

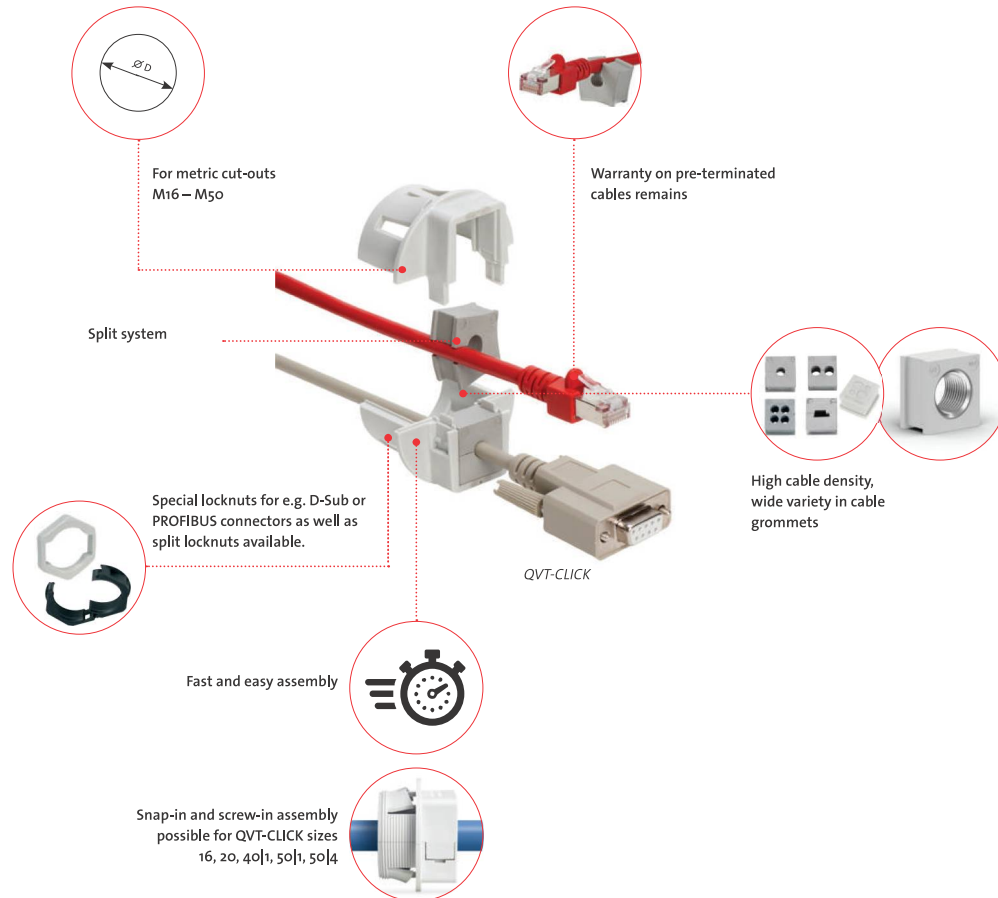
# 1.22 Split cable glands for the QT grommet system



By using split QVT cable glands by icotek cables with or without connectors or complete cable harnesses with diameters from 1 to 15 mm can be quickly routed into enclosures, cabinets or machines and be sealed with IP54 rated ingress protection.

The split system of the QVT cable glands enables quick and easy assembly which is great for retrofitting and maintenance. The cable is placed into the split grommet which is set into one of the gland halves. Depending on the size of the cable gland one, two or four separate grommets can be

installed. The two gland halves can be easily snapped together without the need of tools. The routed lines are securely sealed and held inside the grommets. To mount the cable glands either snap it into the round metric standard cut-out (sizes available from M16 to M50) or screw it with a hexagonal locknut. The mounting method is dependent on the model type.



## Split cable glands for snap-in or screw-in assembly with IP54 rating QVT | QVT-CLICK

QVT and QVT-CLICK are circular split frames for quick and easy installation of pre-terminated cables or complete cable harnesses. But also electric, pneumatic or hydraulic lines without terminals or connectors as well as corrugated conduits can be easily routed and sealed with IP54. Because of its extremely compact design, the QVT/QVT-CLICK range is especially suitable for small machines, devices and instruments.

The cable glands are easy to install. The prefabricated cable is placed into the split grommet which is set into one of the gland halves. Depending on the size of the cable gland, one, two or four separate grommets can be installed. By using multi-hole grommets up to 16 lines can be routed with one cable gland.

The QVT-CLICK can be assembled without tools from the front of the enclosure wall. Sizes QVT-CLICK 16, QVT-CLICK 20, QVT-CLICK 40|1, QVT-CLICK 50|1 and QVT-CLICK 50|4 can also be screwed on with a lock nut.

QVT: Polyamide lock nuts as well as a sealing ring are included in the shipment. QVT-CLICK: A sealing ring is included in the shipment.

### Advantages & benefits QVT

- Compact design
- Routing of pre-terminated cables
- Maintain manufacturer's warranty on pre-terminated cables
- Retrofittings, repairs and maintenance can be done much more easily and quickly
- Suitable for metric cut-outs
- Lock nut is included
- Can be combined with IMAS-CONNECT system

### Advantages & benefits QVT-CLICK

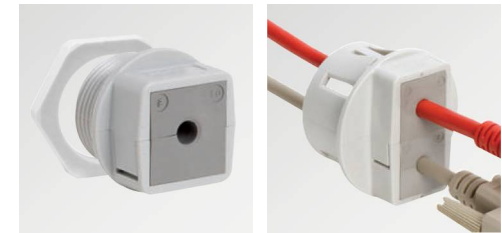
- Fast and easy mounting from the front
- Snap in assembly QVT-CLICK 16/20 for wall thickness 1.5 – 2.5 mm
- Snap in assembly QVT-CLICK 25/32/40/50 for wall thickness 1 – 2.5 mm
- Screw in assembly possible for QVT-CLICK sizes 40|1, 50|1 and 50|2 for a wall thickness of 11 mm, for QVT-CLICK sizes 16 and 20 for a wall thickness up to 5 mm
- Snap-in and screw-in assembly possible for QVT-CLICK sizes 16, 20, 40|1, and for 50|1 and 50|4.

### Specifications

Material	Polycarbonate (PC)
Colour	grey (similar RAL 7035)
Flame class	UL 94 V-0, self-extinguishing
IP rating	IP54, with gasket and correct selection of the cable grommets
Temperature	-30°C to +100°C (static)
Properties	Halogen-free, silicone-free
Cut-out dimension	Metric sizes

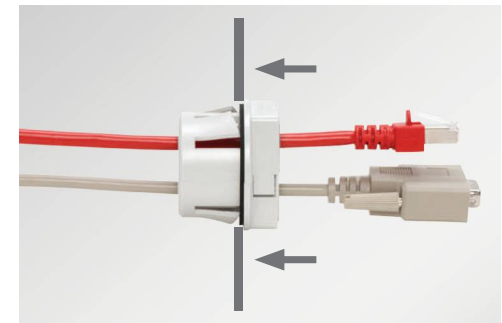
### Accessories

KGM Lock nuts 292

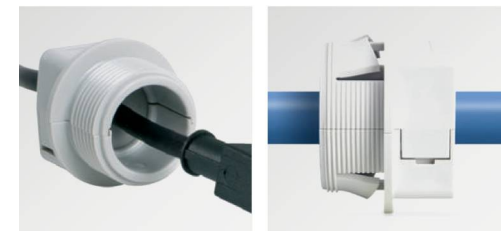


QVT

QVT-CLICK



QVT-CLICK: Fast and easy mounting from the front



QVT – back view

QVT-CLICK: for screw-in or snap-in assembly



The QVT-CLICK Tool for quick and easy mounting.  
Order No. 61435 (PU: 1)

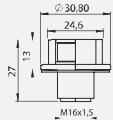
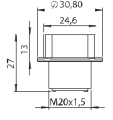
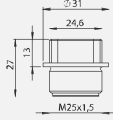
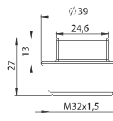
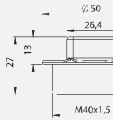
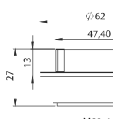
## QVT

### Split cable glands

IP54



1.22

Description	Type	Order No.	Cable Grommets	Thread Thread length	PU
	QVT 16**	45692	1 × QT	M16 × 1.5 Length: 13 mm	10
	QVT 20**	45695	1 × QT	M20 × 1.5 Length: 13 mm	10
	QVT 25	45702	1 × QT	M25 × 1.5 Length: 13 mm	10
	QVT 32	45711	1 × QT	M32 × 1.5 Length: 13 mm	10
	QVT 40 2	45715	2 × QT	M40 × 1.5 Length: 13 mm	10
	QVT 50 4	45722	4 × QT	M50 × 1.5 Length: 13 mm	10

\* Max. cable diameter of 10 mm | \*\* Max. cable diameter of 11 mm  
♦ Cannot be combined with QT-AT-K-M

## Accessories

QT Cable grommets	106 - 111
KVT-EMC Brackets	227
KGM Locknuts	292
ST Plugs	77



Type GMT: Split locknut, p. 292

**i** Single-piece packaging units are available on request.

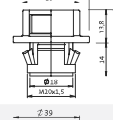
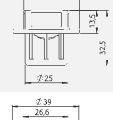
## QVT-CLICK

### Split pluggable cable glands

IP54



1.22

Description	Type	Order No.	Cable Grommets small   large	Cut-out* diameter	Thread Thread length	PU
	QVT-CLICK 16***	45726	1   –	16.2 mm	M16 × 1.5 Length: 13 mm	10
	QVT-CLICK 20***	45728	1   –	20.4 mm	M20 × 1.5 Length: 13 mm	10
	QVT-CLICK 25	45730	1   –	25.5 mm	–	10
	QVT-CLICK 32	45732	1   –	32.5 mm	–	10
	QVT-CLICK 40 1**	45736	–   1	40.5 mm	M40 × 1.5 Length: 19 mm	10
	QVT-CLICK 40 2	45734	2   –	40.5 mm	–	10
	QVT-CLICK 50 1**	45738	–   1	50.5 mm	M50 × 1.5 Length: 19 mm	10
	QVT-CLICK 50 4**	45740	4   –	50.5 mm	M50 × 1.5 Length: 19 mm	10

\* Please consider any paint layers or powder coatings!  
\*\* Pluggable and screwable; locknut is not included in the shipment  
♦ Sizes M16 und M20 for wall thickness up to 5 mm (screw-in assembly)  
\* Max. cable diameter of 10 mm  
\*\* Max. cable diameter of 11 mm  
♦ Cannot be combined with QT-AT-K-M

**i** Single-piece packaging units are available on request.