



## Typ UHG



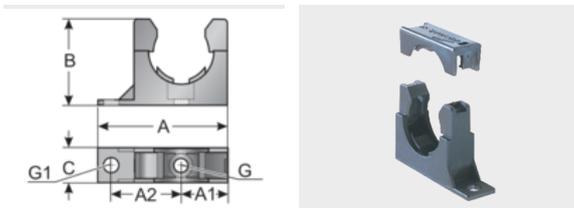
### Product information

The UHG holder is made of specially modified polyamide. The material is halogen, phosphor and cadmium-free. The holder is used to fix cable protection conduits to equipment and machinery.

The UHG holder features the following advantages:

- The additional flap can be used to prevent rotation of the holder
- Protective conduit is simply snapped in
- Optimum connection of conduit to holder thanks to double webs of holder
- Suitable for all Murrflex corrugated conduit profiles.
- Optional BL bracket for applications with high stresses

### Information, conformities and approvals



Article	Order No.	Color	UV	Suitable for Murrflex	G suitable for	A mm	B mm	C mm	A1 mm	A2 mm	G1 mm	PU pcs.
UHG 09	83621250	Black	✓	M12/P09	M4	46	23	12.5	15	24.5	6.2	100
UHG 11	83621252	Black	✓	M16/P11	M4	46	23	12.5	15	24.5	6.2	100
UHG 16	83621254	Black	✓	M20/P16(S)	M5	50	30	15	17.5	27	6.2	100
UHG 21	83621256	Black	✓	M25/P21(S)	M6	57	38	16	21	30.7	6.2	100
UHG 29	83621258	Black	✓	M32/P29(S)	M6	67	43.5	16	25.5	35.3	6.2	50
UHG 36	83621260	Black	✓	M40/P36(S)	M6	77	51	18.5	30.5	40	6.2	50
UHG 48	83621262	Black	✓	M50/P48(S)	M6	89	64	19	37	46.5	6.2	50

### Material properties



UL listed material mod. polyamide PA 6 mod. polyamide PA 6

### Thermal properties



Temperature / temperature range

-40 °C - 110 °C / short term: 140 °C



## Typ UHG

### Fire properties



Fire classification

acc. to UL94: V0 self-extinguishing



Fire properties as per EN 45545-2

C.I.T. R22 / R23 HL3 :0,58 NF X 70-100-1/-2 600°C (1112 °F)

LOI R22 / R23 HL3 :≥ 32 % ISO 4589-2

Ds (max.) R22 / R23 HL3 :57 ISO 5659-2 (25 KW/m<sup>2</sup>)



Fire properties as per NFPA

ASTM E 162

ASTM E 1354

ASTM E 662

Boeing BSS 7239

Boeing BSS 7242

Bombardier SMP 800-C

### Chemical resistances



Resistant to:

Alcohol

Greases

Fuels

Mineral oils

### Technical information



Halogen-free

### Conformity



RoHS (EC Directive 2011/65/EU)



ECE 324 R 118

### Approvals and operating permits



EU railway approval



cURus approval

### Classification

ETIM 9: EC000368

ECLASS 14: 27430315

UNSPSC 26.0801: 31162814



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## Typ UHG

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### General information



Made in Germany

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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

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)