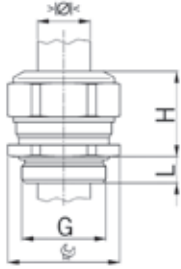


Progress® 黄铜镀镍电缆接头

Cable glands Progress® nickel-plated brass

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
 温度范围: -40°C / +100°C
 防护等级: IP68 (不超过10 bar)
 IP69

Material: Nickel-plated brass
 Seal: TPE
 O-ring: NBR
 Strain relief: Version A acc. to EN 62444
 Temperature range: -40°C / +100°C
 Protection class: IP 68 (up to 10 bar)
 Further protection: IP 69



Progress MS

单体密封件
整体长度绝缘

One-piece sealing insert
overall length insulated



G	>Ø< min mm	>Ø< max mm	Ø mm	H mm	L mm	i info	型号 Art. No.	📦
M6x1.0	2.0	2.5	8	12	5	1	1060.06.025	50
M6x1.0	2.5	3.0	8	12	5	1	1060.06.030	50
M8x1.25	2.5	3.0	11	14	5	1	1060.08.030	50
M8x1.25	3.0	4.0	11	14	5	1	1060.08.040	50
M10x1.5	3.0	4.0	13	15	5	1	1060.10.040	50
M10x1.5	4.0	6.0	13	15	5	1	1060.10.060	50
M12x1.5	3.5	5.0	15	17	5	-	1060.12.050	50
M12x1.5	5.0	6.5	15	17	5	-	1060.12.065	50
M12x1.5	6.5	7.5	15	17	5	-	1060.12.075	50
M16x1.5	4.5	6.0	18	20	5	-	1060.17.060	50
M16x1.5	6.0	8.0	18	20	5	-	1060.17.080	50
M16x1.5	8.0	10.5	18	22	5	-	1060.17.105	50
M20x1.5	6.0	8.0	24	21	6	-	1060.20.080	50
M20x1.5	8.0	11.0	24	21	6	-	1060.20.110	50
M20x1.5	11.0	14.5	24	23	6	-	1060.20.145	50
M25x1.5	9.5	12.5	30	25	7	-	1060.25.125	25
M25x1.5	12.5	16.0	30	25	7	-	1060.25.160	25
M25x1.5	16.0	19.0	30	28	7	-	1060.25.190	25
M32x1.5	17.0	21.0	36	28	8	-	1060.32.210	25
M32x1.5	21.0	25.5	36	28	8	-	1060.32.255	25
M40x1.5	24.0	28.5	46	31	8	-	1060.40.285	10
M40x1.5	28.5	33.0	46	31	8	-	1060.40.330	10
M50x1.5	33.0	37.0	55	34	9	-	1060.50.370	10
M50x1.5	37.0	42.0	55	34	9	-	1060.50.420	10
M63x1.5	40.0	46.0	70	37	10	-	1060.63.460	5
M63x1.5	46.0	52.0	70	37	10	-	1060.63.520	5
M75x1.5	50.0	56.0	80	38	11	-	1060.75.560	1
M75x1.5	56.0	63.0	80	38	11	-	1060.75.630	1

1=公制粗螺距螺纹 (带VDE测试报告)

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

两件套密封件
整体长度绝缘

Two-piece sealing insert
overall length insulated



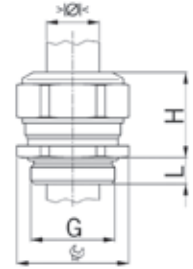
G	>Ø< min mm	>Ø< max mm	>Ø< min mm	>Ø< max mm	Ø mm	H mm	L mm	型号 Art. No.	📦
M16x1.5	6.0	8.0	8.0	10.5	18	22	5	1060.17	50
M20x1.5	8.0	11.0	11.0	14.5	24	23	6	1060.20	50
M25x1.5	12.5	16.0	16.0	19.0	30	28	7	1060.25	25
M32x1.5	17.0	21.0	21.0	25.5	36	28	8	1060.32	25
M40x1.5	24.0	28.5	28.5	33.0	46	31	8	1060.40	10
M50x1.5	33.0	37.0	37.0	42.0	55	34	9	1060.50	10
M63x1.5	41.0	46.0	46.0	52.0	70	37	10	1060.63	5
M75x1.5	50.0	56.0	56.0	63.0	80	38	11	1060.75	1

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 / NBR
 O型圈: NBR
 应力消除: 根据EN62444版本A
 温度范围: -40°C / +100°C
 防护等级: IP68 (不超过10 bar)
 IP69

Material: Nickel-plated brass
 Seal: TPE / NBR
 O-ring: NBR
 Strain relief: Version A acc. to EN 62444
 Temperature range: -40°C / +100°C
 Protection class: IP 68 (up to 10 bar)
 Further protection: IP 69



Progress MS



单体密封件
 非整体长度绝缘

One-piece sealing insert
 not overall length insulated

G	> Ø < min mm	> Ø < max mm	mm	H mm	L mm	i info	型号 Art. No.	
M6x1.0	2.0	2.5	8	12	5	1	1000.06.025	50
M6x1.0	2.5	3.0	8	12	5	1	1000.06.030	50
M6x1.0	3.0	3.5	8	12	5	1	1000.06.035	50
M8x1.25	2.5	3.5	11	14	5	1	1000.08.035	50
M8x1.25	3.5	5.0	11	14	5	1	1000.08.050	50
M10x1.5	3.0	4.0	13	15	5	1	1000.10.040	50
M10x1.5	4.0	6.0	13	15	5	1	1000.10.060	50
M12x1.5	3.5	5.0	15	17	5	-	1000.12.050	50
M12x1.5	5.0	6.5	15	17	5	-	1000.12.065	50
M12x1.5	6.5	8.0	15	17	5	-	1000.12.080	50
M16x1.5	3.5	4.5	18	20	5	-	1000.17.045	50
M16x1.5	4.5	6.0	18	20	5	-	1000.17.060	50
M16x1.5	6.0	8.0	18	20	5	-	1000.17.080	50
M16x1.5	8.0	10.5	18	22	5	-	1000.17.105	50
M20x1.5	6.0	8.0	24	21	6	-	1000.20.080	50
M20x1.5	8.0	11.0	24	21	6	-	1000.20.110	50
M20x1.5	11.0	15.0	24	23	6	-	1000.20.150	50
M25x1.5	9.5	12.5	30	25	7	-	1000.25.125	25
M25x1.5	12.5	16.0	30	27	7	-	1000.25.160	25
M25x1.5	16.0	20.5	30	28	7	-	1000.25.205	25
M32x1.5	14.0	17.0	36	28	8	-	1000.32.170	25
M32x1.5	17.0	21.0	36	28	8	-	1000.32.210	25
M32x1.5	21.0	25.5	36	28	8	-	1000.32.255	25
M40x1.5	20.0	24.0	46	31	8	-	1000.40.240	10
M40x1.5	24.0	28.5	46	31	8	-	1000.40.285	10
M40x1.5	28.5	33.0	46	31	8	-	1000.40.330	10
M50x1.5	29.0	33.0	55	34	9	-	1000.50.330	10
M50x1.5	33.0	37.0	55	34	9	-	1000.50.370	10
M50x1.5	37.0	42.0	55	34	9	-	1000.50.420	10
M63x1.5	35.0	40.0	70	37	10	-	1000.63.400	5
M63x1.5	40.0	46.0	70	37	10	-	1000.63.460	5
M63x1.5	46.0	52.0	70	37	10	-	1000.63.520	5
M75x1.5	45.0	50.0	80	38	11	-	1000.75.500	1
M75x1.5	50.0	56.0	80	38	11	-	1000.75.560	1
M75x1.5	56.0	63.0	80	38	11	-	1000.75.630	1
M85x2.0	63.0	70.0	95	41	18	-	1000.85.700	1
M95x2.0	68.0	75.0	110	51	20	-	1000.95.750	1
M95x2.0	73.0	80.0	110	51	20	-	1000.95.800	1
M100x3.0	78.0	85.0	115	51	22	-	1000.100.850	1
M105x3.0	83.0	90.0	120	52	22	-	1000.105.900	1
M115x3.0	88.0	95.0	125	52	22	-	1000.115.950	1



1=公制粗螺距螺纹 (带VDE测试报告)

1 = Metric coarse-pitch thread (with VDE test report)

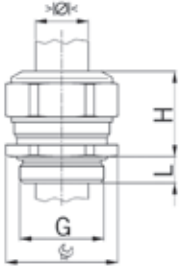
可以选配通过EN45545认证的密封件。
 采购时需要在型号前加“F”。

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

Progress® 黄铜镀镍电缆接头

Cable glands Progress® nickel-plated brass

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
 温度范围: -40°C / +100°C
 防护等级: IP68 (不超过10 bar)
 IP69

Material: Nickel-plated brass
 Seal: TPE
 O-ring: NBR
 Strain relief: Version A acc. to EN 62444
 Temperature range: -40°C / +100°C
 Protection class: IP 68 (up to 10 bar)
 Further protection: IP 69



Progress MS

两件套密封件
 非整体长度绝缘

Two-piece sealing insert
 not overall length insulated



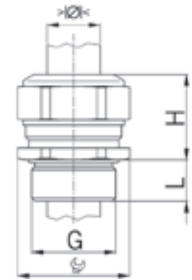
G	>Ø<		>Ø<		mm	H	L	型号 Art. No.	📦
	min mm	max mm	min mm	max mm					
M16x1.5	6.0	8.0	8.0	10.5	18	22	5	1000.17	50
M20x1.5	8.0	11.0	11.0	15.0	24	23	6	1000.20	50
M25x1.5	12.5	16.0	16.0	20.5	30	28	7	1000.25	25
M32x1.5	17.0	21.0	21.0	25.5	36	28	8	1000.32	25
M40x1.5	24.0	28.5	28.5	33.0	46	31	8	1000.40	10
M50x1.5	33.0	37.0	37.0	42.0	55	34	9	1000.50	10
M63x1.5	40.0	46.0	46.0	52.0	70	37	10	1000.63	5
M75x1.5	50.0	56.0	56.0	63.0	80	38	11	1000.75	1

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
 温度范围: -40°C / +100°C
 防护等级: IP68 (不超过10 bar)
 IP69

Material: Nickel-plated brass
 Seal: TPE
 O-ring: NBR
 Strain relief: Version A acc. to EN 62444
 Temperature range: -40°C / +100°C
 Protection class: IP 68 (up to 10 bar)
 Further protection: IP 69



Progress MS



单体密封件
 整体长度绝缘

One-piece sealing insert
 overall length insulated

G	> Ø < min mm	> Ø < max mm	Ø mm	H mm	L mm	i info	型号 Art. No.	📦
M6x1.0	2.0	2.5	8	12	8	1	1160.06.025	50
M6x1.0	2.5	3.0	8	12	8	1	1160.06.030	50
M8x1.25	2.5	3.0	11	14	10	1	1160.08.030	50
M8x1.25	3.0	4.0	11	14	10	1	1160.08.040	50
M10x1.5	3.0	4.0	13	15	10	1	1160.10.040	50
M10x1.5	4.0	6.0	13	15	10	1	1160.10.060	50
M12x1.5	3.5	5.0	15	17	10	-	1160.12.050	50
M12x1.5	5.0	6.5	15	17	10	-	1160.12.065	50
M12x1.5	6.5	7.5	15	17	10	-	1160.12.075	50
M16x1.5	8.0	10.5	18	22	10	-	1160.17.105	50
M20x1.5	11.0	14.5	24	23	10	-	1160.20.145	50
M25x1.5	16.0	19.0	30	28	11	-	1160.25.190	25
M32x1.5	21.0	25.5	36	28	13	-	1160.32.255	25
M40x1.5	28.5	33.0	46	34	13	-	1160.40.330	10
M50x1.5	37.0	42.0	55	34	14	-	1160.50.420	10
M63x1.5	46.0	52.0	70	37	14	-	1160.63.520	5
M75x1.5	56.0	63.0	80	38	15	-	1160.75.630	1



1=公制粗螺距螺纹 (带VDE测试报告)

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



Zweiteiliger Dichteinsatz
 durchgehend isolierend

Two-piece sealing insert
 overall length insulated

G	> Ø < min mm	> Ø < max mm	> Ø < min mm	> Ø < max mm	Ø mm	H mm	L mm	型号 Art. No.	📦
M16x1.5	6.0	8.0	8.0	10.5	18	22	10	1160.17	50
M20x1.5	8.0	11.0	11.0	14.5	24	23	10	1160.20	50
M25x1.5	12.5	16.0	16.0	19.0	30	28	11	1160.25	25
M32x1.5	17.0	21.0	21.0	25.5	36	28	13	1160.32	25
M40x1.5	24.0	28.5	28.5	33.0	46	31	13	1160.40	10
M50x1.5	33.0	37.0	37.0	42.0	55	34	14	1160.50	10
M63x1.5	41.0	46.0	46.0	52.0	70	37	14	1160.63	5
M75x1.5	50.0	56.0	56.0	63.0	80	38	15	1160.75	1



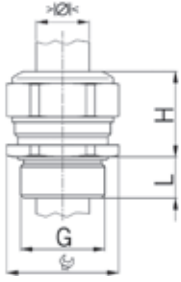
可以选配通过EN45545认证的密封件。
 采购时需要在型号前加“F”。

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

Progress® 黄铜镀镍电缆接头

Cable glands Progress® nickel-plated brass

公制长螺纹 | Long 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
 温度范围: -40°C / +100°C
 防护等级: IP68 (不超过10 bar)
 IP69

Material: Nickel-plated brass
 Seal: TPE
 O-ring: NBR
 Strain relief: Version A acc. to EN 62444
 Temperature range: -40°C / +100°C
 Protection class: IP 68 (up to 10 bar)
 Further protection: IP 69



Progress MS

单体密封件
 非整体长度绝缘

One-piece sealing insert
 not overall length insulated



G	>Ø< min mm	>Ø< max mm	 mm	H mm	L mm	i info	型号 Art. No.	
M6x1.0	2.0	2.5	8	12	8	1	1100.06.025	50
M6x1.0	2.5	3.0	8	12	8	1	1100.06.030	50
M6x1.0	3.0	3.5	8	12	8	1	1100.06.035	50
M8x1.25	2.5	3.5	11	14	10	1	1100.08.035	50
M8x1.25	3.5	5.0	11	14	10	1	1100.08.050	50
M10x1.5	3.0	4.0	13	15	10	1	1100.10.040	50
M10x1.5	4.0	6.0	13	15	10	1	1100.10.060	50
M12x1.5	3.5	5.0	15	17	10	-	1100.12.050	50
M12x1.5	5.0	6.5	15	17	10	-	1100.12.065	50
M12x1.5	6.5	8.0	15	17	10	-	1100.12.080	50
M16x1.5	3.5	4.5	18	20	10	-	1100.17.045	50
M16x1.5	4.5	6.0	18	20	10	-	1100.17.060	50
M16x1.5	6.0	8.0	18	20	10	-	1100.17.080	50
M16x1.5	8.0	10.5	18	22	10	-	1100.17.105	50
M20x1.5	6.0	8.0	24	21	10	-	1100.20.080	50
M20x1.5	8.0	11.0	24	21	10	-	1100.20.110	50
M20x1.5	11.0	15.0	24	23	10	-	1100.20.150	50
M25x1.5	9.5	12.5	30	25	11	-	1100.25.125	25
M25x1.5	12.5	16.0	30	27	11	-	1100.25.160	25
M25x1.5	16.0	20.5	30	28	11	-	1100.25.205	25
M32x1.5	14.0	17.0	36	28	13	-	1100.32.170	25
M32x1.5	17.0	21.0	36	28	13	-	1100.32.210	25
M32x1.5	21.0	25.5	36	28	13	-	1100.32.255	25
M40x1.5	20.0	24.0	46	31	13	-	1100.40.240	10
M40x1.5	24.0	28.5	46	31	13	-	1100.40.285	10
M40x1.5	28.5	33.0	46	31	13	-	1100.40.330	10
M50x1.5	29.0	33.0	55	34	14	-	1100.50.330	10
M50x1.5	33.0	37.0	55	34	14	-	1100.50.370	10
M50x1.5	37.0	42.0	55	34	14	-	1100.50.420	10
M63x1.5	35.0	40.0	70	37	14	-	1100.63.400	5
M63x1.5	40.0	46.0	70	37	14	-	1100.63.460	5
M63x1.5	46.0	52.0	70	37	14	-	1100.63.520	5
M75x1.5	45.0	50.0	80	38	15	-	1100.75.500	1
M75x1.5	50.0	56.0	80	38	15	-	1100.75.560	1
M75x1.5	56.0	63.0	80	38	15	-	1100.75.630	1

1=公制粗螺距螺纹 (带VDE测试报告)

1 = Metric coarse-pitch thread (with VDE test report)

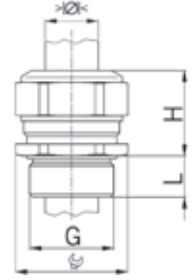
可以选配通过EN45545认证的密封件。
 采购时需要在型号前加“F”。

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

公制长螺纹 | Long 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
 温度范围: -40°C / +100°C
 防护等级: IP68 (不超过10 bar)
 IP69

Material: Nickel-plated brass
 Seal: TPE
 O-ring: NBR
 Strain relief: Version A acc. to EN 62444
 Temperature range: -40°C / +100°C
 Protection class: IP 68 (up to 10 bar)
 Further protection: IP 69



Progress MS



单体密封件
 整体长度绝缘

Two-piece sealing insert
 not overall length insulated

G	> Ø < min mm	> Ø < max mm	> Ø < min mm	> Ø < max mm	mm	H mm	L mm	型号 Art. No.	
M16x1.5	6.0	8.0	8.0	10.5	18	22	10	1100.17	50
M20x1.5	8.0	11.0	11.0	15.0	24	23	10	1100.20	50
M25x1.5	12.5	16.0	16.0	20.5	30	28	11	1100.25	25
M32x1.5	17.0	21.0	21.0	25.5	36	28	13	1100.32	25
M40x1.5	24.0	28.5	28.5	33.0	46	31	13	1100.40	10
M50x1.5	33.0	37.0	37.0	42.0	55	34	14	1100.50	10
M63x1.5	40.0	46.0	46.0	52.0	70	37	14	1100.63	5
M75x1.5	50.0	56.0	56.0	63.0	80	38	15	1100.75	1

可以选配通过EN45545认证的密封件。
 采购时需要在型号前加“F”。

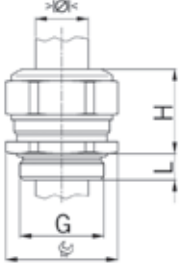
Available with sealing inserts conformity with EN 45545.
 When placing an inquiry, prefix the article number by the capital F.



Progress® 黄铜镀镍电缆接头

Cable glands Progress® nickel-plated brass

Pg短螺纹 | Short entry thread Pg



材质: 黄铜镀镍
 密封件: TPE
 O型圈: NBR
 温度范围: -40°C / +100°C
 防护等级: IP68 (不超过 10 bar)
 IP69

Material: Nickel-plated brass
 Seal: TPE
 O-ring: NBR
 Temperature range: -40°C / +100°C
 Protection class: IP 68 (up to 10 bar)
 Further protection: IP 69



Progress MS

单体密封件
 整体长度绝缘

One-piece sealing insert
 overall length insulated

G	$\varnothing <$ min mm	$\varnothing <$ max mm	$\varnothing <$ mm	H mm	L mm	型号 Art. No.	
Pg 7	3.5	5.0	15	17	6.0	1060.07.050	50
Pg 7	5.0	6.5	15	17	6.0	1060.07.065	50
Pg 7	6.5	7.5	15	17	6.0	1060.07.075	50
Pg 9	4.5	6.0	18	20	6.0	1060.09.060	50
Pg 9	6.0	8.0	18	20	6.0	1060.09.080	50
Pg 9	8.0	10.5	18	22	6.0	1060.09.105	50
Pg 11	4.0	5.5	21	21	6.0	1060.11.055	50
Pg 11	5.5	8.5	21	21	6.0	1060.11.085	50
Pg 11	8.5	12.0	21	21	6.0	1060.11.120	50
Pg 13	6.0	8.0	24	21	6.0	1060.13.080	50
Pg 13	8.0	11.0	24	21	6.0	1060.13.110	50
Pg 13	11.0	14.5	24	23	6.0	1060.13.145	50
Pg 16	6.0	8.0	24	23	6.0	1060.16.080	50
Pg 16	8.0	11.0	24	23	6.0	1060.16.110	50
Pg 16	11.0	14.5	24	23	6.0	1060.16.145	50
Pg 21	9.5	12.5	30	28	7.5	1060.21.125	25
Pg 21	12.5	16.0	30	28	7.5	1060.21.160	25
Pg 21	16.0	19.0	30	28	7.5	1060.21.190	25
Pg 29	19.0	23.0	38	28	8.0	1060.29.230	25
Pg 29	23.0	27.5	38	28	8.0	1060.29.275	25
Pg 36	26.0	30.5	50	32	8.0	1060.36.305	10
Pg 36	30.5	35.0	50	32	8.0	1060.36.350	10
Pg 42	33.0	37.0	55	34	10.0	1060.42.370	10
Pg 42	37.0	42.0	55	34	10.0	1060.42.420	10
Pg 48	37.0	43.0	65	37	11.0	1060.48.430	10
Pg 48	43.0	49.0	65	37	11.0	1060.48.490	10

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

两件套密封件
 整体长度绝缘

Two-piece sealing insert
 overall length insulated

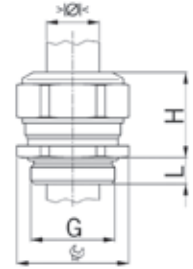
G	$\varnothing <$ min mm	$\varnothing <$ max mm	$\varnothing <$ min mm	$\varnothing <$ max mm	$\varnothing <$ mm	H mm	L mm	型号 Art. No.	
Pg 9	6.0	8.0	8.0	10.5	18	22	6.0	1060.09	50
Pg 11	5.5	8.5	8.5	12.0	21	21	6.0	1060.11	50
Pg 13	8.0	11.0	11.0	14.5	24	23	6.0	1060.13	50
Pg 16	8.0	11.0	11.0	14.5	24	23	6.0	1060.16	50
Pg 21	12.5	16.0	16.0	19.0	30	28	7.5	1060.21	25
Pg 29	19.0	23.0	23.0	27.5	38	28	8.0	1060.29	25
Pg 36	26.0	30.5	30.5	35.0	50	32	8.0	1060.36	10
Pg 42	33.0	37.0	37.0	42.0	55	34	10.0	1060.42	10
Pg 48	37.0	43.0	43.0	49.0	65	37	11.0	1060.48	10

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
 温度范围: -40°C / +100°C
 防护等级: IP68 (不超过10 bar)
 IP69

Material: Nickel-plated brass
 Seal: TPE
 O-ring: NBR
 Temperature range: -40°C / +100°C
 Protection class: IP 68 (up to 10 bar)
 Further protection: IP 69



Progress MS



单体密封件
 非整体长度绝缘

One-piece sealing insert
 not overall length insulated

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	型号 Art. No.	📦
Pg 7	3.5	5.0	15	17	6.0	1000.07.050	50
Pg 7	5.0	6.5	15	17	6.0	1000.07.065	50
Pg 7	6.5	8.0	15	17	6.0	1000.07.080	50
Pg 9	3.5	4.5	18	20	6.0	1000.09.045	50
Pg 9	4.5	6.0	18	20	6.0	1000.09.060	50
Pg 9	6.0	8.0	18	20	6.0	1000.09.080	50
Pg 9	8.0	10.5	18	22	6.0	1000.09.105	50
Pg 11	4.0	5.5	21	21	6.0	1000.11.055	50
Pg 11	5.5	8.5	21	21	6.0	1000.11.085	50
Pg 11	8.5	12.0	21	21	6.0	1000.11.120	50
Pg 13	6.0	8.0	24	21	6.0	1000.13.080	50
Pg 13	8.0	11.0	24	21	6.0	1000.13.110	50
Pg 13	11.0	15.0	24	23	6.0	1000.13.150	50
Pg 16	6.0	8.0	24	23	6.0	1000.16.080	50
Pg 16	8.0	11.0	24	23	6.0	1000.16.110	50
Pg 16	11.0	15.0	24	23	6.0	1000.16.150	50
Pg 21	9.5	12.5	30	28	7.5	1000.21.125	25
Pg 21	12.5	16.0	30	28	7.5	1000.21.160	25
Pg 21	16.0	20.5	30	28	7.5	1000.21.205	25
Pg 29	16.0	19.0	38	28	8.0	1000.29.190	25
Pg 29	19.0	23.0	38	28	8.0	1000.29.230	25
Pg 29	23.0	27.5	38	28	8.0	1000.29.275	25
Pg 36	21.5	26.0	50	32	8.0	1000.36.260	10
Pg 36	26.0	30.5	50	32	8.0	1000.36.305	10
Pg 36	30.5	35.0	50	32	8.0	1000.36.350	10
Pg 42	29.0	33.0	55	34	10.0	1000.42.330	10
Pg 42	33.0	37.0	55	34	10.0	1000.42.370	10
Pg 42	37.0	42.0	55	34	10.0	1000.42.420	10
Pg 48	32.0	37.0	65	37	11.0	1000.48.370	10
Pg 48	37.0	43.0	65	37	11.0	1000.48.430	10
Pg 48	43.0	49.0	65	37	11.0	1000.48.490	10



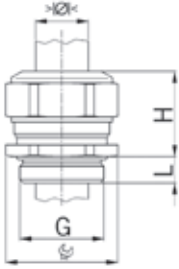
可以选配通过EN45545认证的密封件。
 采购时需要在型号前加“F”。

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

Progress® 黄铜镀镍电缆接头

Cable glands Progress® nickel-plated brass

Pg短螺纹 | Short entry thread Pg



材质: 黄铜镀镍
 密封件: TPE
 O型圈: NBR
 温度范围: -40°C / +100°C
 防护等级: IP68 (不超过10 bar)
 IP69

Material: Nickel-plated brass
 Seal: TPE
 O-ring: NBR
 Temperature range: -40°C / +100°C
 Protection class: IP 68 (up to 10 bar)
 Further protection: IP 69



Progress MS



两件套密封件
 非整体长度绝缘

Two-piece sealing insert
 not overall length insulated

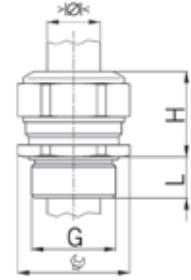
G	>Ø< min mm	>Ø< max mm	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	型号 Art. No.	
Pg 9	6.0	8.0	8.0	10.5	18	22	6.0	1000.09	50
Pg 11	5.5	8.5	8.5	12.0	21	21	6.0	1000.11	50
Pg 13	8.0	11.0	11.0	15.0	24	23	6.0	1000.13	50
Pg 16	8.0	11.0	11.0	15.0	24	23	6.0	1000.16	50
Pg 21	12.5	16.0	16.0	20.5	30	28	7.5	1000.21	25
Pg 29	19.0	23.0	23.0	27.5	38	28	8.0	1000.29	25
Pg 36	26.0	30.5	30.5	35.0	50	32	8.0	1000.36	10
Pg 42	33.0	37.0	37.0	42.0	55	34	10.0	1000.42	10
Pg 48	37.0	43.0	43.0	49.0	65	37	11.0	1000.48	10

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
 温度范围: -40°C / +100°C
 防护等级: IP68 (不超过10 bar)
 IP69

Material: Nickel-plated brass
 Seal: TPE
 O-ring: NBR
 Temperature range: -40°C / +100°C
 Protection class: IP 68 (up to 10 bar)
 Further protection: IP 69



Progress MS



单体密封件
 整体长度绝缘

One-piece sealing insert
 overall length insulated

G	> Ø < min mm	> Ø < max mm	mm	H mm	L mm	型号 Art. No.	
Pg 7	5.0	6.5	15	17	10	1160.07.065	50
Pg 7	6.5	7.5	15	17	10	1160.07.075	50
Pg 9	8.0	10.5	18	22	10	1160.09.105	50
Pg 11	8.5	12.0	21	21	10	1160.11.120	50
Pg 13	11.0	14.5	24	23	10	1160.13.145	50
Pg 16	11.0	14.5	24	23	10	1160.16.145	50
Pg 21	16.0	19.0	30	28	12	1160.21.190	25
Pg 29	23.0	27.5	38	28	12	1160.29.275	25
Pg 36	30.5	35.0	50	32	15	1160.36.350	10
Pg 42	37.0	42.0	55	32	15	1160.42.420	10
Pg 48	43.0	49.0	65	37	15	1160.48.490	10

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



两件套密封件
 整体长度绝缘

Two-piece sealing insert
 overall length insulated

G	> Ø < min mm	> Ø < max mm	> Ø < min mm	> Ø < max mm	mm	H mm	L mm	型号 Art. No.	
Pg 9	6.0	8.0	8.0	10.5	18	22	10	1160.09	50
Pg 11	5.5	8.5	8.5	12.0	21	21	10	1160.11	50
Pg 13	8.0	11.0	11.0	14.5	24	23	10	1160.13	50
Pg 16	8.0	11.0	11.0	14.5	24	23	10	1160.16	50
Pg 21	12.5	16.0	16.0	19.0	30	28	12	1160.21	25
Pg 29	19.0	23.0	23.0	27.5	38	28	12	1160.29	25
Pg 36	26.0	30.5	30.5	35.0	50	32	15	1160.36	10
Pg 42	33.0	37.0	37.0	42.0	55	34	15	1160.42	10
Pg 48	37.0	43.0	43.0	49.0	65	37	15	1160.48	10

可以选配通过EN45545认证的密封件。
 采购时需要在型号前加“F”。

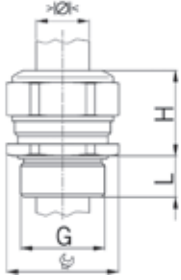
Available with sealing inserts conformity with EN 45545.
 When placing an inquiry, prefix the article number by the capital F.



Progress® 黄铜镀镍电缆接头

Cable glands Progress® nickel-plated brass

Pg长螺纹 | Long entry thread Pg



材质: 黄铜镀镍
 密封件: TPE
 O型圈: NBR
 温度范围: -40°C / +100°C
 防护等级: IP68 (不超过10 bar)
 IP69

Material: Nickel-plated brass
 Seal: TPE
 O-ring: NBR
 Temperature range: -40°C / +100°C
 Protection class: IP 68 (up to 10 bar)
 Further protection: IP 69



Progress MS

单体密封件
 非整体长度绝缘

One-piece sealing insert
 not overall length insulated



G	>Ø< min mm	>Ø< max mm	Ø mm	H mm	L mm	型号 Art. No.	包装
Pg 7	3.5	5.0	15	17	10	1100.07.050	50
Pg 7	5.0	6.5	15	17	10	1100.07.065	50
Pg 7	6.5	8.0	15	17	10	1100.07.080	50
Pg 9	3.5	4.5	18	20	10	1100.09.045	50
Pg 9	4.5	6.0	18	20	10	1100.09.060	50
Pg 9	6.0	8.0	18	20	10	1100.09.080	50
Pg 9	8.0	10.5	18	22	10	1100.09.105	50
Pg 11	4.0	5.5	21	21	10	1100.11.055	50
Pg 11	5.5	8.5	21	21	10	1100.11.085	50
Pg 11	8.5	12.0	21	21	10	1100.11.120	50
Pg 13	6.0	8.0	24	21	10	1100.13.080	50
Pg 13	8.0	11.0	24	21	10	1100.13.110	50
Pg 13	11.0	15.0	24	23	10	1100.13.150	50
Pg 16	6.0	8.0	24	23	10	1100.16.080	50
Pg 16	8.0	11.0	24	23	10	1100.16.110	50
Pg 16	11.0	15.0	24	23	10	1100.16.150	50
Pg 21	9.5	12.5	30	28	12	1100.21.125	25
Pg 21	12.5	16.0	30	28	12	1100.21.160	25
Pg 21	16.0	20.5	30	28	12	1100.21.205	25
Pg 29	16.0	19.0	38	28	12	1100.29.190	25
Pg 29	19.0	23.0	38	28	12	1100.29.230	25
Pg 29	23.0	27.5	38	28	12	1100.29.275	25
Pg 36	21.5	26.0	50	32	15	1100.36.260	10
Pg 36	26.0	30.5	50	32	15	1100.36.305	10
Pg 36	30.5	35.0	50	32	15	1100.36.350	10
Pg 42	29.0	33.0	55	34	15	1100.42.330	10
Pg 42	33.0	37.0	55	34	15	1100.42.370	10
Pg 42	37.0	42.0	55	34	15	1100.42.420	10
Pg 48	32.0	37.0	65	37	15	1100.48.370	10
Pg 48	37.0	43.0	65	37	15	1100.48.430	10
Pg 48	43.0	49.0	65	37	15	1100.48.490	10

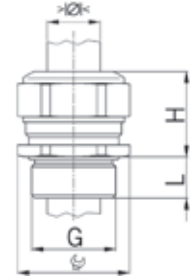
可以选配通过EN45545认证的密封件。
 采购时需要在型号前加“F”。

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
 密封件: TPE
 O型圈: NBR
 温度范围: -40°C / +100°C
 防护等级: IP68 (不超过10 bar)
 IP69

Material: Nickel-plated brass
 Seal: TPE
 O-ring: NBR
 Temperature range: -40°C / +100°C
 Protection class: IP 68 (up to 10 bar)
 Further protection: IP 69



Progress MS



两件套密封件
 非整体长度绝缘

Two-piece sealing insert
 not overall length insulated

G	> Ø < min mm	> Ø < max mm	> Ø < min mm	> Ø < max mm	mm	H mm	L mm	型号 Art. No.	
Pg 9	6.0	8.0	8.0	10.5	18	22	10	1100.09	50
Pg 11	5.5	8.5	8.5	12.0	21	21	10	1100.11	50
Pg 13	8.0	11.0	11.0	15.0	24	23	10	1100.13	50
Pg 16	8.0	11.0	11.0	15.0	24	23	10	1100.16	50
Pg 21	12.5	16.0	16.0	20.5	30	28	12	1100.21	25
Pg 29	19.0	23.0	23.0	27.5	38	28	12	1100.29	25
Pg 36	26.0	30.5	30.5	35.0	50	32	15	1100.36	10
Pg 42	33.0	37.0	37.0	42.0	55	34	15	1100.42	10
Pg 48	37.0	43.0	43.0	49.0	65	37	15	1100.48	10



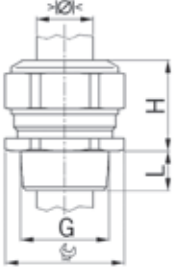
可以选配通过EN45545认证的密封件。
 采购时需要在型号前加“F”。

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

Progress® 黄铜镀镍电缆接头

Cable glands Progress® nickel-plated brass

NPT螺纹 | Entry thread NPT



材质: 黄铜镀镍
 密封件: TPE
 温度范围: -40°C / +100°C
 防护等级: IP68 (不超过 10 bar)
 IP69
 螺纹: 若螺纹经过有效密封, 防护等级可达IP68

Material: Nickel-plated brass
 Seal: TPE
 Temperature range: -40°C / +100°C
 Protection class: IP 68 (up to 10 bar)
 IP 69
 Further protection: IP 69
 Entry thread: IP 68, if the entry thread is sealed



Progress NPT



单体密封件
 非整体长度绝缘

One-piece sealing insert
 not overall length insulated

G	> Ø <	> Ø <	Ø	H	L	型号 Art. No.	📦
	min mm	max mm	mm	mm	mm		
NPT 1/8"	3.0	4.0	13	15	8	1000.1/8NPT.040	50
NPT 1/8"	4.0	6.0	13	15	8	1000.1/8NPT.060	50
NPT 1/4"	3.5	5.0	15	17	12	1000.1/4NPT.050	50
NPT 1/4"	5.0	6.5	15	17	12	1000.1/4NPT.065	50
NPT 1/4"	6.5	8.0	15	17	12	1000.1/4NPT.080	50
NPT 3/8"	3.5	4.5	18	20	12	1000.3/8NPT.045	50
NPT 3/8"	4.5	6.0	18	20	12	1000.3/8NPT.060	50
NPT 3/8"	6.0	8.0	18	20	12	1000.3/8NPT.080	50
NPT 3/8"	8.0	10.5	18	22	12	1000.3/8NPT.105	50
NPT 1/2"	6.0	8.0	24	21	15	1000.1/2NPT.080	50
NPT 1/2"	8.0	11.0	24	21	15	1000.1/2NPT.110	50
NPT 1/2"	11.0	15.0	24	23	15	1000.1/2NPT.150	50
NPT 3/4"	9.5	12.5	30	28	15	1000.3/4NPT.125	25
NPT 3/4"	12.5	16.0	30	28	15	1000.3/4NPT.160	25
NPT 3/4"	16.0	20.5	30	28	15	1000.3/4NPT.205	25
NPT 1"	14.0	17.0	36	28	20	1000.1NPT.170	25
NPT 1"	17.0	21.0	36	28	20	1000.1NPT.210	25
NPT 1"	21.0	25.5	36	28	20	1000.1NPT.255	25
NPT 1 1/4"	20.0	24.0	46	31	20	1000.11/4NPT.240	10
NPT 1 1/4"	24.0	28.5	46	31	20	1000.11/4NPT.285	10
NPT 1 1/4"	28.5	33.0	46	31	20	1000.11/4NPT.330	10
NPT 1 1/2"	29.0	33.0	55	34	22	1000.11/2NPT.330	10
NPT 1 1/2"	33.0	37.0	55	34	22	1000.11/2NPT.370	10
NPT 1 1/2"	37.0	41.0	55	34	22	1000.11/2NPT.410	10
NPT 2"	35.0	40.0	70	37	22	1000.2NPT.400	5
NPT 2"	40.0	46.0	70	37	22	1000.2NPT.460	5
NPT 2"	46.0	52.0	70	37	22	1000.2NPT.520	5



Progress NPT



两件套密封件
 非整体长度绝缘

Two-piece sealing insert
 not overall length insulated

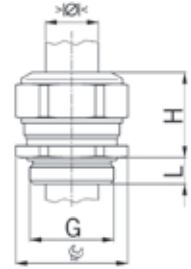
G	> Ø <	> Ø <	> Ø <	> Ø <	Ø	H	L	型号 Art. No.	📦
	min mm	max mm	min mm	max mm	mm	mm	mm		
NPT 3/8"	6.0	8.0	8.0	10.5	18	22	12	1000.3/8NPT	50
NPT 1/2"	8.0	11.0	11.0	15.0	24	23	15	1000.1/2NPT	50
NPT 3/4"	12.5	16.0	16.0	20.5	30	28	15	1000.3/4NPT	25
NPT 1"	17.0	21.0	21.0	25.5	36	28	20	1000.1NPT	25
NPT 1 1/4"	24.0	28.5	28.5	33.0	46	31	20	1000.11/4NPT	10
NPT 1 1/2"	33.0	37.0	37.0	41.0	55	34	22	1000.11/2NPT	10
NPT 2"	40.0	46.0	46.0	52.0	70	37	22	1000.2NPT	5


Progress® 黄铜镀镍电缆接头 Cable glands Progress® nickel-plated brass

气管螺纹 | Gas-pipe entry thread

材质: 黄铜镀镍
密封件: TPE
O型圈: NBR
温度范围: -40°C / +100°C
防护等级: IP68

Material: Nickel-plated brass
Seal: TPE
O-ring: NBR
Temperature range: -40°C / +100°C
Protection class: IP 68



两件套密封件 非整体长度绝缘						Two-piece sealing insert not overall length insulated				型号 Art. No.	
G	> Ø < min mm	> Ø < max mm	> Ø < min mm	> Ø < max mm	⌀ mm	H mm	L mm	i info			
G 3/8"	5.5	8.5	8.5	12.0	21	21	6	-	1000.3/8G	50	
G 1/2"	8.0	11.0	11.0	15.0	24	23	8	-	1000.1/2G	50	
G 3/4"	12.5	16.0	16.0	20.5	30	28	10	-	1000.3/4G	25	
G 1"	17.0	21.0	21.0	25.5	36	28	11	-	1000.1G	25	
G 1 1/2"	25.0	30.5	30.5	35.0	55/50	32	12	-	1000.11/2G	10	
G 2"	37.0	43.0	43.0	49.0	65	37	12	-	1000.2G	10	
G 2 1/2"	-	-	45.0	50.0	80	38	18	1	1000.21/2G.500	1	
G 2 1/2"	-	-	50.0	56.0	80	38	18	1	1000.21/2G.560	1	
G 3"	-	-	56.0	63.0	80	38	18	1	1000.3G.630	1	
G 3"	-	-	63.0	70.0	95	40	18	1	1000.3G.700	1	

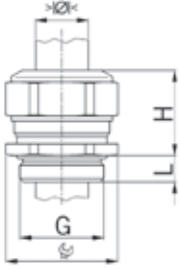
1=单体密封件 1 = One-piece sealing insert



Progress® 黄铜镀镍高温电缆接头

Cable glands Progress® nickel-plated brass for high temperature applications

公制短螺纹 | Short entry thread metric



材质: 黄铜镀镍
 密封件: FPM
 O型圈: FPM
 应力消除: 根据EN62444版本A
 温度范围: -40°C / +200°C
 防护等级: IP68 (不超过10 bar)
 IP69

Material: Nickel-plated brass
 Seal: FPM
 O-ring: FPM
 Strain relief: Version A acc. to EN 62444
 Temperature range: -40°C / +200°C
 Protection class: IP 68 (up to 10 bar)
 Further protection: IP 69



Progress MS HT



单体密封件
 非整体长度绝缘

One-piece sealing insert
 not overall length insulated

G	> Ø < min mm	> Ø < max mm	mm	H mm	L mm	i info	型号 Art. No.	
M6x1.0	2.0	2.5	8	12	5	1	1000.06.91.025	50
M6x1.0	2.5	3.0	8	12	5	1	1000.06.91.030	50
M6x1.0	3.0	3.5	8	12	5	1	1000.06.91.035	50
M8x1.25	2.5	3.5	11	14	5	1	1000.08.91.035	50
M8x1.25	3.5	5.0	11	14	5	1	1000.08.91.050	50
M10x1.5	3.0	4.0	13	15	5	1	1000.10.91.040	50
M10x1.5	4.0	6.0	13	15	5	1	1000.10.91.060	50
M12x1.5	3.5	5.0	15	17	5	-	1000.12.91.050	50
M12x1.5	5.0	6.5	15	17	5	-	1000.12.91.065	50
M12x1.5	6.5	8.0	15	17	5	-	1000.12.91.080	50
M16x1.5	8.0	10.5	18	22	5	-	1000.17.91.105	50
M20x1.5	11.0	15.0	24	23	6	-	1000.20.91.150	50
M25x1.5	16.0	20.5	30	28	7	-	1000.25.91.205	25
M32x1.5	21.0	25.5	36	28	8	-	1000.32.91.255	25
M40x1.5	28.5	33.0	46	31	8	-	1000.40.91.330	10
M50x1.5	37.0	42.0	55	34	9	-	1000.50.91.420	10
M63x1.5	46.0	52.0	70	37	10	-	1000.63.91.520	5

1=公制粗螺距螺纹 (带VDE测试报告)

1 = Metric coarse-pitch thread (with VDE test report)



Progress MS HT



两件套密封件
 非整体长度绝缘

Two-piece sealing insert
 not overall length insulated

G	> Ø < min mm	> Ø < max mm	> Ø < min mm	> Ø < max mm	mm	H mm	L mm	型号 Art. No.	
M16x1.5	6.0	8.0	8.0	10.5	18	22	5	1000.17.92	50
M20x1.5	8.0	11.0	11.0	15.0	24	23	6	1000.20.92	50
M25x1.5	12.5	16.0	16.0	20.5	30	28	7	1000.25.92	25
M32x1.5	17.0	21.0	21.0	25.5	36	28	8	1000.32.92	25
M40x1.5	24.0	28.5	28.5	33.0	46	31	8	1000.40.92	10
M50x1.5	33.0	37.0	37.0	42.0	55	34	9	1000.50.92	10
M63x1.5	40.0	46.0	46.0	52.0	70	37	10	1000.63.92	5

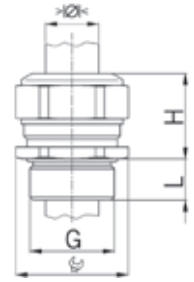
Progress® 黄铜镀镍高温电缆接头

Cable glands Progress® nickel-plated brass for high temperature applications

公制长螺纹 | Long entry thread metric

材质: 黄铜镀镍
 密封件: FPM
 O型圈: FPM
 应力消除: 根据EN62444版本A
 温度范围: -40°C / +200°C
 防护等级: IP68 (不超过10 bar)
 IP69

Material: Nickel-plated brass
 Seal: FPM
 O-ring: FPM
 Strain relief: Version A acc. to EN 62444
 Temperature range: -40°C / +200°C
 Protection class: IP 68 (up to 10 bar)
 Further protection: IP 69



Progress MS HT



单体密封件
 非整体长度绝缘

One-piece sealing insert
 not overall length insulated

G	> Ø < min mm	> Ø < max mm	mm	H mm	L mm	i info	型号 Art. No.	
M6x1.0	2.0	2.5	8	12	8	1	1100.06.91.025	50
M6x1.0	2.5	3.0	8	12	8	1	1100.06.91.030	50
M6x1.0	3.0	3.5	8	12	8	1	1100.06.91.035	50
M8x1.25	2.5	3.5	11	14	10	1	1100.08.91.035	50
M8x1.25	3.5	5.0	11	14	10	1	1100.08.91.050	50
M10x1.5	3.0	4.0	13	15	10	1	1100.10.91.040	50
M10x1.5	4.0	6.0	13	15	10	1	1100.10.91.060	50
M12x1.5	3.5	5.0	15	17	10	-	1100.12.91.050	50
M12x1.5	5.0	6.5	15	17	10	-	1100.12.91.065	50
M12x1.5	6.5	8.0	15	17	10	-	1100.12.91.080	50
M16x1.5	8.0	10.5	18	22	10	-	1100.17.91.105	50
M20x1.5	11.0	15.0	24	23	10	-	1100.20.91.150	50
M25x1.5	16.0	20.5	30	28	11	-	1100.25.91.205	25
M32x1.5	21.0	25.5	36	28	13	-	1100.32.91.255	25
M40x1.5	28.5	33.0	46	31	13	-	1100.40.91.330	10
M50x1.5	37.0	42.0	55	34	14	-	1100.50.91.420	10
M63x1.5	46.0	52.0	70	37	14	-	1100.63.91.520	5

1=公制粗螺距螺纹 (带VDE测试报告)

1 = Metric coarse-pitch thread (with VDE test report)



Progress MS HT



两件套密封件
 非整体长度绝缘

Two-piece sealing insert
 not overall length insulated

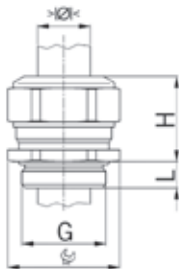
G	> Ø < min mm	> Ø < max mm	> Ø < min mm	> Ø < max mm	mm	H mm	L mm	型号 Art. No.	
M16x1.5	6.0	8.0	8.0	10.5	18	22	10	1100.17.92	50
M20x1.5	8.0	11.0	11.0	15.0	24	23	10	1100.20.92	50
M25x1.5	12.5	16.0	16.0	20.5	30	28	11	1100.25.92	25
M32x1.5	17.0	21.0	21.0	25.5	36	28	13	1100.32.92	25
M40x1.5	24.0	28.5	28.5	33.0	46	31	13	1100.40.92	10
M50x1.5	33.0	37.0	37.0	42.0	55	34	14	1100.50.92	10
M63x1.5	40.0	46.0	46.0	52.0	70	37	14	1100.63.92	5



Progress® 黄铜镀镍高温电缆接头

Cable glands Progress® nickel-plated brass for high temperature applications

Pg短螺纹 | Short entry thread Pg



材质: 黄铜镀镍
 密封件: FPM
 O型圈: FPM
 温度范围: -40°C / +200°C
 防护等级: IP68 (不超过10 bar)
 IP69

Material: Nickel-plated brass
 Seal: FPM
 O-ring: FPM
 Temperature range: -40°C / +200°C
 Protection class: IP 68 (up to 10 bar)
 Further protection: IP 69



Progress MS HT



单体密封件
 非整体长度绝缘

One-piece sealing insert
 not overall length insulated

G	$\begin{matrix} > \text{Ø} < \\ \text{min mm} \end{matrix}$	$\begin{matrix} > \text{Ø} < \\ \text{max mm} \end{matrix}$	$\begin{matrix} \text{mm} \\ \text{mm} \end{matrix}$	H mm	L mm	型号 Art. No.	
Pg 7	3.5	5.0	15	17	6	1000.07.91.050	50
Pg 7	5.0	6.5	15	17	6	1000.07.91.065	50
Pg 7	6.5	8.0	15	17	6	1000.07.91.080	50
Pg 9	8.0	10.5	18	22	6	1000.09.91.105	50
Pg 11	8.5	12.0	21	21	6	1000.11.91.120	50
Pg 13	11.0	15.0	24	23	6	1000.13.91.150	50
Pg 16	11.0	15.0	24	23	6	1000.16.91.150	50
Pg 21	16.0	20.5	30	28	7	1000.21.91.205	25
Pg 29	23.0	27.5	38	28	8	1000.29.91.275	25
Pg 36	30.5	35.0	50	32	8	1000.36.91.350	10
Pg 42	37.0	42.0	55	34	10	1000.42.91.420	10
Pg 48	43.0	49.0	65	37	11	1000.48.91.490	10



Progress MS HT



两件套密封件
 非整体长度绝缘

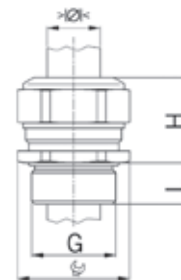
Two-piece sealing insert
 not overall length insulated

G	$\begin{matrix} > \text{Ø} < \\ \text{min mm} \end{matrix}$	$\begin{matrix} > \text{Ø} < \\ \text{max mm} \end{matrix}$	$\begin{matrix} > \text{Ø} < \\ \text{min mm} \end{matrix}$	$\begin{matrix} > \text{Ø} < \\ \text{max mm} \end{matrix}$	$\begin{matrix} \text{mm} \\ \text{mm} \end{matrix}$	H mm	L mm	Art.-Nr. Art. No.	
Pg 9	6.0	8.0	8.0	10.5	18	22	6	1000.09.92	50
Pg 11	5.5	8.5	8.5	12.0	21	21	6	1000.11.92	50
Pg 13	8.0	11.0	11.0	15.0	24	23	6	1000.13.92	50
Pg 16	8.0	11.0	11.0	15.0	24	23	6	1000.16.92	50
Pg 21	12.5	16.0	16.0	20.5	30	28	7	1000.21.92	25
Pg 29	19.0	23.0	23.0	27.5	38	28	8	1000.29.92	25
Pg 36	26.0	30.5	30.5	35.0	50	32	8	1000.36.92	10
Pg 42	33.0	37.0	37.0	42.0	55	34	10	1000.42.92	10
Pg 48	37.0	43.0	43.0	49.0	65	37	11	1000.48.92	10

Pg长螺纹 | Long entry thread Pg

材质: 黄铜镀镍
 密封件: FPM
 O型圈: FPM
 温度范围: -40°C / +200°C
 防护等级: IP68 (不超过10 bar)
 IP69

Material: Nickel-plated brass
 Seal: FPM
 O-ring: FPM
 Temperature range: -40°C / +200°C
 Protection class: IP 68 (up to 10 bar)
 Further protection: IP 69



Progress MS HT



单体密封件
 非整体长度绝缘

One-piece sealing insert
 not overall length insulated

G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	型号 Art. No.	
Pg 7	3.5	5.0	15	17	10	1100.07.91.050	50
Pg 7	5.0	6.5	15	17	10	1100.07.91.065	50
Pg 7	6.5	8.0	15	17	10	1100.07.91.080	50
Pg 9	8.0	10.5	18	22	10	1100.09.91.105	50
Pg 11	8.5	12.0	21	21	10	1100.11.91.120	50
Pg 13	11.0	15.0	24	23	10	1100.13.91.150	50
Pg 16	11.0	15.0	24	23	10	1100.16.91.150	50
Pg 21	16.0	20.5	30	28	12	1100.21.91.205	25
Pg 29	23.0	27.5	38	28	12	1100.29.91.275	25
Pg 36	30.5	35.0	50	32	15	1100.36.91.350	10
Pg 42	37.0	42.0	55	34	15	1100.42.91.420	10
Pg 48	43.0	49.0	65	37	15	1100.48.91.490	10



Progress MS HT



两件套密封件
 非整体长度绝缘

Two-piece sealing insert
 not overall length insulated

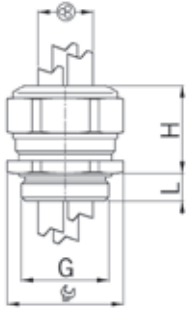
G	>Ø< min mm	>Ø< max mm	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	Art.-Nr. Art. No.	
Pg 9	6.0	8.0	8.0	10.5	18	22	10	1100.09.92	50
Pg 11	5.5	8.5	8.5	12.0	21	21	10	1100.11.92	50
Pg 13	8.0	11.0	11.0	15.0	24	23	10	1100.13.92	50
Pg 16	8.0	11.0	11.0	15.0	24	23	10	1100.16.92	50
Pg 21	12.5	16.0	16.0	20.5	30	28	12	1100.21.92	25
Pg 29	19.0	23.0	23.0	27.5	38	28	12	1100.29.92	25
Pg 36	26.0	30.5	30.5	35.0	50	32	15	1100.36.92	10
Pg 42	33.0	37.0	37.0	42.0	55	34	15	1100.42.92	10
Pg 48	37.0	43.0	43.0	49.0	65	37	15	1100.48.92	10



Progress® 黄铜镀镍电缆接头，适用于安装多根电缆

Cable glands Progress® nickel-plated brass for installation of multiple cables

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
 温度范围: -40°C / +100°C
 防护等级: IP68

Material: Nickel-plated brass
 Seal: TPE
 O-ring: NBR
 Strain relief: Version A acc. to EN 62444
 Temperature range: -40°C / +100°C
 Protection class: IP 68



Progress MS Multi



单体密封件
 非整体长度绝缘

One-piece sealing insert
 not overall length insulated

G	> Ø < min mm	> Ø < max mm	⊗	⊗ mm	H mm	L mm	型号 Art. No.	📦
M16x1.5	2.0	3.0	2	18	22	5	1310.17.2.030	50
M16x1.5	2.5	4.0	2	18	22	5	1310.17.2.040	50
M16x1.5	3.5	5.0	2	18	22	5	1310.17.2.050	50
M20x1.5	3.5	5.0	2	24	23	6	1310.20.2.050	50
M20x1.5	4.5	6.0	2	24	23	6	1310.20.2.060	50
M20x1.5	5.5	7.5	2	24	23	6	1310.20.2.075	50
M20x1.5	3.5	5.0	3	24	23	6	1310.20.3.050	50
M20x1.5	4.5	6.0	3	24	23	6	1310.20.3.060	50
M20x1.5	5.2	6.5	3	24	23	6	1310.20.3.065	50
M20x1.5	3.5	5.0	4	24	23	6	1310.20.4.050	50
M20x1.5	4.5	6.0	4	24	23	6	1310.20.4.060	50
M25x1.5	5.0	7.0	2	30	28	7	1310.25.2.070	25
M25x1.5	6.7	9.0	2	30	28	7	1310.25.2.090	25
M25x1.5	7.7	10.0	2	30	28	7	1310.25.2.100	25
M25x1.5	5.5	7.0	3	30	28	7	1310.25.3.070	25
M25x1.5	6.8	9.0	3	30	28	7	1310.25.3.090	25
M25x1.5	5.5	7.0	4	30	28	7	1310.25.4.070	25
M25x1.5	4.8	6.0	6	30	28	7	1310.25.6.060	25
M32x1.5	9.0	11.5	2	36	28	8	1310.32.2.115	25
M32x1.5	7.0	9.0	3	36	28	8	1310.32.3.090	25
M32x1.5	8.5	10.5	3	36	28	8	1310.32.3.105	25
M32x1.5	7.0	9.0	4	36	28	8	1310.32.4.090	25
M32x1.5	5.8	7.0	6	36	28	8	1310.32.6.070	25

可根据要求提供其他类型和螺纹规格。

Further versions and entry threads are available upon request.

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® 黄铜镀镍电缆接头，适用于安装多根电缆

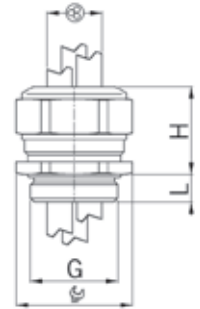
Cable glands Progress® nickel-plated brass for installation of multiple cables

公制长螺纹 | Long 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

Material: Nickel-plated brass
 Seal: TPE
 O-ring: NBR
 Strain relief: Version A acc. to EN 62444
 Temperature range: -40°C / +100°C
 Protection class: IP 68

温度范围: -40°C / +100°C
 防护等级: IP68



Progress MS Multi

单体密封件
 非整体长度绝缘

One-piece sealing insert
 not overall length insulated

G	> Ø < min mm	> Ø < max mm			H mm	L mm	型号 Art. No.	
M16x1.5	2.0	3.0	2	18	22	10	1311.17.2.030	50
M16x1.5	2.5	4.0	2	18	22	10	1311.17.2.040	50
M16x1.5	3.5	5.0	2	18	22	10	1311.17.2.050	50
M20x1.5	3.5	5.0	2	24	23	10	1311.20.2.050	50
M20x1.5	4.5	6.0	2	24	23	10	1311.20.2.060	50
M20x1.5	5.5	7.5	2	24	23	10	1311.20.2.075	50
M20x1.5	3.5	5.0	3	24	23	10	1311.20.3.050	50
M20x1.5	4.5	6.0	3	24	23	10	1311.20.3.060	50
M20x1.5	5.2	6.5	3	24	23	10	1311.20.3.065	50
M20x1.5	3.5	5.0	4	24	23	10	1311.20.4.050	50
M20x1.5	4.5	6.0	4	24	23	10	1311.20.4.060	50
M25x1.5	5.0	7.0	2	30	28	11	1311.25.2.070	25
M25x1.5	6.7	9.0	2	30	28	11	1311.25.2.090	25
M25x1.5	7.7	10.0	2	30	28	11	1311.25.2.100	25
M25x1.5	5.5	7.0	3	30	28	11	1311.25.3.070	25
M25x1.5	6.8	9.0	3	30	28	11	1311.25.3.090	25
M25x1.5	5.5	7.0	4	30	28	11	1311.25.4.070	25
M25x1.5	4.8	6.0	6	30	28	11	1311.25.6.060	25
M32x1.5	9.0	11.5	2	36	28	13	1311.32.2.115	25
M32x1.5	7.0	9.0	3	36	28	13	1311.32.3.090	25
M32x1.5	8.5	10.5	3	36	28	13	1311.32.3.105	25
M32x1.5	7.0	9.0	4	36	28	13	1311.32.4.090	25
M32x1.5	5.8	7.0	6	36	28	13	1311.32.6.070	25



可根据要求提供其他类型和螺纹规格。

Further versions and entry threads are available upon request.

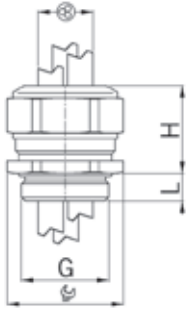
可以选配通过EN45545认证的密封件。采购时需要在型号前加“F”。

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

Progress® 黄铜镀镍电缆接头，适用于安装多根电缆

Cable glands Progress® nickel-plated brass for installation of multiple cables

Pg短螺纹 | Short entry thread Pg



材质: 黄铜镀镍
 密封件: TPE
 O型圈: NBR
 温度范围: -40°C / +100°C
 防护等级: IP68

Material: Nickel-plated brass
 Seal: TPE
 O-ring: NBR
 Temperature range: -40°C / +100°C
 Protection class: IP 68



Progress MS Multi



单体密封件
 非整体长度绝缘

One-piece sealing insert
 not overall length insulated

G	>∅< min mm	>∅< max mm	⊗	⊗ mm	H mm	L mm	型号 Art. No.	📦
Pg 9	2.0	3.0	2	18	22	6.0	1310.09.2.030	50
Pg 9	2.5	4.0	2	18	22	6.0	1310.09.2.040	50
Pg 9	3.5	5.0	2	18	22	6.0	1310.09.2.050	50
Pg 11	3.5	5.0	2	21	21	6.0	1310.11.2.050	50
Pg 11	4.5	6.0	2	21	21	6.0	1310.11.2.060	50
Pg 11	5.5	7.5	2	24	23	6.0	1310.11.2.075	50
Pg 11	3.5	5.0	3	21	21	6.0	1310.11.3.050	50
Pg 13	3.5	5.0	2	24	23	6.0	1310.13.2.050	50
Pg 13	4.5	6.0	2	24	23	6.0	1310.13.2.060	50
Pg 13	5.5	7.5	2	24	23	6.0	1310.13.2.075	50
Pg 13	3.5	5.0	3	24	23	6.0	1310.13.3.050	50
Pg 13	4.5	6.0	3	24	23	6.0	1310.13.3.060	50
Pg 13	5.2	6.5	3	24	23	6.0	1310.13.3.065	50
Pg 13	3.5	5.0	4	24	23	6.0	1310.13.4.050	50
Pg 13	4.5	6.0	4	24	23	6.0	1310.13.4.060	50
Pg 16	3.5	5.0	2	24	23	6.0	1310.16.2.050	50
Pg 16	4.5	6.0	2	24	23	6.0	1310.16.2.060	50
Pg 16	5.5	7.5	2	24	23	6.0	1310.16.2.075	50
Pg 16	6.7	9.0	2	30	28	6.0	1310.16.2.090	25
Pg 16	3.5	5.0	3	24	23	6.0	1310.16.3.050	50
Pg 16	4.5	6.0	3	24	23	6.0	1310.16.3.060	50
Pg 16	5.0	7.0	3	30	28	6.0	1310.16.3.070	25
Pg 16	3.5	5.0	4	24	23	6.0	1310.16.4.050	50
Pg 16	4.5	6.0	4	24	23	6.0	1310.16.4.060	50
Pg 16	5.5	7.0	4	30	28	6.0	1310.16.4.070	25
Pg 21	5.0	7.0	2	30	28	7.5	1310.21.2.070	25
Pg 21	6.7	9.0	2	30	28	7.5	1310.21.2.090	25
Pg 21	7.7	10.0	2	30	28	7.5	1310.21.2.100	25
Pg 21	9.0	11.5	2	36	28	7.5	1310.21.2.115	25
Pg 21	5.5	7.0	3	30	28	7.5	1310.21.3.070	25
Pg 21	6.8	9.0	3	30	28	7.5	1310.21.3.090	25
Pg 21	8.5	10.5	3	36	28	7.5	1310.21.3.105	25
Pg 21	5.5	7.0	4	30	28	7.5	1310.21.4.070	25
Pg 21	7.0	9.0	4	36	28	7.5	1310.21.4.090	25
Pg 21	4.8	6.0	6	30	28	7.5	1310.21.6.060	25
Pg 21	5.8	7.0	6	36	28	7.5	1310.21.6.070	25
Pg 29	7.5	9.0	3	38	28	8.0	1310.29.3.090	25

可根据要求提供其他类型和螺纹规格。

Further versions and entry threads are available upon request.

可以选配通过EN45545认证的密封件。
 采购时需要在型号前加“F”。

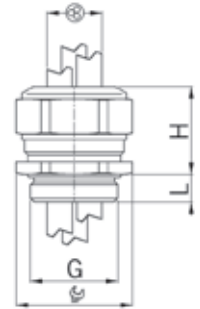
Available with sealing inserts conformity with EN 45545.
 When placing an inquiry, prefix the article number by the capital F.

Progress® 黄铜镀镍电缆接头，适用于安装多根电缆 Cable glands Progress® nickel-plated brass for installation of multiple cables

Pg长螺纹 | Long entry thread Pg

材质: 黄铜镀镍
密封件: TPE
O型圈: NBR
温度范围: -40°C / +100°C
防护等级: IP68

Material: Nickel-plated brass
Seal: TPE
O-ring: NBR
Temperature range: -40°C / +100°C
Protection class: IP 68



Progress MS Multi

单体密封件 非整体长度绝缘							One-piece sealing insert not overall length insulated		
G	>Ø< min mm	>Ø< max mm			H mm	L mm	型号 Art. No.		
Pg 9	2.0	3.0	2	18	22	10	1311.09.2.030	50	
Pg 9	2.5	4.0	2	18	22	10	1311.09.2.040	50	
Pg 9	3.5	5.0	2	18	22	10	1311.09.2.050	50	
Pg 11	3.5	5.0	2	21	21	10	1311.11.2.050	50	
Pg 11	4.5	6.0	2	21	21	10	1311.11.2.060	50	
Pg 11	5.5	7.5	2	24	23	10	1311.11.2.075	50	
Pg 11	3.5	5.0	3	21	21	10	1311.11.3.050	50	
Pg 13	3.5	5.0	2	24	23	10	1311.13.2.050	50	
Pg 13	4.5	6.0	2	24	23	10	1311.13.2.060	50	
Pg 13	5.5	7.5	2	24	23	10	1311.13.2.075	50	
Pg 13	3.5	5.0	3	24	23	10	1311.13.3.050	50	
Pg 13	4.5	6.0	3	24	23	10	1311.13.3.060	50	
Pg 13	5.2	6.5	3	24	23	10	1311.13.3.065	50	
Pg 13	3.5	5.0	4	24	23	10	1311.13.4.050	50	
Pg 13	4.5	6.0	4	24	23	10	1311.13.4.060	50	
Pg 16	3.5	5.0	2	24	23	10	1311.16.2.050	50	
Pg 16	4.5	6.0	2	24	23	10	1311.16.2.060	50	
Pg 16	5.5	7.5	2	24	23	10	1311.16.2.075	50	
Pg 16	6.7	9.0	2	30	28	10	1311.16.2.090	25	
Pg 16	3.5	5.0	3	24	23	10	1311.16.3.050	50	
Pg 16	4.5	6.0	3	24	23	10	1311.16.3.060	50	
Pg 16	5.0	7.0	3	30	28	10	1311.16.3.070	25	
Pg 16	3.5	5.0	4	24	23	10	1311.16.4.050	50	
Pg 16	4.5	6.0	4	24	23	10	1311.16.4.060	50	
Pg 16	5.5	7.0	4	30	28	10	1311.16.4.070	25	
Pg 21	5.0	7.0	2	30	28	12	1311.21.2.070	25	
Pg 21	6.7	9.0	2	30	28	12	1311.21.2.090	25	
Pg 21	7.7	10.0	2	30	28	12	1311.21.2.100	25	
Pg 21	9.0	11.5	2	36	28	12	1311.21.2.115	25	
Pg 21	5.5	7.0	3	30	28	12	1311.21.3.070	25	
Pg 21	6.8	9.0	3	30	28	12	1311.21.3.090	25	
Pg 21	8.5	10.5	3	36	28	12	1311.21.3.105	25	
Pg 21	5.5	7.0	4	30	28	12	1311.21.4.070	25	
Pg 21	7.0	9.0	4	36	28	12	1311.21.4.090	25	
Pg 21	4.8	6.0	6	30	28	12	1311.21.6.060	25	
Pg 21	5.8	7.0	6	36	28	12	1311.21.6.070	25	
Pg 29	7.5	9.0	3	38	28	12	1311.29.3.090	25	



可根据要求提供其他类型和螺纹规格。

Further versions and entry threads are available upon request.

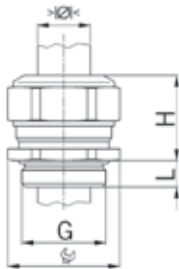
可以选配通过EN45545认证的密封件。采购时需要在型号前加“F”。

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

Progress® 黄铜镀镍带实心密封件电缆接头

Cable glands Progress® nickel-plated brass with sealing insert without drilled hole

公制短螺纹 | Short entry thread metric



材质: 黄铜镀镍
 密封件: NBR, 无开孔
 O型圈: NBR
 温度范围: -40°C / +100°C
 防护等级: IP68 (不超过10 bar)
 IP69

Material: Nickel-plated brass
 Seal: NBR, without drilled hole
 O-ring: NBR
 Temperature range: -40°C / +100°C
 Protection class: IP 68 (up to 10 bar)
 Further protection: IP 69



Progress MS NBR

单体实心密封件
 非整体长度绝缘

One-piece solid sealing insert
 not overall length insulated

G	> Ø < max mm	mm	H mm	L mm	i info	型号 Art. No.	
M6x1.0	3.5	8	12	5	1	1000.06.30	50
M8x1.25	5.0	11	14	5	1	1000.08.30	50
M10x1.5	6.0	13	15	5	1	1000.10.30	50
M12x1.5	8.0	15	17	5	-	1000.12.30	50
M16x1.5	10.5	18	22	5	-	1000.17.30	50
M20x1.5	15.0	24	23	6	-	1000.20.30	50
M25x1.5	20.5	30	28	7	-	1000.25.30	25
M32x1.5	25.5	36	28	8	-	1000.32.30	25
M40x1.5	33.0	46	31	8	-	1000.40.30	10
M50x1.5	42.0	55	34	9	-	1000.50.30	10
M63x1.5	52.0	70	37	10	-	1000.63.30	5

1=公制粗螺距螺纹

1 = Metric coarse-pitch thread

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.

技术注解

Technical note

将密封件冷却到零下25°C以下时，易于在密封件上开孔。

When frozen to at least -25°C, the solid sealing inserts are easy to drill.

Pg短螺纹 | Short entry thread Pg



Progress MS NBR

单体实心密封件
 非整体长度绝缘

One-piece solid sealing insert
 not overall length insulated

G	> Ø < max mm	mm	H mm	L mm	型号 Art. No.	
Pg 7	8.0	15	17	6.0	1000.07.30	50
Pg 9	10.5	18	22	6.0	1000.09.30	50
Pg 11	12.0	21	21	6.0	1000.11.30	50
Pg 11	15.0	24	23	6.0	1000.11.20.30	50
Pg 13	15.0	24	23	6.0	1000.13.30	50
Pg 16	15.0	24	23	6.0	1000.16.30	50
Pg 16	18.5	30	28	6.0	1000.16.25.30	25
Pg 21	20.5	30	28	7.5	1000.21.30	25
Pg 21	23.0	36	28	7.5	1000.21.32.30	25
Pg 29	27.5	38	28	8.0	1000.29.30	25
Pg 29	33.0	46	31	8.0	1000.29.40.30	25
Pg 36	35.0	50	32	8.0	1000.36.30	10
Pg 36	42.0	55	34	8.0	1000.36.50.30	10
Pg 42	42.0	55	34	10.0	1000.42.30	10
Pg 48	49.0	65	37	11.0	1000.48.30	10

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.

技术注解

Technical note

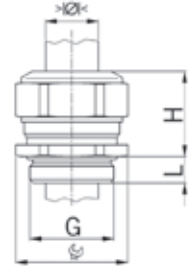
将密封件冷却到零下25°C以下时，易于在密封件上开孔。

When frozen to at least -25°C, the solid sealing inserts are easy to drill.

公制短螺纹 | Short entry thread metric

材质: 黄铜镀镍
 密封件: FPM, 无开孔
 O型圈: FPM
 温度范围: -40°C / +200°C
 防护等级: IP68 (不超过10 bar)
 IP69

Material: Nickel-plated brass
 Seal: FPM, without drilled hole
 O-ring: FPM
 Temperature range: -40°C / +200°C
 Protection class: IP 68 (up to 10 bar)
 Further protection: IP 69



Progress MS FPM



高温应用
 单体实心密封件
 非整体长度绝缘d

For high temperature applications
 One-piece solid sealing insert
 not overall length insulated

G	>Ø< max mm	mm	H mm	L mm	i info	型号 Art. No.	
M6x1.0	3.5	8	12	5	1	1000.06.30.91	50
M8x1.25	5.0	11	14	5	1	1000.08.30.91	50
M10x1.5	6.0	13	15	5	1	1000.10.30.91	50
M12x1.5	8.0	15	17	5	-	1000.12.30.91	50
M16x1.5	10.5	18	22	5	-	1000.17.30.91	50
M20x1.5	15.0	24	23	6	-	1000.20.30.91	50
M25x1.5	20.5	30	28	7	-	1000.25.30.91	25
M32x1.5	25.5	36	28	8	-	1000.32.30.91	25
M40x1.5	33.0	46	31	8	-	1000.40.30.91	10
M50x1.5	42.0	55	34	9	-	1000.50.30.91	10
M63x1.5	52.0	70	37	10	-	1000.63.30.91	5



1=公制粗螺距螺纹

1 = Metric coarse-pitch thread

技术注解

Technical note

将密封件冷却到零下25°C以下时，易于在密封件上开孔。

When frozen to at least -25°C, the solid sealing inserts are easy to drill.

Pg短螺纹 | Short entry thread Pg

Progress MS FPM



高温应用
 单体实心密封件
 非整体长度绝缘d

For high temperature applications
 One-piece solid sealing insert
 not overall length insulated

G	>Ø< max mm	mm	H mm	L mm	型号 Art. No.	
Pg 7	8.0	15	17	6.0	1000.07.30.91	50
Pg 9	10.5	18	22	6.0	1000.09.30.91	50
Pg 11	12.0	21	21	6.0	1000.11.30.91	50
Pg 11	15.0	24	23	6.0	1000.11.20.30.91	50
Pg 13	15.0	24	23	6.0	1000.13.30.91	50
Pg 16	15.0	24	23	6.0	1000.16.30.91	50
Pg 16	18.5	30	28	6.0	1000.16.25.30.91	25
Pg 21	20.5	30	28	7.5	1000.21.30.91	25
Pg 21	23.0	36	28	7.5	1000.21.32.30.91	25
Pg 29	27.5	38	28	8.0	1000.29.30.91	25
Pg 29	33.0	46	31	8.0	1000.29.40.30.91	25
Pg 36	35.0	50	32	8.0	1000.36.30.91	10
Pg 36	42.0	55	34	8.0	1000.36.50.30.91	10
Pg 42	42.0	55	34	10.0	1000.42.30.91	10
Pg 48	49.0	65	37	11.0	1000.48.30.91	10



技术注解

Technical note

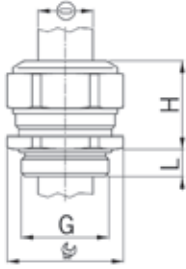
将密封件冷却到零下25°C以下时，易于在密封件上开孔。

When frozen to at least -25°C, the solid sealing inserts are easy to drill.

Progress® 黄铜镀镍电缆接头, 适用于扁平电缆

Cable glands Progress® nickel-plated brass for flat cables

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
 温度范围: -40°C / +100°C
 防护等级: IP68

Material: Nickel-plated brass
 Seal: TPE
 O-ring: NBR
 Strain relief: Version A acc. to EN 62444
 Temperature range: -40°C / +100°C
 Protection class: IP 68



Progress MS FK

单体密封件
 非整体长度绝缘

One-piece sealing insert
 not overall length insulated

G	min mm	max mm	mm	H mm	L mm	型号 Art. No.	包装
M16x1.5	7.3x2.5	9.0x4.2	18	22	5	1300.17.090.042	50
M20x1.5	10.5x2.5	13.0x5.0	24	23	6	1300.20.130.050	50
M20x1.5	12.5x2.5	15.0x5.0	24	23	6	1300.20.150.050	50
M25x1.5	16.0x4.0	19.0x7.0	30	28	7	1300.25.190.070	25
M32x1.5	19.0x3.0	22.0x6.0	36	28	8	1300.32.220.060	25
M32x1.5	19.0x5.0	22.0x8.0	36	28	8	1300.32.220.080	25
M40x1.5	23.0x4.0	26.0x7.0	46	31	8	1300.40.260.070	10
M40x1.5	23.5x6.0	26.5x9.0	46	31	8	1300.40.265.090	10
M40x1.5	25.0x3.0	28.0x6.0	46	31	8	1300.40.280.060	10
M40x1.5	27.0x7.0	30.0x10.0	46	31	8	1300.40.300.100	10
M40x1.5	29.0x6.0	32.0x9.0	46	31	8	1300.40.320.090	10
M40x1.5	30.0x3.5	33.0x6.5	46	31	8	1300.40.330.065	10
M50x1.5	31.0x8.5	34.0x11.5	55	34	9	1300.50.340.115	10
M50x1.5	34.0x4.0	37.0x7.0	55	34	9	1300.50.370.070	10
M50x1.5	36.5x2.5	40.0x6.0	55	34	9	1300.50.400.060	10
M50x1.5	36.5x10.0	40.0x13.5	55	34	9	1300.50.400.135	10
M50x1.5	38.5x10.5	42.0x14.0	55	34	9	1300.50.420.140	10
M63x1.5	42.0x10.0	46.0x14.0	70	37	10	1300.63.460.140	5
M63x1.5	42.5x2.0	46.5x6.0	70	37	10	1300.63.465.060	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.

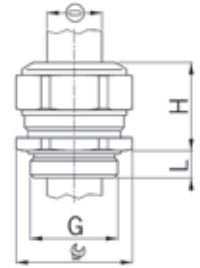


Progress® 黄铜镀镍电缆接头, 适用于扁平电缆 Cable glands Progress® nickel-plated brass for flat cables

公制长螺纹 | Long 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
温度范围: -40°C / +100°C
防护等级: IP68





Material: Nickel-plated brass
Seal: TPE
O-ring: NBR
Strain relief: Version A acc. to EN 62444
Temperature range: -40°C / +100°C
Protection class: IP 68



Progress MS FK

单体密封件
非整体长度绝缘

One-piece sealing insert
not overall length insulated

G	 min mm	 max mm	 mm	H mm	L mm	型号 Art. No.	
M16x1.5	7.3x2.5	9.0x4.2	18	22	10	1301.17.090.042	50
M20x1.5	10.5x2.5	13.0x5.0	24	23	10	1301.20.130.050	50
M20x1.5	12.5x2.5	15.0x5.0	24	23	10	1301.20.150.050	50
M25x1.5	16.0x4.0	19.0x7.0	30	28	11	1301.25.190.070	25
M32x1.5	19.0x3.0	22.0x6.0	36	28	13	1301.32.220.060	25
M32x1.5	19.0x5.0	22.0x8.0	36	28	13	1301.32.220.080	25
M40x1.5	23.0x4.0	26.0x7.0	46	31	13	1301.40.260.070	10
M40x1.5	23.5x6.0	26.5x9.0	46	31	13	1301.40.265.090	10
M40x1.5	25.0x3.0	28.0x6.0	46	31	13	1301.40.280.060	10
M40x1.5	27.0x7.0	30.0x10.0	46	31	13	1301.40.300.100	10
M40x1.5	29.0x6.0	32.0x9.0	46	31	13	1301.40.320.090	10
M40x1.5	30.0x3.5	33.0x6.5	46	31	13	1301.40.330.065	10
M50x1.5	31.0x8.5	34.0x11.5	55	34	14	1301.50.340.115	10
M50x1.5	34.0x4.0	37.0x7.0	55	34	14	1301.50.370.070	10
M50x1.5	36.5x2.5	40.0x6.0	55	34	14	1301.50.400.060	10
M50x1.5	36.5x10.0	40.0x13.5	55	34	14	1301.50.400.135	10
M50x1.5	38.5x10.5	42.0x14.0	55	34	14	1301.50.420.140	10
M63x1.5	42.0x10.0	46.0x14.0	70	37	14	1301.63.460.140	5
M63x1.5	42.5x2.0	46.5x6.0	70	37	14	1301.63.465.060	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”。

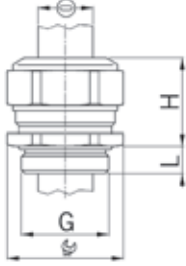
Available with sealing inserts conformity with EN 45545.
When placing an inquiry, prefix the article number by the capital F.



Progress® 黄铜镀镍电缆接头，适用于扁平电缆

Cable glands Progress® nickel-plated brass for flat cables

Pg短螺纹 | Short entry thread Pg



材质: 黄铜镀镍
 密封件: TPE
 O型圈: NBR
 温度范围: -40°C / +100°C
 防护等级: IP68

Material: Nickel-plated brass
 Seal: TPE
 O-ring: NBR
 Temperature range: -40°C / +100°C
 Protection class: IP 68



Progress MS FK

单体密封件
 非整体长度绝缘

One-piece sealing insert
 not overall length insulated

G	min mm	max mm	mm	H mm	L mm	型号 Art. No.	
Pg 9	7.3x2.5	9.0x4.2	18	22	6.0	1300.09.090.042	50
Pg 13	10.5x2.5	13.0x5.0	24	23	6.0	1300.13.130.050	50
Pg 13	12.5x2.5	15.0x5.0	24	23	6.0	1300.13.150.050	50
Pg 16	10.5x2.5	13.0x5.0	24	23	6.0	1300.16.130.050	50
Pg 16	12.5x2.5	15.0x5.0	24	23	6.0	1300.16.150.050	50
Pg 21	16.0x4.0	19.0x7.0	30	28	7.5	1300.21.190.070	25
Pg 21	19.0x3.0	22.0x6.0	36	28	7.5	1300.21.220.060	25
Pg 21	19.0x5.0	22.0x8.0	36	28	7.5	1300.21.220.080	25
Pg 29	23.0x4.0	26.0x7.0	46	31	8.0	1300.29.260.070	25
Pg 29	23.5x6.0	26.5x9.0	46	31	8.0	1300.29.265.090	25
Pg 29	25.0x3.0	28.0x6.0	46	31	8.0	1300.29.280.060	25
Pg 29	27.0x7.0	30.0x10.0	46	31	8.0	1300.29.300.100	25
Pg 29	29.0x6.0	32.0x9.0	46	31	8.0	1300.29.320.090	25
Pg 29	30.0x3.5	33.0x6.5	46	31	8.0	1300.29.330.065	25
Pg 42	31.0x8.5	34.0x11.5	55	34	10.0	1300.42.340.115	10
Pg 42	34.0x4.0	37.0x7.0	55	34	10.0	1300.42.370.070	10
Pg 42	36.5x2.5	40.0x6.0	55	34	10.0	1300.42.400.060	10
Pg 42	36.5x10.0	40.0x13.5	55	34	10.0	1300.42.400.135	10
Pg 42	38.5x10.5	42.0x14.0	55	34	10.0	1300.42.420.140	10
Pg 48	42.0x10.0	46.0x14.0	65	37	11.0	1300.48.460.140	10
Pg 48	42.5x2.0	46.5x6.0	65	37	11.0	1300.48.465.060	10

Pg长螺纹 | Long entry thread Pg



Progress MS FK

单体密封件
 非整体长度绝缘

One-piece sealing insert
 not overall length insulated

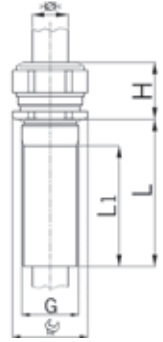
G	min mm	max mm	mm	H mm	L mm	型号 Art. No.	
Pg 9	7.3x2.5	9.0x4.2	18	22	10	1301.09.090.042	50
Pg 13	10.5x2.5	13.0x5.0	24	23	10	1301.13.130.050	50
Pg 13	12.5x2.5	15.0x5.0	24	23	10	1301.13.150.050	50
Pg 16	10.5x2.5	13.0x5.0	24	23	10	1301.16.130.050	50
Pg 16	12.5x2.5	15.0x5.0	24	23	10	1301.16.150.050	50
Pg 21	16.0x4.0	19.0x7.0	30	28	12	1301.21.190.070	25
Pg 21	19.0x3.0	22.0x6.0	36	28	12	1301.21.220.060	25
Pg 21	19.0x5.0	22.0x8.0	36	28	12	1301.21.220.080	25
Pg 29	23.0x4.0	26.0x7.0	46	31	12	1301.29.260.070	25
Pg 29	23.5x6.0	26.5x9.0	46	31	12	1301.29.265.090	25
Pg 29	25.0x3.0	28.0x6.0	46	31	12	1301.29.280.060	25
Pg 29	27.0x7.0	30.0x10.0	46	31	12	1301.29.300.100	25
Pg 29	29.0x6.0	32.0x9.0	46	31	12	1301.29.320.090	25
Pg 29	30.0x3.5	33.0x6.5	46	31	12	1301.29.330.065	25
Pg 42	31.0x8.5	34.0x11.5	55	34	15	1301.42.340.115	10
Pg 42	34.0x4.0	37.0x7.0	55	34	15	1301.42.370.070	10
Pg 42	36.5x2.5	40.0x6.0	55	34	15	1301.42.400.060	10
Pg 42	36.5x10.0	40.0x13.5	55	34	15	1301.42.400.135	10
Pg 42	38.5x10.5	42.0x14.0	55	34	15	1301.42.420.140	10
Pg 48	42.0x10.0	46.0x14.0	65	37	15	1301.48.460.140	10
Pg 48	42.5x2.0	46.5x6.0	65	37	15	1301.48.465.060	10

Progress® 黄铜镀镍特殊螺纹电缆接头 Cable glands Progress® nickel-plated brass with special entry thread

公制加长螺纹 | Extra-long 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
温度范围: -40°C / +100°C
防护等级: IP68 (不超过10 bar)
IP69

Material: Nickel-plated brass
Seal: TPE
O-ring: NBR
Strain relief: Version A acc. to EN 62444
Temperature range: -40°C / +100°C
Protection class: IP 68 (up to 10 bar)
Further protection: IP 69



Progress MS L

两件套密封件
非整体长度绝缘

Two-piece sealing insert
not overall length insulated

G	> Ø < min mm	> Ø < max mm	> Ø < min mm	> Ø < max mm	mm	H mm	L1 mm	L mm	型号 Art. No.	
M16x1.5	6.0	8.0	8.0	10.5	24/18	22	40	50	1100.17.50	10
M16x1.5	6.0	8.0	8.0	10.5	24/18	22	60	100	1100.17.51	10
M20x1.5	8.0	11.0	11.0	15.0	30/24	23	40	50	1100.20.50	10
M20x1.5	8.0	11.0	11.0	15.0	30/24	23	60	100	1100.20.51	10
M25x1.5	12.5	16.0	16.0	20.5	36/30	28	40	50	1100.25.50	10
M25x1.5	12.5	16.0	16.0	20.5	36/30	28	60	100	1100.25.51	10
M32x1.5	17.0	21.0	21.0	25.5	46/36	28	40	50	1100.32.50	10
M32x1.5	17.0	21.0	21.0	25.5	46/36	28	60	100	1100.32.51	10
M40x1.5	24.0	28.5	28.5	33.0	55/46	31	40	50	1100.40.50	10

可根据要求提供更多尺寸

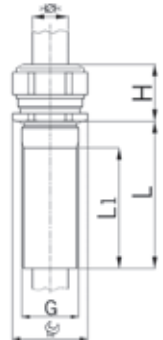
Further dimensions upon request



Pg加长螺纹 | Specially long entry thread Pg

材质: 黄铜镀镍
密封件: TPE
O型圈: NBR
温度范围: -40°C / +100°C
防护等级: IP68 (不超过10 bar)
IP69

Material: Nickel-plated brass
Seal: TPE
O-ring: NBR
Temperature range: -40°C / +100°C
Protection class: IP 68 (up to 10 bar)
Further protection: IP 69



Progress MS L

两件套密封件
非整体长度绝缘

Two-piece sealing insert
not overall length insulated

G	> Ø < min mm	> Ø < max mm	> Ø < min mm	> Ø < max mm	mm	H mm	L1 mm	L mm	型号 Art. No.	
Pg 11	5.5	8.5	8.5	12.0	27/21	21	40	50	1100.11.50	10
Pg 13	8.0	11.0	11.0	15.0	30/24	23	40	50	1100.13.50	10
Pg 16	8.0	11.0	11.0	15.0	30/24	23	40	50	1100.16.50	10
Pg 21	12.5	16.0	16.0	20.5	38/30	28	40	50	1100.21.50	10
Pg 29	19.0	23.0	23.0	27.5	46/38	28	40	50	1100.29.50	10

可根据要求提供更多尺寸

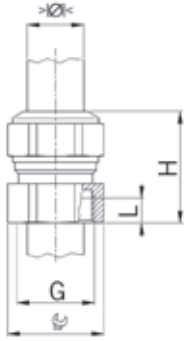
Further dimensions upon request



Progress® 黄铜镀镍特殊螺纹电缆接头

Cable glands Progress® nickel-plated brass with special entry thread

公制内螺纹 | With inner thread metric



材质: 黄铜镀镍
 密封件: TPE
 应力消除: 根据EN62444版本A
 温度范围: -40°C / +100°C
 防护等级: 若螺纹经过有效密封, 防护等级可达IP68
 IP69

Material: Nickel-plated brass
 Seal: TPE
 Strain relief: Version A acc. to EN 62444
 Temperature range: -40°C / +100°C
 Protection class: IP 68, if the entry thread is sealed
 Further protection: IP 69



Progress MS IG

公制内螺纹
 两件套密封件
 非整体长度绝缘

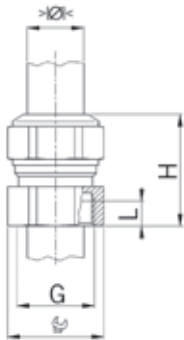
Internal thread metric
 Two-piece sealing insert
 not overall length insulated

G	> Ø < min mm	> Ø < max mm	> Ø < min mm	> Ø < max mm	mm	H mm	L mm	型号 Art. No.	
M16x1.5	6.0	8.0	8.0	10.5	18	28	6	1400.17	25
M20x1.5	8.0	11.0	11.0	15.0	24	31	6	1400.20	25
M25x1.5	12.5	16.0	16.0	20.5	30	40	10	1400.25	25

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制内螺纹 | With inner thread Pg



材质: 黄铜镀镍
 密封件: TPE
 温度范围: -40°C / +100°C
 防护等级: 若螺纹经过有效密封, 防护等级可达IP68
 IP69

Material: Nickel-plated brass
 Seal: TPE
 Temperature range: -40°C / +100°C
 Protection class: IP 68, if the entry thread is sealed
 Further protection: IP 69



Progress MS IG

PG制内螺纹
 两件套密封件
 非整体长度绝缘

Internal thread Pg
 Two-piece sealing insert
 not overall length insulated

G	> Ø < min mm	> Ø < max mm	> Ø < min mm	> Ø < max mm	mm	H mm	L mm	型号 Art. No.	
Pg 11	5.5	8.5	8.5	12.0	21	28	6	1400.11	25
Pg 16	8.0	11.0	11.0	15.0	24	31	6	1400.16	25
Pg 21	12.5	16.0	16.0	20.5	30	40	10	1400.21	25

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® 黄铜镀镍带防扭曲管电缆接头 Cable glands Progress® nickel-plated brass with anti-kink spring

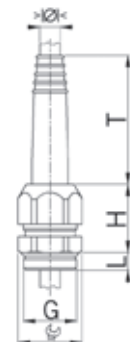
公制短螺纹 | Short entry thread metric

Progress® 黄铜镀镍带防扭曲管电缆接头

材质:	黄铜镀镍
密封件:	NBR
O型圈:	NBR
防扭曲管:	EPDM
应力消除:	根据EN62444版本A
温度范围:	-40°C / +100°C
防护等级:	IP68 IP69

Cable glands Progress® nickel-plated brass with anti-kink nozzle EPDM

Material:	Nickel-plated brass
Seal:	NBR
O-ring:	NBR
antikink nozzle:	EPDM
Strain relief:	Version A acc. to EN 62444
Temperature range:	-40°C / +100°C
Protection class:	IP 68
Further protection:	IP 69



单体密封件 非整体长度绝缘

One-piece sealing insert
not overall length insulated

G	>Ø< min mm	>Ø< max mm	mm	H mm	T mm	L mm	i info	型号 Art. No.	
M8x1.25	3.8	4.8	11	12	25	6	1	1008.52	50
M10x1.5	4.0	6.0	16	20	35	6	1	1010.52	50
M12x1.5	4.0	6.0	16	20	35	6	-	1012.52	50
M16x1.5	6.0	8.8	20	24	45	6	-	1017.52	50
M20x1.5	9.0	11.0	24	28	65	6	-	1020.51	25
M20x1.5	10.5	13.0	24	28	73	6	-	1020.52	25
M25x1.5	13.0	16.5	32	33	92	7	-	1025.52	10

1=公制粗螺距螺纹 (带VDE测试报告)

1 = Metric coarse-pitch thread (with VDE test report)



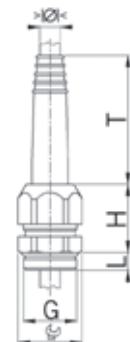
Pg短螺纹 | Short entry thread Pg

Progress® 黄铜镀镍带防扭曲管电缆接头

材质:	黄铜镀镍
密封件:	NBR
O型圈:	NBR
防扭曲管:	EPDM
温度范围:	-40°C / +100°C
防护等级:	IP68 IP69

Cable glands Progress® nickel-plated brass with anti-kink nozzle EPDM

Material:	Nickel-plated brass
Seal:	NBR
O-ring:	NBR
antikink nozzle:	EPDM
Temperature range:	-40°C / +100°C
Protection class:	IP 68
Further protection:	IP 69



单体密封件 非整体长度绝缘

One-piece sealing insert
not overall length insulated

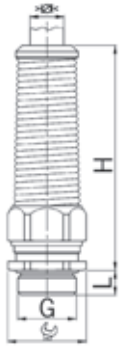
G	>Ø< min mm	>Ø< max mm	mm	H mm	T mm	L mm	型号 Art. No.	
Pg 7	4.0	6.0	16	20	35	6	1007.52	50
Pg 9	6.0	8.8	20	24	45	6	1009.52	50
Pg 11	6.0	8.8	20	24	45	6	1011.52	50
Pg 13	9.0	11.0	24	28	65	6	1013.51	25
Pg 13	10.5	13.0	24	28	73	6	1013.52	25
Pg 16	9.0	11.0	24	28	65	6	1016.51	25
Pg 16	10.5	13.0	24	28	73	6	1016.52	25
Pg 21	13.0	16.5	32	33	92	7.5	1021.51	10



Progress® 黄铜镀镍带防扭曲管电缆接头

Cable glands Progress® nickel-plated brass with anti-kink spring

公制短螺纹 | Short entry thread metric



材质: 黄铜镀镍
 防扭曲弹簧: 不锈钢A2
 密封件: TPE
 O型圈: NBR
 应力消除: 根据EN62444版本A
 温度范围: -40°C / +100°C
 防护等级: IP68 (不超过10 bar)
 IP69

Material: Nickel-plated brass
 Antikink spring: Stainless steel A2
 Seal: TPE
 O-ring: NBR
 Strain relief: Version A acc. to EN 62444
 Temperature range: -40°C / +100°C
 Protection class: IP 68 (up to 10 bar)
 Further protection: IP 69



Progress MS FKN

单体密封件
 整体长度绝缘

One-piece sealing insert
 overall length insulated



G	> Ø < min mm	> Ø < max mm	mm	H mm	L mm	i info	型号 Art. No.	
M8x1.25	2.5	3.0	11	49	5	1	1060.08.52.030	10
M8x1.25	3.5	4.0	11	49	5	1	1060.08.52.040	10
M10x1.5	3.0	4.0	13	52	5	1	1060.10.52.040	10
M10x1.5	4.0	6.0	13	52	5	1	1060.10.52.060	10
M12x1.5	3.5	5.0	15	57	5	-	1060.12.52.050	10
M12x1.5	5.0	6.5	15	57	5	-	1060.12.52.065	10
M12x1.5	6.5	7.5	15	57	5	-	1060.12.52.075	10
M16x1.5	4.5	6.0	18	66	5	-	1060.17.52.060	10
M16x1.5	6.0	8.0	18	66	5	-	1060.17.52.080	10
M16x1.5	8.0	10.5	18	66	5	-	1060.17.52.105	10
M20x1.5	6.0	8.0	24	86	6	-	1060.20.52.080	10
M20x1.5	8.0	11.0	24	86	6	-	1060.20.52.110	10
M20x1.5	11.0	14.5	24	86	6	-	1060.20.52.145	10
M25x1.5	9.5	12.5	30	99	7	-	1060.25.52.125	10
M25x1.5	12.5	16.0	30	99	7	-	1060.25.52.160	10
M25x1.5	16.0	19.0	30	99	7	-	1060.25.52.190	10
M32x1.5	17.0	21.0	36	109	8	-	1060.32.52.210	5
M32x1.5	21.0	24.5	36	109	8	-	1060.32.52.245	5

1=公制粗螺距螺纹 (带VDE测试报告)

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.

可根据要求提供

Available on request:

短螺纹, 带单体或两件套短密封件。

- Short entry thread with short one-piece or two-piece sealing insert.

长螺纹, 带单体或两件套的短的或者整体长度绝缘的密封件。

- Long entry thread with short or full-length insulating one-piece or two-piece sealing insert.

Progress MS FKN

两件套密封件
 整体长度绝缘

Two-piece sealing insert
 overall length insulated



G	> Ø < min mm	> Ø < max mm	> Ø < min mm	> Ø < max mm	mm	H mm	L mm	型号 Art. No.	
M16x1.5	6.0	8.0	8.0	10.5	18	66	5	1060.17.52	10
M20x1.5	8.0	11.0	11.0	14.5	24	86	6	1060.20.52	10
M25x1.5	12.5	16.0	16.0	19.0	30	99	7	1060.25.52	10
M32x1.5	17.0	20.0	20.0	24.5	36	109	8	1060.32.52	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.

可根据要求提供

Available on request:

短螺纹, 带单体或两件套短密封件。

- Short entry thread with short one-piece or two-piece sealing insert.

长螺纹, 带单体或两件套的短的或者整体长度绝缘的密封件。

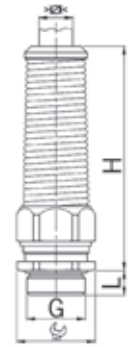
- Long entry thread with short or full-length insulating one-piece or two-piece sealing insert.

Progress® 黄铜镀镍带防扭曲管电缆接头 Cable glands Progress® nickel-plated brass with anti-kink spring

Pg短螺纹 | Short entry thread Pg

材质: 黄铜镀镍
防扭曲弹簧: 不锈钢A2
密封件: TPE
O型圈: NBR
温度范围: -40°C / +100°C
防护等级: IP68 (不超过10 bar)
IP69

Material: Nickel-plated brass
Antikink spring: Stainless steel A2
Seal: TPE
O-ring: NBR
Temperature range: -40°C / +100°C
Protection class: IP 68 (up to 10 bar)
Further protection: IP 69



Progress MS FKN



单体密封件 整体长度绝缘						One-piece sealing insert overall length insulated	
G	> Ø < min mm	> Ø < max mm	mm	H mm	L mm	型号 Art. No.	
Pg 7	3.5	5.0	15	57	6	1060.07.52.050	10
Pg 7	5.0	6.5	15	57	6	1060.07.52.065	10
Pg 7	6.5	7.5	15	57	6	1060.07.52.075	10
Pg 9	4.5	6.0	18	66	6	1060.09.52.060	10
Pg 9	6.0	8.0	18	66	6	1060.09.52.080	10
Pg 9	8.0	10.5	18	66	6	1060.09.52.105	10
Pg 11	4.5	6.0	18/21	66	6	1060.11.52.060	10
Pg 11	6.0	8.0	18/21	66	6	1060.11.52.080	10
Pg 11	8.0	10.5	18/21	66	6	1060.11.52.105	10
Pg 13	6.0	8.0	24	86	6	1060.13.52.080	10
Pg 13	8.0	11.0	24	86	6	1060.13.52.110	10
Pg 13	11.0	14.5	24	86	6	1060.13.52.145	10
Pg 16	6.0	8.0	24	86	6	1060.16.52.080	10
Pg 16	8.0	11.0	24	86	6	1060.16.52.110	10
Pg 16	11.0	14.5	24	86	6	1060.16.52.145	10
Pg 21	9.5	12.5	30	99	7.5	1060.21.52.125	5
Pg 21	12.5	16.0	30	99	7.5	1060.21.52.160	5
Pg 21	16.0	19.0	30	99	7.5	1060.21.52.190	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”。

可根据要求提供
短螺纹，带单体或两件套短密封件。

长螺纹，带单体或两件套的短的或者整体长度绝缘的密封件。

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

Available on request:
- Short entry thread with short one-piece or two-piece sealing insert.
- Long entry thread with short or full-length insulating one-piece or two-piece sealing insert.



Progress MS FKN



两件套密封件 整体长度绝缘								Two-piece sealing insert overall length insulated	
G	> Ø < min mm	> Ø < max mm	> Ø < min mm	> Ø < max mm	mm	H mm	L mm	型号 Art. No.	
Pg 9	6.0	8.0	8.0	10.5	18	66	6	1060.09.52	10
Pg 11	6.0	8.0	8.0	10.5	18/21	66	6	1060.11.52	10
Pg 13	8.0	11.0	11.0	14.5	24	86	6	1060.13.52	10
Pg 16	8.0	11.0	11.0	14.5	24	86	6	1060.16.52	10
Pg 21	12.5	16.0	16.0	19.0	30	99	7.5	1060.21.52	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”。

可根据要求提供
短螺纹，带单体或两件套短密封件

长螺纹，带单体或两件套的短的或者整体长度绝缘的密封件。

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

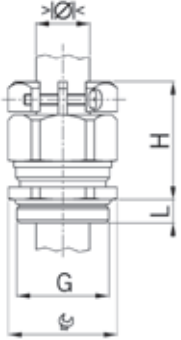
Available on request:
- Short entry thread with short one-piece or two-piece sealing insert.
- Long entry thread with short or full-length insulating one-piece or two-piece sealing insert.



Progress® 黄铜镀镍带卡箍电缆接头

Cable glands Progress® nickel-plated brass with clamps

公制短螺纹 | Short entry thread metric



材质: 黄铜镀镍
 螺钉: 不锈钢A2
 密封件: TPE
 O型圈: NBR
 应力消除: 根据EN62444版本B

温度范围: -40°C / +100°C
 防护等级: IP68 (不超过10 bar)
 IP69

Material: Nickel-plated brass
 Screws: Stainless steel A2
 Seal: TPE
 O-ring: NBR
 Strain relief: Version B acc. to EN 62444

Temperature range: -40°C / +100°C
 Protection class: IP 68 (up to 10 bar)
 Further protection: IP 69



Progress MS KB

单体密封件
 非整体长度绝缘

One-piece sealing insert
 not overall length insulated



G	> Ø < min mm	> Ø < max mm	mm	H mm	L mm	i info	型号 Art. No.	
M10x1.5	3.0	4.0	13/16	24	5	1	1800.10.03.040	50
M10x1.5	4.0	6.0	13/16	24	5	1	1800.10.03.060	50
M12x1.5	5.0	6.5	15/16	26	5	-	1800.12.03.065	50
M12x1.5	6.5	8.0	15/16	26	5	-	1800.12.03.080	50

1=公制粗螺距螺纹 (带VDE测试报告)

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 KB

两件套密封件
 非整体长度绝缘

Two-piece sealing insert
 not overall length insulated



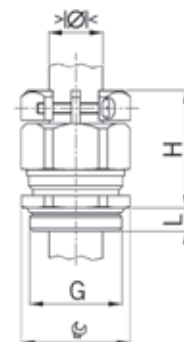
G	> Ø < min mm	> Ø < max mm	> Ø < min mm	> Ø < max mm	mm	H mm	L mm	型号 Art. No.	
M16x1.5	6.0	8.0	8.0	10.5	18/19	30	5	1800.17.03.105	50
M20x1.5	8.0	11.0	11.0	15.0	24	31	6	1800.20.03.150	50
M25x1.5	12.5	16.0	16.0	20.5	30	35	7	1800.25.03.205	25
M32x1.5	17.0	21.0	21.0	25.5	36	40	8	1800.32.03.255	25
M40x1.5	24.0	28.5	28.5	33.0	46	44	8	1800.40.03.330	10
M50x1.5	33.0	37.0	37.0	42.0	55	49	9	1800.50.03.410	10
M63x1.5	40.0	46.0	46.0	52.0	70	55	10	1800.63.03.520	5
M75x1.5	50.0	56.0	56.0	63.0	80	56	11	1800.75.03.630	1

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
 螺钉: 不锈钢A2
 密封件: TPE
 O型圈: NBR
 应力消除: 根据EN62444版本B
 温度范围: -40°C / +100°C
 防护等级: IP68 (不超过10 bar)
 IP69

Material: Nickel-plated brass
 Screws: Stainless steel A2
 Seal: TPE
 O-ring: NBR
 Strain relief: Version B acc. to EN 62444
 Temperature range: -40°C / +100°C
 Protection class: IP 68 (up to 10 bar)
 Further protection: IP 69



Progress MS KB

单体密封件
 非整体长度绝缘

One-piece sealing insert
 not overall length insulated

G	> Ø < min mm	> Ø < max mm	mm	H mm	L mm	i info	型号 Art. No.	
M10x1.5	3.0	4.0	13/16	24	10	1	1800.10.13.040	50
M10x1.5	4.0	6.0	13/16	24	10	1	1800.10.13.060	50
M12x1.5	5.0	6.5	15/16	26	10	-	1800.12.13.065	50
M12x1.5	6.5	8.0	15/16	26	10	-	1800.12.13.080	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 KB

两件套密封件
 非整体长度绝缘

Two-piece sealing insert
 not overall length insulated

G	> Ø < min mm	> Ø < max mm	> Ø < min mm	> Ø < max mm	mm	H mm	L mm	型号 Art. No.	
M16x1.5	6.0	8.0	8.0	10.5	18/19	30	10	1800.17.13.105	50
M20x1.5	8.0	11.0	11.0	15.0	24	31	10	1800.20.13.150	50
M25x1.5	12.5	16.0	16.0	20.5	30	35	11	1800.25.13.205	25
M32x1.5	17.0	21.0	21.0	25.5	36	40	13	1800.32.13.255	25
M40x1.5	24.0	28.5	28.5	33.0	46	44	13	1800.40.13.330	10
M50x1.5	33.0	37.0	37.0	42.0	55	49	14	1800.50.13.410	10
M63x1.5	40.0	46.0	46.0	52.0	70	55	14	1800.63.13.520	5
M75x1.5	50.0	56.0	56.0	63.0	80	56	15	1800.75.13.630	1

可以选配通过EN45545认证的密封件。
 采购时需要在型号前加“F”。

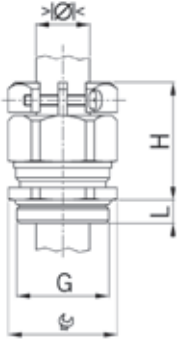
Available with sealing inserts conformity with EN 45545.
 When placing an inquiry, prefix the article number by the capital F.



Progress® 黄铜镀镍带卡箍电缆接头

Cable glands Progress® nickel-plated brass with clamps

Pg短螺纹 | Short entry thread Pg



材质: 黄铜镀镍
 螺钉: 不锈钢A2
 密封件: TPE
 O型圈: NBR
 温度范围: -40°C / +100°C
 防护等级: IP68 (不超过10 bar)
 IP69

Material: Nickel-plated brass
 Screws: Stainless steel A2
 Seal: TPE
 O-ring: NBR
 Temperature range: -40°C / +100°C
 Protection class: IP 68 (up to 10 bar)
 Further protection: IP 69



Progress MS KB

单体密封件
 非整体长度绝缘

One-piece sealing insert
 not overall length insulated

G	> Ø < min mm	> Ø < max mm	mm	H mm	L mm
Pg 7	5.0	6.5	15/16	26	6
Pg 7	6.5	8.0	15/16	26	6

型号 | Art. No.



1800.07.03.065	50
1800.07.03.080	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 KB

两件套密封件
 非整体长度绝缘

Two-piece sealing insert
 not overall length insulated

G	> Ø < min mm	> Ø < max mm	> Ø < min mm	> Ø < max mm	mm	H mm	L mm
Pg 9	6.0	8.0	8.0	10.5	18/19	30	6
Pg 11	5.5	8.5	8.5	12.0	21	31	6
Pg 13	8.0	11.0	11.0	15.0	24	31	6
Pg 16	8.0	11.0	11.0	15.0	24	31	6
Pg 21	12.5	16.0	16.0	20.5	30	35	7
Pg 29	19.0	23.0	23.0	27.5	38	40	8
Pg 36	26.0	30.5	30.5	35.0	50	47	8
Pg 42	33.0	37.0	37.0	42.0	55	49	10
Pg 48	37.0	43.0	43.0	49.0	65	51	11

型号 | Art. No.



1800.09.03.105	50
1800.11.03.120	50
1800.13.03.150	50
1800.16.03.150	50
1800.21.03.205	25
1800.29.03.275	25
1800.36.03.350	10
1800.42.03.410	10
1800.48.03.490	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.

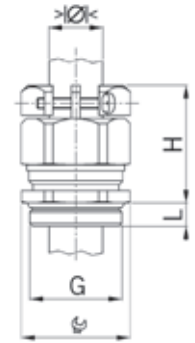
Progress® 黄铜镀镍带卡箍电缆接头

Cable glands Progress® nickel-plated brass with clamps

Pg长螺纹 | Long entry thread Pg

材质: 黄铜镀镍
 螺钉: 不锈钢A2
 密封件: TPE
 O型圈: NBR
 温度范围: -40°C / +100°C
 防护等级: IP68 (不超过10 bar)
 IP69

Material: Nickel-plated brass
 Screws: Stainless steel A2
 Seal: TPE
 O-ring: NBR
 Temperature range: -40°C / +100°C
 Protection class: IP 68 (up to 10 bar)
 Further protection: IP 69



Progress MS KB



单体密封件
 非整体长度绝缘

One-piece sealing insert
 not overall length insulated

G	> Ø < min mm	> Ø < max mm	mm	H mm	L mm	型号 Art. No.	
Pg 7	5.0	6.5	15/16	26	10	1800.07.13.065	50
Pg 7	6.5	8.0	15/16	26	10	1800.07.13.080	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 KB



两件套密封件
 非整体长度绝缘

Two-piece sealing insert
 not overall length insulated

G	> Ø < min mm	> Ø < max mm	> Ø < min mm	> Ø < max mm	mm	H mm	L mm	型号 Art. No.	
Pg 9	6.0	8.0	8.0	10.5	18/19	30	10	1800.09.13.105	50
Pg 11	5.5	8.5	8.5	12.0	21	31	10	1800.11.13.120	50
Pg 13	8.0	11.0	11.0	15.0	24	31	10	1800.13.13.150	50
Pg 16	8.0	11.0	11.0	15.0	24	31	10	1800.16.13.150	50
Pg 21	12.5	16.0	16.0	20.5	30	35	12	1800.21.13.205	25
Pg 29	19.0	23.0	23.0	27.5	38	40	12	1800.29.13.275	25
Pg 36	26.0	30.5	30.5	35.0	50	47	15	1800.36.13.350	10
Pg 42	33.0	37.0	37.0	42.0	55	49	15	1800.42.13.410	10
Pg 48	37.0	43.0	43.0	49.0	65	51	15	1800.48.13.490	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”。

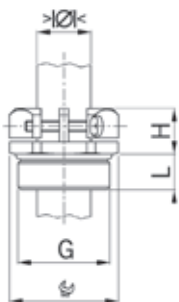
Available with sealing inserts conformity with EN 45545.
 When placing an inquiry, prefix the article number by the capital F.



Progress® 黄铜镀镍带卡箍电缆接头

Cable glands Progress® nickel-plated brass with clamps

公制螺纹 | Entry thread metric



材质: 黄铜镀镍
 螺钉: 不锈钢A2
 应力消除: 根据EN62444版本B
 温度范围: -50°C / +300°C
 防护等级: IP20

Material: Nickel-plated brass
 Screws: Stainless steel A2
 Strain relief: Version B acc. to EN 62444
 Temperature range: -50°C / +300°C
 Protection class: IP 20



Progress MS KBST



机械应力消除 B

Mechanical strain relief B

G	>Ø< min mm	>Ø< max mm	Ø mm	H mm	L mm	型号 Art. No.	
M12x1.5	5.0	8.0	16	10	10	1812.02	50
M16x1.5	6.0	10.5	19	11	10	1817.02	50
M20x1.5	8.0	15.0	24	12	10	1820.02	50
M25x1.5	12.5	20.5	30	13	11	1825.02	25
M32x1.5	17.0	25.5	36	15	13	1832.02	25
M40x1.5	24.0	33.0	46	17	13	1840.02	10

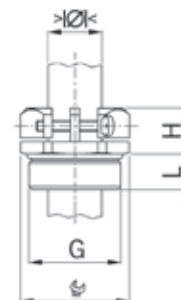
Progress® 黄铜镀镍带卡箍电缆接头

Cable glands Progress® nickel-plated brass with clamps

Pg螺纹 | Entry thread Pg

材质: 黄铜镀镍
 螺钉: 不锈钢A2
 温度范围: -50°C / +300°C
 防护等级: IP20

Material: Nickel-plated brass
 Screws: Stainless steel A2
 Temperature range: -50°C / +300°C
 Protection class: IP 20



Progress MS KBST



机械应力消除 B

Mechanical strain relief B

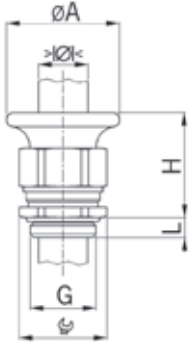
G	>Ø< min mm	>Ø< max mm	mm	H mm	L mm	型号 Art. No.	
Pg 7	4.0	8.0	17	10	6	1807.02	50
Pg 9	6.0	10.0	20	11	6	1809.02	50
Pg 11	6.0	12.0	22	11	6	1811.02	50
Pg 13	7.0	15.0	24	11	7	1813.02	50
Pg 16	9.0	17.0	27	12	7	1816.02	50
Pg 21	12.0	22.0	35	14	8	1821.02	25
Pg 29	18.0	30.0	42	15	8	1829.02	25
Pg 36	24.0	36.0	55	18	10	1836.02	10



Progress® 黄铜镀镍带喇叭口电缆接头

Cable glands Progress® nickel-plated brass with trumpet

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
 温度范围: -40°C / +100°C
 防护等级: IP68 (不超过10 bar)
 IP69

Material: Nickel-plated brass
 Seal: TPE
 O-ring: NBR
 Strain relief: Version A acc. to EN 62444
 Temperature range: -40°C / +100°C
 Protection class: IP 68 (up to 10 bar)
 Further protection: IP 69



Progress MS T

两件套密封件
 非整体长度绝缘

Two-piece sealing insert
 not overall length insulated



G	> Ø < min mm	> Ø < max mm	> Ø < min mm	> Ø < max mm	mm	ØA mm	H mm	L mm	型号 Art. No.	
M16x1.5	6.0	8.0	8.0	10.5	18	28	31	5	1800.10.17	50
M20x1.5	8.0	11.0	11.0	15.0	24	34	32	6	1800.10.20	50
M25x1.5	12.5	16.0	16.0	20.5	30	44	38	7	1800.10.25	25
M32x1.5	17.0	21.0	21.0	25.5	36	50	44	8	1800.10.32	25
M40x1.5	24.0	28.5	28.5	33.0	46	57	46	8	1800.10.40	10

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.

公制长螺纹 | Long entry thread metric



Progress MS T

两件套密封件
 非整体长度绝缘

Two-piece sealing insert
 not overall length insulated



G	> Ø < min mm	> Ø < max mm	> Ø < min mm	> Ø < max mm	mm	ØA mm	H mm	L mm	型号 Art. No.	
M16x1.5	6.0	8.0	8.0	10.5	18	28	31	10	1800.11.17	50
M20x1.5	8.0	11.0	11.0	15.0	24	34	32	10	1800.11.20	50
M25x1.5	12.5	16.0	16.0	20.5	30	44	38	11	1800.11.25	25
M32x1.5	17.0	21.0	21.0	25.5	36	50	44	13	1800.11.32	25
M40x1.5	24.0	28.5	28.5	33.0	46	57	46	13	1800.11.40	10

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.

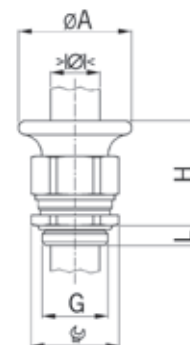
Progress® 黄铜镀镍带喇叭口电缆接头

Cable glands Progress® nickel-plated brass with trumpet

Pg短螺纹 | Short entry thread Pg

材质: 黄铜镀镍
 密封件: TPE
 O型圈: NBR
 温度范围: -40°C / +100°C
 防护等级: IP68 (不超过10 bar)
 IP69

Material: Nickel-plated brass
 Seal: TPE
 O-ring: NBR
 Temperature range: -40°C / +100°C
 Protection class: IP 68 (up to 10 bar)
 Further protection: IP 69



Progress MS T

两件套密封件
 非整体长度绝缘

Two-piece sealing insert
 not overall length insulated

G	>Ø< min mm	>Ø< max mm	>Ø< min mm	>Ø< max mm	⌀ mm	ØA mm	H mm	L mm	型号 Art. No.	
Pg 9	6.0	8.0	8.0	10.5	18	28	31	6	1800.10.09	50
Pg 11	5.5	8.5	8.5	12.0	21	30	31	6	1800.10.11	50
Pg 13	8.0	11.0	11.0	15.0	24	34	32	6	1800.10.13	50
Pg 16	8.0	11.0	11.0	15.0	24	34	32	6	1800.10.16	50
Pg 21	12.5	16.0	16.0	20.5	30	44	38	7.5	1800.10.21	25
Pg 29	19.0	23.0	23.0	27.5	38	50	44	8	1800.10.29	10

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 T

两件套密封件
 非整体长度绝缘

Two-piece sealing insert
 not overall length insulated

G	>Ø< min mm	>Ø< max mm	>Ø< min mm	>Ø< max mm	⌀ mm	ØA mm	H mm	L mm	型号 Art. No.	
Pg 9	6.0	8.0	8.0	10.5	18	28	31	10	1800.11.09	50
Pg 11	5.5	8.5	8.5	12.0	21	30	31	10	1800.11.11	50
Pg 13	8.0	11.0	11.0	15.0	24	34	32	10	1800.11.13	50
Pg 16	8.0	11.0	11.0	15.0	24	34	32	10	1800.11.16	50
Pg 21	12.5	16.0	16.0	20.5	30	44	38	12	1800.11.21	25
Pg 29	19.0	23.0	23.0	27.5	38	50	44	12	1800.11.29	10

可以选配通过EN45545认证的密封件。
 采购时需要在型号前加“F”。

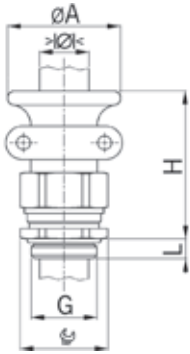
Available with sealing inserts conformity with EN 45545.
 When placing an inquiry, prefix the article number by the capital F.



Progress® 黄铜镀镍带喇叭口和卡箍的电缆接头

Cable glands Progress® nickel-plated brass with trumpet and clamps

公制短螺纹 | Short entry thread metric



材质: 黄铜镀镍
 螺钉: 不锈钢A2
 密封件: TPE
 O型圈: NBR
 应力消除: 根据EN62444版本B
 温度范围: -40°C / +100°C
 防护等级: IP68 (不超过10 bar)
 IP69

Material: Nickel-plated brass
 Screws: Stainless steel A2
 Seal: TPE
 O-ring: NBR
 Strain relief: Version B acc. to EN 62444
 Temperature range: -40°C / +100°C
 Protection class: IP 68 (up to 10 bar)
 Further protection: IP 69



Progress MS T+KB

两件套密封件
非整体长度绝缘

Two-piece sealing insert
not overall length insulated



G	> Ø <	> Ø <	> Ø <	> Ø <	⌀	ØA	H	L	型号 Art. No.	📦
	min mm	max mm	min mm	max mm	mm	mm	mm	mm		
M16x1.5	6.0	8.0	8.0	10.5	18	28	43	5	1801.10.17	50
M20x1.5	8.0	11.0	11.0	15.0	24	34	46	6	1801.10.20	50
M25x1.5	12.5	16.0	16.0	20.5	30	44	52	7	1801.10.25	25
M32x1.5	17.0	21.0	21.0	25.5	36	50	59	8	1801.10.32	10
M40x1.5	24.0	28.5	28.5	33.0	46	57	59	8	1801.10.40	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.

公制长螺纹 | Long entry thread metric

Progress MS T+KB

两件套密封件
非整体长度绝缘

Two-piece sealing insert
not overall length insulated



G	> Ø <	> Ø <	> Ø <	> Ø <	⌀	ØA	H	L	型号 Art. No.	📦
	min mm	max mm	min mm	max mm	mm	mm	mm	mm		
M16x1.5	6.0	8.0	8.0	10.5	18	28	43	10	1801.11.17	50
M20x1.5	8.0	11.0	11.0	15.0	24	34	46	10	1801.11.20	50
M25x1.5	12.5	16.0	16.0	20.5	30	44	52	11	1801.11.25	25
M32x1.5	17.0	21.0	21.0	25.5	36	50	59	13	1801.11.32	10
M40x1.5	24.0	28.5	28.5	33.0	46	57	59	13	1801.11.40	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”。

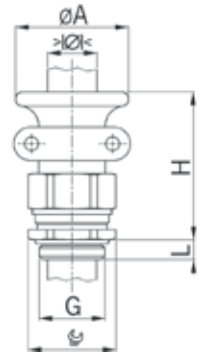
Available with sealing inserts conformity with EN 45545.
When placing an inquiry, prefix the article number by the capital F.

Progress® 黄铜镀镍带喇叭口和卡箍的电缆接头 Cable glands Progress® nickel-plated brass with trumpet and clamps

Pg短螺纹 | Short entry thread Pg

材质: 黄铜镀镍
螺钉: 不锈钢A2
密封件: TPE
O型圈: NBR
温度范围: -40°C / +100°C
防护等级: IP68 (不超过10 bar)
IP69

Material: Nickel-plated brass
Screws: Stainless steel A2
Seal: TPE
O-ring: NBR
Temperature range: -40°C / +100°C
Protection class: IP 68 (up to 10 bar)
Further protection: IP 69



Progress MS T+KB

两件套密封件 非整体长度绝缘		Two-piece sealing insert not overall length insulated										型号 Art. No.	📦
G	>Ø< min mm	>Ø< max mm	>Ø< min mm	>Ø< max mm	⌀ mm	ØA mm	H mm	L mm					
Pg 9	6.0	8.0	8.0	10.5	18	28	43	6			1801.10.09	50	
Pg 11	5.5	8.5	8.5	12.0	21	30	43	6			1801.10.11	50	
Pg 13	8.0	11.0	11.0	15.0	24	34	46	6			1801.10.13	50	
Pg 16	8.0	11.0	11.0	15.0	24	34	46	6			1801.10.16	50	
Pg 21	12.5	16.0	16.0	20.5	30	44	52	7.5			1801.10.21	25	
Pg 29	19.0	23.0	23.0	27.5	38	50	59	8			1801.10.29	10	

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 T+KB

两件套密封件 非整体长度绝缘		Two-piece sealing insert not overall length insulated										型号 Art. No.	📦
G	>Ø< min mm	>Ø< max mm	>Ø< min mm	>Ø< max mm	⌀ mm	ØA mm	H mm	L mm					
Pg 9	6.0	8.0	8.0	10.5	18	28	43	10			1801.11.09	50	
Pg 11	5.5	8.5	8.5	12.0	21	30	43	10			1801.11.11	50	
Pg 13	8.0	11.0	11.0	15.0	24	34	46	10			1801.11.13	50	
Pg 16	8.0	11.0	11.0	15.0	24	34	46	10			1801.11.16	50	
Pg 21	12.5	16.0	16.0	20.5	30	44	52	12			1801.11.21	25	
Pg 29	19.0	23.0	23.0	27.5	38	50	59	12			1801.11.29	10	

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.

