

Protective Metal Conduits and Fittings

flexible. efficient.



Flexible Conduits, metal

GAAR, flexible metal conduit; reinforced clutch profile, hot-dip galvanised steel; highly flexible, good mechanical resistance to traction, torsion and compression, compression-proof; without seal, protection class IP 50; in coils of 25 m resp. 30 m
Compatible with AM MF/AX and AM MG/AX, see column di [mm]

In accordance with: EN 10327, EN 61386-1 (chapter 10, 12 and 13)



Material	Code	Mechan.	Temp.
steel, hot-dip galvanised	EN 44564	> 1250 N	-45 °C / +250 °C

art	dn [mm]	di [mm]	ps [m]	ref
GAAR 210	13	10	30	104 113
GAAR 212	15	12	30	104 114
GAAR 216	18,5	15,5	30	104 115
GAAR 221	23,5	20,5	30	104 116
GAAR 227	29,5	26,5	30	104 117
GAAR 235	38,1	34,5	30	104 118
GAAR 240	43,1	39,5	25	104 119
GAAR 250	54,1	50,5	25	104 120

GARIX, flexible metal conduit; reinforced clutch profile, stainless steel; highly flexible, good mechanical resistance to traction and torsion, compression-proof; without seal, protection class IP 50; in coils of 25 m resp. 30 m
Compatible with AM MF/AX and AM MG/AX, see column di [mm]

In accordance with: EN 61386-1 (chapter 10, 12 and 13)



Material	Code	Mechan.	Temp.
V2A, 1.4301 (AISI 304)	EN 44564	> 1250 N	-45 °C / +250 °C

art	dn [mm]	di [mm]	ps [m]	ref
GARIX 210	13	10	30	104 121
GARIX 212	15	12	30	104 122
GARIX 216	18,5	15,5	30	104 123
GARIX 221	23,5	20,5	30	104 124
GARIX 227	29,5	26,5	30	104 125
GARIX 235	38,1	34,5	30	104 126
GARIX 240	43,1	39,5	25	104 127
GARIX 250	54,1	50,5	25	104 128

DMA, flexible metal conduit; reinforced clutch profile, steel; PVC-P plastic coating, grey (RAL 7012); highly flexible, good resistance to ageing, a wide range of oils and several commonly used acids; protection class IP 67; in coils of 25 m resp. 30 m
Compatible with AM MF/AG and AM MG/AG, see column di [mm]

In accordance with: EN 61386-1 (chapter 10, 12 and 13)



Material	Code	Mechan.	Temp.
steel, hot-dip galvanised, PVC-P	EN 44312	> 1250 N	-15 °C / +70 °C

art	dn [mm]	di [mm]	ps [m]	ref
DMA 210	13,5	10	30	104 129
DMA 212	15,7	12	30	104 130
DMA 216	19,5	15,5	30	104 131
DMA 221	24,7	20,5	30	104 132
DMA 227	31,7	26,5	30	104 133
DMA 235	40	34,5	30	104 134
DMA 240	45	39,5	25	104 135
DMA 250	56	50,5	25	104 136



AM MF, conduit fitting; brass, nickel-plated; with metric connection thread according to EN 60423 (EN 61386), in accordance with EN ISO 9227

Material	IP	Temp.
brass, nickel-plated	67	-40 °C/+105 °C



AM MF/AX, with AX ring, compatible with conduits GAAR and GARIX



art	dn [mm]	di [mm]	ps [m]	ref
50041/AX	M16x1,5	10	50	104 137
50042/AX	M16x1,5	12	50	104 138
50044/AX	M20x1,5	15,5	50	104 139
50045/AX	M25x1,5	20,5	25	104 140
50046/AX	M32x1,5	26,5	10	104 141
50047/AX	M40x1,5	34,5	5	104 142
50048/AX	M50x1,5	39,5	5	104 143
50049/AX	M63x1,5	50,5	4	104 144

AM MF/AG, with AG ring, compatible with conduit DMA



art	dn [mm]	di [mm]	ps [m]	ref
50041/AG	M16x1,5	10	50	104 153
50042/AG	M16x1,5	12	50	104 154
50044/AG	M20x1,5	15,5	50	104 155
50045/AG	M25x1,5	20,5	25	104 156
50046/AG	M32x1,5	26,5	10	104 157
50047/AG	M40x1,5	34,5	5	104 158
50048/AG	M50x1,5	39,5	5	104 159
50049/AG	M63x1,5	50,5	4	104 160

Counter nut, brass, nickel-plated; with metric connection thread according to EN 60423 (EN 61386), in accordance with EN ISO 9227



Material	IP	Temp.
brass, nickel-plated	50	-40 °C/+105 °C



art	thread	ps	ref
60321	M16x1,5	100	104 514
60322	M20x1,5	100	104 515
60323	M25x1,5	50	104 516
60324	M32x1,5	50	104 517
60325	M40x1,5	25	104 518
60326	M50x1,5	25	104 519
60327	M63x1,5	5	104 520



AM MG, conduit fitting with swivel thread; brass, nickel-plated; with metric connection thread according to EN 60423 (EN 61386), in accordance with EN ISO 9227

Material	IP	Temp.
brass, nickel-plated	67	-40 °C/+105 °C

AM MG/AX, with AX ring, compatible with conduits GAAR and GARIX



CE RoHS

art	dn [mm]	di [mm]	ps [m]	KoGr	ref
50090/AX	M16x1,5	10	50	53	104 145
50091/AX	M16x1,5	12	50	53	104 146
50093/AX	M20x1,5	15,5	25	53	104 147
50094/AX	M25x1,5	20,5	25	53	104 148
50095/AX	M32x1,5	26,5	10	53	104 149
50096/AX	M40x1,5	34,5	5	53	104 150
50097/AX	M50x1,5	39,5	5	53	104 151
50098/AX	M63x1,5	50,5	4	53	104 152

AM MG/AG, with AG ring, compatible with conduit DMA



art	dn [mm]	di [mm]	ps [m]	KoGr	ref
50090/AG	M16x1,5	10	50	53	104 161
50091/AG	M16x1,5	12	50	53	104 162
50093/AG	M20x1,5	15,5	25	53	104 163
50094/AG	M25x1,5	20,5	25	53	104 164
50095/AG	M32x1,5	26,5	10	53	104 165
50096/AG	M40x1,5	34,5	5	53	104 166
50097/AG	M50x1,5	39,5	5	53	104 167
50098/AG	M63x1,5	50,5	4	53	104 168



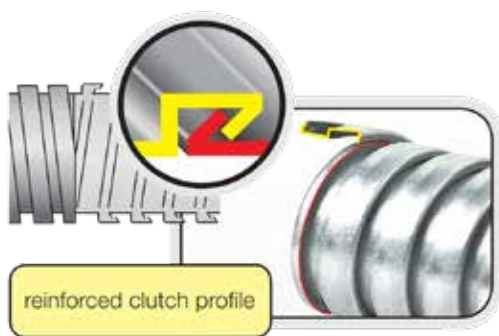
Counter nut, brass, nickel-plated; with metric connection thread according to EN 60423 (EN 61386), in accordance with EN ISO 9227

Material	IP	Temp.
brass, nickel-plated	50	-40 °C/+105 °C

CE RoHS

art	thread	ps	KoGr	ref
60321	M16x1,5	100	53	104 514
60322	M20x1,5	100	53	104 515
60323	M25x1,5	50	53	104 516
60324	M32x1,5	50	53	104 517
60325	M40x1,5	25	53	104 518
60326	M50x1,5	25	53	104 519
60327	M63x1,5	5	53	104 520

Protective Metal Conduits and Fittings



Dietzel Univolt's flexible protective metal conduits meet all requirements for secure, long-life industry installations:

- highly flexible
- resistant to compression, traction and torsion
- resistant to corrosion
- resistant to several chemicals
- reinforced clutch profile guarantees utmost durability and robustness

Dietzel GmbH

1110 Wien, 1. Haidequerstraße 3-5
Tel.: 01/ 760 76-0
Fax: 01/ 760 76-200

export@dietzel-univolt.com

www.dietzel.at