

- A** Verschraubungsgehäuse  
connector body
- B** Tülle  
ferrule
- C** Dichtring oder  
Messing-Druckring  
sealing or  
brass thrust collar
- D** Druckmutter  
pressure nut

**Metall-Sicherheitsverschraubung  
90° Winkel  
Außengewinde**

inkl. Innentülle, Dichtring oder  
Messing-Druckring [MSD] und O-Ring

**Konstruktion**

Verschraubungsgehäuse mit Sechskant-  
schlüssel­fläche, Anschlussgewinde  
metrisch nach EN 60423, Sechskant-  
Druckmutter, Dichtring aus Kunststoff  
oder Messing-Druckring, zur Aufnahme  
der Innentülle aus Metall / Kunststoff

**Material**

**Gehäuse** Messing vernickelt  
**Druckmutter** Messing vernickelt  
**Dichtring** TPE oder PTFE  
**Druckring** Messing  
**Innentülle** Messing / Kunststoff  
**O-Ring** NBR

**Eigenschaften**

- hoher Staub- / Flüssigkeitsschutz
- kraftschlüssige Verbindung von  
Schlauch und Verschraubung
- einwandfreie Erdung
- Abdeckung der Schlauchenden
- vibrations- und zugfest

**Wichtig**

Die Funktionssicherheit der  
Verschraubung ist nur mit entsprechender  
Innentülle gewährleistet.  
Für EMV-Verwendung Montageanleitung  
beachten.

**Metal connector, safety-type  
90° elbow  
outer thread**

incl. ferrule, sealing or  
brass thrust collar [MSD] and O-ring

**Structure**

Connector body with hexagonal wrench  
surface, connecting thread metric  
acc. to EN 60423 hexagon pressure nut,  
plastic seal or brass thrust collar,  
to receive FLEXA ferrule  
made of metal / plastics

**Material**

**Connector body** nickel-plated brass  
**Pressure nut** nickel-plated brass  
**Sealing ring** TPE or PTFE  
**Thrust collar** brass  
**Ferrule** brass / plastics  
**O-ring** NBR

**Properties**

- highly watertight and dustproof
- friction-type locking of conduit  
and screw connector
- correct grounding
- covered conduit ends
- vibration- and tensionproof

**Important**

Security of the connector is only  
guaranteed with the corresponding  
ferrule.  
For EMC-usage please see assembly  
instructions.



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AD  
OD



**Technische Basisdaten  
Technical basic data**

**USW-M  
USW-M**

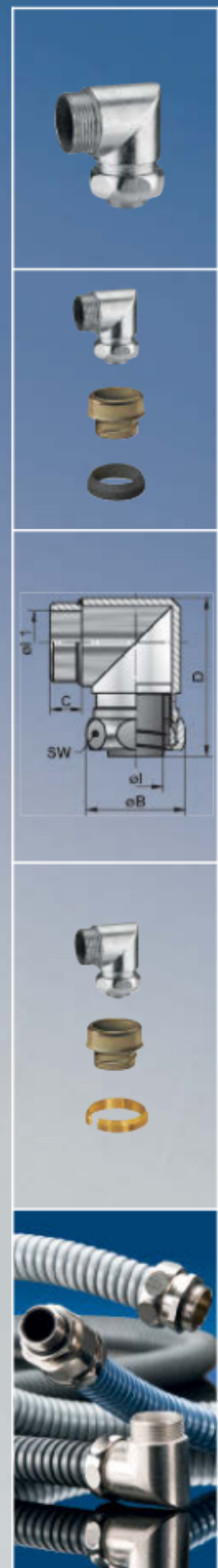
ø	Metr. EN 60423	øB mm	C mm	D mm	SW mm	kg/100
10	M 12 x 1,5	19,0	8,0	32,0	17	2,800
14	M 16 x 1,5	23,0	8,0	36,0	21	3,600
17	M 20 x 1,5	27,0	8,0	38,0	25	5,900
21	M 25 x 1,5	31,0	10,0	45,0	29	10,000
27	M 32 x 1,5	39,0	10,0	57,0	36	13,100
36	M 40 x 1,5	48,0	10,0	67,0	45	23,300
45	M 50 x 1,5	57,0	12,0	77,0	54	26,900
56	M 63 x 1,5	70,0	12,0	84,0	66	32,400

# IP 40 ... IP 66

-40°C ... +125°C / ... +250°C [MSD]

# USW-M

AD OD		FLEXA No.		FLEXA No.				
		SPR-AS SPR-VA		SPR-PA SPR-PU-F SPR-PVC-AS SPR-PU-AS				
ø	Metr. EN 60423	[IP 40]	mm	ø mm	[IP 65]	mm	ø mm	St. Pcs.
10	M 12 x 1,5	5010.527.012	8 x 10	6,5	5010.528.012	7 x 10	6,0	25
14	M 16 x 1,5	5010.527.016	11 x 14	10,0	5010.528.016	10 x 14	8,5	25
17	M 20 x 1,5	5010.527.020	14 x 17	12,5	5010.528.020	13 x 17	11,5	25
21	M 25 x 1,5	5010.527.025	18 x 21	16,5	5010.528.025	17 x 21	15,5	25
27	M 32 x 1,5	5010.527.032	23 x 27	21,5	5010.528.032	22 x 27	20,5	10
36	M 40 x 1,5	5010.527.040	31 x 36	29,5	5010.528.040	29 x 36	27,5	10
45	M 50 x 1,5	5010.527.050	40 x 45	38,0	5010.528.050	38 x 45	36,5	10
56	M 63 x 1,5	5010.527.063	51 x 56	48,0	5010.528.063	49 x 56	47,0	2
		FLEXAgraff®-AS FLEXAgraff®-VA		FLEXAgraff®-PU-AS FLEXAgraff®-PU-F				
ø	Metr. EN 60423	[IP 40]	mm	ø mm	[IP 65]	mm	ø mm	St. Pcs.
10	M 12 x 1,5	5010.527.012	8 x 10	6,5	5010.528.012	7 x 10	6,0	25
14	M 16 x 1,5	5010.539.016	12 x 14	10,5	5010.527.016	10 x 14	10,0	25
17	M 20 x 1,5	5010.527.020	14 x 17	12,5	5010.528.020	13 x 17	11,5	25
21	M 25 x 1,5	5010.527.025	18 x 21	16,5	5010.528.025	17 x 21	15,5	25
27	M 32 x 1,5	5010.539.032	24 x 27	22,5	5010.540.032	23 x 27	21,5	10
36	M 40 x 1,5	5010.527.040	31 x 36	29,5	5010.528.040	29 x 36	27,5	10
45	M 50 x 1,5	5010.527.050	40 x 45	38,0	5010.528.050	38 x 45	36,5	10
56	M 63 x 1,5	5010.527.063	51 x 56	48,0	5010.528.063	49 x 56	47,0	2
		AIRflex®-KUW-PVC-AS AIRflex®-KUW-PU-AS AIRflex®-GRS [IP 65] AIRflex®-K		FLEXAgraff®-SI-AS				
ø	Metr. EN 60423	[IP 54]	mm	ø mm	[IP 66]	mm	ø mm	St. Pcs.
10	M 12 x 1,5	5010.530.012	7 x 10	6,0				
14	M 16 x 1,5	5010.530.016	10 x 14	9,0	5010.537.016	10 x 14	9,0	25
17	M 20 x 1,5	5010.530.020	13 x 17	11,5	5010.537.020	12 x 17	10,5	25
21	M 25 x 1,5	5010.530.025	16 x 21	14,5	5010.535.025	16 x 21	14,5	25
27	M 32 x 1,5	5010.530.032	21 x 27	19,5	5010.501.032	21 x 27	19,5	10
36	M 40 x 1,5	5010.530.040	29 x 36	26,5	5010.537.040	27 x 36	26,5	10
45	M 50 x 1,5	5010.530.050	38 x 45	36,0	5010.537.050	36 x 45	34,5	10
56	M 63 x 1,5	5010.530.063	48 x 56	46,0	5010.537.063	47 x 56	45,5	2
		FLEXAgraff®-CU-AS		SPR-CU-AS SPR-EDU-AS				
ø	Metr. EN 60423	[IP 40]	mm	ø mm	[IP 40]	mm	ø mm	St. Pcs.
10	M 12 x 1,5	5011.528.012	7 x 10	6,0	5011.528.012	7 x 10	6,0	25
14	M 16 x 1,5	5011.527.016	11 x 14	10,0	5011.528.016	10 x 14	8,5	25
17	M 20 x 1,5	5011.528.020	13 x 17	11,5	5011.528.020	13 x 17	11,5	25
21	M 25 x 1,5	5011.528.025	17 x 21	15,5	5011.528.025	17 x 21	15,5	25
27	M 32 x 1,5	5011.540.032	23 x 27	21,5	5011.528.032	22 x 27	20,5	10
36	M 40 x 1,5	5011.528.040	29 x 36	27,5	5011.528.040	29 x 36	27,5	10
45	M 50 x 1,5	5011.528.050	38 x 45	36,5	5011.528.050	38 x 45	36,5	10
56	M 63 x 1,5	5011.528.063	49 x 56	47,0	5011.528.063	51 x 56	49,0	2
		AIRflex®-KUW-EDU		SPR-PVC-EDU-AS SPR-HI-EDU				
ø	Metr. EN 60423	[IP 54]	mm	ø mm	[IP 54] [IP 52]	mm	ø mm	St. Pcs.
14	M 16 x 1,5	5011.528.016	9 x 14	8,5	5011.528.016	10 x 14	8,5	25
17	M 20 x 1,5	5011.535.020	12 x 17	11,0	5011.535.020	12 x 17	11,0	25
21	M 25 x 1,5	5011.535.025	15 x 21	14,5	5011.535.025	16 x 21	14,5	25
27	M 32 x 1,5	5011.535.032	20 x 27	19,5	5011.501.032	21 x 27	19,5	10
36	M 40 x 1,5	5011.528.040	28 x 36	27,5	5011.528.040	28 x 36	27,5	10
45	M 50 x 1,5	5011.535.050	37 x 45	35,5	5011.535.050	37 x 45	35,5	10
56	M 63 x 1,5	5011.535.063	48 x 56	46,0	5011.535.063	48 x 56	46,0	2



- Portrait
- ROHrflex  
Wellenschlauch
- FLEXAquick  
Anschluss-  
technik
- Metall  
Schläuche
- Metall  
Schläuche  
- dicht -
- Kunststoff  
Schläuche
- Spezial  
Schläuche
- Anschluss-  
technik



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