

# KGM | GMT | Hexagonal locknuts

for split cable glands, with threads M16 - M85



KGM are hexagonal locknuts with metric threads M16 - M85 for attaching components together.

For routing SUB-D, DVI or PROFIBUS connectors in combination with the [split cable glands KVT / QVT](#), special locknuts with suitable cut-outs are required:

- KGM-SUB-D9 fits D-Sub 9 connectors (Required wall cut-out: Ø 36 mm)
- KGM-PB fits DVI and PROFIBUS connectors (Required wall cut-out: Ø 42 mm)
- KGM-SUB-D25 fits SUB-D25 connectors (Required wall cut-out: Ø 50 - 54 mm)

Split hexagonal locknuts GMT for use in combination with split cable glands KVT/QVT whenever pre-terminated cables are routed inside cable protection conduits through a machine or cabinet wall. Suitable for [split corrugated conduits CONFIX WST](#).

## Specifications

|                       |                             |
|-----------------------|-----------------------------|
| Flame class           | UL94-V0, self-extinguishing |
| Operating temperature | -30 C° to 120 C°            |
| Properties            | silicone free, halogen free |

## Advantages & benefits

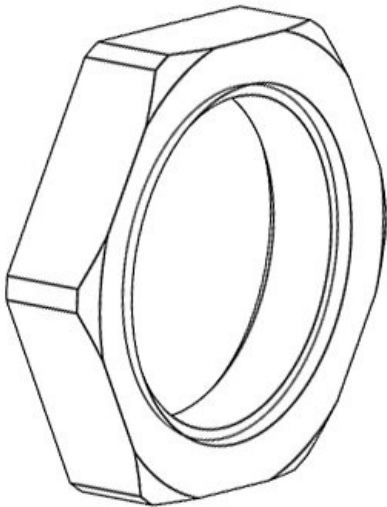
## Product types & sizes

KGM 16 gy

A technical line drawing of a hexagonal lock nut. The drawing shows the hexagonal shape from an isometric perspective. The top face is a hexagon with a central circular hole. The inner surface of the hole shows a threaded pattern. The side of the nut is also hexagonal, with a flat top and a slightly tapered bottom. The drawing is a simple line art with no shading.

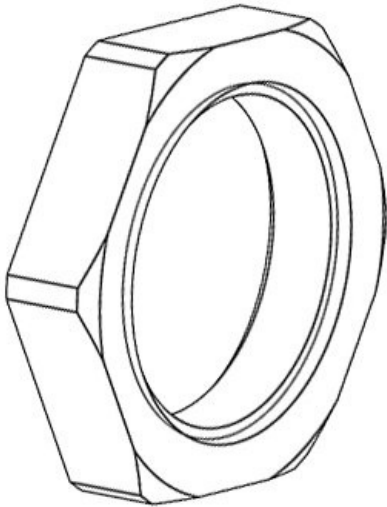
|                   |                                |                |                  |
|-------------------|--------------------------------|----------------|------------------|
| Part No.          | <b>52272</b>                   | Thread         | <b>M16 × 1,5</b> |
| EAN               | <b>4251269315459</b>           | Connector type | <b>universal</b> |
| Package quantity  | <b>10</b>                      | Split          | <b>No</b>        |
| Colour            | <b>grey (similar RAL 7035)</b> |                |                  |
| Height            | <b>4,3 mm</b>                  |                |                  |
| External diameter | <b>24,5 mm</b>                 |                |                  |
| Wrench size       | <b>SW 22.8</b>                 |                |                  |

KGM 20 gy



|                  |                                |           |                  |
|------------------|--------------------------------|-----------|------------------|
| Part No.         | <b>52273</b>                   | Connector | <b>universal</b> |
| EAN              | <b>4251269315</b>              | type      |                  |
|                  | <b>466</b>                     | Split     | <b>No</b>        |
| Package quantity | <b>10</b>                      |           |                  |
| Colour           | <b>grey (similar RAL 7035)</b> |           |                  |
| Height           | <b>7 mm</b>                    |           |                  |
| Wrench size      | <b>SW 26</b>                   |           |                  |
| Thread           | <b>M20 × 1,5</b>               |           |                  |

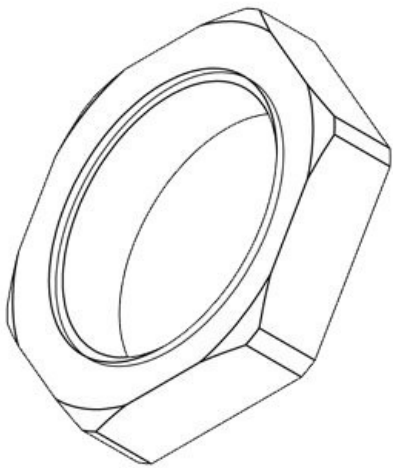
KGM 20 bk



|                  |                   |           |                  |
|------------------|-------------------|-----------|------------------|
| Part No.         | <b>52283</b>      | Connector | <b>universal</b> |
| EAN              | <b>4251269315</b> | type      |                  |
|                  | <b>527</b>        | Split     | <b>No</b>        |
| Package quantity | <b>10</b>         |           |                  |
| Colour           | <b>black</b>      |           |                  |
| Height           | <b>7 mm</b>       |           |                  |
| Wrench size      | <b>SW 26</b>      |           |                  |
| Thread           | <b>M20 × 1,5</b>  |           |                  |

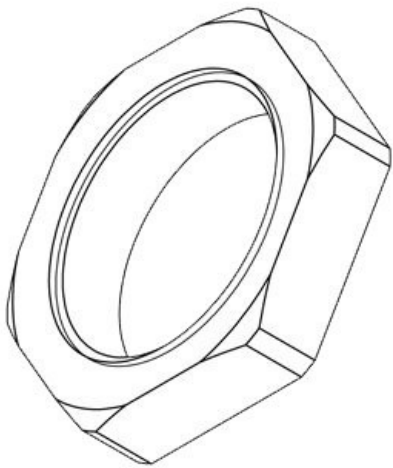
KGM 25 gy

|                  |                                |           |                  |
|------------------|--------------------------------|-----------|------------------|
| Part No.         | <b>52274</b>                   | Connector | <b>universal</b> |
| EAN              | <b>4251269315473</b>           | type      | <b>No</b>        |
| Package quantity | <b>10</b>                      | Split     |                  |
| Colour           | <b>grey (similar RAL 7035)</b> |           |                  |
| Height           | <b>7 mm</b>                    |           |                  |
| Wrench size      | <b>SW 32</b>                   |           |                  |
| Thread           | <b>M25 × 1,5</b>               |           |                  |

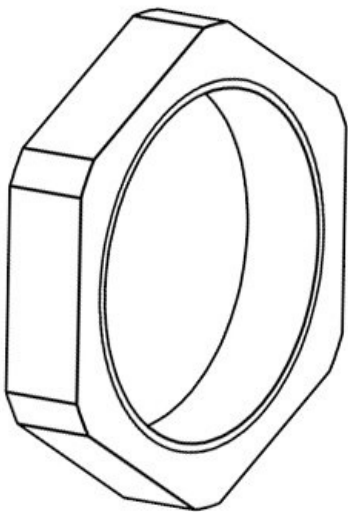


KGM 25 bk

|                  |                      |           |                  |
|------------------|----------------------|-----------|------------------|
| Part No.         | <b>52284</b>         | Connector | <b>universal</b> |
| EAN              | <b>4251269315534</b> | type      | <b>No</b>        |
| Package quantity | <b>10</b>            | Split     |                  |
| Colour           | <b>black</b>         |           |                  |
| Height           | <b>7 mm</b>          |           |                  |
| Wrench size      | <b>SW 32</b>         |           |                  |
| Thread           | <b>M25 × 1,5</b>     |           |                  |

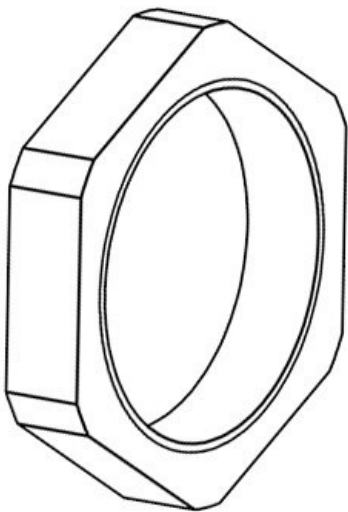


KGM 32 gy



|                  |                                |           |                  |
|------------------|--------------------------------|-----------|------------------|
| Part No.         | <b>52275</b>                   | Connector | <b>universal</b> |
| EAN              | <b>4251269315</b>              | type      |                  |
|                  | <b>480</b>                     | Split     | <b>No</b>        |
| Package quantity | <b>10</b>                      |           |                  |
| Colour           | <b>grey (similar RAL 7035)</b> |           |                  |
| Height           | <b>7 mm</b>                    |           |                  |
| Wrench size      | <b>SW 41</b>                   |           |                  |
| Thread           | <b>M32 × 1,5</b>               |           |                  |

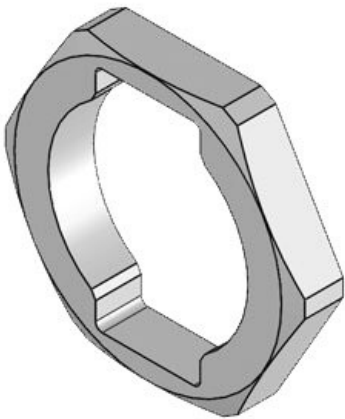
KGM 32 bk



|                  |                   |           |                  |
|------------------|-------------------|-----------|------------------|
| Part No.         | <b>52285</b>      | Connector | <b>universal</b> |
| EAN              | <b>4251269315</b> | type      |                  |
|                  | <b>541</b>        | Split     | <b>No</b>        |
| Package quantity | <b>10</b>         |           |                  |
| Colour           | <b>black</b>      |           |                  |
| Height           | <b>7 mm</b>       |           |                  |
| Wrench size      | <b>SW 41</b>      |           |                  |
| Thread           | <b>M32 × 1,5</b>  |           |                  |

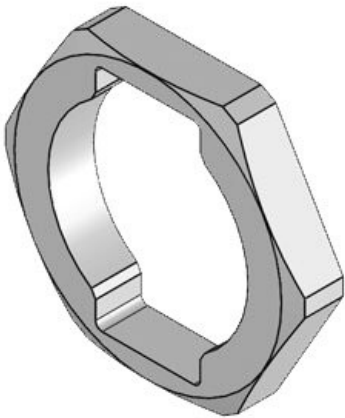
KGM-SUB-D9 gy

|                  |                                |           |                |
|------------------|--------------------------------|-----------|----------------|
| Part No.         | <b>45105</b>                   | Connector | <b>D-Sub 9</b> |
| EAN              | <b>4251269311</b>              | type      |                |
|                  | <b>185</b>                     | Split     | <b>No</b>      |
| Package quantity | <b>10</b>                      |           |                |
| Colour           | <b>grey (similar RAL 7035)</b> |           |                |
| Height           | <b>7 mm</b>                    |           |                |
| Wrench size      | <b>SW 41</b>                   |           |                |
| Thread           | <b>M32 × 1,5</b>               |           |                |

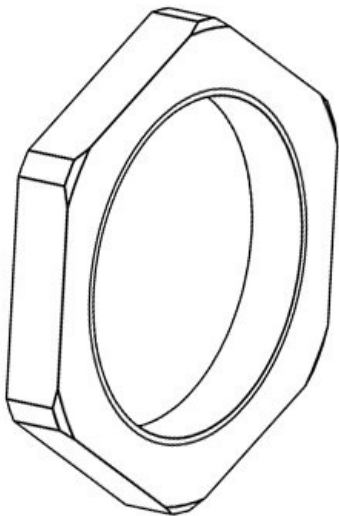


KGM-SUB-D9 bk

|                  |                   |           |                |
|------------------|-------------------|-----------|----------------|
| Part No.         | <b>45106</b>      | Connector | <b>D-Sub 9</b> |
| EAN              | <b>4251269311</b> | type      |                |
|                  | <b>192</b>        | Split     | <b>No</b>      |
| Package quantity | <b>10</b>         |           |                |
| Colour           | <b>black</b>      |           |                |
| Height           | <b>7 mm</b>       |           |                |
| Wrench size      | <b>SW 41</b>      |           |                |
| Thread           | <b>M32 × 1,5</b>  |           |                |

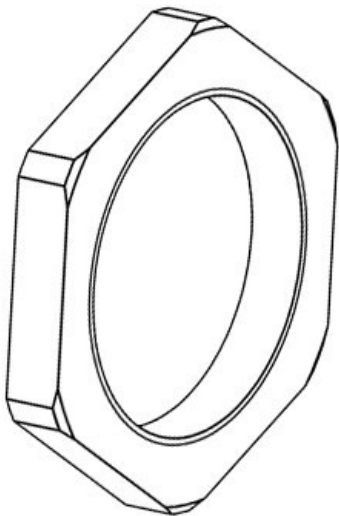


KGM 40 gy



|                  |                                |           |                  |
|------------------|--------------------------------|-----------|------------------|
| Part No.         | <b>52276</b>                   | Connector | <b>universal</b> |
| EAN              | <b>4251269315</b>              | type      |                  |
|                  | <b>497</b>                     | Split     | <b>No</b>        |
| Package quantity | <b>10</b>                      |           |                  |
| Colour           | <b>grey (similar RAL 7035)</b> |           |                  |
| Height           | <b>7 mm</b>                    |           |                  |
| Wrench size      | <b>SW 50</b>                   |           |                  |
| Thread           | <b>M40 × 1,5</b>               |           |                  |

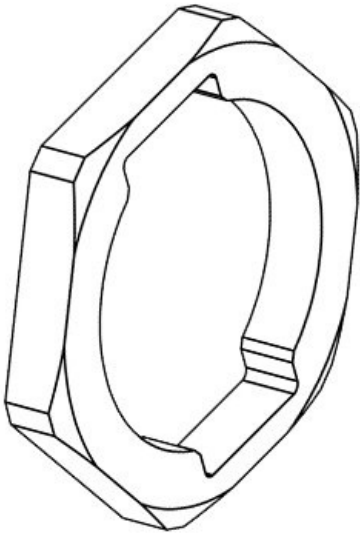
KGM 40 bk



|                  |                   |           |                  |
|------------------|-------------------|-----------|------------------|
| Part No.         | <b>52286</b>      | Connector | <b>universal</b> |
| EAN              | <b>4251269315</b> | type      |                  |
|                  | <b>558</b>        | Split     | <b>No</b>        |
| Package quantity | <b>10</b>         |           |                  |
| Colour           | <b>black</b>      |           |                  |
| Height           | <b>7 mm</b>       |           |                  |
| Wrench size      | <b>SW 50</b>      |           |                  |
| Thread           | <b>M40 × 1,5</b>  |           |                  |

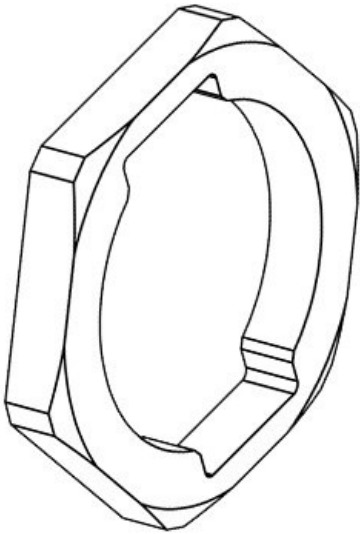
KGM-PB gy

|                  |                                |           |                 |
|------------------|--------------------------------|-----------|-----------------|
| Part No.         | <b>45107</b>                   | Connector | <b>Profibus</b> |
| EAN              | <b>4251269311</b>              | type      |                 |
|                  | <b>208</b>                     | Split     | <b>No</b>       |
| Package quantity | <b>10</b>                      |           |                 |
| Colour           | <b>grey (similar RAL 7035)</b> |           |                 |
| Height           | <b>8 mm</b>                    |           |                 |
| Wrench size      | <b>SW 50</b>                   |           |                 |
| Thread           | <b>M40 × 1,5</b>               |           |                 |

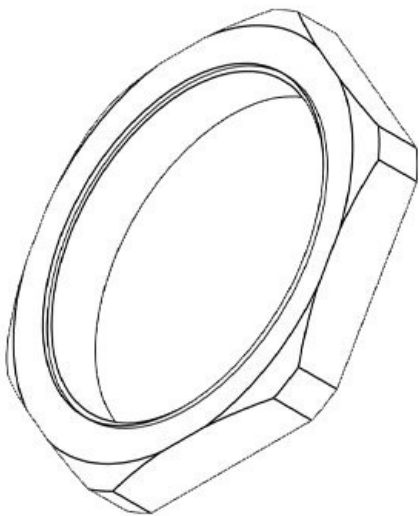


KGM-PB bk

|                  |                   |           |                 |
|------------------|-------------------|-----------|-----------------|
| Part No.         | <b>45109</b>      | Connector | <b>Profibus</b> |
| EAN              | <b>4251269311</b> | type      |                 |
|                  | <b>222</b>        | Split     | <b>No</b>       |
| Package quantity | <b>10</b>         |           |                 |
| Colour           | <b>black</b>      |           |                 |
| Height           | <b>8 mm</b>       |           |                 |
| Wrench size      | <b>SW 50</b>      |           |                 |
| Thread           | <b>M40 × 1,5</b>  |           |                 |

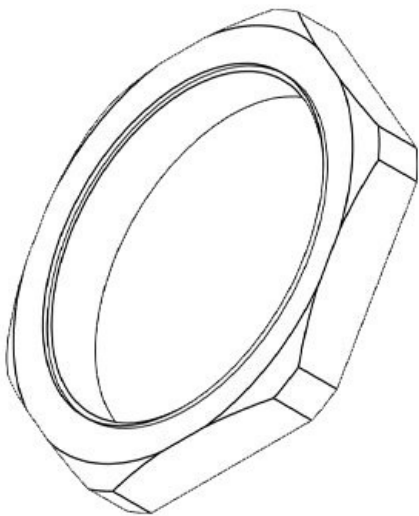


KGM 50 gy



|                  |                                |           |                  |
|------------------|--------------------------------|-----------|------------------|
| Part No.         | <b>52277</b>                   | Connector | <b>universal</b> |
| EAN              | <b>4251269315</b>              | type      |                  |
|                  | <b>503</b>                     | Split     | <b>No</b>        |
| Package quantity | <b>10</b>                      |           |                  |
| Colour           | <b>grey (similar RAL 7035)</b> |           |                  |
| Height           | <b>8,5 mm</b>                  |           |                  |
| Wrench size      | <b>SW 60</b>                   |           |                  |
| Thread           | <b>M50 × 1,5</b>               |           |                  |

KGM 50 bk



|                  |                   |           |                  |
|------------------|-------------------|-----------|------------------|
| Part No.         | <b>52287</b>      | Connector | <b>universal</b> |
| EAN              | <b>4251269315</b> | type      |                  |
|                  | <b>565</b>        | Split     | <b>No</b>        |
| Package quantity | <b>10</b>         |           |                  |
| Colour           | <b>black</b>      |           |                  |
| Height           | <b>8,5 mm</b>     |           |                  |
| Wrench size      | <b>SW 60</b>      |           |                  |
| Thread           | <b>M50 × 1,5</b>  |           |                  |

KGM-SUB-D25 gy

|                  |                                |           |                 |
|------------------|--------------------------------|-----------|-----------------|
| Part No.         | <b>45108</b>                   | Connector | <b>D-Sub 25</b> |
| EAN              | <b>4251269311</b>              | type      |                 |
|                  | <b>215</b>                     | Split     | <b>No</b>       |
| Package quantity | <b>10</b>                      |           |                 |
| Colour           | <b>grey (similar RAL 7035)</b> |           |                 |
| Height           | <b>8 mm</b>                    |           |                 |
| Wrench size      | <b>SW 60</b>                   |           |                 |
| Thread           | <b>M50 × 1,5</b>               |           |                 |

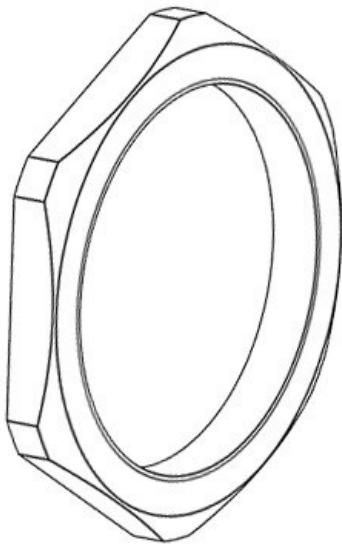


KGM-SUB-D25 bk

|                  |                   |           |                 |
|------------------|-------------------|-----------|-----------------|
| Part No.         | <b>45110</b>      | Connector | <b>D-Sub 25</b> |
| EAN              | <b>4251269311</b> | type      |                 |
|                  | <b>239</b>        | Split     | <b>No</b>       |
| Package quantity | <b>10</b>         |           |                 |
| Colour           | <b>black</b>      |           |                 |
| Height           | <b>8 mm</b>       |           |                 |
| Wrench size      | <b>SW 60</b>      |           |                 |
| Thread           | <b>M50 × 1,5</b>  |           |                 |

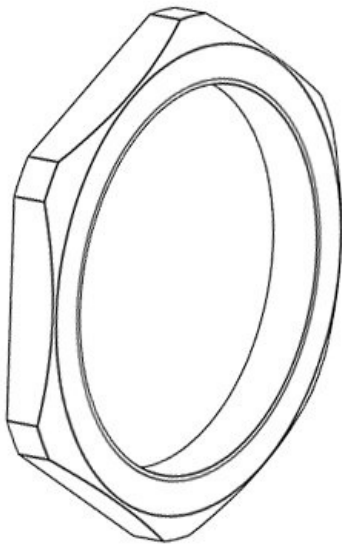


KGM 63 gy



|                  |                                |           |                  |
|------------------|--------------------------------|-----------|------------------|
| Part No.         | <b>52278</b>                   | Connector | <b>universal</b> |
| EAN              | <b>4251269315</b>              | type      |                  |
|                  | <b>510</b>                     | Split     | <b>No</b>        |
| Package quantity | <b>5</b>                       |           |                  |
| Colour           | <b>grey (similar RAL 7035)</b> |           |                  |
| Height           | <b>8,5 mm</b>                  |           |                  |
| Wrench size      | <b>SW 75</b>                   |           |                  |
| Thread           | <b>M63 × 1,5</b>               |           |                  |

KGM 63 bk



|                  |                   |           |                  |
|------------------|-------------------|-----------|------------------|
| Part No.         | <b>52288</b>      | Connector | <b>universal</b> |
| EAN              | <b>4251269315</b> | type      |                  |
|                  | <b>572</b>        | Split     | <b>No</b>        |
| Package quantity | <b>5</b>          |           |                  |
| Colour           | <b>black</b>      |           |                  |
| Height           | <b>8,5 mm</b>     |           |                  |
| Wrench size      | <b>SW 75</b>      |           |                  |
| Thread           | <b>M63 × 1,5</b>  |           |                  |

KGM 75 bk

|                  |                      |           |                  |
|------------------|----------------------|-----------|------------------|
| Part No.         | <b>52289</b>         | Connector | <b>universal</b> |
| EAN              | <b>4251269316999</b> | type      |                  |
| Package quantity | <b>10</b>            | Split     | <b>No</b>        |
| Colour           | <b>black</b>         |           |                  |
| Height           | <b>8,5 mm</b>        |           |                  |
| Wrench size      | <b>SW 85</b>         |           |                  |
| Thread           | <b>M75 × 1,5</b>     |           |                  |

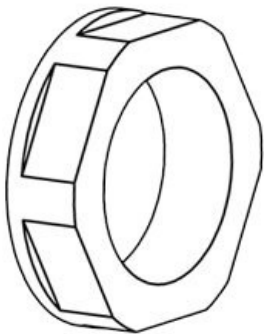


KGM 85 bk

|                  |                      |       |           |
|------------------|----------------------|-------|-----------|
| Part No.         | <b>52290</b>         | Split | <b>No</b> |
| EAN              | <b>4251269317002</b> |       |           |
| Package quantity | <b>10</b>            |       |           |
| Colour           | <b>black</b>         |       |           |
| Height           | <b>10 mm</b>         |       |           |
| Wrench size      | <b>SW 100</b>        |       |           |
| Connector type   | <b>universal</b>     |       |           |

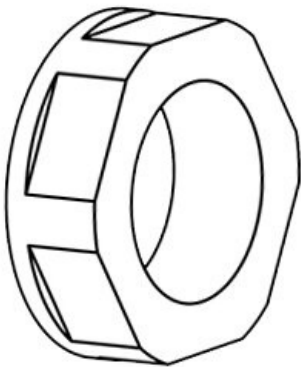


GMT 16



|                  |                      |       |            |
|------------------|----------------------|-------|------------|
| Part No.         | <b>31105</b>         | Split | <b>Yes</b> |
| EAN              | <b>4251269300011</b> |       |            |
| Package quantity | <b>10</b>            |       |            |
| Height           | <b>8 mm</b>          |       |            |
| Wrench size      | <b>SW 19</b>         |       |            |
| Thread           | <b>M16 × 1,5</b>     |       |            |
| Connector type   | <b>universal</b>     |       |            |

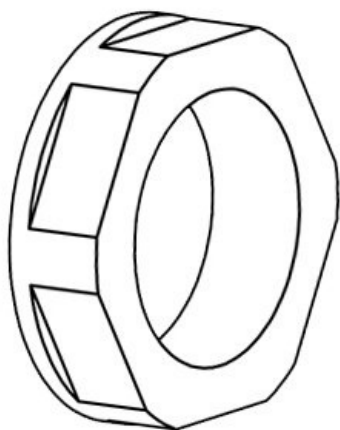
GMT 20



|                  |                      |       |            |
|------------------|----------------------|-------|------------|
| Part No.         | <b>31110</b>         | Split | <b>Yes</b> |
| EAN              | <b>4251269300028</b> |       |            |
| Package quantity | <b>10</b>            |       |            |
| Height           | <b>9 mm</b>          |       |            |
| Wrench size      | <b>SW 27</b>         |       |            |
| Thread           | <b>M20 × 1,5</b>     |       |            |
| Connector type   | <b>universal</b>     |       |            |

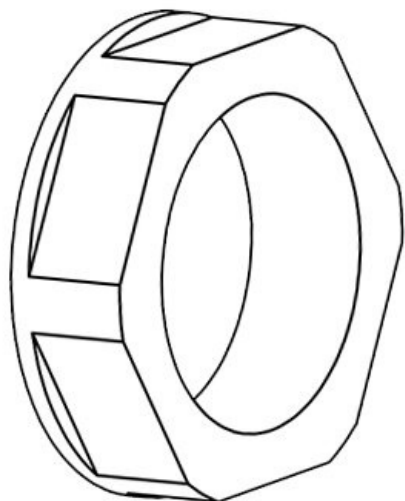
GMT 25

|                  |                      |       |            |
|------------------|----------------------|-------|------------|
| Part No.         | <b>31100</b>         | Split | <b>Yes</b> |
| EAN              | <b>4251269300004</b> |       |            |
| Package quantity | <b>10</b>            |       |            |
| Height           | <b>9 mm</b>          |       |            |
| Wrench size      | <b>SW 32</b>         |       |            |
| Thread           | <b>M25 × 1,5</b>     |       |            |
| Connector type   | <b>universal</b>     |       |            |

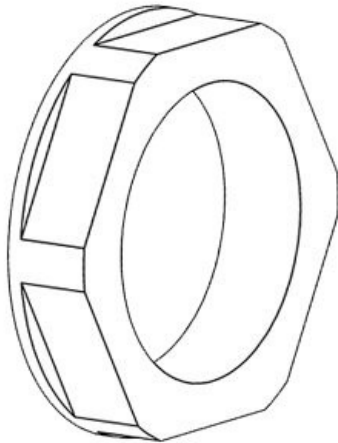


GMT 32

|                  |                      |       |            |
|------------------|----------------------|-------|------------|
| Part No.         | <b>31120</b>         | Split | <b>Yes</b> |
| EAN              | <b>4251269300035</b> |       |            |
| Package quantity | <b>10</b>            |       |            |
| Height           | <b>12 mm</b>         |       |            |
| Wrench size      | <b>SW 40</b>         |       |            |
| Thread           | <b>M32 × 1,5</b>     |       |            |
| Connector type   | <b>universal</b>     |       |            |

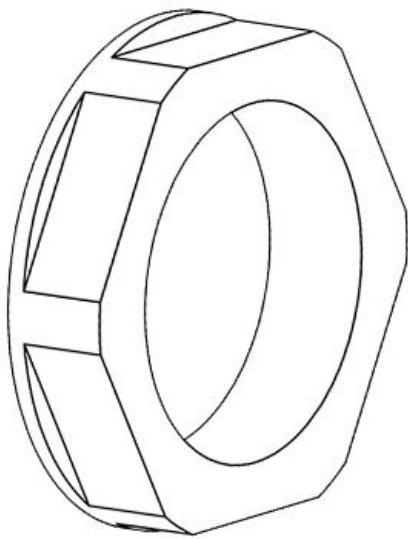


**GMT 40**



|                  |                      |       |            |
|------------------|----------------------|-------|------------|
| Part No.         | <b>31130</b>         | Split | <b>Yes</b> |
| EAN              | <b>4251269300042</b> |       |            |
| Package quantity | <b>10</b>            |       |            |
| Height           | <b>15 mm</b>         |       |            |
| Wrench size      | <b>SW 48</b>         |       |            |
| Thread           | <b>M40 × 1,5</b>     |       |            |
| Connector type   | <b>universal</b>     |       |            |

**GMT 50**



|                  |                      |       |            |
|------------------|----------------------|-------|------------|
| Part No.         | <b>31140</b>         | Split | <b>Yes</b> |
| EAN              | <b>4251269300059</b> |       |            |
| Package quantity | <b>10</b>            |       |            |
| Height           | <b>15 mm</b>         |       |            |
| Wrench size      | <b>SW 63</b>         |       |            |
| Thread           | <b>M50 × 1,5</b>     |       |            |
| Connector type   | <b>universal</b>     |       |            |