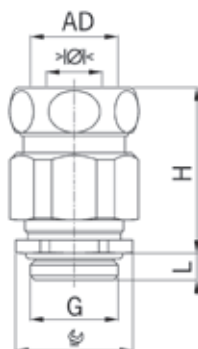


公制短螺纹 | Short entry thread metric



材质: 黄铜镀镍
 密封件: TPE
 O型圈: NBR
 应力消除: 根据EN62444版本A
 防护等级: 电缆接头IP68
 温度范围: -40°C / +100°C
 注意: 夹紧范围最大值取决于软管内径

Material: Nickel-plated brass
 Seal: TPE
 O-ring: NBR
 Strain relief: Version A acc. to EN 62444
 Protection class: Cable gland IP 68
 Temperature range: -40°C / +100°C
 Note: The max. clamping range depends on the conduit inner diameter



Progress MS Kombi



管接头，软管外径AD以mm计
 两件套密封件
 非整体长度绝缘

Connector for tubing with AD mm
 Two-piece sealing insert
 not overall length insulated

G	AD mm	> Ø < min mm	> Ø < max mm	> Ø < min mm	> Ø < max mm	mm	H mm	L mm	Art.-Nr. Art. No.	
M12x1.5	10	-	-	5.0	6.5	15/17	33	5	1700.12.10	50
M16x1.5	14	6.0	8.0	8.0	10.5	18/21	38	5	1700.17.14	50
M20x1.5	17	8.0	11.0	11.0	15.0	24/25	38	6	1700.20.17	25
M20x1.5	19	8.0	11.0	11.0	15.0	24/27	39	6	1700.20.19	25
M20x1.5	21	8.0	11.0	11.0	15.0	24/29	39	6	1700.20.21	25
M25x1.5	21	12.5	16.0	16.0	20.5	30/29	43	7	1700.25.21	25
M25x1.5	27	12.5	16.0	16.0	20.5	30/36	50	7	1700.25.27	25
M32x1.5	27	17.0	21.0	21.0	25.5	36/36	52	8	1700.32.27	25
M40x1.5	36	24.0	28.5	28.5	33.0	46/45	56	8	1700.40.36	10
M50x1.5	45	33.0	37.0	37.0	42.0	55/54	60	9	1700.50.45	10
M63x1.5	56	40.0	46.0	46.0	52.0	70/66	67	10	1700.63.56	5

根据软管类型，固定套须单独订购

Depending on the type of conduit, the stabilising bush must be ordered separately.

可以选配通过EN45545认证的密封件。
 采购时需要在型号前加“F”。

Available with sealing inserts conformity with EN 45545.
 When placing an inquiry, prefix the article number by the capital F.

Progress MS Kombi



管接头，软管外径AD以mm计
 两件套密封件
 非整体长度绝缘

Connector for tubing with AD mm
 Two-piece sealing insert
 not overall length insulated

G	AD mm	> Ø < min mm	> Ø < max mm	> Ø < min mm	> Ø < max mm	mm	H mm	L mm	Art.-Nr. Art. No.	
M12x1.5	1/4"	-	-	5.0	6.5	15/19	35	5	1700.12.1/4	50
M20x1.5	3/8"	8.0	11.0	11.0	15.0	24/27	42	6	1700.20.3/8	25
M20x1.5	1/2"	8.0	11.0	11.0	15.0	24/29	38	6	1700.20.1/2	25
M25x1.5	3/4"	12.5	16.0	16.0	20.5	30/36	52	7	1700.25.3/4	25
M32x1.5	1"	17.0	21.0	21.0	25.5	36/45	55	8	1700.32.1	25
M40x1.5	1 1/4"	24.0	28.5	28.5	33.0	46/54	62	8	1700.40.11/4	10
M63x1.5	2"	40.0	46.0	46.0	52.0	70/70	74	10	1700.63.2	5

根据软管类型，固定套须单独订购

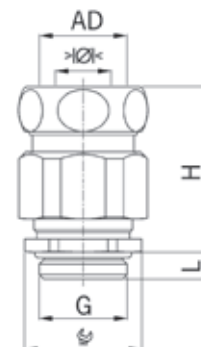
Depending on the type of conduit, the stabilising bush must be ordered separately.

可以选配通过EN45545认证的密封件。
 采购时需要在型号前加“F”。

Available with sealing inserts conformity with EN 45545.
 When placing an inquiry, prefix the article number by the capital F.

材质: 黄铜镀镍
密封件: TPE
O型圈: NBR
应力消除: 根据EN62444版本A

Material: Nickel-plated brass
Seal: TPE
O-ring: NBR
Strain relief: Version A acc. to EN 62444
Protection class: Cable gland IP 68
Temperature range: -40°C / +100°C
Note: The max. clamping range depends on the conduit inner diameter



防护等级: 电缆接头IP68
温度范围: -40°C / +100°C
注意: 夹紧范围最大值取决于软管内径



Progress MS Kombi

管接头, 软管外径AD以mm计
两件套密封件
整体长度绝缘

Connector for tubing with AD mm
Two-piece sealing insert
overall length insulated

G	AD mm	> Ø < min mm	> Ø < max mm	> Ø < min mm	> Ø < max mm	mm	H mm	L mm	Art.-Nr. Art. No.	
M12x1.5	10	-	-	5.0	6.5	15/17	33	10	1710.60.12.10	50
M16x1.5	14	6.0	8.0	8.0	10.5	18/21	38	10	1710.60.17.14	50
M20x1.5	17	8.0	11.0	11.0	14.5	24/25	38	10	1710.60.20.17	25
M20x1.5	19	8.0	11.0	11.0	14.5	24/27	39	10	1710.60.20.19	25
M20x1.5	21	8.0	11.0	11.0	14.5	24/29	39	10	1710.60.20.21	25
M25x1.5	21	12.5	16.0	16.0	19.0	30/29	43	11	1710.60.25.21	25
M25x1.5	27	12.5	16.0	16.0	19.0	30/36	50	11	1710.60.25.27	25
M32x1.5	27	17.0	21.0	21.0	25.5	36/36	52	13	1710.60.32.27	25
M40x1.5	36	24.0	28.5	28.5	33.0	46/45	56	13	1710.60.40.36	10
M50x1.5	45	33.0	37.0	37.0	42.0	55/54	60	14	1710.60.50.45	10
M63x1.5	56	40.0	46.0	46.0	52.0	70/66	67	14	1710.60.63.56	5

根据软管类型, 固定套须单独订购

Depending on the type of conduit, the stabilising bush must be ordered separately.

可以选配通过EN45545认证的密封件。
采购时需要在型号前加“F”。

Available with sealing inserts conformity with EN 45545.
When placing an inquiry, prefix the article number by the capital F.



Progress MS Kombi

管接头, 软管外径AD以mm计
两件套密封件
整体长度绝缘

Connector for tubing with AD mm
Two-piece sealing insert
overall length insulated

G	AD mm	> Ø < min mm	> Ø < max mm	> Ø < min mm	> Ø < max mm	mm	H mm	L mm	Art.-Nr. Art. No.	
M12x1.5	1/4"	-	-	5.0	6.5	15/19	35	10	1710.60.12.1/4	50
M20x1.5	3/8"	8.0	11.0	11.0	14.5	24/27	42	10	1710.60.20.3/8	25
M20x1.5	1/2"	8.0	11.0	11.0	14.5	24/29	38	10	1710.60.20.1/2	25
M25x1.5	3/4"	12.5	16.0	16.0	19.0	30/36	52	11	1710.60.25.3/4	25
M32x1.5	1"	12.5	16.0	16.0	19.0	36/45	55	13	1710.60.32.1	25
M40x1.5	1 1/4"	24.0	28.5	28.5	33.0	46/54	62	13	1710.60.40.11/4	10
M63x1.5	2"	40.0	46.0	46.0	52.0	70/70	74	14	1710.60.63.2	5

根据软管类型, 固定套须单独订购

Depending on the type of conduit, the stabilising bush must be ordered separately.

可以选配通过EN45545认证的密封件。
采购时需要在型号前加“F”。

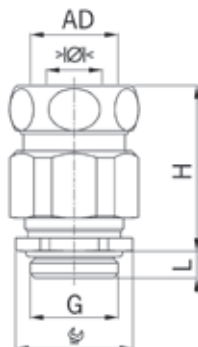
Available with sealing inserts conformity with EN 45545.
When placing an inquiry, prefix the article number by the capital F.



AGRO Progress® 黄铜镀镍带集成电缆接头的组合软管接头

AGRO combination conduit glands Progress® nickel-plated brass with integrated cable gland

Pg短螺纹 | Short entry thread Pg



材质: 黄铜镀镍
密封件: TPE
O型圈: NBR
防护等级: 电缆接头IP68
温度范围: -40°C / +100°C
注意: 夹紧范围最大值取决于软管内径

Material: Nickel-plated brass
Seal: TPE
O-ring: NBR
Protection class: Cable gland IP 68
Temperature range: -40°C / +100°C
Note: The max. clamping range depends on the conduit inner diameter



Progress MS Kombi

管接头，软管外径AD以mm计
两件套密封件
非整体长度绝缘

Connector for tubing with AD mm
Two-piece sealing insert
not overall length insulated

G	AD mm	>Ø< min mm	>Ø< max mm	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	Art.-Nr. Art. No.	
Pg 7	10	-	-	5.0	6.5	15/17	33	6	1700.07.10	50
Pg 9	14	6.0	8.0	8.0	10.5	18/21	38	6	1700.09.14	50
Pg 11	14	5.5	8.5	8.5	12.0	21/21	39	6	1700.11.14	50
Pg 11	17	5.5	8.5	8.5	12.0	21/25	39	6	1700.11.17	50
Pg 13	19	8.0	11.0	11.0	15.0	24/27	39	6	1700.13.19	25
Pg 16	17	8.0	11.0	11.0	15.0	24/25	38	6	1700.16.17	25
Pg 16	21	8.0	11.0	11.0	15.0	24/29	39	6	1700.16.21	25
Pg 21	27	12.5	16.0	16.0	20.5	30/36	50	7.5	1700.21.27	25
Pg 29	36	19.0	23.0	23.0	27.5	38/45	55	8	1700.29.36	25
Pg 36	45	26.0	30.5	30.5	35.0	50/54	60	8	1700.36.45	10
Pg 42	45	33.0	37.0	37.0	42.0	55/54	60	10	1700.42.45	10
Pg 48	56	37.0	43.0	43.0	49.0	65/66	67	11	1700.48.56	10

根据软管类型，固定套须单独订购

Depending on the type of conduit, the stabilising bush must be ordered separately.

可以选配通过EN45545认证的密封件。
采购时需要在型号前加“F”。

Available with sealing inserts conformity with EN 45545.
When placing an inquiry, prefix the article number by the capital F.

Pg长螺纹 | Long entry thread Pg



Progress MS Kombi

管接头，软管外径AD以mm计
两件套密封件
整体长度绝缘

Connector for tubing with AD mm
Two-piece sealing insert
overall length insulated

G	AD mm	>Ø< min mm	>Ø< max mm	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	Art.-Nr. Art. No.	
Pg 7	10	-	-	5.0	6.5	15/17	33	10	1710.60.07.10	50
Pg 9	14	6.0	8.0	8.0	10.5	18/21	38	10	1710.60.09.14	50
Pg 11	14	5.5	8.5	8.5	12.0	21/21	39	10	1710.60.11.14	50
Pg 11	17	5.5	8.5	8.5	12.0	21/25	39	10	1710.60.11.17	50
Pg 13	19	8.0	11.0	11.0	14.5	24/27	39	10	1710.60.13.19	25
Pg 16	17	8.0	11.0	11.0	14.5	24/25	38	10	1710.60.16.17	25
Pg 16	21	8.0	11.0	11.0	14.5	24/29	39	10	1710.60.16.21	25
Pg 21	27	12.5	16.0	16.0	19.0	30/36	50	12	1710.60.21.27	25
Pg 29	36	19.0	23.0	23.0	27.5	38/45	55	12	1710.60.29.36	25
Pg 36	45	26.0	30.5	30.5	35.0	50/54	60	15	1710.60.36.45	10
Pg 42	45	33.0	37.0	37.0	42.0	55/54	60	15	1710.60.42.45	10
Pg 48	56	37.0	43.0	43.0	49.0	65/66	67	15	1710.60.48.56	10

根据软管类型，固定套须单独订购

Depending on the type of conduit, the stabilising bush must be ordered separately.

可以选配通过EN45545认证的密封件。
采购时需要在型号前加“F”。

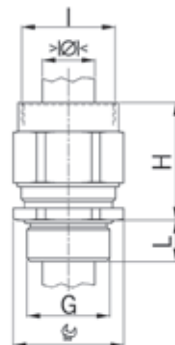
Available with sealing inserts conformity with EN 45545.
When placing an inquiry, prefix the article number by the capital F.

AGRO Progress® 黄铜镀镍带集成电缆接头的适配器

AGRO Adapter Progress® nickel-plated brass with integrated cable gland

公制长螺纹 | Long entry thread metric

材质:	黄铜镀镍	Material:	Nickel-plated brass
密封件:	TPE	Seal:	TPE
O型圈:	NBR	O-ring:	NBR
应力消除:	根据EN62444版本A	Strain relief:	Version A acc. to EN 62444
防护等级:	电缆接头IP68	Protection class:	Cable gland IP 68
温度范围:	-40°C / +100°C	Temperature range:	-40°C / +100°C
注意:	夹紧范围最大值取决于软管内径	Note:	The max. clamping range depends on the conduit inner diameter



Progress MS Adapter

单体密封件 整体长度绝缘								One-piece sealing insert overall length insulated	
G	I	>Ø< min mm	>Ø< max mm	Ø mm	H mm	L mm	i info	Art.-Nr. Art. No.	
M10x1.5	M10x1.5	4.0	6.0	13	30	10	1	1165.10	50
M12x1.5	M12x1.5	5.0	6.5	15	32	10	-	1165.12	50

1=公制粗螺距螺纹
1 = Metric coarse-pitch thread (with VDE test report)

可以选配通过EN45545认证的密封件。
采购时需要在型号前加“F”。

Available with sealing inserts conformity with EN 45545.
When placing an inquiry, prefix the article number by the capital F.



Progress MS Adapter

两件套密封件 整体长度绝缘									Two-piece sealing insert overall length insulated	
G	I	>Ø< min mm	>Ø< max mm	>Ø< min mm	>Ø< max mm	Ø mm	H mm	L mm	Art.-Nr. Art. No.	
M16x1.5	M16x1.5	6.0	8.0	8.0	10.5	18	35	10	1165.17	50
M20x1.5	M20x1.5	8.0	11.0	11.0	14.5	24	36	10	1165.20	25
M25x1.5	M25x1.5	12.5	16.0	16.0	19.0	30	41	11	1165.25	25
M32x1.5	M32x1.5	17.0	21.0	21.0	25.5	36	46	13	1165.32	25
M40x1.5	M40x1.5	24.0	28.5	28.5	33.0	46	48	13	1165.40	10
M50x1.5	M50x1.5	33.0	37.0	37.0	42.0	55	53	14	1165.50	5
M63x1.5	M63x1.5	40.0	46.0	46.0	52.0	70	56	14	1165.63	5

可以选配通过EN45545认证的密封件。
采购时需要在型号前加“F”。

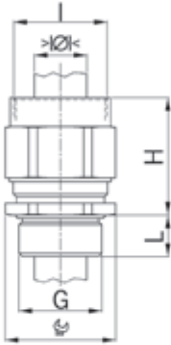
Available with sealing inserts conformity with EN 45545.
When placing an inquiry, prefix the article number by the capital F.



AGRO Progress® 黄铜镀镍带集成电缆接头的适配器

AGRO Adapter Progress® nickel-plated brass with integrated cable gland

Pg长螺纹 | Long entry thread Pg



材质:	黄铜镀镍	Material:	Nickel-plated brass
密封件:	TPE	Seal:	TPE
O型圈:	NBR	O-ring:	NBR
防护等级:	电缆接头IP68	Protection class:	Cable gland IP 68
温度范围:	-40°C / +100°C	Temperature range:	-40°C / +100°C
注意:	夹紧范围最大值取决于软管内径	Note:	The max. clamping range depends on the conduit inner diameter



Progress MS Adapter										
单体密封件							One-piece sealing insert			
整体长度绝缘							overall length insulated			
G	I	 min mm	 max mm	 mm	H mm	L mm	Art.-Nr. Art. No.			
Pg 7	Pg 7	5.0	6.5	15	30	10	1165.07		50	
可以选配通过EN45545认证的密封件。 采购时需要在型号前加“F”。							Available with sealing inserts conformity with EN 45545. When placing an inquiry, prefix the article number by the capital F.			



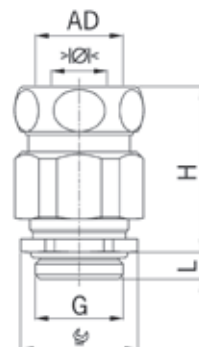
Progress MS Adapter											
两件套密封件 整体长度绝缘							Two-piece sealing insert overall length insulated				
G	I	 min mm	 max mm	 min mm	 max mm	 mm	H mm	L mm	Art.-Nr. Art. No.		
Pg 9	Pg 9	6.0	8.0	8.0	10.5	18	35	10	1165.09	50	
Pg 11	Pg 11	5.5	8.5	8.5	12.0	21	36	10	1165.11	50	
Pg 13	Pg 13	8.0	11.0	11.0	14.5	24	36	10	1165.13	25	
Pg 16	Pg 16	8.0	11.0	11.0	14.5	24	37	10	1165.16	25	
Pg 21	Pg 21	12.5	16.0	16.0	19.0	30	42	12	1165.21	25	
Pg 29	Pg 29	19.0	23.0	23.0	27.5	38/40	45	12	1165.29	25	
Pg 36	Pg 36	26.0	30.5	30.5	35.0	50	52	15	1165.36	10	
Pg 48	Pg 48	37.0	43.0	43.0	49.0	65	56	15	1165.48	5	
可以选配通过EN45545认证的密封件。 采购时需要在型号前加“F”。							Available with sealing inserts conformity with EN 45545. When placing an inquiry, prefix the article number by the capital F.				

AGRO Progress® EMC 黄铜镀镍带集成电缆接头的组合软管接头

AGRO combination conduit glands Progress® EMC nickel-plated brass with integrated cable gland

公制长螺纹 | Long entry thread metric

材质:	黄铜镀镍	Material:	Nickel-plated brass
密封件:	TPE	Seal:	TPE
O型圈:	NBR	O-ring:	NBR
应力消除:	根据EN62444版本A	Strain relief:	Version A acc. to EN 62444
防护等级:	电缆接头IP68	Protection class:	Cable gland IP 68
温度范围:	-40°C / +100°C	Temperature range:	-40°C / +100°C
注意:	夹紧范围最大值取决于软管内径	Note:	The max. clamping range depends on the conduit inner diameter
性能:	运用接触套使屏蔽编织层与之连接在拧紧的电缆接头内，达到最佳的屏蔽接触效果	Properties:	Excellent shield contact through the contact sleeve with the braided shield terminating in the screwed cable gland



Progress MS Kombi EMC



单体密封件
非整体长度绝缘

One-piece sealing insert
not overall length insulated

G	AD mm	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	Art.-Nr. Art. No.	
M12x1.5	10	4.5	6.0	15/17	35	10	1710.80.12.060.1	25
M16x1.5	14	6.0	8.0	18/21	40	10	1710.80.17.080.1	25
M16x1.5	14	8.0	10.0	18/21	40	10	1710.80.17.100.1	25
M20x1.5	17	8.0	11.0	24/25	42	10	1710.80.20.110.1	25
M20x1.5	17	11.0	14.0	24/25	42	10	1710.80.20.140.1	25
M20x1.5	19	8.0	11.0	24/27	43	10	1710.80.20.110.2	25
M20x1.5	19	11.0	14.0	24/27	43	10	1710.80.20.140.2	25
M25x1.5	21	13.0	16.0	30/29	48	11	1710.80.25.160.1	25
M25x1.5	27	16.0	19.0	30/36	52	11	1710.80.25.190.1	25
M32x1.5	27	18.0	21.0	36/36	55	13	1710.80.32.210.1	10
M32x1.5	27	21.0	25.0	36/36	55	13	1710.80.32.250.1	10
M40x1.5	36	24.0	28.5	46/45	60	13	1710.80.40.285.1	10
M40x1.5	36	28.5	32.0	46/45	60	13	1710.80.40.320.1	10
M50x1.5	45	33.0	37.0	55/54	62	14	1710.80.50.370.1	5
M50x1.5	45	37.0	41.0	55/54	62	14	1710.80.50.410.1	5
M63x1.5	56	40.0	46.0	70/66	69	14	1710.80.63.460.1	5
M63x1.5	56	46.0	50.0	70/66	69	14	1710.80.63.500.1	5



根据软管类型，固定套须单独订购

Depending on the type of conduit, the stabilising bush must be ordered separately.

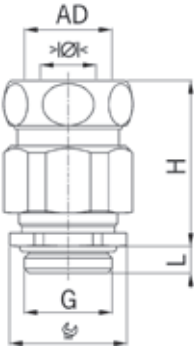
可以选配通过EN45545认证的密封件。
采购时需要在型号前加“F”。

Available with sealing inserts conformity with EN 45545.
When placing an inquiry, prefix the article number by the capital F.

AGRO Progress® EMC 黄铜镀镍带集成电缆接头的组合软管接头

AGRO combination conduit glands Progress® EMC nickel-plated brass with integrated cable gland

公制长螺纹 | Long entry thread metric



材质:	黄铜镀镍	Material:	Nickel-plated brass
密封件:	TPE	Seal:	TPE
O型圈:	NBR	O-ring:	NBR
应力消除:	根据EN62444版本A	Strain relief:	Version A acc. to EN 62444
防护等级:	电缆接头IP68	Protection class:	Cable gland IP 68
温度范围:	-40°C / +100°C	Temperature range:	-40°C / +100°C
注意:	夹紧范围最大值取决于软管内径	Note:	The max. clamping range depends on the conduit inner diameter
性能:	运用接触套使屏蔽编织层与之连接在拧紧的电缆接头内，达到最佳的屏蔽接触效果	Properties:	Excellent shield contact through the contact sleeve with the braided shield terminating in the screwed cable gland



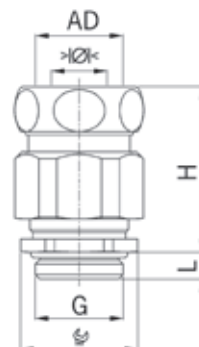
Progress MS Kombi EMC							One-piece sealing insert not overall length insulated	
G	AD mm	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	Art.-Nr. Art. No.	
M12x1.5	1/4"	4.5	6.0	15/19	35	10	1710.80.12.060.2	25
M16x1.5	5/16"	6.0	8.0	18/21	38	10	1710.80.17.080.2	25
M16x1.5	5/16"	8.0	10.0	18/21	38	10	1710.80.17.100.2	25
M20x1.5	3/8"	8.0	11.0	24/27	42	10	1710.80.20.110.3	25
M20x1.5	1/2"	8.0	11.0	24/29	38	10	1710.80.20.110.4	25
M20x1.5	1/2"	11.0	14.0	24/29	38	10	1710.80.20.140.4	25
M25x1.5	3/4"	13.0	16.0	30/36	52	11	1710.80.25.160.2	25
M25x1.5	3/4"	16.0	19.0	30/36	52	11	1710.80.25.190.2	25
M32x1.5	1"	18.0	21.0	36/45	55	13	1710.80.32.210.2	10
M32x1.5	1"	21.0	25.0	36/45	55	13	1710.80.32.250.2	10
M40x1.5	1 1/4"	24.0	28.5	46/54	62	13	1710.80.40.285.2	10
M40x1.5	1 1/4"	28.5	32.0	46/54	62	13	1710.80.40.320.2	10
M63x1.5	2"	40.0	46.0	70/70	74	14	1710.80.63.460.2	5
M63x1.5	2"	46.0	50.0	70/70	74	14	1710.80.63.500.2	5
根据软管类型，固定套须单独订购							Depending on the type of conduit, the stabilising bush must be ordered separately.	
可以选配通过EN45545认证的密封件。采购时需要在型号前加“F”。							Available with sealing inserts conformity with EN 45545. When placing an inquiry, prefix the article number by the capital F.	

AGRO Progress® EMC 黄铜镀镍带集成电缆接头的组合软管接头

AGRO combination conduit glands Progress® EMC nickel-plated brass with integrated cable gland

Pg长螺纹 | Long entry thread Pg

材质:	黄铜镀镍	Material:	Nickel-plated brass
密封件:	TPE	Seal:	TPE
O型圈:	NBR	O-ring:	NBR
防护等级:	电缆接头IP68	Protection class:	Cable gland IP 68
温度范围:	-40°C / +100°C	Temperature range:	-40°C / +100°C
注意:	夹紧范围最大值取决于软管内径	Note:	The max. clamping range depends on the conduit inner diameter
性能:	运用接触套使屏蔽编织层与之连接在拧紧的电缆接头内，达到最佳的屏蔽接触效果	Properties:	Excellent shield contact through the contact sleeve with the braided shield terminating in the screwed cable gland



Progress MS Kombi EMC

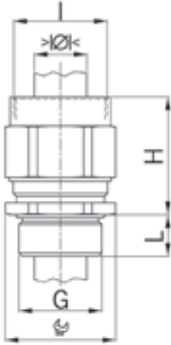
单体密封件 非整体长度绝缘							One-piece sealing insert not overall length insulated	
G	AD mm	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	Art.-Nr. Art. No.	
Pg 7	10	4.5	6.0	15/17	35	10	1710.80.07.060.1	25
Pg 9	14	6.0	8.0	18/21	40	10	1710.80.09.080.1	25
Pg 9	14	8.0	10.0	18/21	40	10	1710.80.09.100.1	25
Pg 11	17	8.5	12.0	21/25	41	10	1710.80.11.120.1	25
Pg 11	17	5.5	8.5	21/25	41	10	1710.80.11.085.1	25
Pg 13	19	8.0	11.0	24/27	42	10	1710.80.13.110.1	25
Pg 13	19	11.0	14.0	24/27	42	10	1710.80.13.140.1	25
Pg 16	21	8.0	11.0	24/29	43	10	1710.80.16.110.1	25
Pg 16	21	11.0	14.0	24/29	43	10	1710.80.16.140.1	25
Pg 21	27	13.0	16.0	30/36	55	12	1710.80.21.160.1	10
Pg 21	27	16.0	19.0	30/36	55	12	1710.80.21.190.1	10
Pg 29	36	19.0	23.0	38/45	57	12	1710.80.29.230.1	10
Pg 29	36	23.0	25.5	38/45	57	12	1710.80.29.255.1	10
Pg 36	45	25.0	30.5	50/54	62	15	1710.80.36.305.1	5
Pg 36	45	30.5	35.0	50/54	62	15	1710.80.36.350.1	5
Pg 42	45	33.0	37.0	55/54	62	15	1710.80.42.370.1	5
Pg 42	45	37.0	41.0	55/54	62	15	1710.80.42.410.1	5
Pg 48	56	39.0	43.0	65/66	69	15	1710.80.48.430.1	5
Pg 48	56	43.0	46.5	65/66	69	15	1710.80.48.465.1	5
根据软管类型，固定套须单独订购							Depending on the type of conduit, the stabilising bush must be ordered separately.	
可以选配通过EN45545认证的密封件。采购时需要在型号前加“F”。							Available with sealing inserts conformity with EN 45545. When placing an inquiry, prefix the article number by the capital F.	



AGRO Progress® EMC 黄铜镀镍带集成电缆接头的适配器

AGRO Adapters Progress® nickel-plated brass with integrated EMC cable gland

公制长螺纹 | Long entry thread metric



材质:	黄铜镀镍	Material:	Nickel-plated brass
接触套:	黄铜镀镍	Contact sleeve:	Nickel-plated brass
密封件:	TPE	Seal:	TPE
O型圈:	NBR	O-ring:	NBR
应力消除:	根据EN62444版本A	Strain relief:	Version A acc. to EN 62444
防护等级:	电缆接头IP68	Protection class:	Cable gland IP 68
温度范围:	-40°C / +100°C	Temperature range:	-40°C / +100°C
注意:	夹紧范围最大值取决于软管内径	Note:	The max. clamping range depends on the conduit inner diameter
性能:	运用接触套使屏蔽编织层与之连接在拧紧的电缆接头内，达到最佳的屏蔽接触效果	Properties:	Excellent shield contact through the contact sleeve with the braided shield terminating in the screwed cable gland



Progress MS Kombi EMC



单体密封件 非整体长度绝缘		One-piece sealing insert not overall length insulated							Art.-Nr. Art. No.	
G	I	 min mm	 max mm	 mm	H mm	L mm	i info			
M10x1.5	M10x1.5	3.0	4.0	13	32	10	1	1165.80.10.040	50	
M10x1.5	M10x1.5	4.0	6.0	13	32	10	1	1165.80.10.060	50	
M12x1.5	M12x1.5	4.5	6.0	15	34	10	-	1165.80.12.060	50	
M12x1.5	M12x1.5	6.0	7.5	15	34	10	-	1165.80.12.075	50	
M16x1.5	M16x1.5	6.0	8.0	18	38	10	-	1165.80.17.080	50	
M16x1.5	M16x1.5	8.0	10.0	18	38	10	-	1165.80.17.100	50	
M20x1.5	M20x1.5	8.0	11.0	24	40	10	-	1165.80.20.110	25	
M20x1.5	M20x1.5	11.0	14.0	24	40	10	-	1165.80.20.140	25	
M25x1.5	M25x1.5	13.0	16.0	30	46	11	-	1165.80.25.160	25	
M25x1.5	M25x1.5	16.0	19.0	30	46	11	-	1165.80.25.190	25	
M32x1.5	M32x1.5	18.0	21.0	36	49	13	-	1165.80.32.210	10	
M32x1.5	M32x1.5	21.0	25.0	36	49	13	-	1165.80.32.250	10	
M40x1.5	M40x1.5	24.0	28.5	46	51	13	-	1165.80.40.285	10	
M40x1.5	M40x1.5	28.5	32.0	46	51	13	-	1165.80.40.320	5	
M50x1.5	M50x1.5	33.0	37.0	55	55	14	-	1165.80.50.370	5	
M50x1.5	M50x1.5	37.0	41.0	55	55	14	-	1165.80.50.410	5	
M63x1.5	M63x1.5	40.0	46.0	70	59	14	-	1165.80.63.460	5	
M63x1.5	M63x1.5	46.0	50.0	70	59	14	-	1165.80.63.500	5	
1=公制粗螺距螺纹								1 = Metric coarse-pitch thread (with VDE test report)		
可以选配通过EN45545认证的密封件。 采购时需要在型号前加“F”。								Available with sealing inserts conformity with EN 45545. When placing an inquiry, prefix the article number by the capital F.		

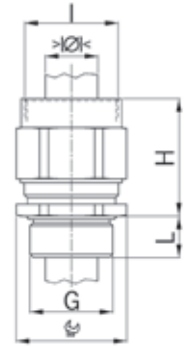
Pg长螺纹 | Long entry thread Pg

材质: 黄铜镀镍
 接触套: 黄铜镀镍
 密封件: TPE
 O型圈: NBR
 防护等级: 电缆接头IP68
 温度范围: -40°C / +100°C
 注意: 夹紧范围最大值取决于软管内径

Material: Nickel-plated brass
 Contact sleeve: Nickel-plated brass
 Seal: TPE
 O-ring: NBR
 Protection class: Cable gland IP 68
 Temperature range: -40°C / +100°C
 Note: The max. clamping range depends on the conduit inner diameter

性能: 运用接触套使屏蔽编织层与之连接在拧紧的电缆接头内, 达到最佳的屏蔽接触效果

Properties: Excellent shield contact through the contact sleeve with the braided shield terminating in the screwed cable gland



Progress MS Kombi EMC

单体密封件
 非整体长度绝缘

One-piece sealing insert
 not overall length insulated

G	I	>Ø < min mm	>Ø < max mm	mm	H mm	L mm	Art.-Nr. Art. No.	
Pg 7	Pg 7	4.0	6.0	15	31	10	1165.80.07.060	50
Pg 7	Pg 7	6.0	7.5	15	31	10	1165.80.07.075	50
Pg 9	Pg 9	6.0	8.0	18	38	10	1165.80.09.080	50
Pg 9	Pg 9	8.0	10.0	18	38	10	1165.80.09.100	50
Pg 11	Pg 11	5.5	8.5	21	38	10	1165.80.11.085	50
Pg 11	Pg 11	8.5	12.0	21	38	10	1165.80.11.120	50
Pg 13	Pg 13	8.0	11.0	24	40	10	1165.80.13.110	25
Pg 13	Pg 13	11.0	14.0	24	40	10	1165.80.13.140	25
Pg 16	Pg 16	8.0	11.0	24	41	10	1165.80.16.110	25
Pg 16	Pg 16	11.0	14.0	24	41	10	1165.80.16.140	25
Pg 21	Pg 21	13.0	16.0	30	47	12	1165.80.21.160	10
Pg 21	Pg 21	16.0	19.0	30	47	12	1165.80.21.190	10
Pg 29	Pg 29	19.0	23.0	38/40	48	12	1165.80.29.230	10
Pg 29	Pg 29	23.0	25.5	38/40	48	12	1165.80.29.255	10
Pg 36	Pg 36	25.0	30.5	50	54	15	1165.80.36.305	10
Pg 36	Pg 36	30.5	35.0	50	54	15	1165.80.36.350	10
Pg 48	Pg 48	39.0	43.0	65	59	15	1165.80.48.430	5
Pg 48	Pg 48	43.0	46.5	65	59	15	1165.80.48.465	5

可以选配通过EN45545认证的密封件。
 采购时需要在型号前加“F”。

Available with sealing inserts conformity with EN 45545.
 When placing an inquiry, prefix the article number by the capital F.



AGRO EMC 组合软管接头，用于铜编织带
AGRO combination EMC conduit gland for copper braidings

公制螺纹 | Entry thread metric

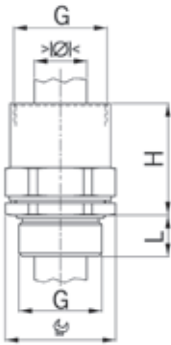
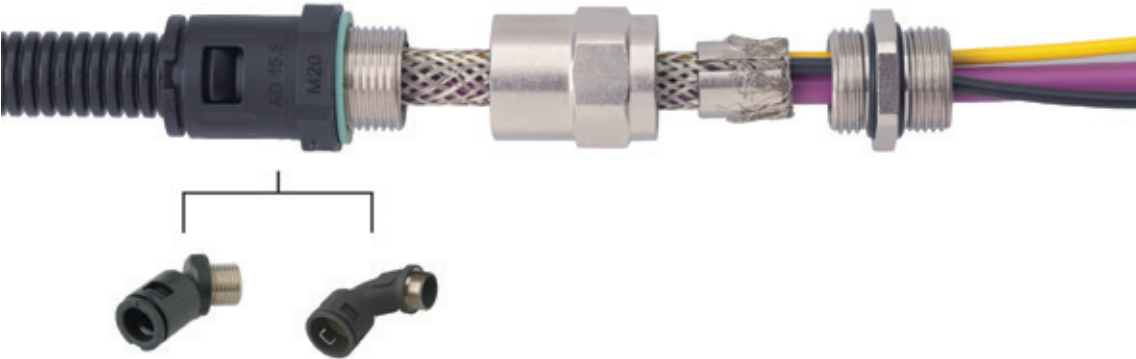


Table with 4 columns: Chinese labels (材质, 接触套, O型圈, 防护等级, 温度范围, 性能), Chinese descriptions (黄铜镀镍, 黄铜镀镍, NBR, IP68, -40°C / +120°C, etc.), English labels (Material, Contact sleeve, O-ring, Protection class, Temperature range, Properties), and English descriptions (Nickel-plated brass, Nickel-plated brass, NBR, IP 68, -40°C / +120°C, etc.).



Table with 8 columns: G, >|Ø|< min mm, >|Ø|< max mm, symbol, H mm, L mm, Art.-Nr. | Art. No., and a box icon. It lists specifications for various sizes (M20x1.5 to M63x1.5) and their corresponding part numbers.



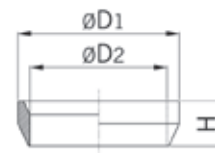
黄铜定位环用于软管接头 | Thrust collar brass for conduit glands

材质: 黄铜镀镍
应用: 在带屏蔽金属编织网的软管中使用, 实现接地和电位均衡

Material: Nickel-plated brass
Application: For grounding as well as potential equalization by use of conduits with metal braiding for shielding applications

温度范围: -40°C / +250°C

Temperature range: -40°C / +250°C



软管接头附件 黄铜定位环用

Conduit glands accessories Thrust collar brass

AD mm	ØD1 mm	ØD2 mm	H mm	Art.-Nr. Art. No.	
10	13	10.2	5.0	5031.034.007	50
14	17	14.5	5.0	5031.034.009	50
17	21	17.2	5.0	5031.034.011	50
19	23	19.2	6.0	5031.034.013	50
21	25	21.3	6.0	5031.034.016	50
27	32	27.3	8.5	5031.034.021	25
36	41	36.3	8.5	5031.034.029	25
45	50	45.3	8.5	5031.034.036	20
56	61	56.3	8.5	5031.034.048	10

对于EMC屏蔽应用, 必须使用黄铜定位环!

For EMC applications brass thrust collar necessary!



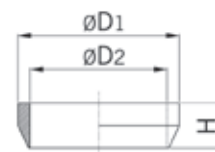
尼龙定位环用于软管接头 | Synthetic thrust collar for conduit glands

材质: PTFE(特氟龙)
应用: 用于带软管接头的管子, 适用于高温应用

Material: PTFE (teflon)
Application: By using tubes with conduit glands suitable for high temperatures

温度范围: -60°C / +300°C

Temperature range: -60°C / +300°C



软管接头附件 密封圈

Conduit glands accessories Sealing ring

AD mm	ØD1 mm	ØD2 mm	H mm	Art.-Nr. Art. No.	
10	13	10.3	6.0	5030.013.010	50
14	17	14.3	6.0	5030.013.014	50
17	21	17.3	6.0	5030.013.017	50
21	25	21.3	7.0	5030.013.021	50
27	32	27.4	9.5	5030.013.027	25
36	41	36.4	9.5	5030.013.036	25
45	50	45.4	9.5	5030.013.045	20
56	61	56.5	9.5	5030.013.056	10

高温应用

For high temperature applications

