



## Type GM (metal lock nut)



### Product information

The GM type lock nut is made of brass with nickel plating. It is available with metric or Pg thread and usable for all corresponding conduit and cable fittings, preferably with metal threads.

### Information, conformities and approvals



Article	Order No.	Color	IG	EH mm	SW 1 mm	PU pcs.
GM M12x1,5	83727010	Silver	M12x1,5	2.8	15	100
GM M16x1,5	83727012	Silver	M16x1,5	2.8	19	100
GM M20x1,5	83727014	Silver	M20x1,5	3	24	100
GM M25x1,5	83727016	Silver	M25x1,5	3.5	29	100
GM M32x1,5	83727018	Silver	M32x1,5	4.5	36	100
GM M40x1,5	83727020	Silver	M40x1,5	5	46	50
GM M50x1,5	83727022	Silver	M50x1,5	5	55	25
GM M63x1,5	83727024	Silver	M63x1,5	6	70	25
GM PG07	83722010	Silver	PG 07	2.8	15	100
GM PG09	83722012	Silver	PG 09	2.8	18	100
GM PG11	83722014	Silver	PG 11	3	21	100
GM PG13.5	83722016	Silver	PG 13,5	3	23	100
GM PG16	83722018	Silver	PG 16	3	26	100



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Article	Order No.	Color	IG	EH mm	SW 1 mm	PU pcs.
GM PG21	83722020	Silver	PG 21	3.5	32	100
GM PG29	83722022	Silver	PG 29	4	41	50
GM PG36	83722024	Silver	PG 36	5	51	50
GM PG42	83722026	Silver	PG 42	5	60	50
GM PG48	83722028	Silver	PG 48	5.5	64	10

### Material properties



Brass nickel-plated

### Chemical resistances



Resistant to:

Alcohol  
Greases  
Fuels  
Mineral oils  
Lyes  
Weak acids

### Technical information



Halogen-free

### Conformity



RoHS (EC Directive 2011/65/EU)

### Classification

ETIM 9: EC000940  
ECLASS 14: 23110702  
UNSPSC 26.0801: 31161716

# 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)

**Murrplastik  
Systemtechnik GmbH**

Dieselstraße 10  
71570 Oppenweiler  
Germany

Phone: +49 7191 4820  
info@murrplastik.de

Managing Directors:  
Jürgen Zeltwanger (CEO)  
Gerd Nothdurft (COO)

HRB 271053 Local court Stuttgart  
VAT ID: DE 144 744 122



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More info at

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