

KVT | Split cable gland

for cables with connectors, M20 - M63 / IP54 / UL Type 12



KVT is a circular split frame for quick and easy installation and sealing of cables with connectors or complete cable harnesses. But also electric, pneumatic or hydraulic lines without terminals or connectors as well as corrugated conduits can be easily routed (e.g. into control panels, enclosures or machinery) and sealed with IP54 / UL Type 12.

The cable glands are easy to install. The prefabricated cable is placed into the slit 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.

Polyamide locknuts as well as a sealing ring are included in the shipment.

For routing D-Sub, DVI or PROFIBUS connectors in combination with the split cable glands KVT, special [locknuts with cut-outs](#) are required.

IP54

UL TYPE 12

CULUS

RoHS compliant

RIFA

HL3 EN 45545-2

EN 61373

ECOLAB certified

Made in Germany

REACH COMPLIANCE

Specifications

IP rating (EN 60529)	IP54
UL Type (UL 50E)	UL Type 12
Material	Polycarbonate
Flame class	UL94-V0, self-extinguishing
Operating temperature	-30 C° to 100 C°
Properties	halogen free, silicone free
Mounting options	Fasten with locknut

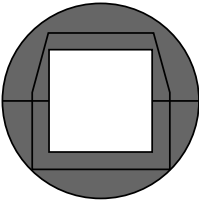
Advantages & benefits

- Routing of cables with and without connectors
- Warranty on pre-terminated cables remains
- Retrofits, repairs and maintenance can be done much more easily and quickly
- High cable density, wide variety of grommets
- Suitable for metric cut-outs
- Hexagonal locknut included in the delivery
- Greatly increased cable density when using double or quadruple grommets

Product types & sizes

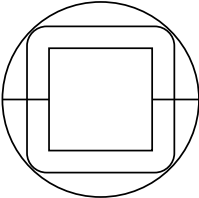
KVT 20 gy	Part No.	45034	Mounting height	20,5 mm
	EAN	4251269311147	Cut-out size, metric	M20
	Package quantity	10	Cut-out size, round	20,3 mm
	For max. no. of cables	4	Thread	M20 x 1,5
	Max. cable diameter	11 mm	Thread length	14 mm
	Colour	grey (similar RAL 7035)	Suitable for grommets	1 x KT small
	External diameter	40 mm		

KVT 20 bk



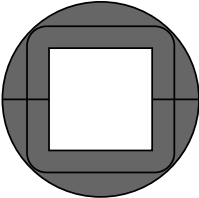
Part No.	45024	Mounting height	20,5 mm
EAN	4251269311062	Cut-out size, metric	M20
Package quantity	10	Cut-out size, round	20,3 mm
For max. no. of cables	4	Thread	M20 × 1,5
Max. cable diameter	11 mm	Thread length	14 mm
Colour	black	Suitable for grommets	1 x KT small
External diameter	40 mm		

KVT 25 gy



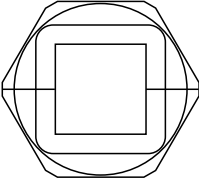
Part No.	45035	Mounting height	20,5 mm
EAN	4251269311154	Cut-out size, metric	M25
Package quantity	10	Cut-out size, round	25,3 mm
For max. no. of cables	4	Thread	M25 × 1,5
Max. cable diameter	15 mm	Thread length	14 mm
Colour	grey (similar RAL 7035)	Suitable for grommets	1 x KT small
External diameter	40 mm		

KVT 25 bk



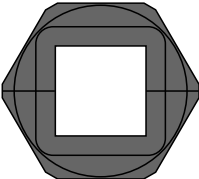
Part No.	45025	Mounting height	20,5 mm
EAN	4251269311079	Cut-out size, metric	M25
Package quantity	10	Cut-out size, round	25,3 mm
For max. no. of cables	4	Thread	M25 × 1,5
Max. cable diameter	15 mm	Thread length	14 mm
Colour	black	Suitable for grommets	1 x KT small
External diameter	40 mm		

KVT 32 gy



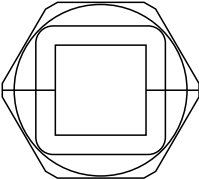
Part No.	45036	Mounting height	20,5 mm
EAN	4251269311161	Cut-out size, metric	M32
Package quantity	10	Cut-out size, round	32,3 mm
For max. no. of cables	4	Thread	M32 × 1,5
Max. cable diameter	17 mm	Thread length	14 mm
Colour	grey (similar RAL 7035)	Suitable for grommets	1 x KT small
External diameter	40 mm		

KVT 32 bk



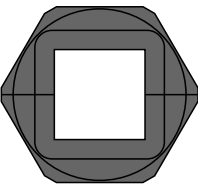
Part No.	45026	Mounting height	20,5 mm
EAN	4251269311086	Cut-out size, metric	M32
Package quantity	10	Cut-out size, round	32,3 mm
For max. no. of cables	4	Thread	M32 × 1,5
Max. cable diameter	17 mm	Thread length	14 mm
Colour	black	Suitable for grommets	1 x KT small
External diameter	40 mm		

KVT 32 + KGM-SUB-D9 gy



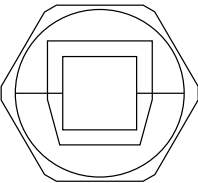
Part No.	45037	Mounting height	20,5 mm
EAN	4251269311178	Cut-out size, metric	M32
Package quantity	10	Cut-out size, round	32,3 mm
For max. no. of cables	4	Thread	M32 × 1,5
Max. cable diameter	17 mm	Thread length	14 mm
Colour	grey (similar RAL 7035)	Suitable for grommets	1 x KT small
External diameter	40 mm		

KVT 32 + KGM-SUB-D9
bk



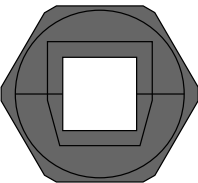
Part No.	45027	Mounting height	20,5 mm
EAN	4251269311093	Cut-out size, metric	M32
Package quantity	10	Cut-out size, round	32,3 mm
For max. no. of cables	4	Thread	M32 × 1,5
Max. cable diameter	17 mm	Thread length	14 mm
Colour	black	Suitable for grommets	1 x KT small
External diameter	40 mm		

KVT 40 gy



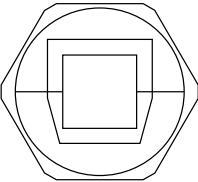
Part No.	45203	Mounting height	20,5 mm
EAN	4251269311307	Cut-out size, metric	M40
Package quantity	10	Cut-out size, round	40,4 mm
For max. no. of cables	4	Thread	M40 × 1,5
Max. cable diameter	17 mm	Thread length	14 mm
Colour	grey (similar RAL 7035)	Suitable for grommets	1 x KT small
External diameter	50 mm		

KVT 40 bk



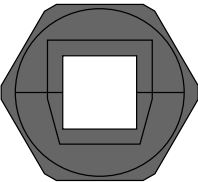
Part No.	45028	Mounting height	20,5 mm
EAN	4251269311109	Cut-out size, metric	M40
Package quantity	10	Cut-out size, round	40,4 mm
For max. no. of cables	4	Thread	M40 × 1,5
Max. cable diameter	17 mm	Thread length	14 mm
Colour	black	Suitable for grommets	1 x KT small
External diameter	50 mm		

KVT 40 + KGM-PB gy



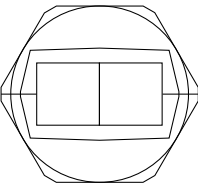
Part No.	45205	Mounting height	20,5 mm
EAN	4251269311321	Cut-out size, metric	M40
Package quantity	10	Cut-out size, round	40,4 mm
For max. no. of cables	4	Thread	M40 × 1,5
Max. cable diameter	17 mm	Thread length	14 mm
Colour	grey (similar RAL 7035)	Suitable for grommets	1 x KT small
External diameter	50 mm		

KVT 40 + KGM-PB bk



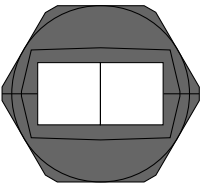
Part No.	45029	Mounting height	20,5 mm
EAN	4251269311116	Cut-out size, metric	M40
Package quantity	10	Cut-out size, round	40,4 mm
For max. no. of cables	4	Thread	M40 × 1,5
Max. cable diameter	17 mm	Thread length	14 mm
Colour	black	Suitable for grommets	1 x KT small
External diameter	50 mm		

KVT 50-2 gy



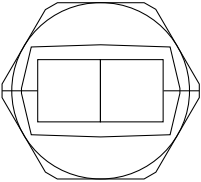
Part No.	45204	Mounting height	20,5 mm
EAN	4251269311314	Cut-out size, metric	M50
Package quantity	5	Cut-out size, round	50,4 mm
For max. no. of cables	8	Thread	M50 × 1,5
Max. cable diameter	17 mm	Thread length	14 mm
Colour	grey (similar RAL 7035)	Suitable for grommets	2 x KT small
External diameter	60 mm		

KVT 50-2 bk



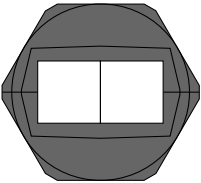
Part No.	45030	Mounting height	20,5 mm
EAN	4251269311123	Cut-out size, metric	M50
Package quantity	5	Cut-out size, round	50,4 mm
For max. no. of cables	8	Thread	M50 × 1,5
Max. cable diameter	17 mm	Thread length	14 mm
Colour	black	Suitable for grommets	2 x KT small
External diameter	60 mm		

KVT 50-2 + KGM-SUB-D25 gy



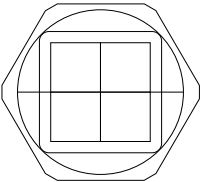
Part No.	45206	Mounting height	20,5 mm
EAN	4251269311138	Cut-out size, metric	M50
Package quantity	5	Cut-out size, round	50,4 mm
For max. no. of cables	8	Thread	M50 × 1,5
Max. cable diameter	17 mm	Thread length	14 mm
Colour	grey (similar RAL 7035)	Suitable for grommets	2 x KT small
External diameter	60 mm		

KVT 50-2 + KGM-SUB-D25 bk



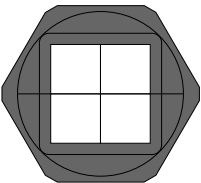
Part No.	45031	Mounting height	20,5 mm
EAN	4251269311130	Cut-out size, metric	M50
Package quantity	5	Cut-out size, round	50,4 mm
For max. no. of cables	8	Thread	M50 × 1,5
Max. cable diameter	17 mm	Thread length	14 mm
Colour	black	Suitable for grommets	2 x KT small
External diameter	60 mm		

KVT 63|4 gy



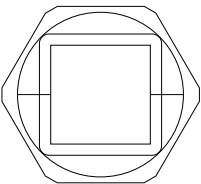
Part No.	45215	Mounting height	20,5 mm
EAN	4251269311352	Cut-out size, metric	M63
Package quantity	5	Cut-out size, round	63,4 mm
For max. no. of cables	16	Thread	M63 × 1,5
Max. cable diameter	16 mm	Thread length	14 mm
Colour	grey (similar RAL 7035)	Suitable for grommets	4 x KT small
External diameter	70,5 mm		

KVT 63|4 bk

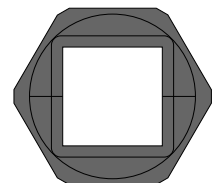


Part No.	45115	Mounting height	20,5 mm
EAN	4251269311253	Cut-out size, metric	M63
Package quantity	5	Cut-out size, round	63,4 mm
For max. no. of cables	16	Thread	M63 × 1,5
Max. cable diameter	16 mm	Thread length	14 mm
Colour	black	Suitable for grommets	4 x KT small
External diameter	70,5 mm		

KVT 63|1 gy



Part No.	45212	Mounting height	20,5 mm
EAN	4251269311345	Cut-out size, metric	M63
Package quantity	5	Cut-out size, round	63,4 mm
For max. no. of cables	1	Thread	M63 × 1,5
Max. cable diameter	35 mm	Thread length	14 mm
Colour	grey (similar RAL 7035)	Suitable for grommets	1 x KT large
External diameter	70,5 mm		



Part No.
EAN
Package quantity
For max. no. of cables
Max. cable diameter
Colour
External diameter

45112
4251269311246
5
1
35 mm
black
70,5 mm

Mounting height
Cut-out size, metric
Cut-out size, round
Thread
Thread length
Suitable for grommets

20,5 mm
M63
63,4 mm
M63 × 1,5
14 mm
1 x KT large