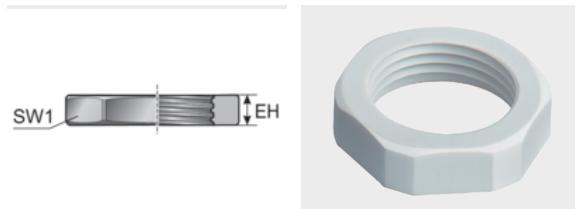




## Type KGM (plastic lock nut)



### Product information

The type KGM plastic lock nut is made of self-extinguishing polyamide and is available with metric or Pg thread. Usable for all corresponding conduit and cable fittings, preferably with plastic threads.

### Information, conformities and approvals



Article	Order No.	Color	IG	EH mm	SW 1 mm	PU pcs.
KGM M12x1,5	83727250	Black	M12x1,5	5	17	100
KGM M16x1,5	83727252	Black	M16x1,5	5	22	100
KGM M20x1,5	83727254	Black	M20x1,5	6	26	100
KGM M25x1,5	83727256	Black	M25x1,5	6	32	100
KGM M32x1,5	83727258	Black	M32x1,5	7	41	100
KGM M40x1,5	83727260	Black	M40x1,5	7	50	50
KGM M50x1,5	83727262	Black	M50x1,5	8	60	50
KGM M63x1,5	83727264	Black	M63x1,5	8	75	50
KGM M12x1,5	83727210	Gray	M12x1,5	5	17	100
KGM M16x1,5	83727212	Gray	M16x1,5	5	22	100
KGM M20x1,5	83727214	Gray	M20x1,5	6	26	100
KGM M25x1,5	83727216	Gray	M25x1,5	6	32	100
KGM M32x1,5	83727218	Gray	M32x1,5	7	41	100



## Type KGM (plastic lock nut)

Article	Order No.	Color	IG	EH mm	SW 1 mm	PU pcs.
KGM M40x1,5	83727220	Gray	M40x1,5	7	50	50
KGM M50x1,5	83727222	Gray	M50x1,5	8	60	50
KGM M63x1,5	83727224	Gray	M63x1,5	8	75	50
KGM PG07	83722250	Black	PG 07	5	19	100
KGM PG09	83722252	Black	PG 09	6	22	100
KGM PG11	83722254	Black	PG 11	6	24	100
KGM PG13,5	83722256	Black	PG 13,5	6	27	100
KGM PG16	83722258	Black	PG 16	6	30	100
KGM PG21	83722260	Black	PG 21	7	36	100
KGM PG29	83722262	Black	PG 29	7	46	50
KGM PG36	83722264	Black	PG 36	8	60	25
KGM PG42	83722266	Black	PG 42	8	65	25
KGM PG48	83722268	Black	PG 48	8	70	25
KGM PG07	83722210	Gray	PG 07	5	19	100
KGM PG09	83722212	Gray	PG 09	6	22	100
KGM PG11	83722214	Gray	PG 11	6	24	100
KGM PG13,5	83722216	Gray	PG 13,5	6	27	100
KGM PG16	83722218	Gray	PG 16	6	30	100
KGM PG21	83722220	Gray	PG 21	7	36	100
KGM PG29	83722222	Gray	PG 29	7	46	50
KGM PG36	83722224	Gray	PG 36	8	60	25
KGM PG42	83722226	Gray	PG 42	8	65	25
KGM PG48	83722228	Gray	PG 48	8	70	25



## Type KGM (plastic lock nut)

### Material properties

mod. polyamide PA 6



### Thermal properties



Temperature / temperature range

-30 °C - 100 °C / short term: 130 °C

### Fire properties



Fire classification

acc. to UL94: HB self-extinguishing

### Chemical resistances



Resistant to:

Alcohol

Greases

Fuels

Mineral oils

### Technical information



Halogen-free

### Conformity



RoHS (EC Directive 2011/65/EU)

### Classification

ETIM 9: EC000940

ECLASS 14: 23110702

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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**

<b>Metric thread EN 60423</b>	<b>Connecting thread and lock nut made of polyamide</b>	<b>Connection thread and lock nut made of metal</b>
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

<b>Pg thread DIN 40430</b>	<b>Connecting thread and lock nut made of polyamide</b>	<b>Connection thread and lock nut made of metal</b>
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**



**Series m-fix**



**UHE Holder**

on to the product

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

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