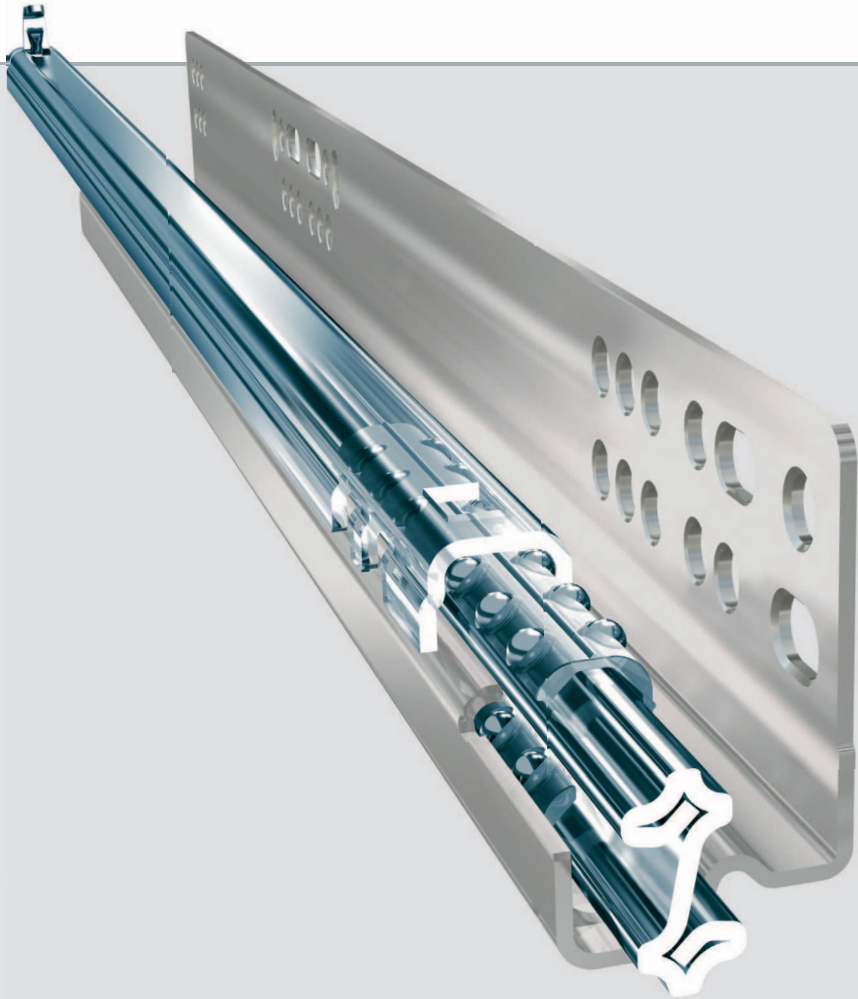


Quadro slides – for lifetime satisfaction



End-to-end quality

Quadro slides have a supreme track record for quality and reliability. Master-minded over 20 years ago and continually improved, they embody hardware technology at its best from Germany's largest cabinet hardware manufacturer.

Self-cleaning

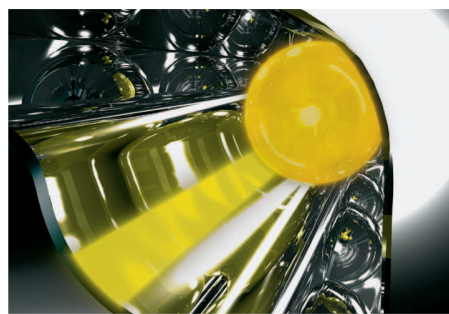
Dirt doesn't stand a chance in a Quadro slide. The system is self-cleaning. Any dirt is simply swept aside by the steel ball bearings as they traverse along the track. Even after a long life, the silky smooth action will not be impaired by dirt particles.

High on durability

Steel ball bearings never lose their perfectly round shape even when they're on the move and under pressure. Depending on the Quadro version, up to 180 precision balls made of hardened steel guarantee the incredibly smooth sliding action.

Tracking stability

The special profiles and precision steel ball bearings work in perfect harmony. This tracking stability guarantees perfect drawer action. All forces are evenly distributed for excellent vertical and lateral stability.

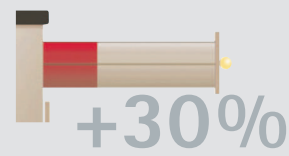


Quadro – the ball bearing principle for lifetime satisfaction



You'll barely hear a Quadro and you won't see it at all.

The concealed Quadro slide is a particularly good choice for high-quality cabinets: only the perfect function reveals the advanced technology that is built into the cabinets. Quadro full extension slides are compatible for face frame and frameless cabinets – with overlay or inset application.



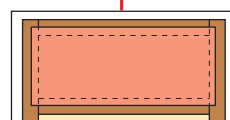
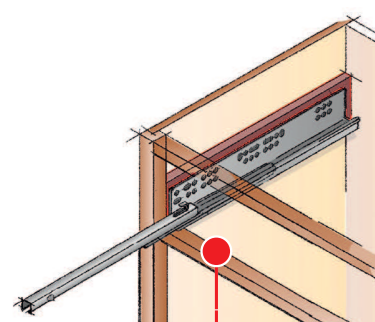
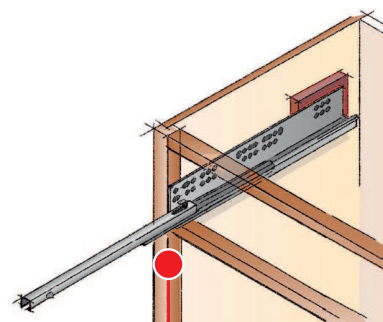
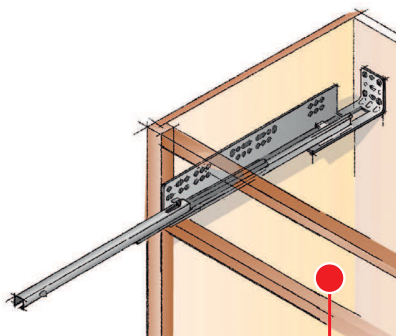
A full extension Quadro V6 offers full views on all drawer contents – 30 % more comfort than a comparable part extension!

Quadro V6 full extension permits 3 different configurations in face frame cabinets:

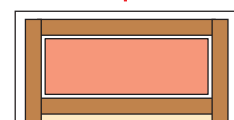
Face frame – rear attached

Face frame – side attached

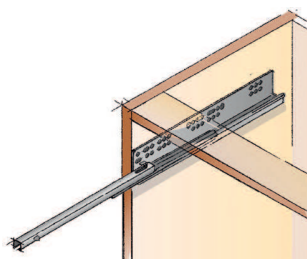
Inset application – side attached



Overlay



Inset



Also suitable for frameless cabinets.

Hettich and the environment: committed to responsible practice, active protection, innovative thinking.



Hettich takes a responsibility for the world we live in. This awareness defines the strict policy of environmental management we practise. Our environmental officer has taken personal responsibility for these aspects throughout the group of companies over a period of many years. In addition, a separate environment committee has been established for each production site. We regard statutory provisions as minimum requirements. At significant sites we also implement the stringent EMAS Directive. And we drive forward developments that in the future will help to save even more raw materials and support the necessary endeavours towards sustainability.

Hettich standard for product materials

Hettich confirms its commitment by applying a rigid internal standard for product materials. This ensures that every product – from production to disposal – satisfies all environmental requirements. Products from Hettich come with a long life. Appropriately foresighted, our rigorous standards are formulated to ensure that international legislation is met as well. This provides a reliable basis for marketing hardware world-wide.

Hettich environmental management

In 1996 Hettich started introducing effective environmental management systems under the stringent EMAS Regulation (currently: EC Regulation No. 761/2001, including EN ISO 14.001/2004). This not only enables us to improve our environmental performance on a broad front but also to achieve a high level of safety, which also benefits our customers. This is why we also require our suppliers to meet the necessary minimum standards of environmental protection, industrial safety, health care and social welfare. The results achieved in the drawer-runner and drawer-system product segment at the Kirchlengern operation illustrate the impressive effects these measures have and verifiably demonstrate our tireless endeavours to translate words into action:

Relief to the environment between 1997 and 2008:

Specific water consumption:	56 per cent
Specific power consumption:	21 per cent
Specific heat consumption:	84 per cent
Specific CO2 emissions:	29 per cent

Quadro V6 IW21 full extension drawer slide

► For face frame or frameless cabinetry



- Meets or exceeds ANSI/BHMA 156.9 grade 1 requirements
- Dynamic load capacity up to 75 lbs* (total, drawer incl. contents)
- Choose from two comfortable closing systems:
 Stop Control - standard self-closing system
 Silent System - integrated damping device that closes the drawer softly and quietly
- Perfect vertical and lateral stability:
 the well proven technology ensures optimal slide action through precision-guided steel ball bearings
- Maintenance-free through self-cleaning ball tracks
- For 16 mm (5/8") or 13 mm (1/2") drawer panel thickness
- Also available: Full Access Quadro - Hettich's optimised partial extension undermount slide with minimised extension loss

* as per ANSI/BHMA 156.9 grade 1 specifications on a 18" length slide. Length-dependent.

Quadro V6 IW21 full extension drawer slide

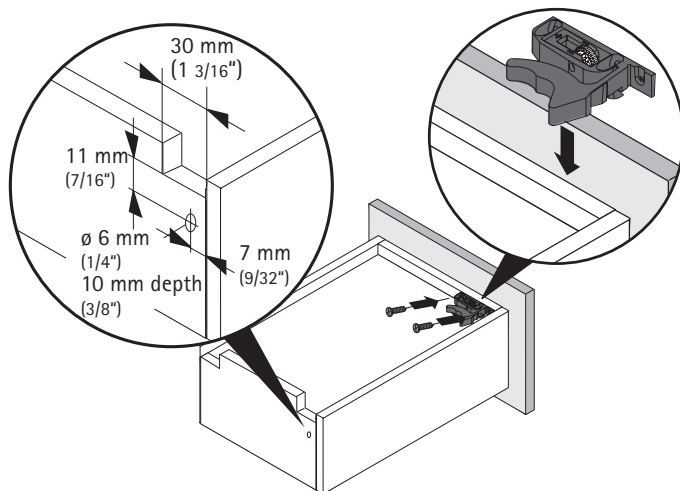
Item	Drawer box length		Order no.* set with Stop Control	Order no.* set with Silent System	QTY
	mm	(inch)			
Quadro V6 9"	229 mm	(9")	9 134 394	9 134 399	10
Quadro V6 12"	305 mm	(12")	9 134 391	9 134 388	10
Quadro V6 15"	381 mm	(15")	9 134 365	9 134 368	10
Quadro V6 18"	457 mm	(18")	9 134 336	9 134 339	10
Quadro V6 21"	533 mm	(21")	9 134 276	9 134 329	10
Quadro V6 24"	610 mm	(24")	-	9 134 273	10

IW = Installation width

Front fixing clip set



- Set contains one front fixing clip left/right each
- For 5/8" [16 mm] or 1/2" [13 mm] drawer subfront thickness
- With + 2.0 mm height adjustment
- Minimum drawer inside width = 165 mm (6 1/2")
- Installation recommended with two #6 - #8 x 3/4" flat head screws per clip

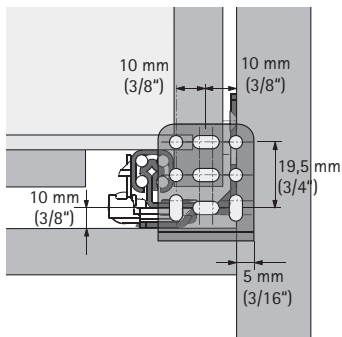
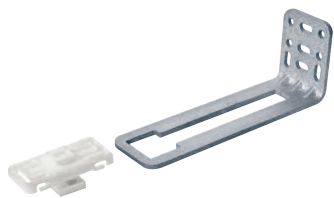


Item	Order no.	QTY
Front fixing clip set for 5/8"	9 140 413	100
	9 140 415	10
Front fixing clip set for 1/2"	9 140 416	100
	9 140 417	10

► Advice

Dimensions in millimeters (inch approximations as noted). Subject to technical modification without notice.

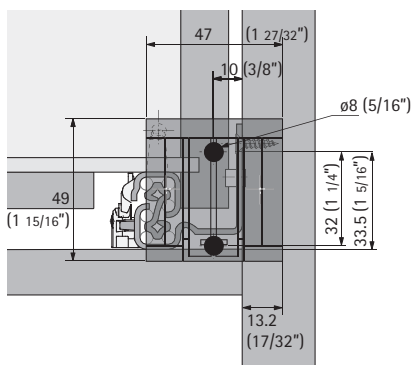
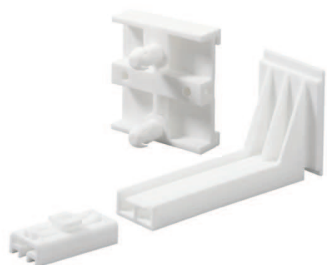
Metal rear attachment set (screw-on)



- ▶ 2 metal rear mount brackets
- ▶ 2 connectors, plastic
- ▶ Non-handed, two-piece design
- ▶ For up to 50 mm (1 15/16") depth adjustment and ± 1.5 mm (1/16") side adjustment
- ▶ Additional adjustment via oblong holes
- ▶ Installation recommended with min. four #6 pan head screws or similar

Item	Order no.	QTY
Rear attachment set	9 055 093	10

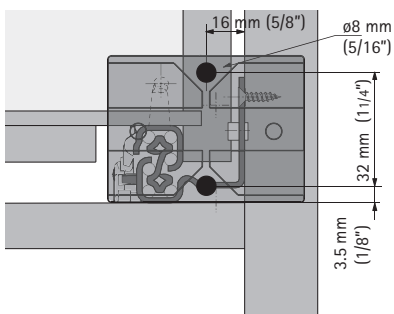
Plastic rear attachment (plug-in)



- ▶ 2 plastic rear mount brackets with dowels
- ▶ 2 connectors, plastic
- ▶ Non-handed, two-piece design (pre-assembled)
- ▶ For up to 27 mm (1 1/16") depth adjustment and 19 mm (3/4") side-to-side self-alignment
- ▶ Non-detachable 5/6" (8 mm) dowels, 16 mm / (5/8") long
- ▶ For 3/8" rear panel material thickness

Item	Order no.	QTY
Rear attachment set (plug-in)	9 052 226	100

Plastic rear attachment (TennTex Solutions)



- ▶ 2 plastic rear mount brackets
- ▶ 2 connectors, plastic
- ▶ Non-handed, two-piece design (pre-assembled)
- ▶ For up to 27 mm (1 1/16") depth adjustment and ± 16 mm (5/8") side-to-side self-alignment
- ▶ Non-detachable 8 mm dowels
- ▶ For 1/8" rear panel material thickness.

Item	Order no.	QTY
Rear attachment	1 135 174	100

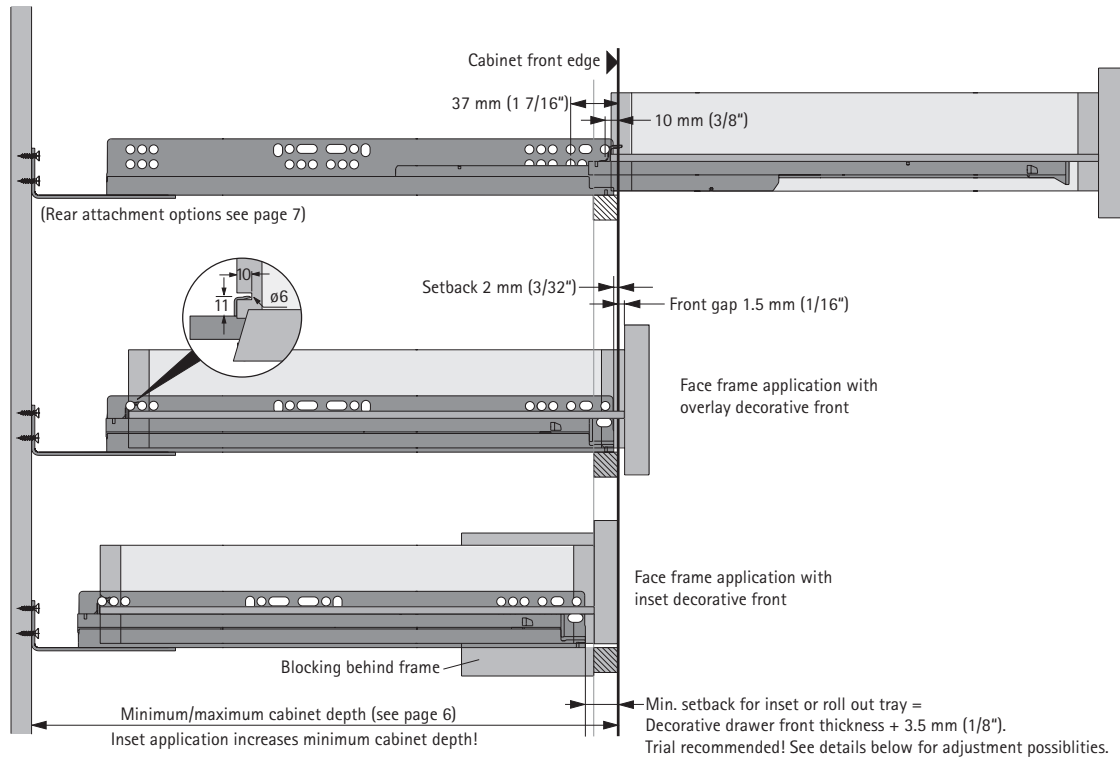
Minimum / maximum cabinet depth

Drawer box length mm (inch)	Min-Max cabinet depth with metal rear attachment mm (inch)	Min-Max cabinet depth with plastic rear attachment mm (inch)	Min-Max cabinet depth with plastic rear attachment (TennTex) mm (inch)
229 mm (9")	250-300 mm (9 7/8 - 11 3/4")	276-303 mm (10 7/8 - 11 15/16")	273 - 285 mm (10 3/4 - 11 1/4")
305 mm (12")	326-376 mm (12 7/8 - 14 3/4")	352-379 mm (13 7/8 - 14 15/16")	349 - 361 mm (13 3/4 - 14 3/4")
381 mm (15")	402-452 mm (15 7/8 - 17 3/4")	428-455 mm (16 7/8 - 17 15/16")	425 - 437 mm (16 3/4 - 17 3/4")
457 mm (18")	478-528 mm (18 7/8 - 20 3/4")	504-531 mm (19 7/8 - 20 15/16")	501 - 513 mm (19 3/4 - 20 3/4")
533 mm (21")	554-604 mm (21 7/8 - 23 3/4")	580-607 mm (22 7/8 - 23 15/16")	577 - 589 mm (22 3/4 - 23 3/4")
610 mm (24")	630 mm (24 7/8") no rear attachment, must be blocked out		

Quadro V6 IW21 full extension drawer slide

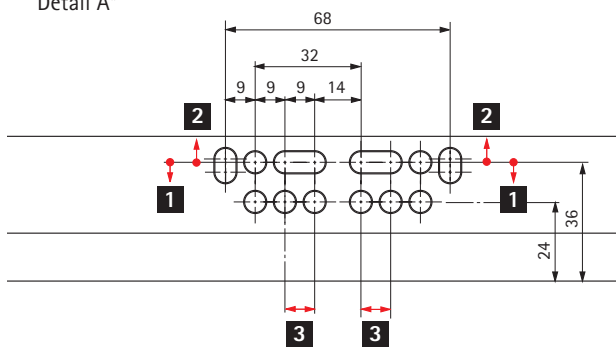
► For face frame or frameless cabinetry

Mounting specifications – face frame



Adjustment possibilities – cabinet profile details

Detail A*

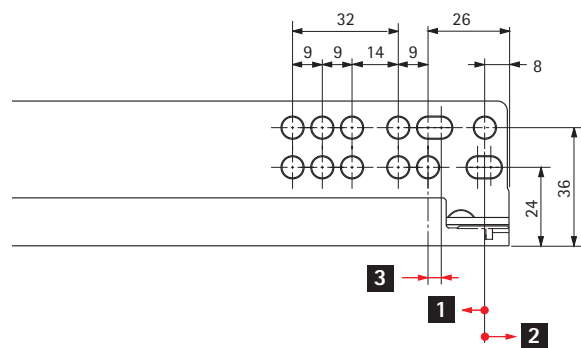


Drawer adjustments:

1	1 mm (1/32")	(down)
2	3 mm (1/8")	(up)
3	9 mm (3/8")	(range in/out)

Trial recommended!
Adjustment influences minium cabinet depth.

Detail B*



Drawer adjustments:

1	1.5 mm (1/16")	(in)
2	2.5 mm (3/32")	(out)
3	4 mm (5/32")	(range in/out)

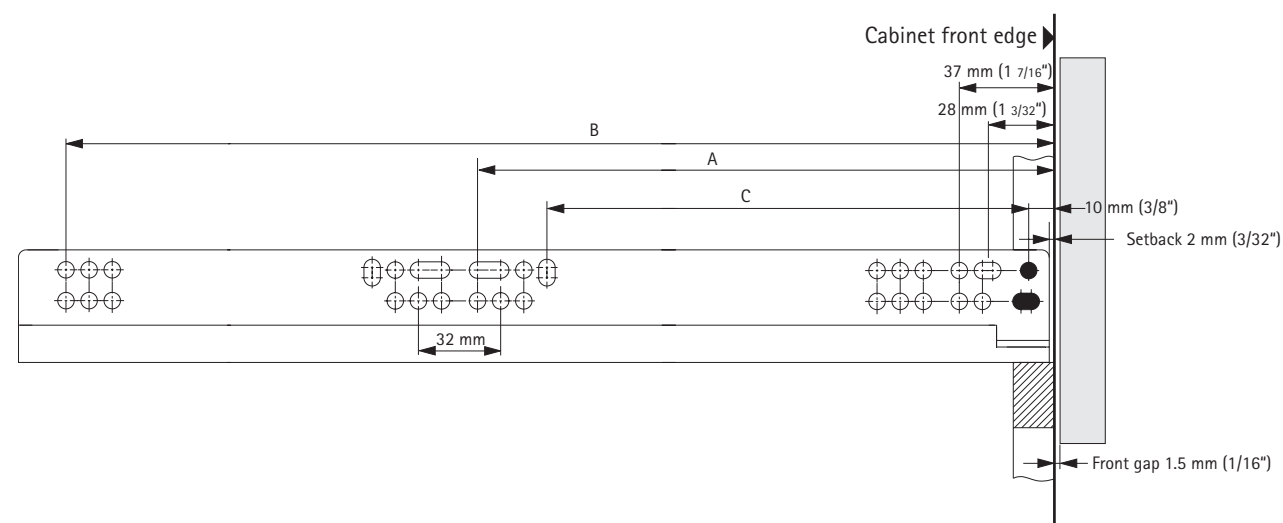
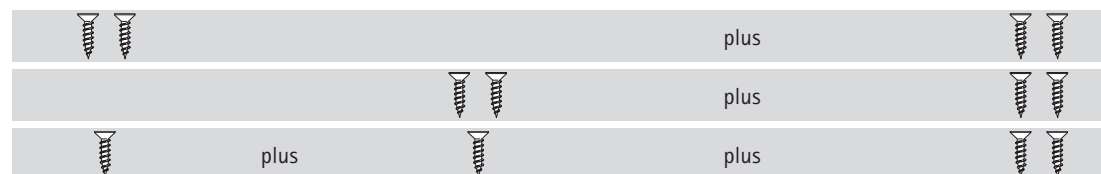
► Advice

Dimensions in millimeters (inch approximations as noted). Subject to technical modifications without notice.

Mounting specifications – frameless

Profile mounting specifications for side attachment (blocking or panel cabinets)

Installation recommended with minimum four Ø 4 mm flat head or Ø 6.3 x 14 mm Euro screws



Item	A		B		C		Minimum cabinet depth (blocking or panel cabinet)	
	mm	(inch)	mm	(inch)	mm	(inch)	mm	(inch)
Quadro V6 9"	133	(5 1/4)	229	(9)	96	(3 25/32)	250	(9 7/8)
Quadro V6 12"	165	(6 1/2)	261	(10 1/4)	128	(5 1/32)	326	(12 7/8)
Quadro V6 15"	165	(6 1/2)	357	(14 1/16)	128	(5 1/32)	402	(15 7/8)
Quadro V6 18"	261	(10 1/4)	453	(17 13/16)	224	(8 13/16)	478	(18 7/8)
Quadro V6 21"	261	(10 1/4)	517	(20 3/8)	224	(8 13/16)	554	(21 7/8)
Quadro V6 24"	261	(10 1/4)	453	(17 13/16)	224	(8 13/16)	630	(24 7/8)

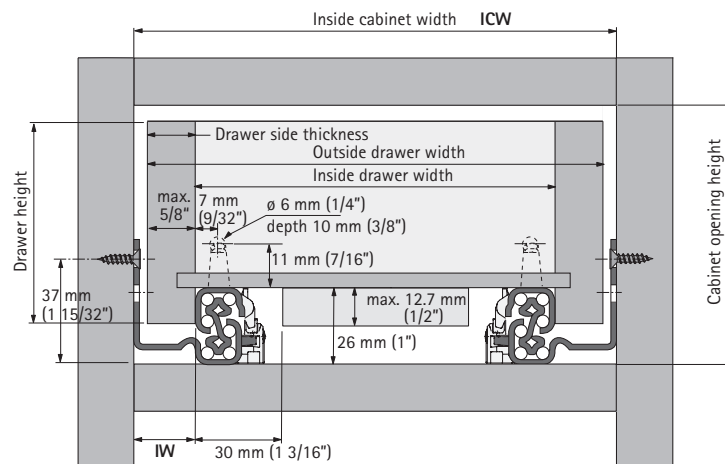
► Advice

See details for adjustment possibilities on page 8. Trial recommended!

Quadro V6 IW21 full extension drawer slide

► For face frame or frameless cabinetry

Drawer and cabinet dimensions



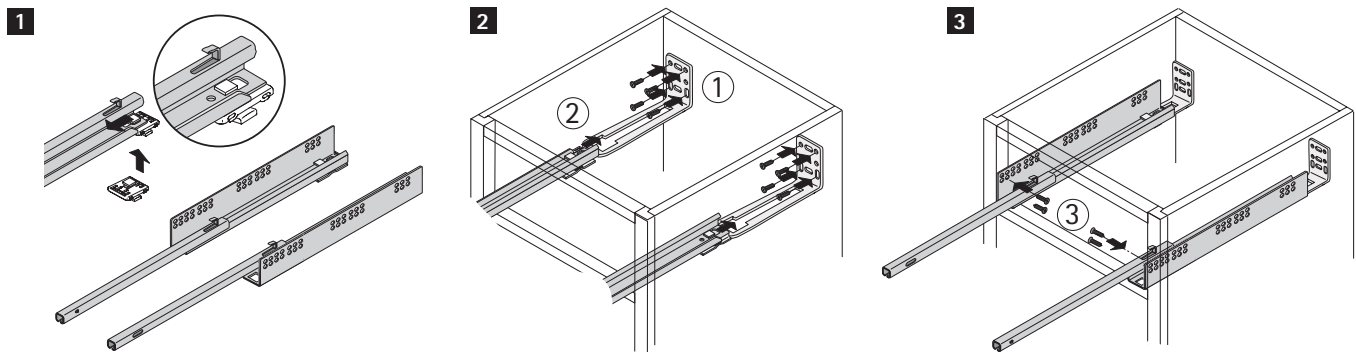
IW = Installation width	21 mm	
Drawer side thickness	1/2" (13 mm)	5/8" (16 mm)
Outside drawer width = ICW minus	5/8" (16 mm)	3/8" (10 mm)
Inside drawer width = ICW minus	1.21/32" (42 mm)	

Maximum drawer height = cabinet opening height minus 20 mm (13/16")

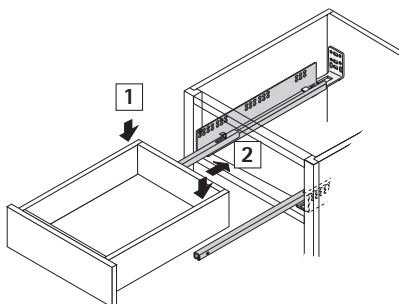
Minimum cabinet opening height = drawer height plus 20 mm (13/16")

Dimensions in millimeters (inch approximations as noted)

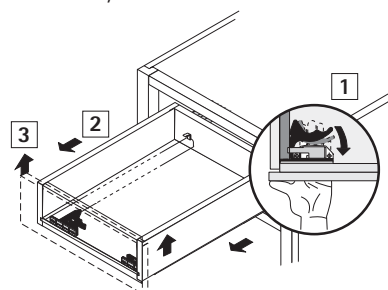
Assembly / Disassembly



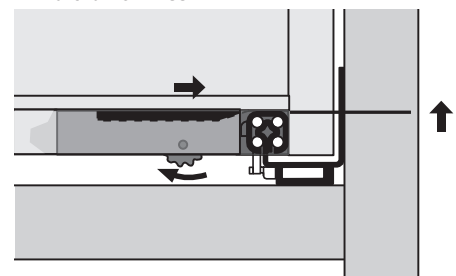
Drawer installation



Disassembly drawer



Toolless height adjustment + 2 mm via thumb wheel



Quadro V6 IW21 full extension drawer slide

- ▶ Technical Information
- ▶ Legal Notice



Application

Hettich slides are suitable for use in living room and kitchen cabinets both in the home and business environment (face frame and frameless construction).

Load capacity and over-extension guard

The load capacity ANSI/BHMA 156.9, grade 1 stated in the catalogue is understood to mean the weight of the drawer itself including contents.

All Hettich slides feature guards to prevent the drawer from rolling out and being removed unintentionally and meet the requirements of the impact test in a test frame to ANSI/BHMA 156.9, grade 1.

Fitted in the proper manner, the slides featured in this catalogue are suitable for cabinet demands as described by K.C.M.A.

Corrosion test

Hettich runner systems satisfy the requirements on corrosion defined in DIN EN 15338, 72-hour condensation-water test to DIN EN 6270.

Material specification

Zinc-plated steel slide with permanently lubricated synthetic ball bearing races, hardened steel balls; spring loaded self-closing mechanism/non-fluid damping mechanism; zinc-plated steel or synthetic rear bracket; synthetic front fixing clip.

General technical conditions

The fitting instructions, screw-fixing points and loading information specified in this catalogue assume proper attachment in a cabinet material providing a screw pull-out resistance of > 1,000 N in accordance with DIN EN 320. Hettich accepts no responsibility for the use of materials or fastening methods other than those stated. If other materials or methods of attachment are used, the cabinet manufacturer is required to verify the system's load-bearing capacity.

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July 2012

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