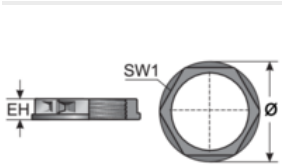
Typ GMT







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

HF RoHS EU Made in Germany

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

Typ GMT

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^2)

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.
They do not release the buyer from the obligation to carry out his own tests and trials in order to determine the concrete suitability of the products for the intended purpose.
Murrplastik accepts no responsibility for the available information being up-to-date, correct or complete. Neither do we accept responsibility for the quality of this information.
Murrplastik accepts no liability for damage caused as a result of using our products.
Murrplastik reserves the right to make technical changes and improvements through constant further development of products and services.
Our General Terms and Conditions apply.

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





holders, lock nuts and reducers







murrplastik®
Simply Smart Systems

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



Series m-fix

on to the product

shop.murrplastik.de



UHE Holder

on to the product

shop.murrplastik.de

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