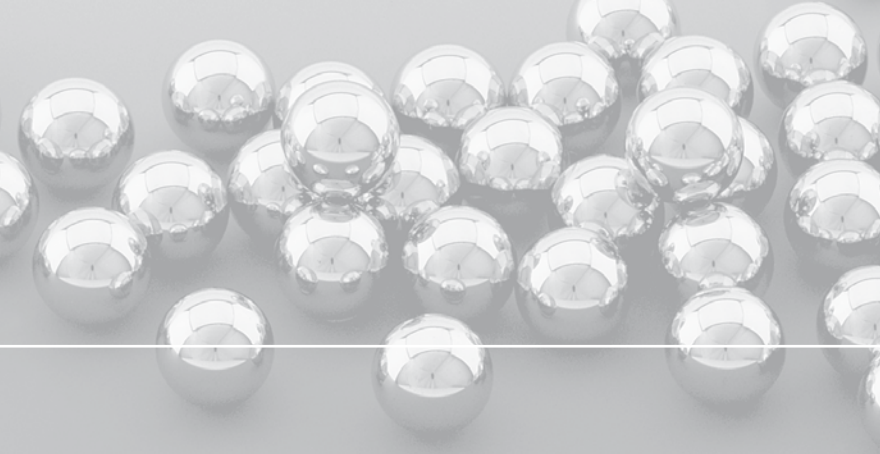
# Quadro: the power of ball bearings

## **Quadro – ball bearing benefits for furniture**

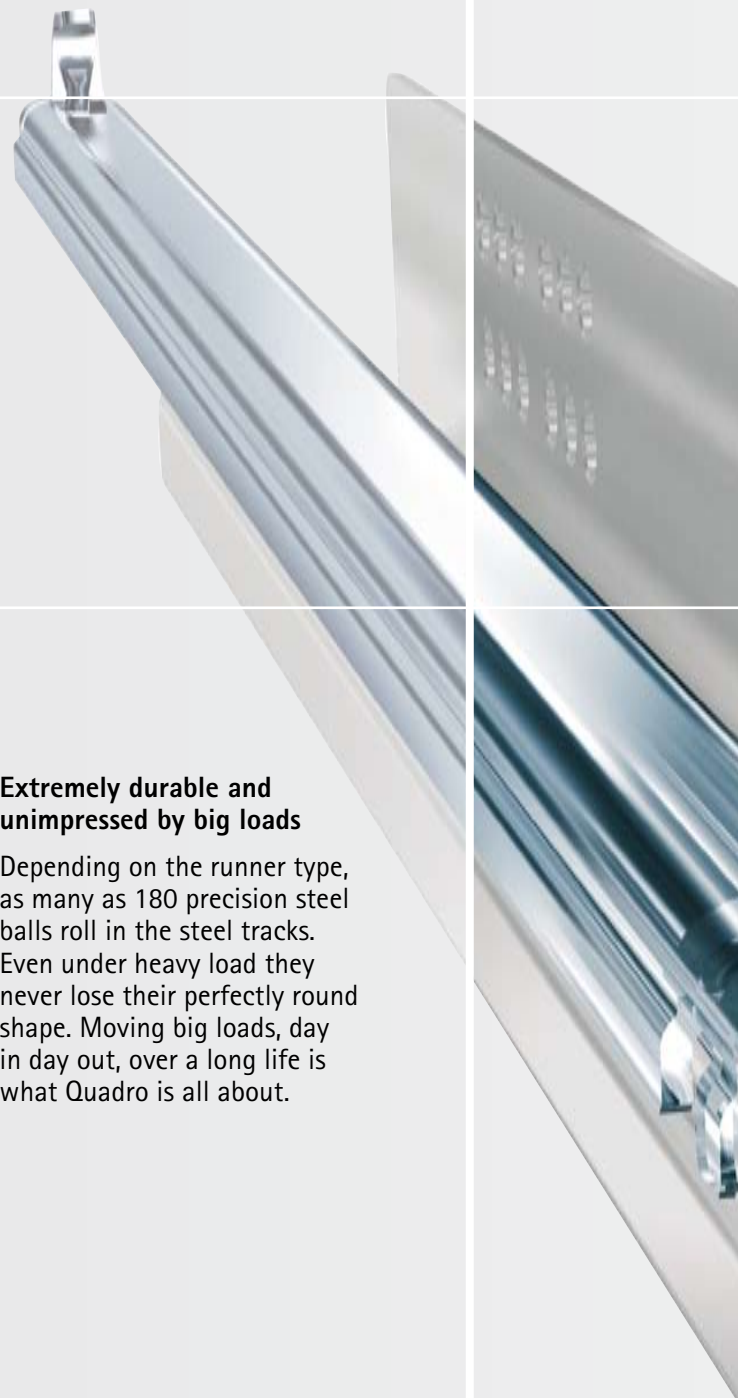
Ball bearings are one of the world's success stories. High-performance and precision machines would be unthinkable without them. Ball bearings are precision components that deliver the smoothest possible action and enjoy an extremely long life. And they are virtually indestructible, coping with big temperature fluctuations and tremendous loads.

Runner elements in furniture and household appliances work hard, often in the most difficult conditions. If you are looking for a tough runner system capable of delivering peak performance and of coping with a heavy workload, there is nothing to beat a system based on the ball bearing idea – the Quadro runner system.





# Quadro – designed for a very long life



## **Extremely durable and unimpressed by big loads**

Depending on the runner type, as many as 180 precision steel balls roll in the steel tracks. Even under heavy load they never lose their perfectly round shape. Moving big loads, day in day out, over a long life is what Quadro is all about.



## **Tracking stability**

The special profiles and precision steel balls work in total harmony. This tracking stability makes for perfect runner action. Vertical and lateral stability are excellent because all forces are evenly distributed.





**Smooth action without let or hindrance**

Thanks to the built-in self-cleaning mechanism, foreign bodies are simply swept out of the Quadro tracks. Ultra-smooth action can be relied on throughout a Quadro runner's long service life.





### Up to any task

In daily use, furniture is subjected to much higher loads than most people think. But Quadro runners make light of loads up to 50 kg. And even if a pan drawer is occasionally slammed or a cutlery drawer opened and closed many times every single day – nothing throws Quadro off-track.

Especially in demanding applications, the self-cleaning Quadro runners will always outperform expectations.



### No job too tough

A Quadro runner is a revelation every time! In the kitchen, in living areas, in the office. Amazing – the effortless ease with which you can move even heavily loaded pan drawers or stacked hi-fi equipment on a Quadro runner.



# Quadro for outstanding performance in furniture and home appliances



## Wet or dry, hot or cold

It's all the same to the Quadro. Quadro runners are equally at home in an oven, a dishwasher or a refrigerator. Neither moisture, extreme temperatures nor any other rough environment can upset the ball bearing principle.

## Indefatigable

You can open a drawer with a Quadro runner a hundred or a hundred thousand times – and you won't notice the difference. The easy smooth action is always tremendously reassuring.

## Invisible

The concealed Quadro runner is an excellent choice for high-quality furniture. Its outstanding functionality combines perfectly with the unbroken lines of a top design.

## Long-distance runner

Most drawers are opened and closed many thousands of times during their lifetime. Quadro runners are designed to withstand high loads over an extremely long service life.



# Silent System – sounds great!



## How Silent System shuts drawers softly and soundlessly

Noise levels in the home shoot up when drawers are closed vigorously. The front slams against the unit. Drawer contents rattle. Contents get shaken up. Things clatter, nerves jangle.

Drawers with Silent System banish this type of disturbance. They help to create a relaxed mood and a more efficient working environment.

Silent System closes all drawers gently and softly – from lightly laden sock drawers in the bedroom to heavily laden cutlery drawers in the kitchen.

Silent System is integrated in the Quadro runner to save kitchen manufacturers additional production steps.

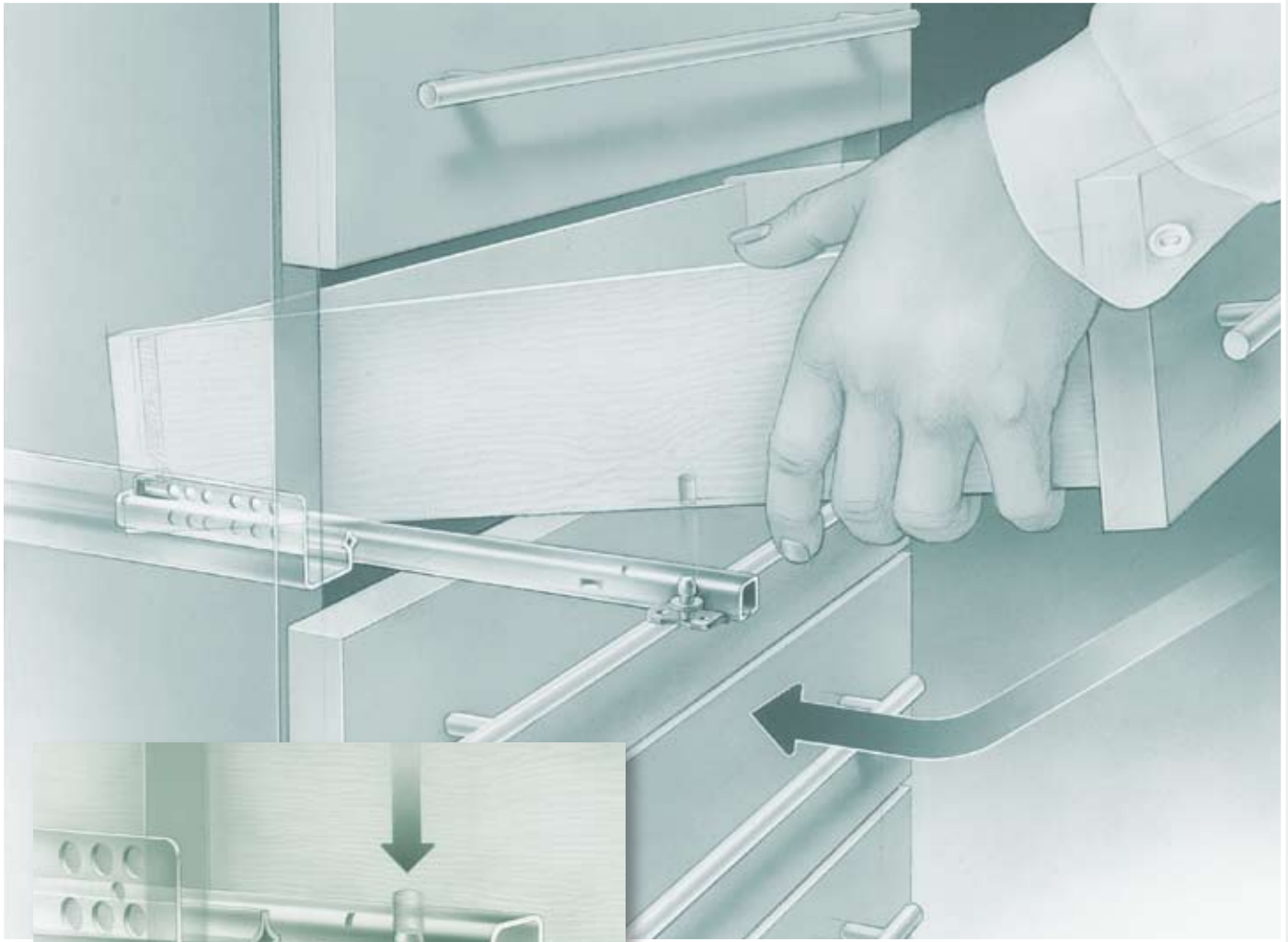
Silent System is completely invisible, completely effective and very impressive.





## Quick, slick assembly for wooden drawers

### Plug-on assembly



#### Convenient height adjustment

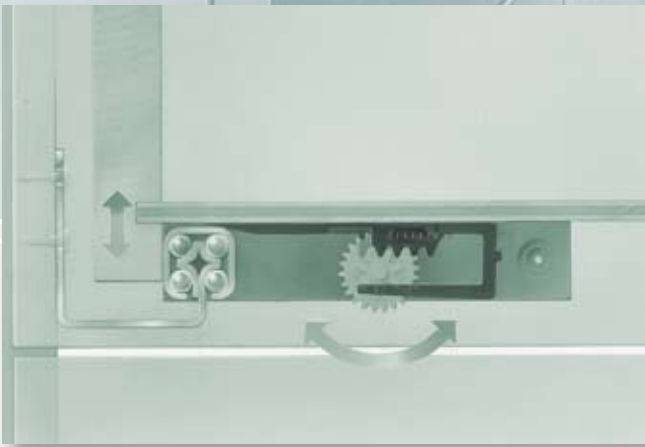
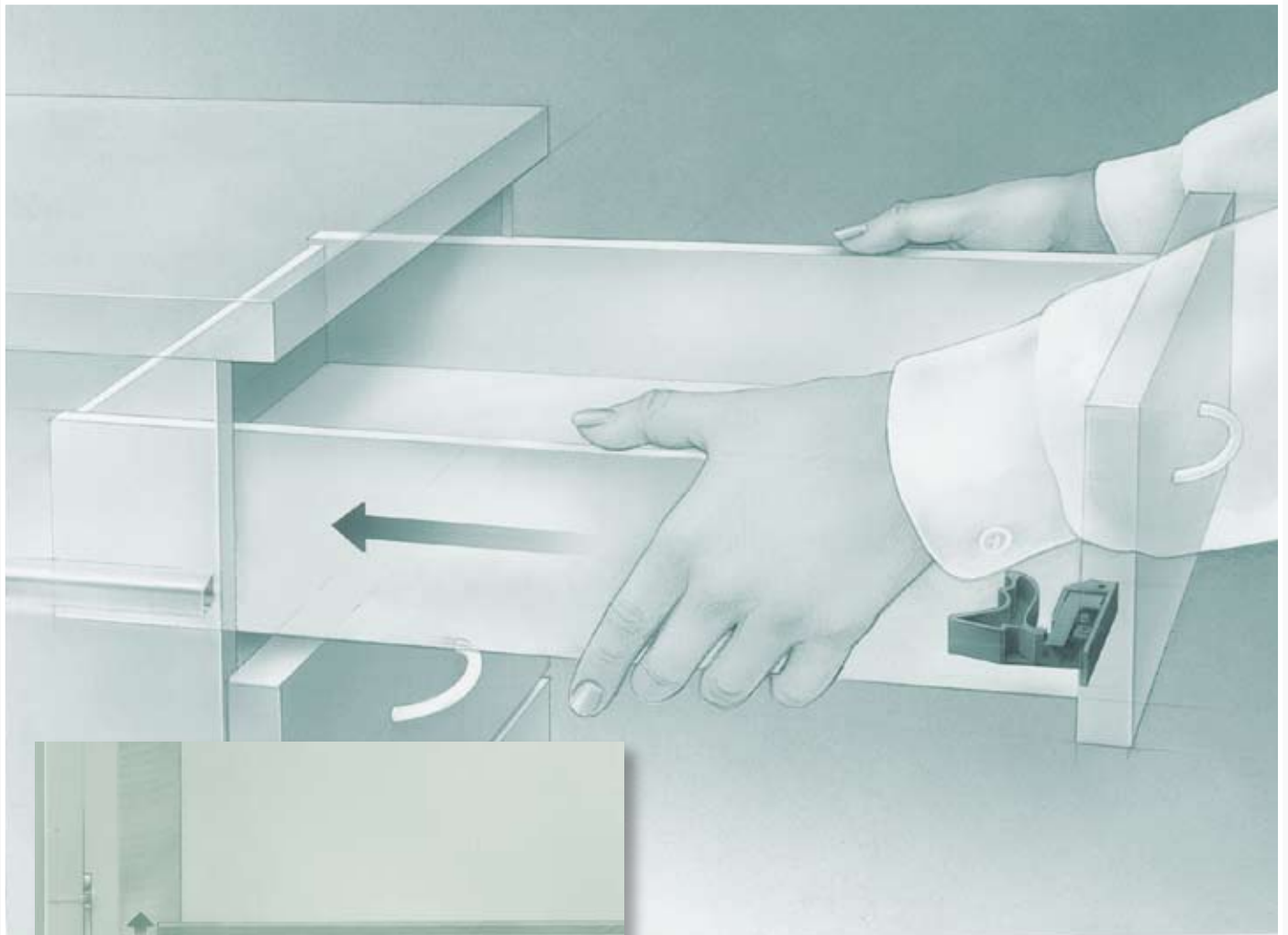
The drawer is fixed in position by the two locating pins at the front. The exact drawer height is set by turning the knurled disk on the locating pin.

#### Simple plug-on assembly

The drawer is inserted at an angle from above on the fully extended runners. Two holes at the back of the drawer pick up the hooks at the back of the runners. Pressing down the drawer engages the locating pins. The slightly conical pins slip easily into position and ensure precise and firm seating.

Removing the drawer is just as easy. The drawer is pulled out fully, lifted slightly and then removed from the runners.

## Slide-on assembly



### Toolless height adjustment

The integrated height adjustment makes for perfect front panel adjustment – no tools needed. The thumb-wheel – here shown blue – moves a wedge into position between the drawer bottom panel and runner.

### Simple slide-on assembly

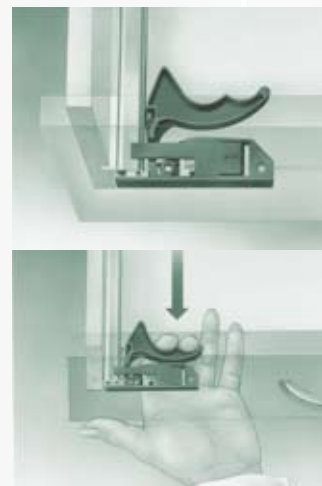
The drawer is placed on the runners and simply pushed into place.

### Solid connection

The catch automatically locks the drawer securely to the Quadro.

### Easy drawer removal

Unlatching the drawer and removing it from the runners is just as easy. The height setting is not changed when the drawer is removed.



# Quadro 25 H

## partial extension runner for wooden drawers



- Load capacity length-dependent up to 25 kg total weight (drawer plus contents)
- Perfect vertical and lateral stability.  
Optimal runner action thanks to precision steel balls running in tough, precision-manufactured steel tracks.
- Maintenance-free through self-cleaning ball tracks.
- Simple **plug-on assembly** and toolless **height adjustment** via thumbwheel on locating pin.

Item (load/length)	Order no. left	Order no. right	Drawer length	Hole spacing	Minimum cabinet depth**	Hole spacing b1	Extension loss AV
			mm*	C mm	mm	mm	mm
Quadro 25 H/250	900 713 0	900 713 1	210 - 250	188,5	220 - 260	160	50
Quadro 25 H/300	101 689 1	101 689 2	210 - 300	188,5	220 - 310	160	50
Quadro 25 H/350	101 014 0	101 014 1	240 - 350	221,5	250 - 360	192	62
Quadro 25 H/400	101 988 7	101 988 8	270 - 400	249,5	280 - 410	224	74
Quadro 25 H/450	101 014 4	101 014 5	310 - 450	283,5	320 - 460	256	86
Quadro 25 H/500	101 688 5	101 688 6	330 - 500	309,5	340 - 510	288	98
Quadro 25 H/550	101 688 2	101 688 3	360 - 550	338,5	370 - 560	320	98

\* The integrated detent is only effective with the maximum drawer lengths as specified.  
For detent for shorter drawers see accessories.

\*\* The use of adapters with flush bottom panels increases the minimum cabinet depth by 3 mm.

Plastic adapters are required for drawers with flush bottom panel.



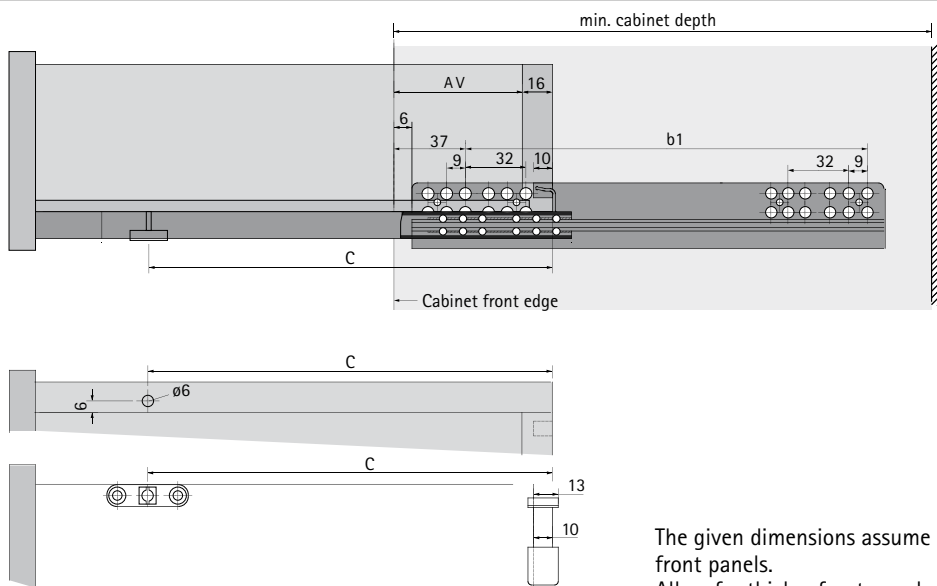
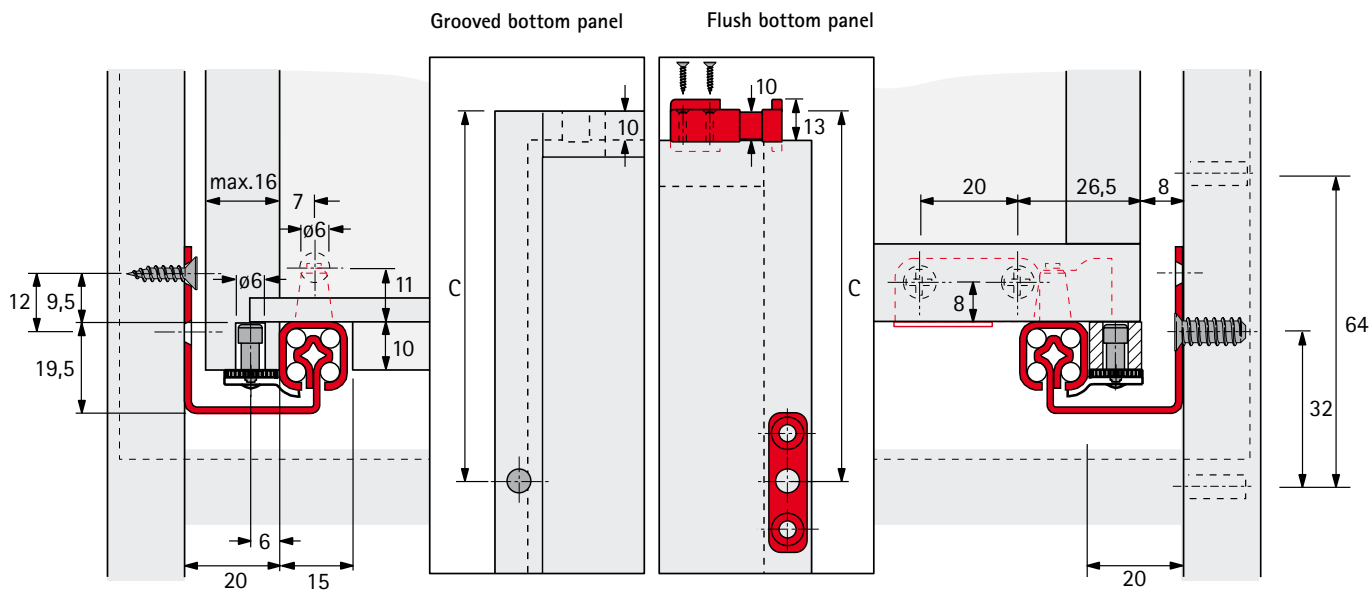
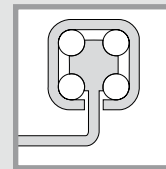
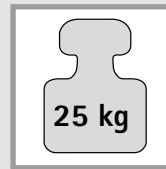
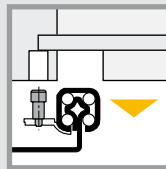
### Accessories

Detent for shorter drawers. Attach to drawer front panel.  
Order no. 100 846 6



Item	Finish	Order no.
Adapter (front)	beige	101 617 0
Adapter (back)	white	102 149 3

plug-on assembly and  
height adjustment  
with detent \*  
load capacity up to 25 kg

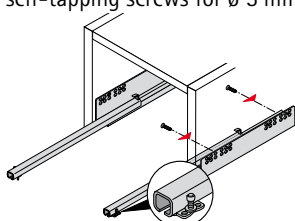


The given dimensions assume a 1.5 mm gap between front panels.  
Allow for thicker front panel stops in the hole pattern.

### Operating note

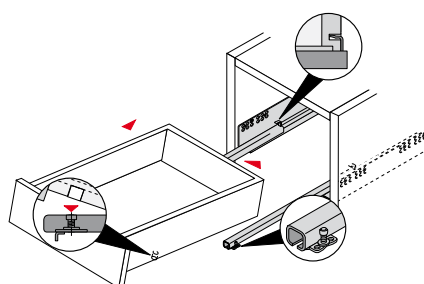
#### Quadro assembly

Attach the Quadro runner to the cabinet with  $\varnothing$  4 mm wood screws or self-tapping screws for  $\varnothing$  5 mm holes



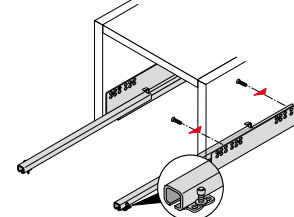
#### Assembly

##### Grooved bottom panel



#### Assembly

##### Flush bottom panel



The number of fixing screws depends on the total weight, the type of screws and the type of material used for the cabinet.

## Quadro 25 HG partial extension runner for wooden drawers



- Load capacity length-dependent up to 25 kg total weight (drawer plus contents)
- Perfect vertical and lateral stability.  
Optimal runner action thanks to precision steel balls running in tough, precision-manufactured steel tracks.
- Maintenance-free through self-cleaning ball tracks.
- STOP-CONTROL: integrated self-closing feature.
- Simple **plug-on assembly** and toolless **height adjustment** via thumbwheel on locating pin.

Item (load/length)	Order no. left	Order no. right	Drawer length	Hole spacing	Minimum cabinet depth*	Hole spacing b1	Extension loss AV
			mm	C mm	mm	mm	mm
Quadro 20 HG/250	104 307 1	104 307 2	250	188,5	260	160	50
Quadro 20 HG/300	104 307 4	104 307 5	300	188,5	310	160	50
Quadro 25 HG/320	105 641 6	105 641 7	320	221,5	330	192	62
Quadro 25 HG/350	104 307 7	104 307 8	350	221,5	360	192	62
Quadro 25 HG/380	105 642 8	105 642 9	380	249,5	390	224	62
Quadro 25 HG/400	104 308 0	104 308 1	400	249,5	410	224	74
Quadro 25 HG/450	104 308 3	104 308 4	450	283,5	460	256	86
Quadro 25 HG/500	104 308 7	104 308 8	500	309,5	510	288	98
Quadro 25 HG/550	104 309 0	104 309 1	550	338,5	560	320	98

\* The use of adapters with flush bottom panels increases the minimum cabinet depth by 3 mm.

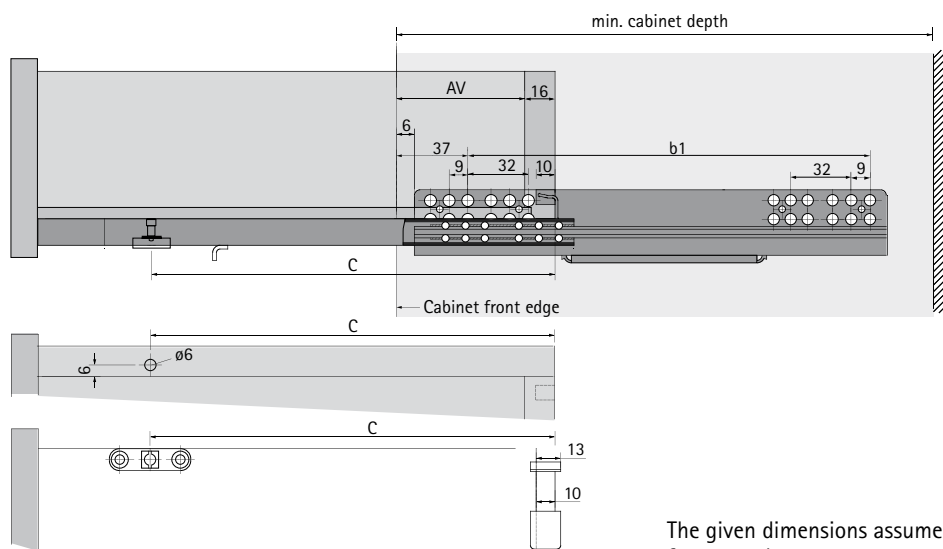
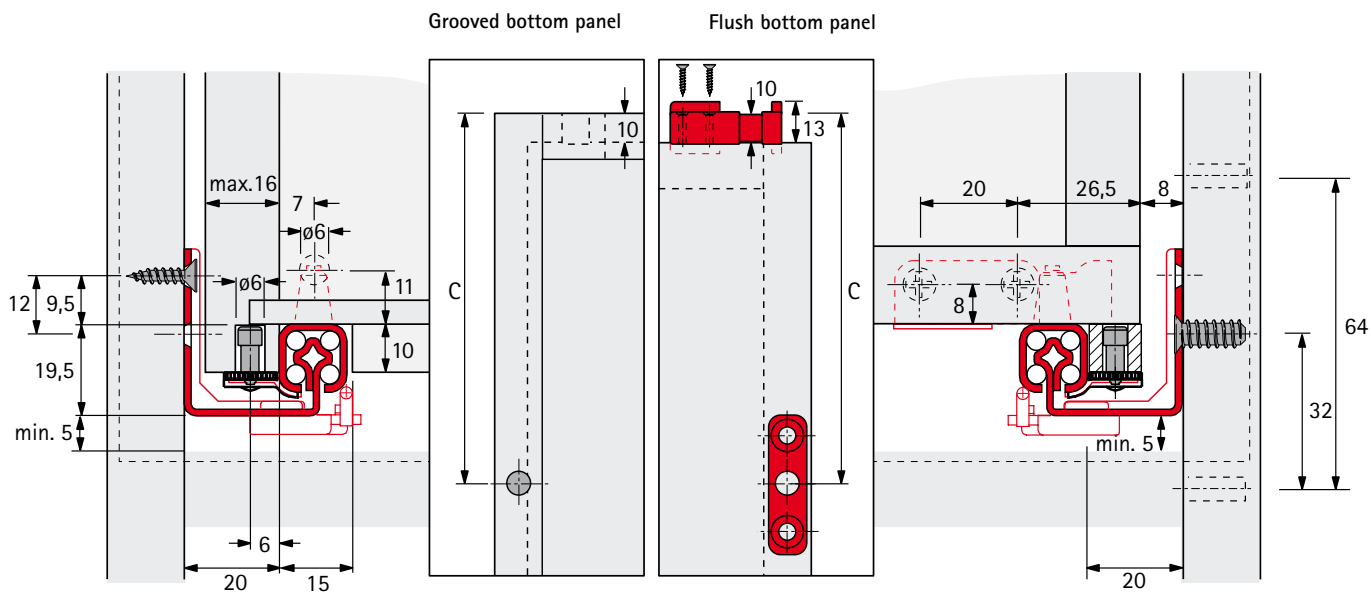
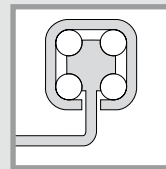
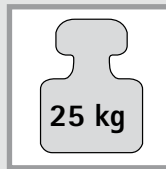
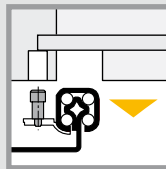
Plastic adapters are required for drawers with flush bottom panel.



Item	Finish	Order no.
Adapter (front)	beige	101 617 0
Adapter (back)	white	102 149 3



plug-on assembly  
and STOP-CONTROL  
load capacity up to 25 kg

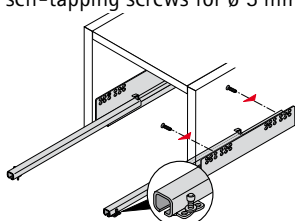


The given dimensions assume a 1.5 mm gap between front panels.  
Allow for thicker front panel stops in the hole pattern.

### Operating note

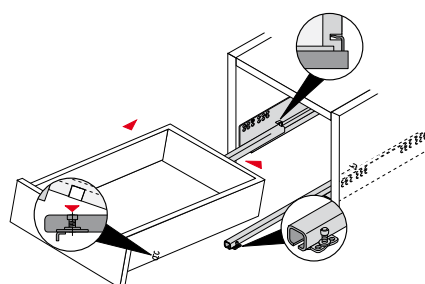
#### Quadro assembly

Attach the Quadro runner to the cabinet with  $\varnothing 4$  mm wood screws or self-tapping screws for  $\varnothing 5$  mm holes



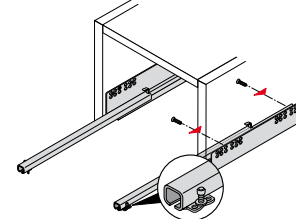
#### Assembly

##### Grooved bottom panel



#### Assembly

##### Flush bottom panel



The number of fixing screws depends on the total weight, the type of screws and the type of material used for the cabinet.

## Quadro 25 HD partial extension runner for wooden drawers with Silent System



- Load capacity length-dependent up to 25 kg total weight (drawer plus contents)
- Perfect vertical and lateral stability.  
Optimal runner action thanks to precision steel balls running in tough, precision-manufactured steel tracks.
- Maintenance-free through self-cleaning ball tracks.
- STOP-CONTROL: integrated self-closing feature.
- Simple **plug-on assembly** and toolless **height adjustment** via thumbwheel on locating pin.

Item (load/length)	Order no. left	Order no. right	Drawer length	Hole spacing	Minimum cabinet depth*	Hole spacing b1	Extension loss AV
			mm	C mm	mm	mm	mm
Quadro 20 HD/250	904 521 2	904 521 5	250	188,5	260	160	50
Quadro 20 HD/300	905 219 1	905 219 2	300	188,5	310	160	50
Quadro 22 HD/320	905 219 4	905 219 5	320	221,5	330	192	62
Quadro 22 HD/350	904 594 0	904 594 1	350	221,5	360	192	62
Quadro 22 HD/380	905 219 7	905 219 8	380	249,5	390	224	62
Quadro 25 HD/400	905 220 0	905 220 1	400	249,5	410	224	74
Quadro 25 HD/450	905 220 3	905 220 4	450	283,5	460	256	86
Quadro 25 HD/500	905 220 6	905 220 7	500	309,5	510	288	98
Quadro 25 HD/550	905 220 9	905 221 0	550	338,5	560	320	98

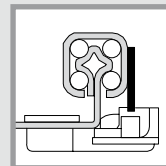
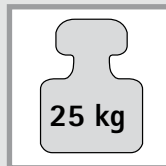
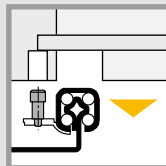
\* The use of adapters with flush bottom panels increases the minimum cabinet depth by 3 mm.

Plastic adapters are required for drawers with flush bottom panel.

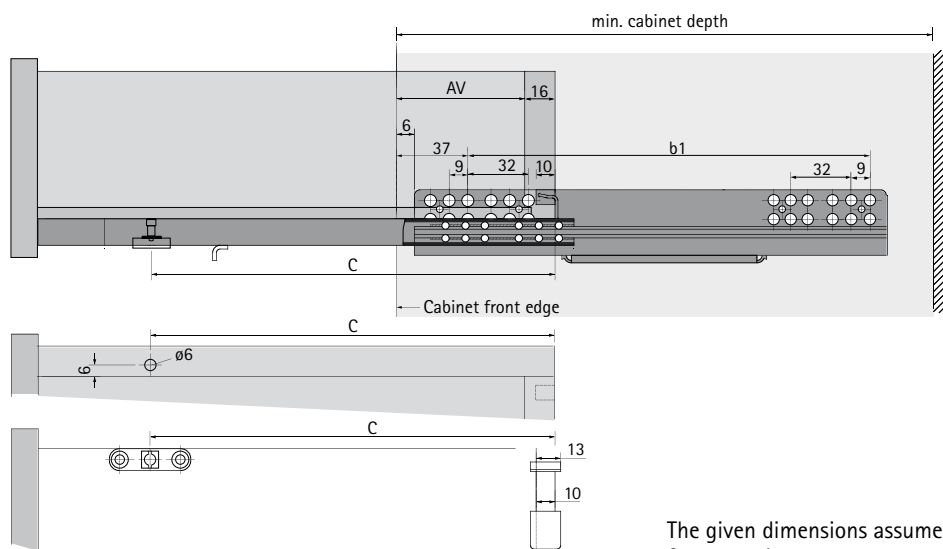
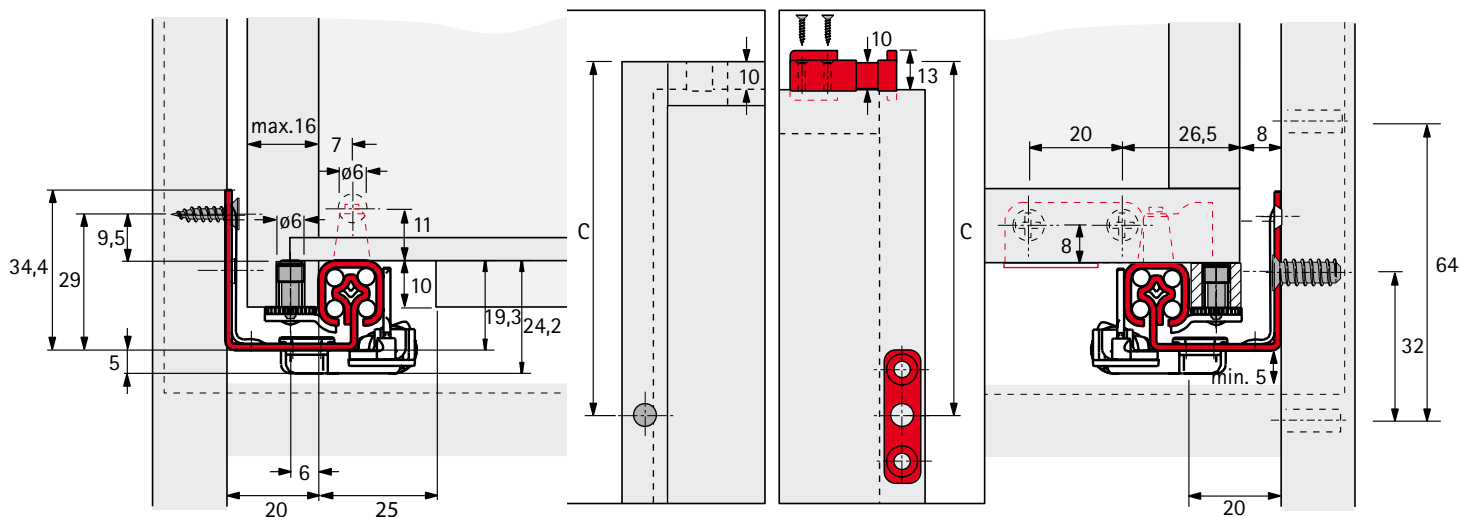


Item	Finish	Order no.
Adapter (front)	beige	101 617 0
Adapter (back)	white	102 149 3

plug-on assembly  
with Silent System  
load capacity up to 25 kg



Grooved bottom panel      Flush bottom panel

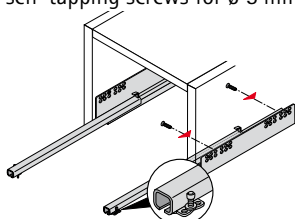


The given dimensions assume a 1.5 mm gap between front panels.  
Allow for thicker front panel stops in the hole pattern.

### Operating note

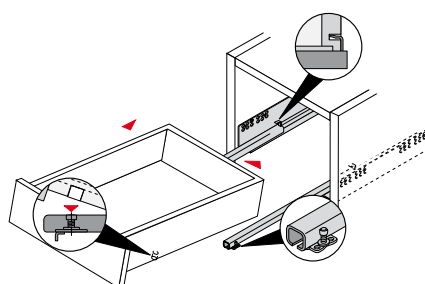
#### Quadro assembly

Attach the Quadro runner to the cabinet with  $\varnothing 4$  mm wood screws or self-tapping screws for  $\varnothing 5$  mm holes



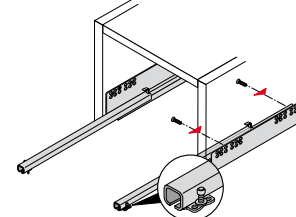
#### Assembly

##### Grooved bottom panel



#### Assembly

##### Flush bottom panel



The number of fixing screws depends on the total weight, the type of screws and the type of material used for the cabinet.

# Quadro 25 SFG

## partial extension runner for wooden drawers

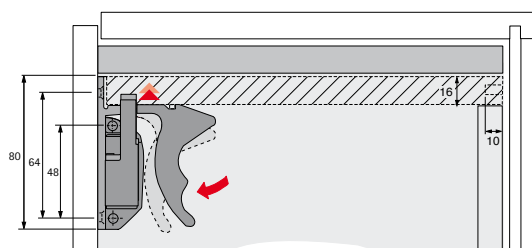


- Load capacity length-dependent up to 25 kg total weight (drawer plus contents)
- Perfect vertical and lateral stability.  
Optimal runner action thanks to precision steel balls running in tough, precision-manufactured steel tracks.
- Maintenance-free through self-cleaning ball tracks.
- STOP-CONTROL: integrated self-closing feature.
- **Slide-on assembly** – simply position the drawer with its premounted catch on the runner and push in fully. Done!
- Robust catch with integrated toolless height adjustment for perfect seating.
- **Flexibility through interchangeability** – swap between Quadropartial and full extension runners without changing the unit, drawer or front panel dimensions!

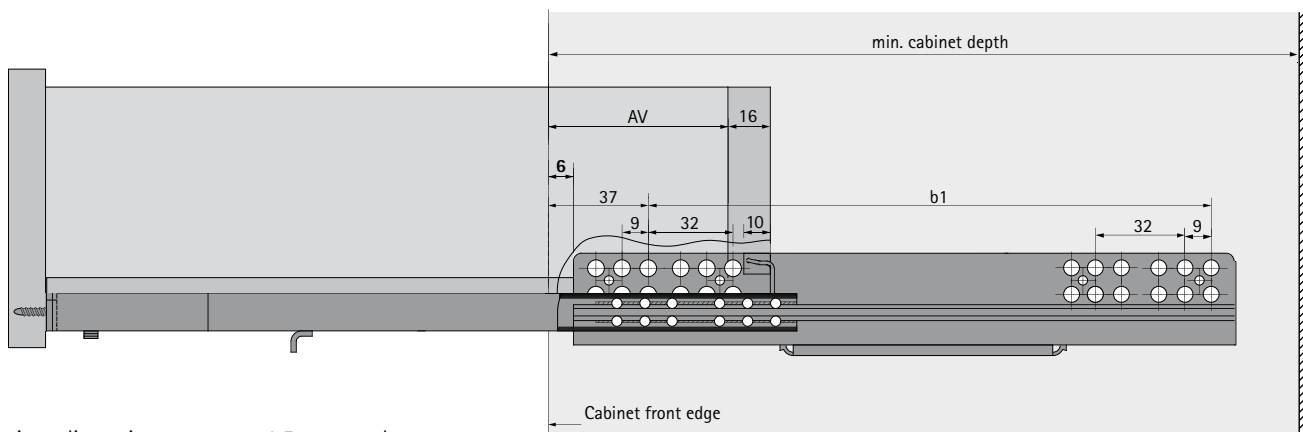
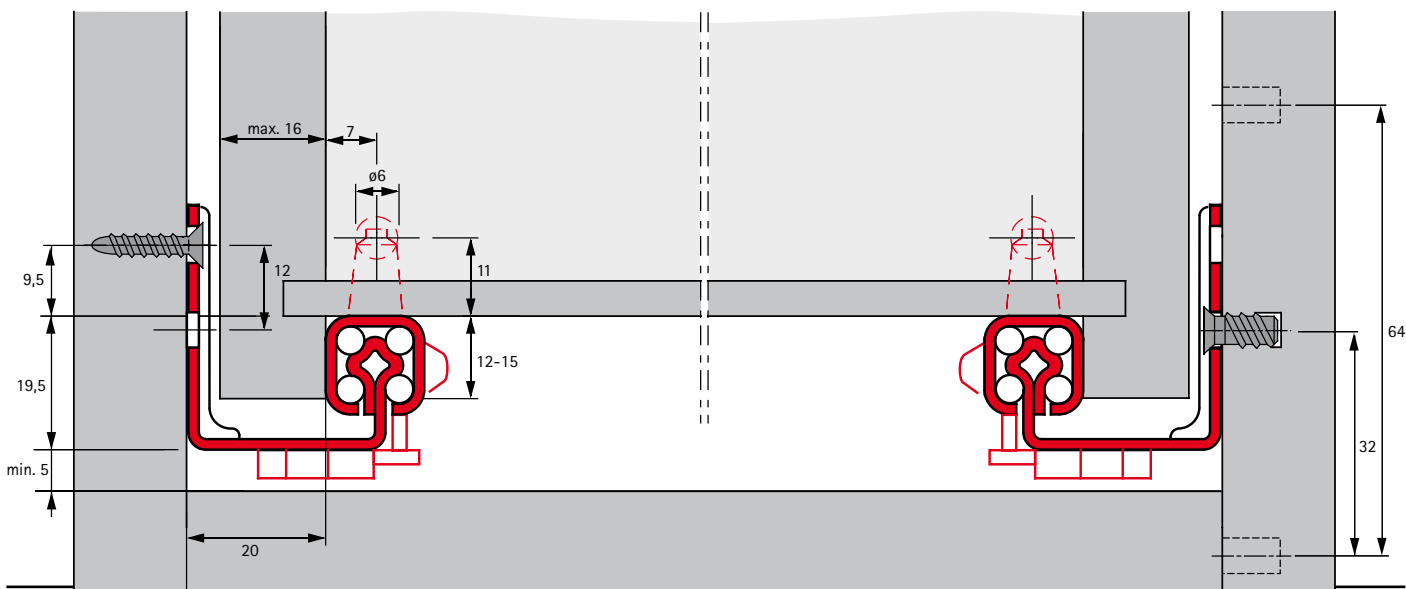
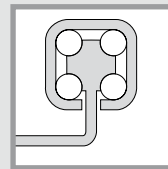
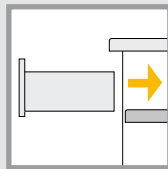
Item (load/length)	Order no. left	Order no. right	Drawer length mm	Minimum cabinet depth mm	Hole spacing b1 mm	Extension loss AV mm
Quadro 20 SFG/250	105 374 5	105 374 6	250	260	160	50
Quadro 20 SFG/280	102 994 8	102 994 9	280	290	160	50
Quadro 20 SFG/300	104 382 8	104 382 9	300	310	160	50
Quadro 25 SFG/320	102 995 1	102 995 2	320	330	192	62
Quadro 25 SFG/350	104 383 2	104 383 4	350	360	192	62
Quadro 25 SFG/380	102 986 8	102 986 9	380	390	224	62
Quadro 25 SFG/400	104 383 8	104 384 0	400	410	224	74
Quadro 25 SFG/420	102 987 1	102 987 2	420	430	224	74
Quadro 25 SFG/450	104 384 2	104 384 3	450	460	256	86
Quadro 25 SFG/480	102 995 4	102 995 5	480	490	256	86
Quadro 25 SFG/500	102 995 7	102 995 8	500	510	288	98
Quadro 25 SFG/520	102 987 4	102 987 5	520	530	288	98
Quadro 25 SFG/550	104 384 5	104 384 6	550	560	320	98
Quadro 25 SFG/600	104 384 9	104 385 0	600	610	352	110
Quadro 25 SFG/650	105 376 7	105 376 8	650	660	384	134

### Catch with integrated height adjustment

Item	Finish	Order no.
Catch left	black	106 749 4
Catch right	black	106 749 5



slide-on assembly  
and STOP-CONTROL  
load capacity up to 25 kg

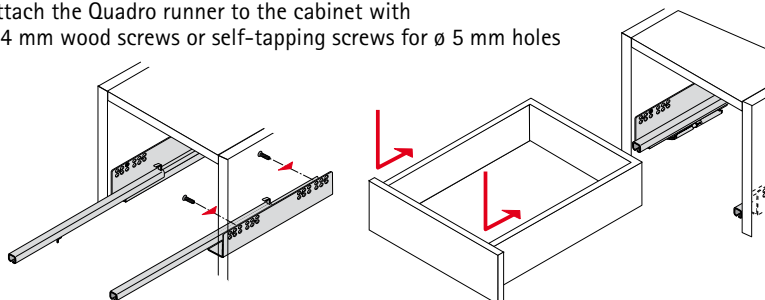


The given dimensions assume a 1.5 mm gap between front panels.  
Allow for thicker front panel stops in the hole pattern.

### Operating note

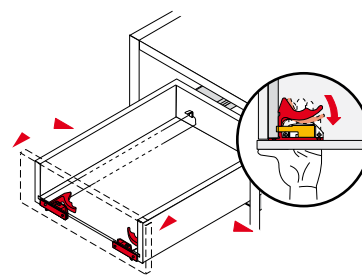
#### Quadro assembly

Attach the Quadro runner to the cabinet with  
ø 4 mm wood screws or self-tapping screws for ø 5 mm holes



The number of fixing screws depends on the total weight,  
the type of screws and the type of material used for the cabinet.

#### Disassembly



# Quadro 25 SFD

## partial extension runner for wooden drawers with Silent System

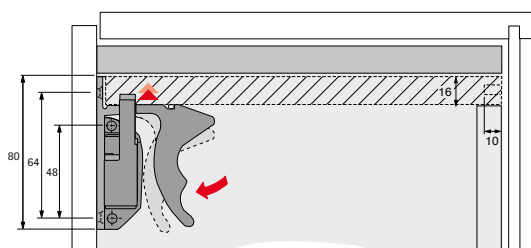


- Load capacity length-dependent up to 25 kg total weight (drawer plus contents)
- Perfect vertical and lateral stability.  
Optimal runner action thanks to precision steel balls running in tough, precision-manufactured steel tracks.
- Maintenance-free through self-cleaning ball tracks.
- STOP-CONTROL: integrated self-closing feature.
- **Slide-on assembly** – simply position the drawer with its pre-mounted catch on the runner and push in fully. Done!
- Robust catch with integrated toolless height adjustment for perfect seating.
- **Flexibility through interchangeability** – swap between Quadropartial and full extension runners without changing the unit, drawer or front panel dimensions!

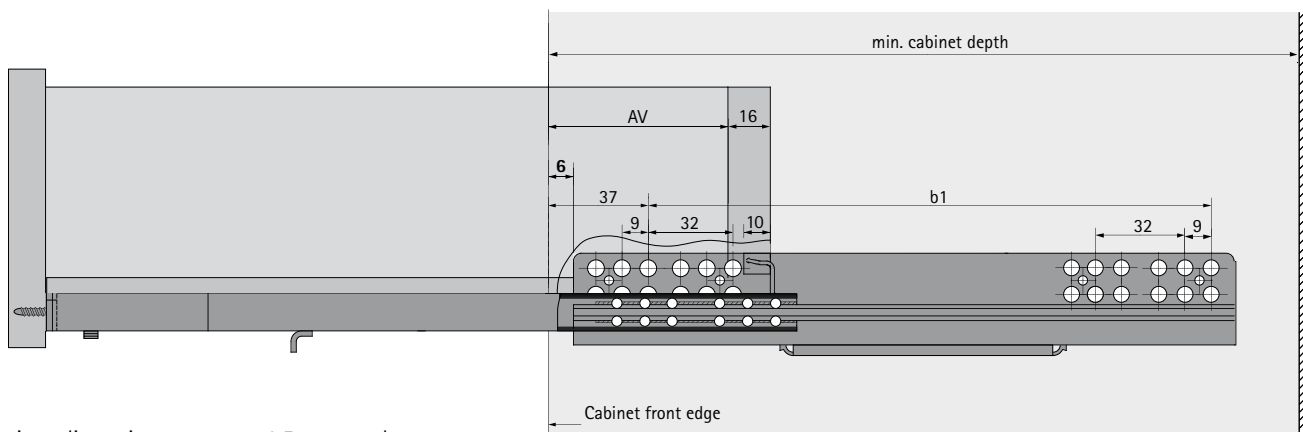
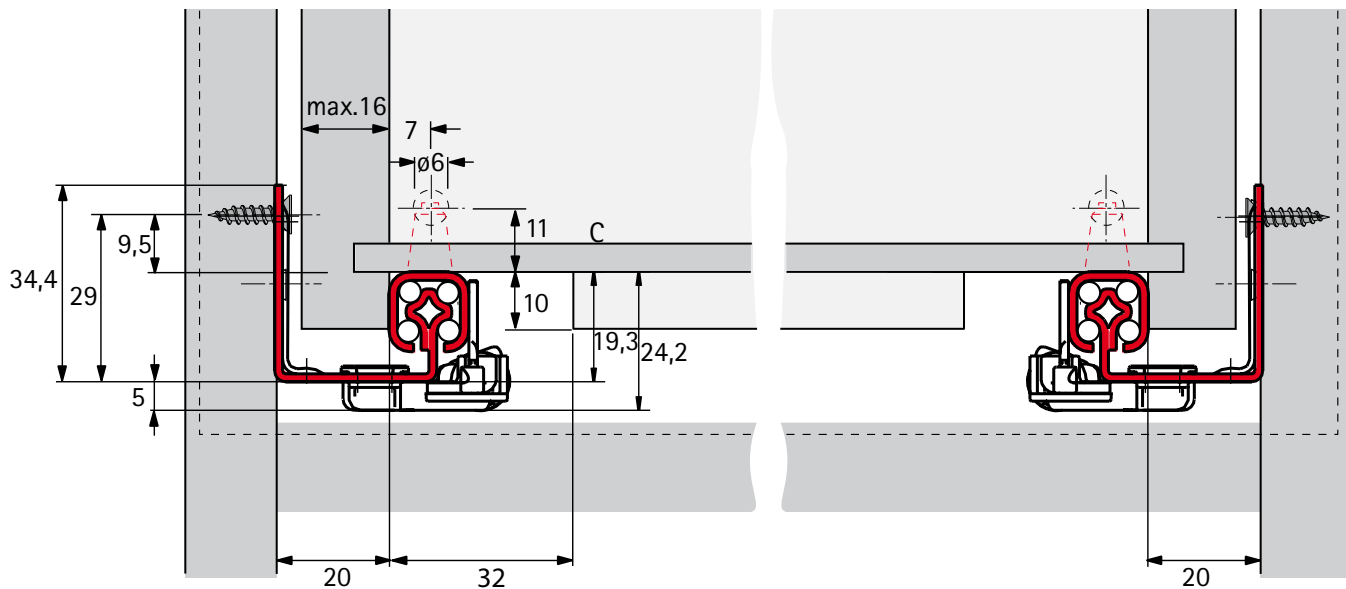
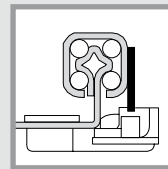
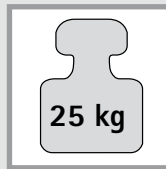
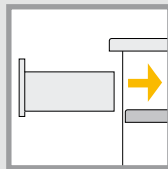
Item (load/length)	Order no. left	Order no. right	Drawer length mm	Minimum cabinet depth mm	Hole spacing b1 mm	Extension loss AV mm
Quadro 20 SFD/250	904 529 1	904 529 3	250	260	160	50
Quadro 20 SFD/280	905 095 3	905 095 4	280	290	160	50
Quadro 20 SFD/300	904 960 1	904 960 6	300	310	160	50
Quadro 22 SFD/320	904 910 8	904 910 9	320	330	192	62
Quadro 22 SFD/350	904 827 4	904 827 5	350	360	192	62
Quadro 22 SFD/380	904 944 6	904 944 7	380	390	224	62
Quadro 25 SFD/400	904 531 5	904 531 6	400	410	224	74
Quadro 25 SFD/420	905 095 7	905 095 8	420	430	224	74
Quadro 25 SFD/450	904 831 0	904 831 1	450	460	256	86
Quadro 25 SFD/480	905 096 1	905 096 3	480	490	256	86
Quadro 25 SFD/500	904 910 1	904 910 2	500	510	288	98
Quadro 25 SFD/520	905 096 9	905 097 0	520	530	288	98
Quadro 25 SFD/550	905 200 8	905 200 9	550	560	320	98
Quadro 25 SFD/580	905 214 4	905 214 5	600	610	352	110
Quadro 25 SFD/600	905 215 5	905 215 6	650	660	384	134

### Catch with integrated height adjustment

Item	Finish	Order no.
Catch left	black	106 749 4
Catch right	black	106 749 5



slide-on assembly  
with Silent System  
load capacity up to 25 kg

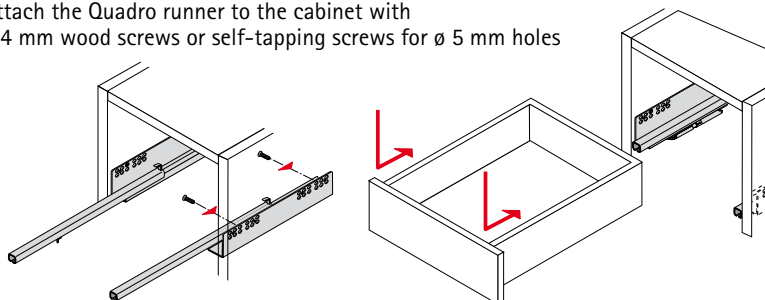


The given dimensions assume a 1.5 mm gap between front panels.  
Allow for thicker front panel stops in the hole pattern.

### Operating note

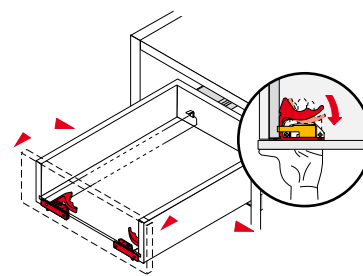
#### Quadro assembly

Attach the Quadro runner to the cabinet with  $\varnothing 4$  mm wood screws or self-tapping screws for  $\varnothing 5$  mm holes



The number of fixing screws depends on the total weight, the type of screws and the type of material used for the cabinet.

#### Disassembly



# Quadro V6

## full extension runner

### for wooden drawers

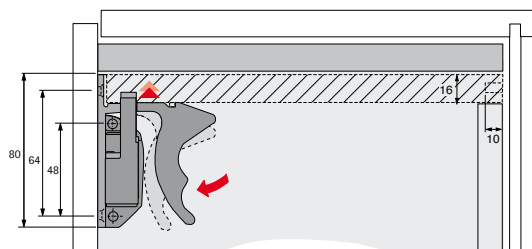


- Load capacity length-dependent up to 30 kg total weight (drawer plus contents)
- Perfect vertical and lateral stability.  
Optimal runner action thanks to precision steel balls running in tough, precision-manufactured steel tracks.
- Maintenance-free through self-cleaning ball tracks.
- The integrated detent prevents accidental opening.
- **Slide-on assembly** – simply position the drawer with its premounted catch on the runner and push in fully. Done!
- Robust catch with integrated toolless height adjustment for perfect seating.
- **Flexibility through interchangeability** – swap between Quadro partial and full extension runners without changing the unit, drawer or front panel dimensions!

Item (load/length)	Order no. left	Order no. right	Drawer length mm	Min. cabinet depth mm	Hole spacing b1 mm	Hole spacing b2 mm
Quadro V6 15/280	104 247 8	104 248 0	280	290	160	-
Quadro V6 15/300	104 278 2	104 278 3	300	310	192	-
Quadro V6 15/320	104 265 8	104 265 9	320	330	192	-
Quadro V6 15/350	104 407 8	104 408 0	350	360	192	-
Quadro V6 15/380	104 266 1	104 266 2	380	390	224	-
Quadro V6 30/400	104 416 3	104 416 4	400	410	224	-
Quadro V6 30/420	104 248 5	104 248 6	420	430	224	-
Quadro V6 30/450	104 425 4	104 425 5	450	460	256	-
Quadro V6 30/480	104 248 8	104 248 9	480	490	256	-
Quadro V6 30/500	103 944 9	103 945 0	500	510	288	224
Quadro V6 30/520	104 248 2	104 248 3	520	530	288	224
Quadro V6 30/550	104 426 1	104 426 2	550	560	288	224

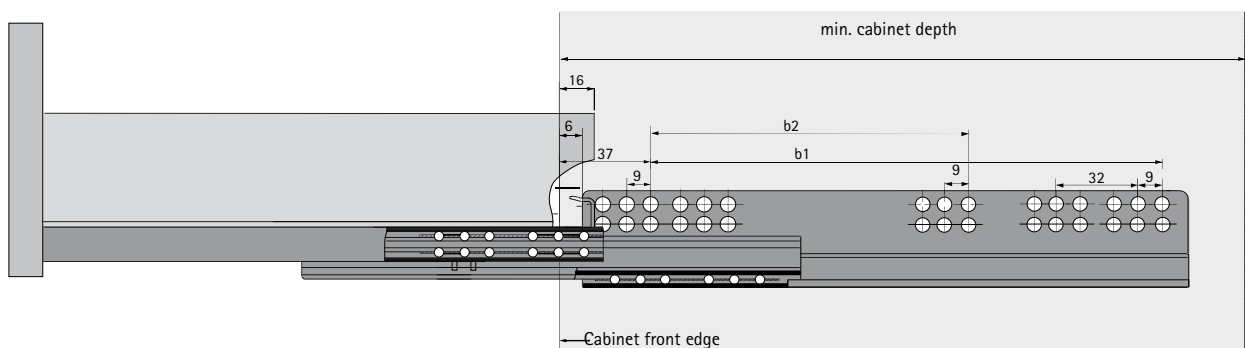
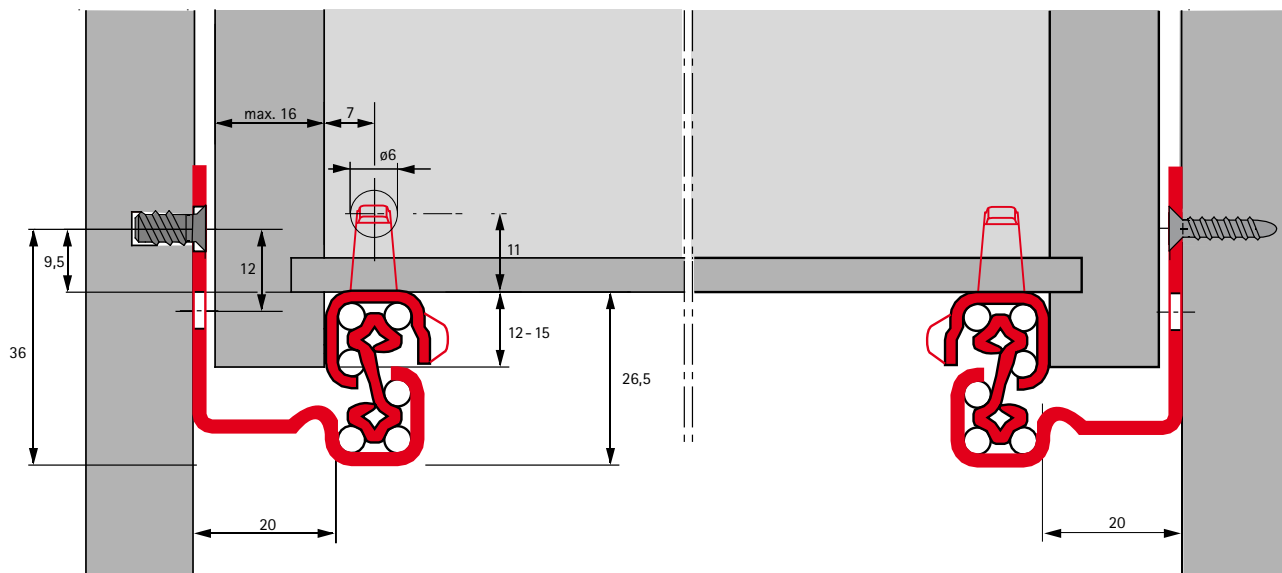
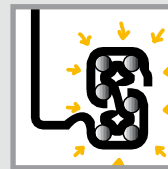
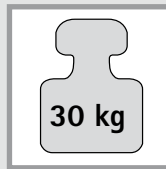
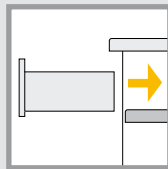
#### Catch with integrated height adjustment

Item	Finish	Order no.
Catch left	black	106 749 4
Catch right	black	106 749 5





slide-on assembly  
and STOP-CONTROL  
load capacity up to 30 kg

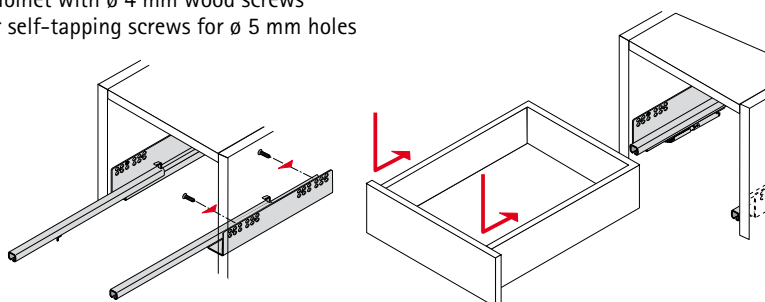


The given dimensions assume a 1.5 mm gap between front panels.  
Allow for thicker front panel stops in the hole pattern.

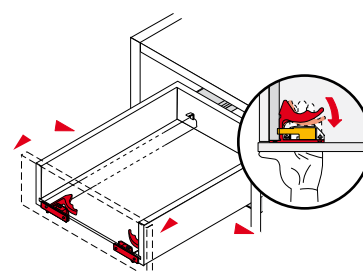
### Operating note

#### Quadro assembly

Attach the Quadro runner to the cabinet with  $\varnothing 4$  mm wood screws or self-tapping screws for  $\varnothing 5$  mm holes



#### Disassembly



The number of fixing screws depends on the total weight, the type of screws and the type of material used for the cabinet.

# Quadro V6

## full extension runner

### for wooden drawers

### with Silent System

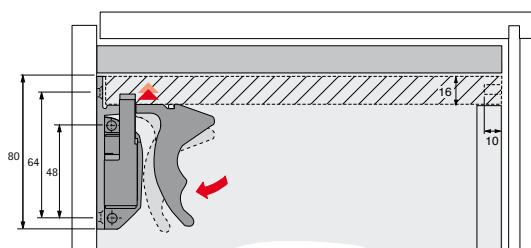


- Load capacity length-dependent up to 30 kg total weight (drawer plus contents)
- **Silent System:** the damping device integrated in Quadro V6 closes the drawer softly and soundlessly.
- Perfect vertical and lateral stability. Optimal runner action thanks to precision steel balls running in tough, precision-manufactured steel tracks.
- Maintenance-free through self-cleaning ball tracks.
- The integrated detent prevents accidental opening
- **Slide-on assembly** – simply position the drawer with its pre-mounted catch on the runner and push in fully. Done!
- Robust catch with integrated toolless height adjustment for perfect seating.
- **Flexibility through interchangeability** – swap between Quadro partial and full extension runners without changing the unit, drawer or front panel dimensions!

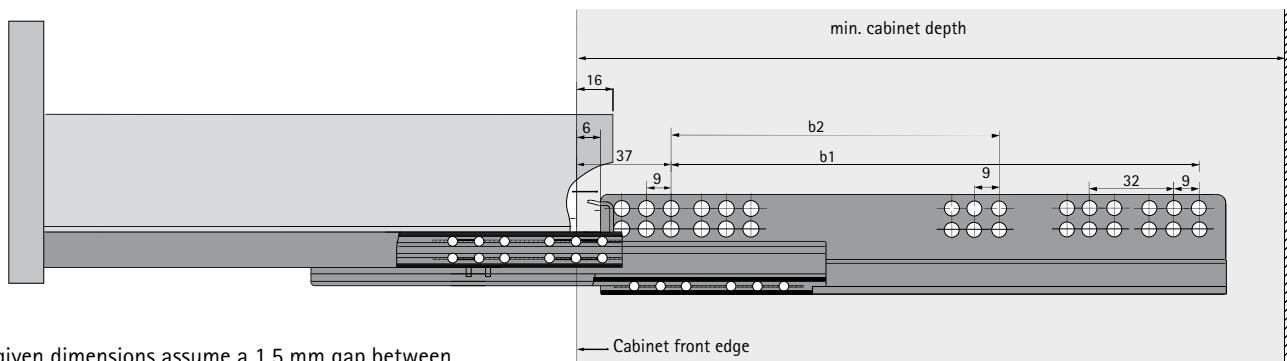
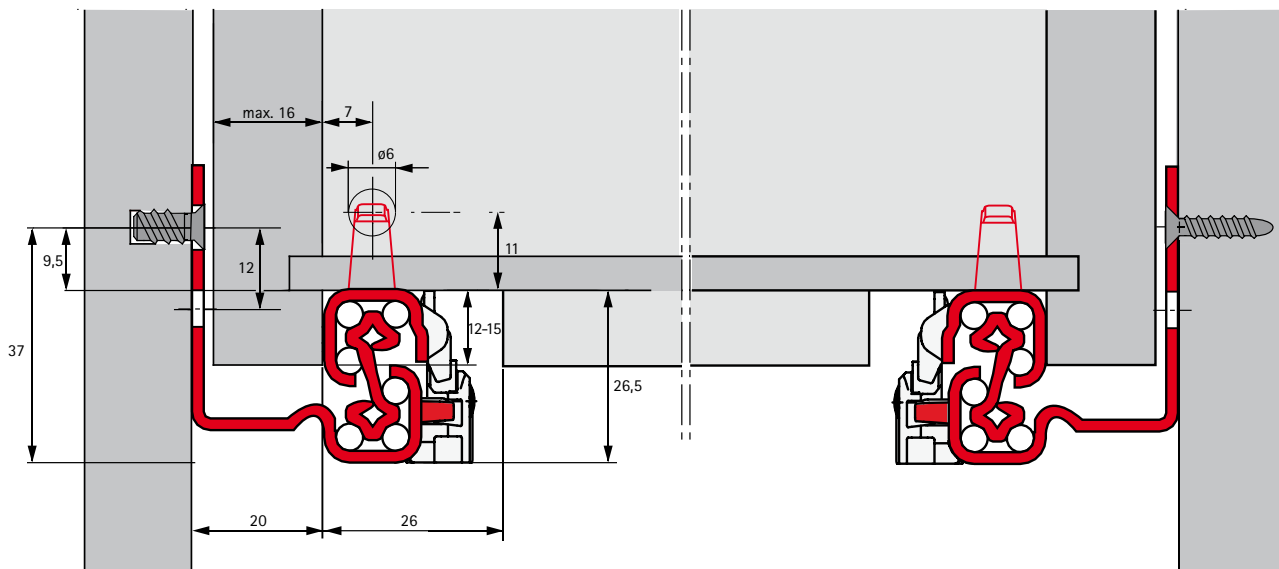
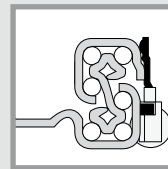
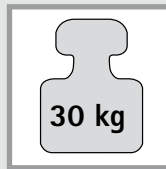
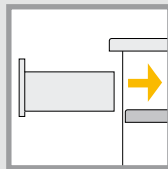
Item (load/length)	Order no. left	Order no. right	Drawer length mm	Min. cabinet depth mm	Hole spacing b1 mm	Hole spacing b2 mm
Quadro V6 15/280 Silent System	904 756 4	904 756 6	280	293	160	-
Quadro V6 15/300 Silent System	904 764 7	904 764 8	300	313	192	-
Quadro V6 15/320 Silent System	904 765 1	904 765 2	320	333	192	-
Quadro V6 15/350 Silent System	904 766 2	904 766 6	350	363	192	-
Quadro V6 15/380 Silent System	904 768 2	904 768 3	380	393	224	-
Quadro V6 30/400 Silent System	904 773 5	904 773 6	400	413	224	-
Quadro V6 30/420 Silent System	904 774 7	904 774 8	420	433	224	-
Quadro V6 30/450 Silent System	904 775 1	904 775 2	450	463	256	-
Quadro V6 30/480 Silent System	904 775 6	904 775 7	480	493	256	-
Quadro V6 30/500 Silent System	904 777 0	904 777 1	500	513	288	224
Quadro V6 30/520 Silent System	904 777 2	904 777 3	520	533	288	224
Quadro V6 30/550 Silent System	904 777 4	904 777 5	550	563	288	224

#### Catch with integrated height adjustment

Item	Finish	Order no.
Catch left	black	106 749 4
Catch right	black	106 749 5



slide-on assembly  
with Silent System  
load capacity up to 30 kg



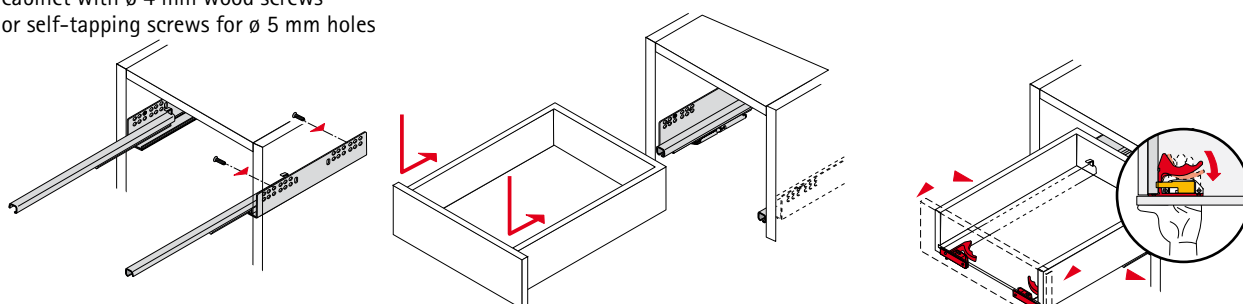
The given dimensions assume a 1.5 mm gap between front panels.  
Allow for thicker front panel stops in the hole pattern.

### Operating note

#### Quadro assembly

Attach the Quadro runner to the cabinet with  $\varnothing 4$  mm wood screws or self-tapping screws for  $\varnothing 5$  mm holes

#### Disassembly



The number of fixing screws depends on the total weight, the type of screws and the type of material used for the cabinet.



Hettich Marketing- und Vertriebs GmbH & Co. KG  
P.O. Box 1240 · 32269 Kirchlengern · Germany · Phone + 49 5223 77-0 · E-mail: [info@de.hettich.com](mailto:info@de.hettich.com)  
**[www.hettich.com](http://www.hettich.com)**