



## Typ GMT

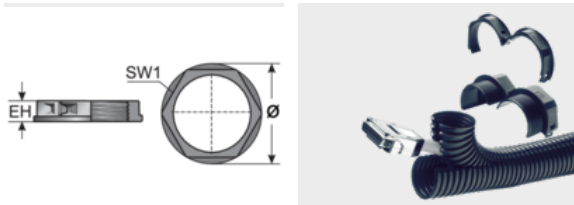


### Product information

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 mm	SW 1 mm	Ø mm	PU 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/m²)



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

# 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 EN 60423	Connecting thread and lock nut made of polyamide	Connection thread and lock nut 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 DIN 40430	Connecting thread and lock nut made of polyamide	Connection thread and lock nut 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

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