



## Typ GMT

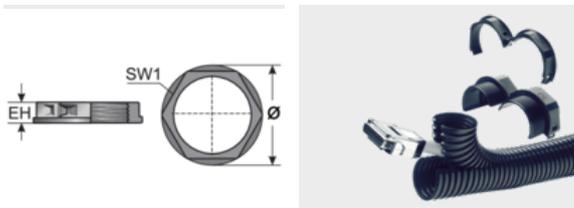


### Product information

The GMT split lock nut is made of specially modified polyamide 6. The material is halogen, phosphor and cadmium-free. The lock nuts are used when cable protection conduits fitted with pre-assembled cables need to be fixed or cable protection conduits need to be retrofitted. The GMT is ideal for connecting to our split EWT cable protection conduits and all other Murrflex cable protection conduits.

Particular benefits of the split lock nuts include:

- Subsequent installation or repairs
- Perfect for use with the SVT split conduit fitting
- Very good system tear-out strength
- Compact design
- Easy assembly and disassembly



### Information, conformities and approvals



| Article     | Order No. | Color | UV | EH<br>mm | SW 1<br>mm | Ø<br>mm | PU<br>pcs. |
|-------------|-----------|-------|----|----------|------------|---------|------------|
| GMT M16x1,5 | 83651454  | Black | ✓  | 10       | 26         | 30      | 50         |
| GMT M20x1,5 | 83651456  | Black | ✓  | 10       | 26         | 30      | 50         |
| GMT M25x1,5 | 83651458  | Black | ✓  | 10       | 28         | 32      | 50         |
| GMT M32x1,5 | 83651460  | Black | ✓  | 10       | 36         | 42      | 25         |
| GMT M40x1,5 | 83651462  | Black | ✓  | 12       | 46         | 52      | 25         |
| GMT M50x1,5 | 83651464  | Black | ✓  | 12       | 55         | 62      | 10         |
| GMT M63x1,5 | 83651466  | Black | ✓  | 12       | 70         | 79      | 10         |

### Material properties



mod. polyamide PA 6

### Thermal properties



Temperature / temperature range

-30 °C - 100 °C / short term: 130 °C



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### Fire properties



Fire classification

acc. to UL94: V0 UL listed material



Fire properties as per EN 45545-2

C.I.T. R22 / R23 HL3 :12:43 AM NF X 70-100-1/-2 600°C (1112 °F)

LOI R22 / R23 HL3 :33,8 % ISO 4589-2

Ds (max.) R22 / R23 HL3 :63 ISO 5659-2 (25 KW/m<sup>2</sup>)



Fire properties as per NFPA

ASTM E 162, ASTM E 662

### Chemical resistances



Resistant to:

Alcohol

Greases

Fuels

Mineral oils

### Technical information



Halogen-free

### Conformity



RoHS (EC Directive 2011/65/EU)

### Approvals and operating permits



EU railway approval

### Classification

ETIM 9: EC000940

ECLASS 14: 23110702

### General information



Made in Germany

All details given in our sales brochures and catalogues, as well as the information available online, are based on our current knowledge of the products described.

The electronic data and files made available by Murrplastik, particularly CAD files are based on our current knowledge of the product described.

A legally binding assurance of certain properties or the suitability for a certain purpose can not be determined from this information.

All information with respect to the chemical and physical properties of Murrplastik products, as well as application advice given verbally, in writing or by tests, is given to the best of our knowledge.

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Our General Terms and Conditions apply.

Recommended torques for  
**murrplastik connectors, corrugated  
conduits and cable fittings**



**holders, lock nuts and reducers**





## Recommended torques for **murrplastik connectors, corrugated conduits and cable fittings, holders, lock nuts and reducers**

### Fastening with lock nut

| Metric thread<br>EN 60423 | Connecting thread and lock nut<br>made of polyamide | Connection thread and lock nut<br>made of metal |
|---------------------------|---|---|
| M12x1.5                   | 2.0 Nm  | 5.0 Nm  |
| M16x1.5                   | 3.0 Nm  | 7.0 Nm  |
| M20x1.5                   | 4.0 Nm  | 8.0 Nm  |
| M25x1.5                   | 5.0 Nm  | 10.0 Nm   |
| M32x1.5                   | 6.0 Nm  | 12.0 Nm   |
| M40x1.5                   | 11.0 Nm   | 16.0 Nm   |
| M50x1.5                   | 15.0 Nm   | 17.0 Nm   |
| M63x1.5                   | 16.0 Nm   | 18.0 Nm   |

| Pg thread<br>DIN 40430 | Connecting thread and lock nut<br>made of polyamide | Connection thread and lock nut<br>made of metal |
|------------------------|---|---|
| Pg 7                   | 2.0 Nm  | 4.0 Nm  |
| Pg 9                   | 2.5 Nm  | 4.0 Nm  |
| Pg 11                  | 3.5 Nm  | 6.0 Nm  |
| Pg 13.5                | 4.0 Nm  | 7.0 Nm  |
| Pg 16                  | 4.5 Nm  | 8.0 Nm  |
| Pg 21                  | 7.5 Nm  | 10.0 Nm   |
| Pg 29                  | 9.0 Nm  | 13.0 Nm   |
| Pg 36                  | 14.0 Nm   | 15.0 Nm   |
| Pg 42                  | 15.0 Nm   | 16.0 Nm   |
| Pg 48                  | 16.0 Nm   | 17.0 Nm   |

### Please note the following information:

- The specified tightening torques are maximum values and should not be exceeded.
- The values are based on measurements under normal climate conditions (23°C / 50% rel. humidity). During assembly and operation, the prevailing climatic conditions should also be taken into account, as these can affect the properties of the components.
- Please consider the properties of the other components with which the murrplastik elements are connected.
- Locking and sealing elements tightened with a lower torque provide better long-term strength.



## Recommended torques for **Screws and nuts**

### Torques for screws and nuts

| Thread size | Torques |
|-------------|---------|
| M4          | 2.0 Nm  |
| M5          | 3.0 Nm  |
| M6          | 4.0 Nm  |
| M8          | 10.0 Nm |
| M10         | 15.0 Nm |

### Product examples from our webshop range



**Series m-pro**

on to the product

[shop.murrplastik.de](https://shop.murrplastik.de)



**Series m-fix**

on to the product

[shop.murrplastik.de](https://shop.murrplastik.de)



**UHE Holder**

on to the product

[shop.murrplastik.de](https://shop.murrplastik.de)

More info at

[shop.murrplastik.de](https://shop.murrplastik.de)



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More info at

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