



## Type WKM (metal version)



### Product information

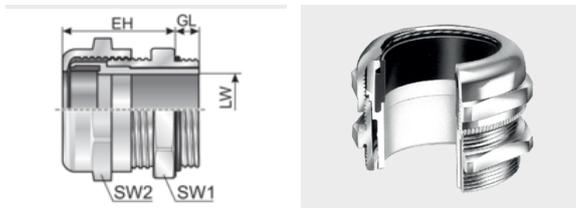
The cable fittings are made of nickel-plated brass and specially modified polyamide, and the seal of NBR. The KV-ME multi-inserts can be used in the fittings.

The WKM cable fittings feature the following advantages:

- Very high protection class
- Easy to assemble
- Large clamping range
- Vibration-resistant cap nut
- Type OR O-ring included in delivery

\*Suitable locknut must be ordered separately.

### Information, conformities and approvals



Article	Order No.	Color	Connecting thread	Clamping range (LW) mm	EH mm	GL mm	SW 1 / 2 mm	PU pcs.
WKM M12x1,5 1)	84125010	Silver	M12x1,5	3 - 6.5	19	5	14	50
WKM M16x1,5 1)	84125014	Silver	M16x1,5	4 - 8	20	6	17	50
WKM M20x1,5 2)	84125018	Silver	M20x1,5	6 - 12	22	6	22	50
WKM M25x1,5 2)	84125022	Silver	M25x1,5	13 - 18	25	7	27	25
WKM M32x1,5 2)	84125026	Silver	M32x1,5	18 - 25	29	8	40	25
WKM M40x1,5 2)	84125030	Silver	M40x1,5	22 - 32	35	8	50	10
WKM M50x1,5 2)	84125034	Silver	M50x1,5	32 - 38	37	9	57	10
WKM M63x1,5 2)	84125038	Silver	M63x1,5	37 - 44	38	10	64 / 68	10
WKM PG07 1)	84121010	Silver	PG 07	3 - 6.5	19	5	14	50
WKM PG09 1)	84121012	Silver	PG 09	4 - 8	20	6	17	50
WKM PG11 1)	84121014	Silver	PG 11	5 - 10	21	6	20	50
WKM PG13.5 2)	84121016	Silver	PG 13,5	6 - 12	22	6.5	22	50
WKM PG16 2)	84121018	Silver	PG 16	10 - 14	23	6.5	24	50



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Article	Order No.	Color	Connecting thread	Clamping range (LW) mm	EH mm	GL mm	SW 1 / 2 mm	PU pcs.
WKM PG21 2)	84121020	Silver	PG 21	13 - 18	25	7	30	25
WKM PG29 2)	84121022	Silver	PG 29	18 - 25	29	8	40	25
WKM PG36 2)	84121024	Silver	PG 36	22 - 32	35	8	40	10
WKM PG42 2) 1**)	84121026	Silver	PG 42	32 - 38	37	9	57	5
WKM PG48 2)	84121028	Silver	PG 48	37 - 44	38	10	64	5
WKM/L PG07 1)	84121210	Silver	PG 07	3 - 6.5	19	10	14	50
WKM/L PG09 1)	84121212	Silver	PG 09	4 - 8	20	10	17	50
WKM/L PG11 1)	84121214	Silver	PG 11	5 - 10	21	10	20	50
WKM/L PG13.5 2)	84121216	Silver	PG 13,5	6 - 12	22	10	22	50
WKM/L PG16 2)	84121218	Silver	PG 16	10 - 14	23	10	24	50
WKM/L PG21 2) 1**)	84121220	Silver	PG 21	13 - 18	25	12	30	25
WKM/L PG29 2) 1**)	84121222	Silver	PG 29	18 - 25	29	12	40	25
WKM/L PG36 2) 1**)	84121224	Silver	PG 36	22 - 32	35	15	40	10
WKM/L PG42 2)	84121226	Silver	PG 42	32 - 38	37	15	57	5
WKM/L PG48 2) 1**)	84121228	Silver	PG 48	37 - 44	38	15	64	5
WKM-NPT 1/2" 2)	84122216	Silver	1/2"	5 - 9	24	13	22 / 24	50

1) With cURus- approval  
2) With cULus- approval

1\*\*) No stock goods, delivery time and minimum order quantities upon request

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### Material properties



Fitting: Brass nickel-plated  
Clamping ring mod. polyamide PA 6  
Moulded seal: NBR Brass nickel-plated  
mod. polyamide PA 6  
NBR



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### Thermal properties



Temperature / temperature range

-40 °C - 100 °C / short term: 120 °C

### Protection class



Protection class

IP68 with additional O-ring type OR to 10 bar

### Fire properties



Fire classification

acc. to UL94: V0 self-extinguishing



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<sup>2</sup>)

### 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



CSA approval



VDE approval



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### Approvals and operating permits



cULus approval



cURus approval

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### Classification

ETIM 9: EC000441  
ECLASS 14: 27140801

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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**

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)