

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

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



IP54

IP55

Made in Germany

IP64

EN 45545-2

IP65

certified

IP66

ISO 4892-2A

UL TYPE 12

compliant

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).

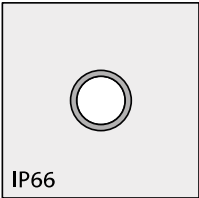
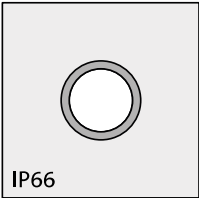
## Specifications

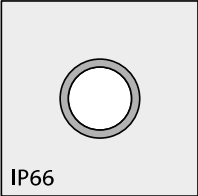
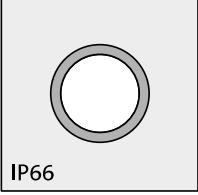
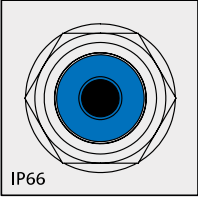
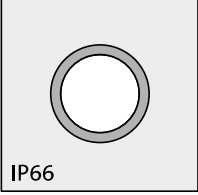
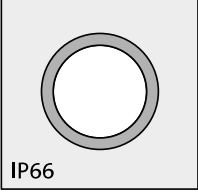
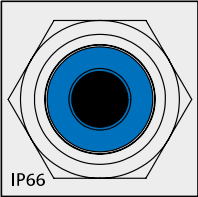
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|-----------------------|------------------------------|
| IP rating (EN 60529)  | IP54, IP55, IP64, IP65, IP66 |
| UL Type (UL 50E)      | UL Type 12                   |
| Material              | Elastomer<br>Body: Polyamide |
| Flame class      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

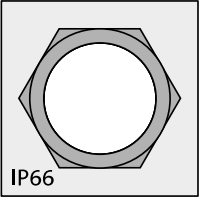
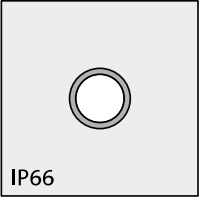
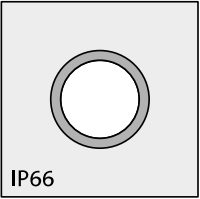
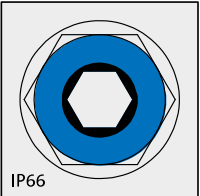
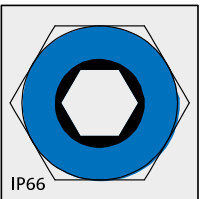
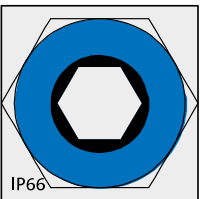
## Advantages & benefits

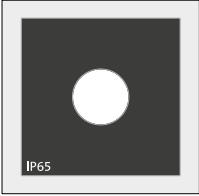
- Panel connectors and sockets can be integrated directly into the cable entry system
- Separate cut-outs for connectors are no longer necessary
- Space-saving solution

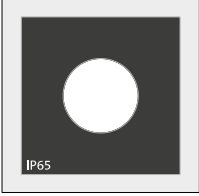
## Product types & sizes

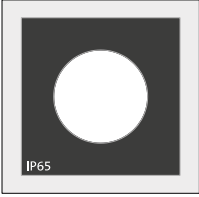
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|------------------------------------------------------------------------------------|------------------|---------------|-----------------|
| AT-K-M M5 × 0.5                                                                    |                  |               |                 |
|  | Part No.         | 39953         | Mounting height |
|                                                                                    | EAN              | 4251269322006 | 2 mm            |
|                                                                                    | Package quantity | 5             |                 |
|                                                                                    | Thread           | M5 × 0,5      |                 |
|                                                                                    | Length           | 21 mm         |                 |
|                                                                                    | Width            | 21 mm         |                 |
| AT-K-M M8 × 0.5                                                                    |                  |               |                 |
|  | Part No.         | 39966         | Mounting height |
|                                                                                    | EAN              | 4251269323812 | 2 mm            |
|                                                                                    | Package quantity | 5             |                 |
|                                                                                    | Thread           | M8 × 0,5      |                 |
|                                                                                    | Length           | 21 mm         |                 |
|                                                                                    | Width            | 21 mm         |                 |

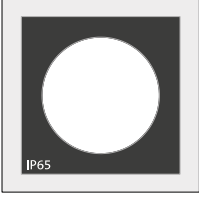
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|--------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| <b>AT-K-M M8 × 1.0</b><br>                      | Part No.<br>EAN<br>Package quantity<br>Thread<br>Length<br>Width<br>Height | <b>39954</b><br><b>4251269322013</b><br><b>5</b><br><b>M8 × 1,0</b><br><b>21 mm</b><br><b>21 mm</b><br><b>19 mm</b>    | Mounting height<br><br><br><br><br><br><br><b>2 mm</b>                                         |
| <b>AT-K-M M12 × 1.0</b><br>                    | Part No.<br>EAN<br>Package quantity<br>Thread<br>Length<br>Width<br>Height | <b>39955</b><br><b>4251269322020</b><br><b>5</b><br><b>M12 × 1,0</b><br><b>21 mm</b><br><b>21 mm</b><br><b>19 mm</b>   | Mounting height<br><br><br><br><br><br><br><b>2 mm</b>                                         |
| <b>AT-K-M M12 + bulkhead coupling D4</b><br>   | Part No.<br>EAN<br>Package quantity<br>Thread<br>Length<br>Width<br>Height | <b>39971</b><br><b>4251269325588</b><br><b>1</b><br><b>M12 × 1,0</b><br><b>21 mm</b><br><b>21 mm</b><br><b>33,8 mm</b> | Mounting height<br>For pneumatic hose<br><br><br><br><br><br><br><b>16,8 mm</b><br><b>4 mm</b> |
| <b>AT-K-M M12 × 1.5</b><br>                  | Part No.<br>EAN<br>Package quantity<br>Thread<br>Length<br>Width<br>Height | <b>39956</b><br><b>4251269322037</b><br><b>5</b><br><b>M12 × 1,5</b><br><b>21 mm</b><br><b>21 mm</b><br><b>19 mm</b>   | Mounting height<br><br><br><br><br><br><br><b>2 mm</b>                                         |
| <b>AT-K-M M14 × 1.0</b><br>                  | Part No.<br>EAN<br>Package quantity<br>Thread<br>Length<br>Width<br>Height | <b>39962</b><br><b>4251269322716</b><br><b>5</b><br><b>M14 × 1,0</b><br><b>21 mm</b><br><b>21 mm</b><br><b>19 mm</b>   | Mounting height<br><br><br><br><br><br><br><b>2 mm</b>                                         |
| <b>AT-K-M M14 + bulkhead coupling D6</b><br> | Part No.<br>EAN<br>Package quantity<br>Thread<br>Length<br>Width<br>Height | <b>39972</b><br><b>4251269325595</b><br><b>1</b><br><b>M14 × 1,0</b><br><b>21 mm</b><br><b>21 mm</b><br><b>35,1 mm</b> | Mounting height<br>For pneumatic hose<br><br><br><br><br><br><br><b>18,1 mm</b><br><b>6 mm</b> |

|                                                                                                                                    |                                                                            |                                                                                                                      |                                   |
|------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| <b>AT-K-M M16 × 1.5</b><br>                         | Part No.<br>EAN<br>Package quantity<br>Thread<br>Length<br>Width<br>Height | <b>39957</b><br><b>4251269322358</b><br><b>5</b><br><b>M16 × 1,5</b><br><b>21 mm</b><br><b>21 mm</b><br><b>19 mm</b> | Mounting height<br><b>2 mm</b>    |
| <b>AT-K-Z 1/8"</b><br>                             | Part No.<br>EAN<br>Package quantity<br>Thread<br>Length<br>Width<br>Height | <b>39963</b><br><b>4251269323041</b><br><b>5</b><br><b>1/8"</b><br><b>21 mm</b><br><b>21 mm</b><br><b>19 mm</b>      | Mounting height<br><b>2 mm</b>    |
| <b>AT-K-Z 1/4"</b><br>                             | Part No.<br>EAN<br>Package quantity<br>Thread<br>Length<br>Width<br>Height | <b>39964</b><br><b>4251269323058</b><br><b>5</b><br><b>1/4"</b><br><b>21 mm</b><br><b>21 mm</b><br><b>19 mm</b>      | Mounting height<br><b>2 mm</b>    |
| <b>AT-K-Z 1/4" + 2× bulkhead fitting D8</b><br>  | Part No.<br>EAN<br>Package quantity<br>Thread<br>Length<br>Width<br>Height | <b>39973</b><br><b>4251269332043</b><br><b>1</b><br><b>1/4"</b><br><b>21 mm</b><br><b>21 mm</b><br><b>51 mm</b>      | Mounting height<br><b>16 mm</b>   |
| <b>AT-K-Z 1/4" + 2× bulkhead fitting D10</b><br> | Part No.<br>EAN<br>Package quantity<br>Thread<br>Length<br>Width<br>Height | <b>39974</b><br><b>4251269332050</b><br><b>1</b><br><b>1/4"</b><br><b>21 mm</b><br><b>21 mm</b><br><b>64 mm</b>      | Mounting height<br><b>22,5 mm</b> |
| <b>AT-K-Z 1/4" + 2× bulkhead fitting D12</b><br> | Part No.<br>EAN<br>Package quantity<br>Thread<br>Length<br>Width<br>Height | <b>39976</b><br><b>4251269332067</b><br><b>1</b><br><b>1/4"</b><br><b>21 mm</b><br><b>21 mm</b><br><b>68 mm</b>      | Mounting height<br><b>24,5 mm</b> |

|                                                                                                         |                  |                      |                 |          |
|---------------------------------------------------------------------------------------------------------|------------------|----------------------|-----------------|----------|
| <b>AT-M 12 × 1.0</b><br> | Part No.         | <b>39946</b>         | Mounting height | <b>2</b> |
|                                                                                                         | EAN              | <b>4251269320897</b> |                 |          |
|                                                                                                         | Package quantity | <b>10</b>            |                 |          |
|                                                                                                         | Thread           | <b>M12 × 1,0</b>     |                 |          |
|                                                                                                         | Length           | <b>42</b>            |                 |          |
|                                                                                                         | Width            | <b>41,5</b>          |                 |          |
|                                                                                                         | Height           | <b>19</b>            |                 |          |

|                                                                                                          |                  |                      |                 |          |
|----------------------------------------------------------------------------------------------------------|------------------|----------------------|-----------------|----------|
| <b>AT-M 16 × 1.5</b><br> | Part No.         | <b>39947</b>         | Mounting height | <b>2</b> |
|                                                                                                          | EAN              | <b>4251269320903</b> |                 |          |
|                                                                                                          | Package quantity | <b>10</b>            |                 |          |
|                                                                                                          | Thread           | <b>M16 × 1,5</b>     |                 |          |
|                                                                                                          | Length           | <b>42</b>            |                 |          |
|                                                                                                          | Width            | <b>41,5</b>          |                 |          |
|                                                                                                          | Height           | <b>19</b>            |                 |          |

|                                                                                                          |                  |                      |                 |          |
|----------------------------------------------------------------------------------------------------------|------------------|----------------------|-----------------|----------|
| <b>AT-M 20 × 1.5</b><br> | Part No.         | <b>39948</b>         | Mounting height | <b>2</b> |
|                                                                                                          | EAN              | <b>4251269320910</b> |                 |          |
|                                                                                                          | Package quantity | <b>10</b>            |                 |          |
|                                                                                                          | Thread           | <b>M20 × 1,5</b>     |                 |          |
|                                                                                                          | Length           | <b>42</b>            |                 |          |
|                                                                                                          | Width            | <b>41,5</b>          |                 |          |
|                                                                                                          | Height           | <b>19</b>            |                 |          |

|                                                                                                            |                  |                      |                 |          |
|------------------------------------------------------------------------------------------------------------|------------------|----------------------|-----------------|----------|
| <b>AT-M 25 × 1.5</b><br> | Part No.         | <b>39949</b>         | Mounting height | <b>2</b> |
|                                                                                                            | EAN              | <b>4251269320927</b> |                 |          |
|                                                                                                            | Package quantity | <b>10</b>            |                 |          |
|                                                                                                            | Thread           | <b>M25 × 1,5</b>     |                 |          |
|                                                                                                            | Length           | <b>42</b>            |                 |          |
|                                                                                                            | Width            | <b>41,5</b>          |                 |          |
|                                                                                                            | Height           | <b>19</b>            |                 |          |

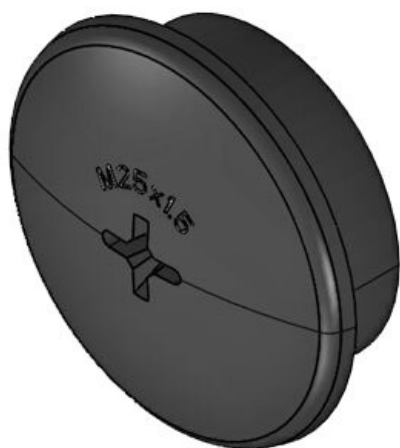
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| <b>Screw plug M16×1,5</b><br> | Part No.         | <b>99195</b>         |  |  |
|                                                                                                                  | EAN              | <b>4251269321078</b> |  |  |
|                                                                                                                  | Package quantity | <b>10</b>            |  |  |
|                                                                                                                  | Thread           | <b>M16 × 1,5</b>     |  |  |
|                                                                                                                  | Mounting height  | <b>2 mm</b>          |  |  |
|                                                                                                                  |                  |                      |  |  |
|                                                                                                                  |                  |                      |  |  |

**Screw plug M20 × 1.5**



|                  |                      |
|------------------|----------------------|
| Part No.         | <b>99196</b>         |
| EAN              | <b>4251269321085</b> |
| Package quantity | <b>10</b>            |
| Thread           | <b>M20 × 1,5</b>     |
| Mounting height  | <b>2 mm</b>          |

**Screw plug M25 × 1.5**



|                  |                      |
|------------------|----------------------|
| Part No.         | <b>99197</b>         |
| EAN              | <b>4251269321092</b> |
| Package quantity | <b>10</b>            |
| Thread           | <b>M25 × 1,5</b>     |
| Mounting height  | <b>2 mm</b>          |