

# AT-M | AT-K-M | AT-K-Z | Adapter grommets

with inner thread M5 - M25 & 1/4" - 1/8" / IP65/IP66 / UL Type 12



AT-M is an adapter grommet (based on large KT grommets) with integrated metric threads.. The AT-M adapter grommets are made of elastomer with a polyamide body. AT-M adapter grommets are available with inner threads M12 x 1.0, M16 x 1.5, M20 x 1.5 and M25 x 1.5.

The AT-M is ideal for creating an interface for signal, data, power or hybrid connectors by simply screwing them into the AT-M thread. Pressure compensation elements or hose glands up to M25 x 1.5 can also be screwed into the AT-M.

icotek also offers screw plugs for sizes M16, M20 and M25 to close the new adapter grommet with the metric internal thread AT-M.

AT-K-M is an adapter grommet (based on small KT grommets) with integrated metric threads, suitable for split icotek cable entry systems. The AT-K-M adapter grommets are made of elastomer with a nickel-plated brass body. AT-K-M adapter grommets are available with inner threads M5 x 0.5, M8 x 1.0, M12 x 1.0, M12 x 1.5, M14 x 1.0 and M16 x 1.5 and the AT-K-Z grommets with Whitworth pipe threads according to ISO 227-1 (BSP) in sizes 1/8" and 1/4".

By using the AT-K-M adapter grommet several connectors can be inserted directly into the cable entry frame e.g. [pneumatic bulkhead connectors](#) M12 x 1,0, metric connectors and [pressure compensation elements](#).

They are compatible with all split icotek cable entry systems (suitable for KT cable grommets).

IP54

IP55

IP64

IP65

IP66

UL TYPE  
12

UL US

RIWA

HL3  
EN 45545-2

ECOLAB  
certified

UV  
ISO 4892-2A

RoHS  
compliant

REACH  
COMPLIANCE

Made in  
Germany

## Specifications

|                              |                              |
|------------------------------|------------------------------|
| <b>IP rating (EN 60529)</b>  | IP54, IP55, IP64, IP65, IP66 |
| <b>UL Type (UL 50E)</b>      | UL Type 12                   |
| <b>Material</b>              | Elastomer<br>Body: Polyamide |
| <b>Flame class</b>           | UL94-V0, self-extinguishing  |
| <b>Operating temperature</b> | -40 C° to 100 C°             |
| <b>Properties</b>            | silicone free, halogen free  |

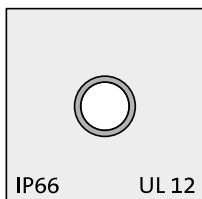
## Advantages & benefits

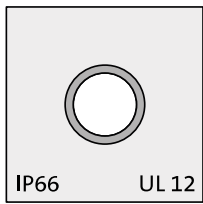
- Panel connectors and sockets can be integrated directly into the cable entry system
- Separate cut-outs for connectors are no longer necessary
- Space-saving solution

## Product types & sizes

AT-K-M M5 x 0.5

|                  |                      |                 |             |
|------------------|----------------------|-----------------|-------------|
| Part No.         | <b>39953</b>         | Mounting height | <b>2 mm</b> |
| EAN              | <b>4251269322006</b> |                 |             |
| Package quantity | <b>5</b>             |                 |             |
| Thread           | <b>M5 x 0,5</b>      |                 |             |
| Length           | <b>21 mm</b>         |                 |             |
| Width            | <b>21 mm</b>         |                 |             |
| Height           | <b>19 mm</b>         |                 |             |

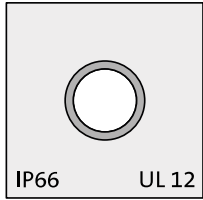


**AT-K-M M8 × 0.5**

Part No.  
EAN  
Package quantity  
Thread  
Length  
Width  
Height

**39966**  
**4251269323812**  
**5**  
**M8 × 0,5**  
**21 mm**  
**21 mm**  
**19 mm**

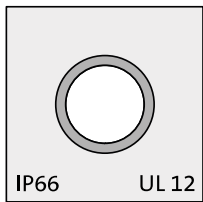
Mounting height

**2 mm****AT-K-M M8 × 1.0**

Part No.  
EAN  
Package quantity  
Thread  
Length  
Width  
Height

**39954**  
**4251269322013**  
**5**  
**M8 × 1,0**  
**21 mm**  
**21 mm**  
**19 mm**

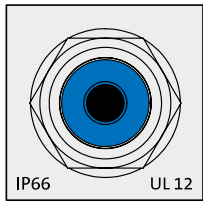
Mounting height

**2 mm****AT-K-M M12 × 1.0**

Part No.  
EAN  
Package quantity  
Thread  
Length  
Width  
Height

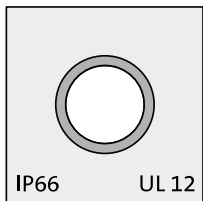
**39955**  
**4251269322020**  
**5**  
**M12 × 1,0**  
**21 mm**  
**21 mm**  
**19 mm**

Mounting height

**2 mm****AT-K-M M12 +  
bulkhead coupling D4**

Part No.  
EAN  
Package quantity  
Thread  
Length  
Width  
Height

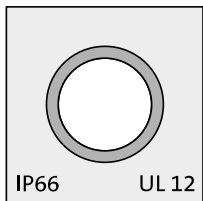
**39971**  
**4251269325588**  
**1**  
**M12 × 1,0**  
**21 mm**  
**21 mm**  
**33,8 mm**

Mounting height  
For pneumatic hose**16,8 mm**  
**4 mm****AT-K-M M12 × 1.5**

Part No.  
EAN  
Package quantity  
Thread  
Length  
Width  
Height

**39956**  
**4251269322037**  
**5**  
**M12 × 1,5**  
**21 mm**  
**21 mm**  
**19 mm**

Mounting height

**2 mm****AT-K-M M14 × 1.0**

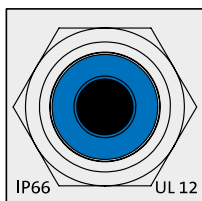
Part No.  
EAN  
Package quantity  
Thread  
Length  
Width  
Height

**39962**  
**4251269322716**  
**5**  
**M14 × 1,0**  
**21 mm**  
**21 mm**  
**19 mm**

Mounting height

**2 mm**

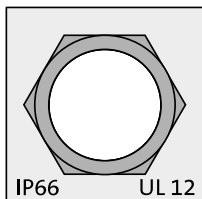
**AT-K-M M14 +  
bulkhead coupling D6**



Part No. **39972**  
EAN **4251269325595**  
Package quantity **1**  
Thread **M14 × 1,0**  
Length **21 mm**  
Width **21 mm**  
Height **35,1 mm**

Mounting height **18,1 mm**  
For pneumatic hose **6 mm**

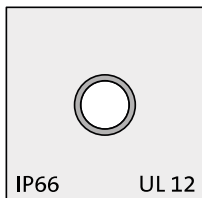
**AT-K-M M16 × 1.5**



Part No. **39957**  
EAN **4251269322358**  
Package quantity **5**  
Thread **M16 × 1,5**  
Length **21 mm**  
Width **21 mm**  
Height **19 mm**

Mounting height **2 mm**

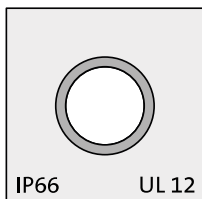
**AT-K-Z 1/8"**



Part No. **39963**  
EAN **4251269323041**  
Package quantity **5**  
Thread **1/8"**  
Length **21 mm**  
Width **21 mm**  
Height **19 mm**

Mounting height **2 mm**

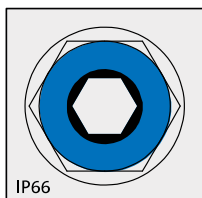
**AT-K-Z 1/4"**



Part No. **39964**  
EAN **4251269323058**  
Package quantity **5**  
Thread **1/4"**  
Length **21 mm**  
Width **21 mm**  
Height **19 mm**

Mounting height **2 mm**

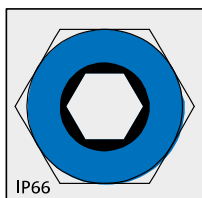
**AT-K-Z 1/4" + 2×  
bulkhead fitting D8**



Part No. **39973**  
EAN **4251269332043**  
Package quantity **1**  
Thread **1/4"**  
Length **21 mm**  
Width **21 mm**  
Height **51 mm**

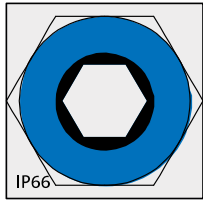
Mounting height **16 mm**

**AT-K-Z 1/4" + 2×  
bulkhead fitting D10**



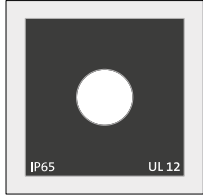
Part No. **39974**  
EAN **4251269332050**  
Package quantity **1**  
Thread **1/4"**  
Length **21 mm**  
Width **21 mm**  
Height **64 mm**

Mounting height **22,5 mm**

**AT-K-Z 1/4" + 2x  
bulkhead fitting D12**

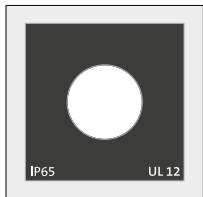
Part No. **39976**  
EAN **4251269332067**  
Package quantity **1**  
Thread **1/4"**  
Length **21 mm**  
Width **21 mm**  
Height **68 mm**

Mounting height **24,5 mm**

**AT-M 12 x 1.0**

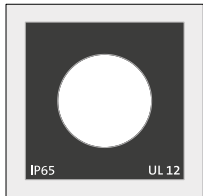
Part No. **39946**  
EAN **4251269320897**  
Package quantity **10**  
Thread **M12 x 1,0**  
Length **42**  
Width **41,5**  
Height **19**

Mounting height **2**

**AT-M 16 x 1.5**

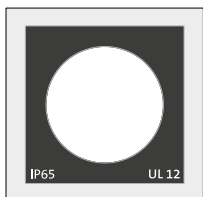
Part No. **39947**  
EAN **4251269320903**  
Package quantity **10**  
Thread **M16 x 1,5**  
Length **42**  
Width **41,5**  
Height **19**

Mounting height **2**

**AT-M 20 x 1.5**

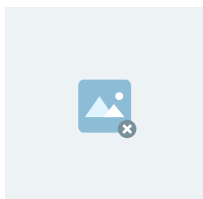
Part No. **39948**  
EAN **4251269320910**  
Package quantity **10**  
Thread **M20 x 1,5**  
Length **42**  
Width **41,5**  
Height **19**

Mounting height **2**

**AT-M 25 x 1.5**

Part No. **39949**  
EAN **4251269320927**  
Package quantity **10**  
Thread **M25 x 1,5**  
Length **42**  
Width **41,5**  
Height **19**

Mounting height **2**

**Screw plug M16x1,5**

Part No. **99195**  
EAN **4251269321078**  
Package quantity **10**  
Thread **M16 x 1,5**  
Mounting height **2 mm**

**Screw plug M20 × 1.5**

Part No.  
EAN  
Package quantity  
Thread  
Mounting height

**99196**  
**4251269321085**  
**10**  
**M20 × 1,5**  
**2 mm**

**Screw plug M25 × 1.5**

Part No.  
EAN  
Package quantity  
Thread  
Mounting height

**99197**  
**4251269321092**  
**10**  
**M25 × 1,5**  
**2 mm**

