

# 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

C  
UL  
US

DNV

RIFA

HL3  
EN 45545-2

EN 61373

ECOLAB  
certified

Made in  
Germany

RoHS  
compliant

REACH  
COMPLIANCE

## Specifications

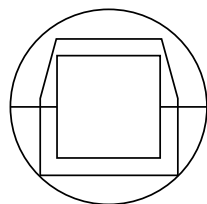
IP rating (EN 60529)	IP54
UL Type (UL 50E)	UL Type 12
Material	Polycarbonate
Flame class	UL94-V0, self-extinguishing
Operating temperature	-30 C° to 100 C°
Properties	halogen free, silicone free
Mounting options	Fasten with locknut

## 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

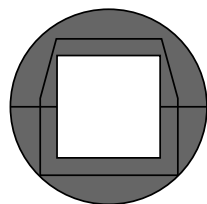
### KVT 20 gy



Part No.	<b>45034</b>
EAN	<b>4251269311147</b>
Package quantity	<b>10</b>
For max. no. of cables	<b>4</b>
Max. cable diameter	<b>11 mm</b>
Colour	<b>grey (similar RAL 7035)</b>
External diameter	<b>40 mm</b>

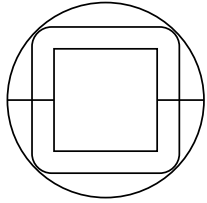
Mounting height	<b>20,5 mm</b>
Cut-out size, metric	<b>M20</b>
Cut-out size, round	<b>20,3 mm</b>
Thread	<b>M20 x 1,5</b>
Thread length	<b>14 mm</b>
Suitable for grommets	<b>1 x KT small</b>

### KVT 20 bk



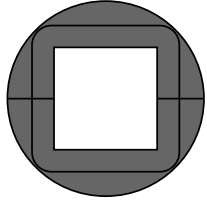
Part No.	<b>45024</b>
EAN	<b>4251269311062</b>
Package quantity	<b>10</b>
For max. no. of cables	<b>4</b>
Max. cable diameter	<b>11 mm</b>
Colour	<b>black</b>
External diameter	<b>40 mm</b>

Mounting height	<b>20,5 mm</b>
Cut-out size, metric	<b>M20</b>
Cut-out size, round	<b>20,3 mm</b>
Thread	<b>M20 x 1,5</b>
Thread length	<b>14 mm</b>
Suitable for grommets	<b>1 x KT small</b>

**KVT 25 gy**

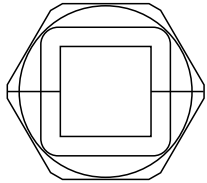
Part No. **45035**  
 EAN **4251269311154**  
 Package quantity **10**  
 For max. no. of cables **4**  
 Max. cable diameter **15 mm**  
 Colour **grey (similar RAL 7035)**  
 External diameter **40 mm**

Mounting height **20,5 mm**  
 Cut-out size, metric **M25**  
 Cut-out size, round **25,3 mm**  
 Thread **M25 x 1,5**  
 Thread length **14 mm**  
 Suitable for grommets **1 x KT small**

**KVT 25 bk**

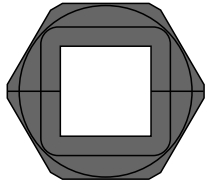
Part No. **45025**  
 EAN **4251269311079**  
 Package quantity **10**  
 For max. no. of cables **4**  
 Max. cable diameter **15 mm**  
 Colour **black**  
 External diameter **40 mm**

Mounting height **20,5 mm**  
 Cut-out size, metric **M25**  
 Cut-out size, round **25,3 mm**  
 Thread **M25 x 1,5**  
 Thread length **14 mm**  
 Suitable for grommets **1 x KT small**

**KVT 32 gy**

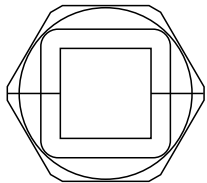
Part No. **45036**  
 EAN **4251269311161**  
 Package quantity **10**  
 For max. no. of cables **4**  
 Max. cable diameter **17 mm**  
 Colour **grey (similar RAL 7035)**  
 External diameter **40 mm**

Mounting height **20,5 mm**  
 Cut-out size, metric **M32**  
 Cut-out size, round **32,3 mm**  
 Thread **M32 x 1,5**  
 Thread length **14 mm**  
 Suitable for grommets **1 x KT small**

**KVT 32 bk**

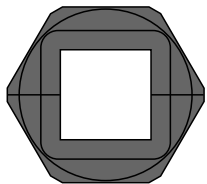
Part No. **45026**  
 EAN **4251269311086**  
 Package quantity **10**  
 For max. no. of cables **4**  
 Max. cable diameter **17 mm**  
 Colour **black**  
 External diameter **40 mm**

Mounting height **20,5 mm**  
 Cut-out size, metric **M32**  
 Cut-out size, round **32,3 mm**  
 Thread **M32 x 1,5**  
 Thread length **14 mm**  
 Suitable for grommets **1 x KT small**

**KVT 32 + KGM-SUB-D9 gy**

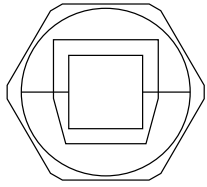
Part No. **45037**  
 EAN **4251269311178**  
 Package quantity **10**  
 For max. no. of cables **4**  
 Max. cable diameter **17 mm**  
 Colour **grey (similar RAL 7035)**  
 External diameter **40 mm**

Mounting height **20,5 mm**  
 Cut-out size, metric **M32**  
 Cut-out size, round **32,3 mm**  
 Thread **M32 x 1,5**  
 Thread length **14 mm**  
 Suitable for grommets **1 x KT small**

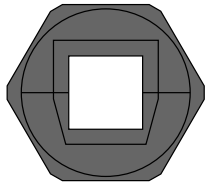
**KVT 32 + KGM-SUB-D9 bk**

Part No. **45027**  
 EAN **4251269311093**  
 Package quantity **10**  
 For max. no. of cables **4**  
 Max. cable diameter **17 mm**  
 Colour **black**  
 External diameter **40 mm**

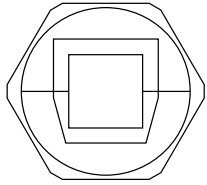
Mounting height **20,5 mm**  
 Cut-out size, metric **M32**  
 Cut-out size, round **32,3 mm**  
 Thread **M32 x 1,5**  
 Thread length **14 mm**  
 Suitable for grommets **1 x KT small**

**KVT 40 gy**

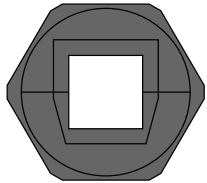
Part No.	<b>45203</b>	Mounting height	<b>20,5 mm</b>
EAN	<b>4251269311307</b>	Cut-out size, metric	<b>M40</b>
Package quantity	<b>10</b>	Cut-out size, round	<b>40,4 mm</b>
For max. no. of cables	<b>4</b>	Thread	<b>M40 × 1,5</b>
Max. cable diameter	<b>17 mm</b>	Thread length	<b>14 mm</b>
Colour	<b>grey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

**KVT 40 bk**

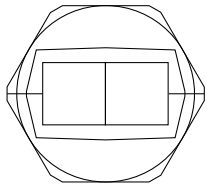
Part No.	<b>45028</b>	Mounting height	<b>20,5 mm</b>
EAN	<b>4251269311109</b>	Cut-out size, metric	<b>M40</b>
Package quantity	<b>10</b>	Cut-out size, round	<b>40,4 mm</b>
For max. no. of cables	<b>4</b>	Thread	<b>M40 × 1,5</b>
Max. cable diameter	<b>17 mm</b>	Thread length	<b>14 mm</b>
Colour	<b>black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

**KVT 40 + KGM-PB gy**

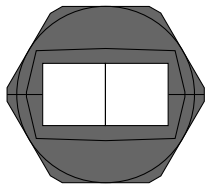
Part No.	<b>45205</b>	Mounting height	<b>20,5 mm</b>
EAN	<b>4251269311321</b>	Cut-out size, metric	<b>M40</b>
Package quantity	<b>10</b>	Cut-out size, round	<b>40,4 mm</b>
For max. no. of cables	<b>4</b>	Thread	<b>M40 × 1,5</b>
Max. cable diameter	<b>17 mm</b>	Thread length	<b>14 mm</b>
Colour	<b>grey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

**KVT 40 + KGM-PB bk**

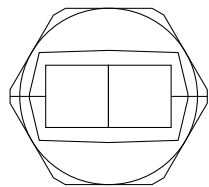
Part No.	<b>45029</b>	Mounting height	<b>20,5 mm</b>
EAN	<b>4251269311116</b>	Cut-out size, metric	<b>M40</b>
Package quantity	<b>10</b>	Cut-out size, round	<b>40,4 mm</b>
For max. no. of cables	<b>4</b>	Thread	<b>M40 × 1,5</b>
Max. cable diameter	<b>17 mm</b>	Thread length	<b>14 mm</b>
Colour	<b>black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

**KVT 50-2 gy**

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

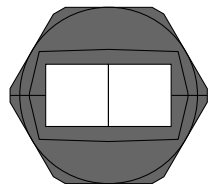
**KVT 50-2 bk**

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

**KVT 50-2 + KGM-SUB-D25 gy**

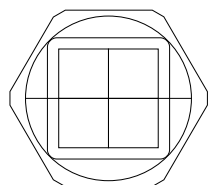
Part No. **45206**  
 EAN **4251269311338**  
 Package quantity **5**  
 For max. no. of cables **8**  
 Max. cable diameter **17 mm**  
 Colour **grey (similar RAL 7035)**  
 External diameter **60 mm**

Mounting height **20,5 mm**  
 Cut-out size, metric **M50**  
 Cut-out size, round **50,4 mm**  
 Thread **M50 × 1,5**  
 Thread length **14 mm**  
 Suitable for grommets **2 x KT small**

**KVT 50-2 + KGM-SUB-D25 bk**

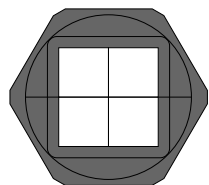
Part No. **45031**  
 EAN **4251269311130**  
 Package quantity **5**  
 For max. no. of cables **8**  
 Max. cable diameter **17 mm**  
 Colour **black**  
 External diameter **60 mm**

Mounting height **20,5 mm**  
 Cut-out size, metric **M50**  
 Cut-out size, round **50,4 mm**  
 Thread **M50 × 1,5**  
 Thread length **14 mm**  
 Suitable for grommets **2 x KT small**

**KVT 63|4 gy**

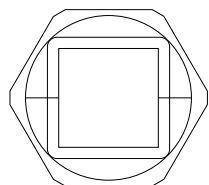
Part No. **45215**  
 EAN **4251269311352**  
 Package quantity **5**  
 For max. no. of cables **16**  
 Max. cable diameter **16 mm**  
 Colour **grey (similar RAL 7035)**  
 External diameter **70,5 mm**

Mounting height **20,5 mm**  
 Cut-out size, metric **M63**  
 Cut-out size, round **63,4 mm**  
 Thread **M63 × 1,5**  
 Thread length **14 mm**  
 Suitable for grommets **4 x KT small**

**KVT 63|4 bk**

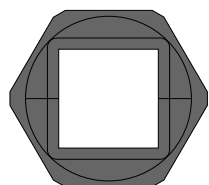
Part No. **45115**  
 EAN **4251269311253**  
 Package quantity **5**  
 For max. no. of cables **16**  
 Max. cable diameter **16 mm**  
 Colour **black**  
 External diameter **70,5 mm**

Mounting height **20,5 mm**  
 Cut-out size, metric **M63**  
 Cut-out size, round **63,4 mm**  
 Thread **M63 × 1,5**  
 Thread length **14 mm**  
 Suitable for grommets **4 x KT small**

**KVT 63|1 gy**

Part No. **45212**  
 EAN **4251269311345**  
 Package quantity **5**  
 For max. no. of cables **1**  
 Max. cable diameter **35 mm**  
 Colour **grey (similar RAL 7035)**  
 External diameter **70,5 mm**

Mounting height **20,5 mm**  
 Cut-out size, metric **M63**  
 Cut-out size, round **63,4 mm**  
 Thread **M63 × 1,5**  
 Thread length **14 mm**  
 Suitable for grommets **1 x KT large**

**KVT 63|1 bk**

Part No. **45112**  
 EAN **4251269311246**  
 Package quantity **5**  
 For max. no. of cables **1**  
 Max. cable diameter **35 mm**  
 Colour **black**  
 External diameter **70,5 mm**

Mounting height **20,5 mm**  
 Cut-out size, metric **M63**  
 Cut-out size, round **63,4 mm**  
 Thread **M63 × 1,5**  
 Thread length **14 mm**  
 Suitable for grommets **1 x KT large**

