

# KVT

## Split cable glands



## Product description

KVT is a circular split frame for quick and easy installation and sealing of cables with connectors or complete cable harnesses.

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.

## Locknuts

Locknuts with special cut-outs are available separately. The cut-out dimensions are listed on page 208.



**KGM-SUB-D9** fits D-Sub 9 connectors  
(Required wall cut-out: Ø 36 mm, PU: 10)  
■ Order No. 45105 ■ Order No. 45106

**KGM-PB** fits DVI and PROFIBUS connectors  
(Required wall cut-out: Ø 42 mm, PU: 10)  
■ Order No. 45107 ■ Order No. 45109

**KGM-SUB-D25** fits SUB-D25 connectors  
(Required wall cut-out: Ø 50 - 54 mm, PU: 10)  
■ Order No. 45108 ■ Order No. 45110



Type GMT: Split locknut, p. 209

Description	Type	Order No.	Grommets small   large	Thread Thread length	PU
	KVT 20**	■ 45034 ■ 45024	1 -	M20 × 1.5 Length: 14 mm	10
	KVT 25***	■ 45035 ■ 45025	1 -	M25 × 1.5 Length: 14 mm	10
	KVT 32	■ 45036 ■ 45026	1 -	M32 × 1.5 Length: 14 mm	10
	KVT 32 + KGM-SUB-D9	■ 45037 ■ 45027	1 -	M32 × 1.5 Length: 14 mm	10
	KVT 40	■ 45203 ■ 45028	1 -	M40 × 1.5 Length: 14 mm	10
	KVT 40 + KGM-PB	■ 45205 ■ 45029	1 -	M40 × 1.5 Length: 14 mm	10

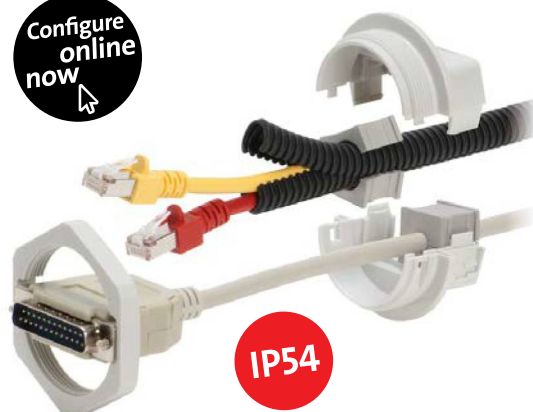
\* Only valid for grey product types \*\* Max. cable diameter of 11 mm | \*\*\* Max. cable diameter of 15 mm

# KVT

## Split cable glands



Configure  
online  
now



1.12

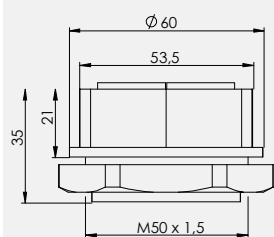
Description

Type

Order No.

Grommets  
small | largeThread  
Thread length

PU



KVT 50|2

45204  
45030

2|-

M50 x 1.5  
Length: 14 mm

5

KVT 50|2 +

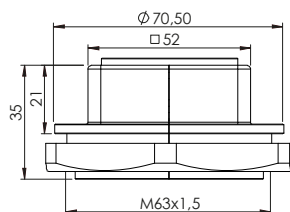
KGM-SUB-D25

45206  
45031

2|-

M50 x 1.5  
Length: 14 mm

5



KVT 63|1

45212  
45112

-|1

M63 x 1.5  
Length: 14 mm

5

KVT 63|4

45215  
45115

4|-

M63 x 1.5  
Length: 14 mm

5

\* Only valid for grey product types

## Advantages & benefits

- Insertion of pre-terminated cables
- Maintain manufacturer's warranty on pre-terminated cables
- Retrofits, repairs and maintenance can be done much more easily and quickly
- High cable density, wide variety of grommets
- Suitable for metric cut-outs
- Locknut is included



## Specifications

Material	Polycarbonate (PC)
Colour	<p>■ grey (similar RAL 7035)</p> <p>■ black</p>
Flame class	UL94-Vo, self-extinguishing
IP rating	IP54, with gasket and correct selection of the cable grommets (certified acc. to EN 60529)
UL type rating	UL type 12 (acc. to UL 50E)
Temperature	- 30°C to + 100°C (static)
Properties	Halogen-free, silicone-free
Cut-out dimension	Metric sizes

## Accessories

KT Cable grommets	48 - 52
AT Adapter grommets	54 - 57
KVT-EMC Brackets	151
Locknuts	208 - 209
ST Plugs	53

# KVT 80

## Split cable glands for front mounting



## Product description

The KVT 80 split cable glands are designed for routing and sealing cables with connectors. By assembling the two frame halves with the screws provided, the grommets provide sufficient pressure on the routed cables to obtain a high degree of strain relief. The KVT 80 can be fitted to a wall thickness from 1.5 mm to 10 mm. A flat rubber gasket is included in the shipment.

## Advantages & benefits

- Insertion of pre-terminated cables
- Maintain manufacturer's warranty on pre-terminated cables
- Retrofits, repairs and maintenance can be done much more easily and quickly
- High cable density, wide variety of grommets
- Fast and easy mounting from the front side
- Strain relief according to EN 62444

## Note

When mounting the KVT 80 on sheet metal, we recommend the following torque values:  
1.5 mm sheet = 1 N m | 2 - 10 mm sheet = 1.5 N m

## Specifications

Material	Polycarbonate (PC)
Colour	<div> <div></div> grey (similar RAL 7035)                     <div></div> black                 </div>
Flame class	UL94-V0, self-extinguishing
IP rating	IP54, with gasket and correct selection of the cable grommets (certified acc. to EN 60529)
UL type rating	UL type 12 (acc. to UL 50E)
Temperature	- 30°C to + 100°C (static)
Properties	Halogen-free, silicone-free
Cut-out dimension	80 mm in diameter

## Accessories

Cable grommets	48 - 52
ST Plugs	53

Description	Type	Order No.	Grommets KT small   large	PU
	KVT 80 3	<div> <div></div> 45236                     <div></div> 45239                 </div>	2 1	1
	KVT 80 6	<div> <div></div> 45237                     <div></div> 45238                 </div>	6 -	1

\*Only valid for grey product types