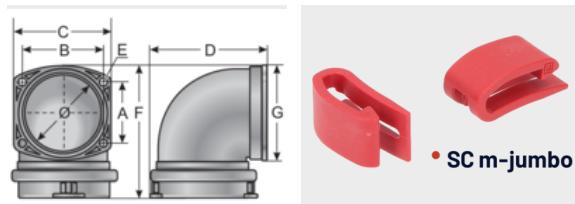




Type KFW-Jumbo (90° flange connection)



Product information

The KFW-Jumbo flange connections are made of specially modified polyamide. The material is halogen, phosphor and cadmium-free.

The KFW-Jumbo flange connections feature the following advantages:

- Split ring makes assembly easy
- Tightness of IP 52 without DS seal
- Tightness of IP 65 with DS seal (DS seal must be ordered separately if required)
- Dimensionally stable connection ring ensures high tear-out strength
- Safety clips ensure protection against connection ring opening by itself
- O-ring for fastening flange included in delivery

Information, conformities and approvals



Article	Order No.	Color	UV	A mm	B mm	C mm	D mm	E mm	F mm	G mm	Ø mm	PU pcs.
KFW 56	83681220	Black	✓	60	66	85	101	6.5	118	85	66	1
KFW 70	83681213	Black	✓	60	80	96	110	7	137	94	77	1
KFW 80	83681215	Black	✓	74	108	127	144	7	167	128	111	1
KFW 95	83681214	Black	✓	74	108	127	144	7	167	128	111	1
KFW 56	83681208	Gray	✗	60	66	85	101	6.5	118	85	66	1
KFW 70	83681210	Gray	✗	60	80	96	110	7	137	94	77	1
KFW 80	83681211	Gray	✗	74	108	127	144	7	167	128	111	1
KFW 95	83681212	Gray	✗	74	108	127	144	7	167	128	111	1

Accessories

SC m-jumbo	83681022	Red	✗	10
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Material properties



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



Type KFW-Jumbo (90° flange connection)

Thermal properties



Temperature / temperature range

-40 °C - 110 °C / short term: 140 °C

Protection class



Protection class

IP52

IP65 with sealing ring DS

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 EN 17084
Ds (max.) R22 / R23 HL3 :57 ISO 5659-2 (25 KW/m²)
LOI R22 / R23 HL3 :≥ 32 % ISO 4589-2



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)

Approvals and operating permits



cURus approval



Type KFW-Jumbo (90° flange connection)

Classification

ETIM 9: EC001176
ECLASS 14: 27430312

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





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



Series m-fix



UHE Holder

on to the product

shop.murrplastik.de

on to the product

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shop.murrplastik.de

More info at

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**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