icotek

KVT
Split cable glands

1

Product description

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

Polyamide locknuts are included in the shipment.

For routing SUB-D, DVI or PROFIBUS connectors in combination with the split cable glands KVT, special locknuts with cut-outs are required.

* max. Cable diameter 15 mm

Locknuts

Special locknuts with cut-outs are separate available. The cut-out dimensions are listed on page 148.

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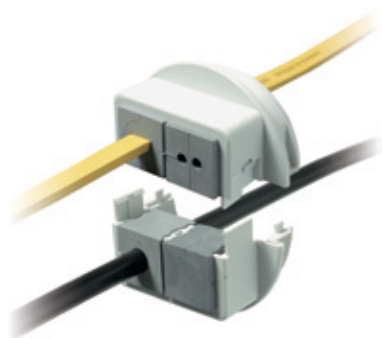(Required wall cut-out: ⌀ 36 mm, PU: 10)
☐ **Order No. 45105**   ■ **Order No. 45106**

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

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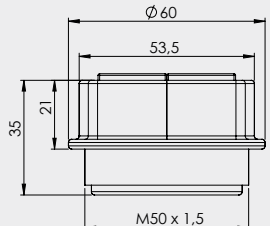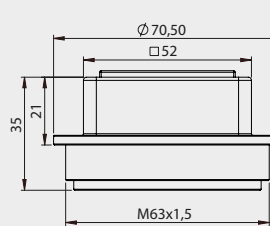(Required wall cut-out: ⌀ 50 mm, PU:10)
☐ **Order No. 45108**   ■ **Order No. 45110**

Description	Type	Order No.	Inserts KT small | large	Thread Thread length	PU
	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**

UL c us | IP54 | GL | NF F 16-101 | DIN 5510-2 | RoHS compliant | Made in Germany

KVT
Split cable glands

Type	Order No.	Inserts KT small | large	Thread Thread length	PU	Description
KVT 50|2	☐ 45204 ■ 45030	2|-	M50 × 1.5 Length: 14 mm	5	⌀ 60 / 53,5 / 35 / 21 / M50 x 1,5
KVT 50|2 + KGM-SUB-D25	☐ 45206 ■ 45031	2|-	M50 × 1.5 Length: 14 mm	5	
KVT 63|1 + GM 63 **	☐ 45211 ■ 45111	-|1	M63 × 1.5 Length: 14 mm	5	⌀ 70,50 / ☐ 52 / 35 / 21 / M63x1,5
KVT 63|4 + GM 63 **	☐ 45214 ■ 45114	4|-	M63 × 1.5 Length: 14 mm	5	

Advantages

- Insertion of pre-terminated cables
- Warranty of pre-terminated cables remains
- Retrofitting and maintenance can be carried out easily and quickly
- High packing density, wide variety
- Suitable for standard or metric cut-outs
- Polyamide locknuts are included in the shipment

Specification

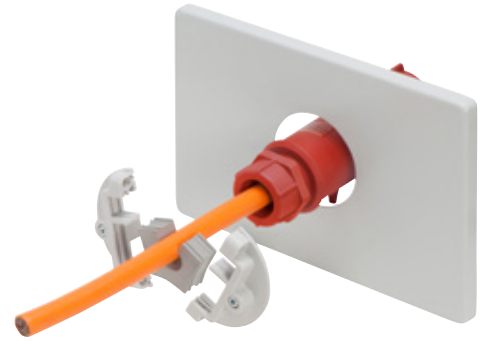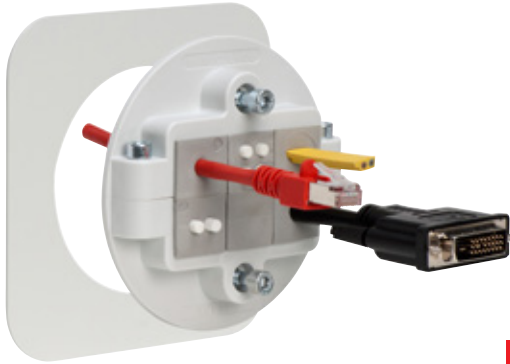|	
Material	Polycarbonate (PC)
Colour	☐ grey (similar RAL 7035) ■ black
Flame class	UL94-V0, self-extinguishing
Protection class	IP54, with gasket and correct selection of the cable inserts
Temperature	- 30°C to + 100°C (static)
Properties	Halogen-free, silicone-free
Cut-out dimension	Metric standard sizes

Accessories

KT Cable inserts — Page 28 - 32
KVT-EMC bracket — Page 113
Locknuts — Page 148

** Locknut GM 63 (brass-nickel plated) is included in delivery.

*** Locknut KGM63 (Polyamide) is included in delivery.

icotek

KVT 80
Split cable glands

Product description

The KVT 80 split cable glands are designed for routing and sealing pre-terminated cables.

By connecting the two half-shells with attached screws, the inserts provide sufficient pressure on the routed cables to obtain a high degree of strain relief. The KVT 80 can be fitted to wall thicknesses from 1.5mm to 10mm.

Advantages

- Insertion of pre-terminated cables
- Warranty of pre-terminated cables remains
- Retrofitting and maintenance can be carried out easily and quickly
- High packing density, wide variety
- Quick and easy assembly from the front side
- Strain relief according EN 50262

Note

When mounting the KVT 80 on sheet metal, we recommend the following torque values:
- 1.5 mm sheet = 1 Nm
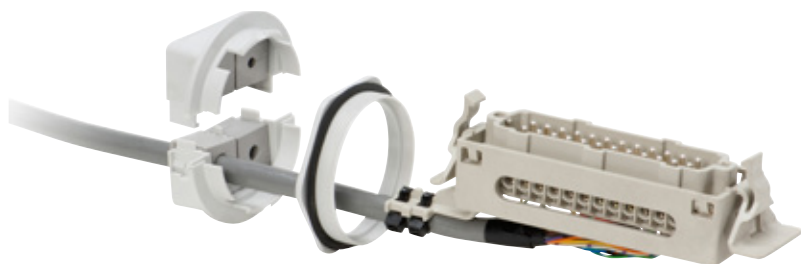- From 2.0 mm sheet = 1.5 Nm

Specification

Material	**Polycarbonate (PC)**
	Screws: Stainless steel
Colour	☐ **grey (similar RAL 7035)**
	■ **black**
Flame class	**UL94-V0, self-extinguishing**
Protection class	**IP54, with gasket and correct selection of the cable inserts**
Temperature	**- 30°C to + 100°C (static)**
Properties	**Halogen-free, silicone-free**
Cut-out dimension	**80 mm diameter**

Accessories

Description	Type	Order No.	Inserts KT small | large	PU
⌀ 100 / 78,2	**KVT 80|3**	☐ **45236** ■ **45239**	**2|1**	**1**
⌀ 100 / 78,2	**KVT 80|6**	☐ **45237** ■ **45238**	**6|-**	**1**
⌀100 / 78,2 / 35,50 / 16 / ⌀79				

KVT-SNAP
Split cable glands

Type	Order No.	Inserts KT small | large	Thread Thread length	PU	Description
KVT-SNAP 32	45130	1|-	M32 × 1.5 Length: 11 mm	10	⌀ 40 □ 30 / 21 / 35 / M32x1,5 / SW36
KVT-SNAP 40	45134	1|-	M40 × 1.5 Length: 11 mm	10	⌀ 40 □ 30 / 21 / 35 / M40x1,5 / SW46
KVT-SNAP 63|4*	45152	4|-	M63 × 1.5 Length: 11 mm	5	⌀ 70,50 □ 50 / 21 / 35 / M63x1,5 / SW68
KVT-SNAP 63|1*	45154	-|1	M63 × 1.5 Length: 11 mm	5	
KGM 32	52275 / 52285	PA	M32 × 1.5	10	SW50 / M40x1,5
KGM 40	52276 / 52286	PA	M40 × 1.5	10	
KGM 63	52278 / 52288	PA	M63 × 1.5	5	

Product description

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

Pre terminated cables can be routed through thick walls (> 5 mm) e.g. into cast junction boxes by using the model KVT-SNAP, without the use of tools.

* For KVT 63 a locknut M63 (brass-nickel plated) is included in delivery.

Assembly

- SNAP ring is screwed into metric thread tapped into housing (or it can be fastened with a locknut)
- Once the SNAP ring is affixed to the housing the KVT equipped with cables is simply pushed into the SNAP ring. Quick and easy installation!
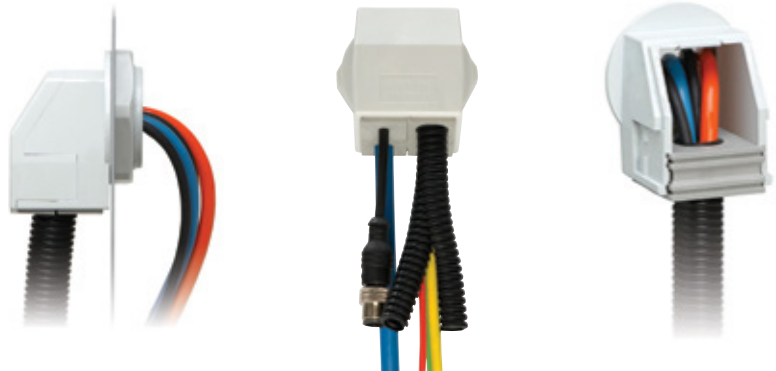
Specification

Material	**Polycarbonate (PC)**
Colour	**grey (similar RAL 7035)**
Flame class	**UL94-V0, self-extinguishing**
Protection class	**IP54, with gasket and correct selection of the cable inserts**
Temperature	**- 30°C to + 100°C (static)**
Properties	**Halogen-free, silicone-free**
Cut-out dimension	**Metric standard cut-outs**

Accessories

1

icotek®

KVT-W90
Split cable glands

Product description

The split KVT-W90 cable glands are used to insert and seal pre-terminated cables and conduits at a 90° angle.

In particular, the KVT 50-W90 is perfectly suited to hold corrugated or smooth hoses. A large number of cable entry inserts is available to the user.

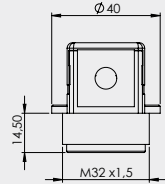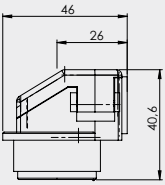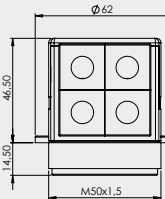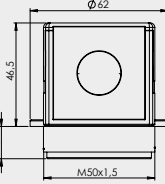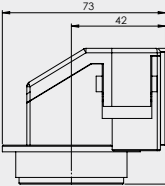Polyamide locknuts are included in the shipment.

Advantages

- Installation at an angle of 90° to the cabinet
- Insertion of pre-terminated cables and conduits
- Warranty of pre-terminated cables remains
- Suitable for standard or metric cut-outs

Specification

Material	**Polycarbonate (PC)**
Colour	☐ **grey (similar RAL 7035)**
Flame class	■ **black**
Protection class	**UL94-V0, self-extinguishing IP54, with gasket and correct selection of the cable inserts**
Temperature	**- 30°C to + 100°C (static)**
Properties	**Halogen-free, silicone-free**
Cut-out dimension	**Metric standard cut-outs**

Accessories

KT Cable inserts	Page 28 - 32
KVT-EMC bracket	Page 113
WST Conduit, split	Page 138
Locknuts	Page 148

Description	Type	Order No. with locknut	Inserts KT small | large	Thread Thread length	PU
	KVT 32-W90	☐ 45404 ■ 45406	1|-	M32 × 1.5 Length: 11.5 mm	10
	GMT 32	■ 31120	-	M32 × 1.5	10
	KVT 50|4-W90	☐ 45424 ■ 45426	4|-	M50 × 1.5 Length: 11.5 mm	5
	KVT 50|1-W90	☐ 45414 ■ 45416	-|1	M50 × 1.5 Length: 11.5 mm	5
	GMT 50	■ 31140	-	M50 × 1.5	10