



- Material:PA
- Seal piece:NBR & EPDM
- Protection class to:IP68
(tighten part , with O-seal ring)
- Temperature range:
static state-40℃ to 100℃ ,
short time to 120℃
motion state -20℃ to 80℃ ,
short time to 100℃

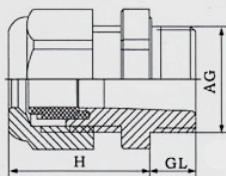
PG series Metric type screw thread

Thread	Ø mm	GL mm	H mm	mm	AG mm	Order NO.	
						GRAY RAL7035	BLACK RAL9005
PG7	3-6.5	8	22	16	12	MP0708060	MP0708061
PG7	2/5	8	22	16	12	MP0708050	MP0708051
PG9	4/8	8	26	19	16	MP0908080	MP0908081
PG9	2/6	8	26	19	16	MP0908060	MP0908061
PG11	5/10	8	27	22	18	MP1108100	MP1108101
PG11	3/7	8	27	22	18	MP1108070	MP1108071
PG13.5	6/12	9	28	24	20	MP1309120	MP1309121
PG13.5	5/9	9	28	24	20	MP1309090	MP1309091
PG16	10/14	10	30	27	22	MP1610140	MP1610141
PG16	7/12	10	30	27	22	MP1610120	MP1610121
PG19	12/15	10	30	27/28	24	MP1910150	MP1910151
PG19	10/12	10	30	27/28	24	MP1910120	MP1910121
PG21	13-18	10	35	33	28	MP2110180	MP2110181
PG21	9/16	10	35	33	28	MP2110160	MP2110161
PG25	16-21	11	34	35/36	30	MP2511210	MP2511211
PG25	13-18	11	34	35/36	30	MP2511180	MP2511181
PG29	18-25	12	40	41/42	37	MP2912250	MP2912251
PG29	13-20	12	40	41/42	37	MP2912200	MP2912201
PG36	22-32	14	48	52/53	47	MP3614320	MP3614321
PG36	20-26	14	48	52/53	47	MP3614260	MP3614261
PG42	32-38	14	49	60/61	54	MP4214380	MP4214381
PG42	25-31	14	49	60/61	54	MP4214310	MP4214311
PG48	37-44	14	50	64/65	59	MP4814440	MP4814441
PG48	29-35	14	50	64/65	59	MP4814350	MP4814351
PG63	42-50	27	60	72	70	MP6327500	MP6327501

PG series

Thread	Ø mm	GL mm	H mm	mm	AGmm	Order NO.	
						GRAY RAL7035	BLACK RAL9005
PG7	3-6.5	8	22	16	12.5	P0708060	P0708061
PG7	2/5	8	22	16	12.5	P0708050	P0708051
PG9	4/8	8	26	19	15.2	P0908080	P0908081
PG9	2/6	8	26	19	15.2	P0908060	P0908061
PG11	5/10	8	27	22	18.6	P1108100	P1108101
PG11	3/7	8	27	22	18.6	P1108070	P1108071
PG13.5	6/12	9	28	24	20.4	P1309120	P1309121
PG13.5	5/9	9	28	24	20.4	P1309090	P1309091
PG16	10/14	10	30	27	22.5	P1610140	P1610141
PG16	7/12	10	30	27	22.5	P1610120	P1610121
PG21	13-18	10	35	33	28.3	P2110180	P2110181
PG21	9/16	10	35	33	28.3	P2110160	P2110161
PG29	18-25	12	40	41/42	37	P2912250	P2912251
PG29	13-20	12	40	41/42	37	P2912200	P2912201
PG36	22-32	14	48	52/53	47	P3614320	P3614321
PG36	20-26	14	48	52/53	47	P3614260	P3614261
PG42	32-38	14	49	60/61	54	P4214380	P4214381
PG42	25-31	14	49	60/61	54	P4214310	P4214311
PG48	37-44	14	50	64/65	59.3	P4814440	P4814441
PG48	29-35	14	50	64/65	59.3	P4814350	P4814351

Dimension

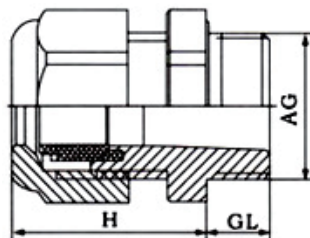


Cable Glands
1


- Material:PA
- Seal piece:NBR & EPDM
- Protection class to:IP68
(tighten part , with O-seal ring)
- Temperature range:
static state-40°C to 100°C ,
short time to 120°C
motion state -20°C to 80°C,
short time to 100°C

Metric type cable glands

Thread	Ømm	GL mm	H mm	Ømm	AG mm	Order NO.	
						Gray	Black
M12x1.5	3-6.5	8	22	16	12	M1208060	M1208061
M12x1.5	2-5	8	22	16	12	M1208050	M1208051
M14x1.5	4-8	8	26	19	14	M1408080	M1408081
M14x1.5	2-6	8	26	19	14	M1408060	M1408061
M16x1.5	4-8	8	26	19	16	M1608080	M1608081
M16x1.5	2-6	8	26	19	16	M1608060	M1608061
M16x1.5	5-10	8	27	22	16	M1608100	M1608101
M16x1.5	3-7	8	26	22	16	M1608070	M1608071
M18x1.5	5-10	8	27	22	18	M1808100	M1808101
M18x1.5	3-7	8	27	22	18	M1808070	M1808071
M20x1.5	6-12	9	28	24	20	M2009120	M2009121
M20x1.5	5-9	9	28	24	20	M2009090	M2009091
M20x1.5	10-14	10	30	27	20	M2010140	M2010141
M20x1.5	7-12	10	30	27	20	M2010120	M2010121
M22x1.5	10-14	10	30	27	22	M2210140	M2210141
M22x1.5	7-12	10	30	27	22	M2210120	M2210121
M24x1.5	12-15	10	30	27	24	M2410150	M2410151
M24x1.5	10-12	10	30	27	24	M2410120	M2410121
M25x1.5	13-18	10	35	33	25	M2510180	M2510181
M25x1.5	9-16	10	35	33	25	M2510160	M2510161
M27x1.5	13-21	10	35	33	27	M2710180	M2710181
M27x1.5	7-15	10	35	33	27	M2710160	M2710161
M30x1.5	12-21	11	34	35/36	30	M3011210	M3011211
M30x1.5	7-15	11	34	35/36	30	M3011150	M3011151
M32x1.5	12-21	11	34	36/37	32	M3211210	M3211211
M32x1.5	7-15	11	34	36/37	32	M3211150	M3211151
M32x1.5	18-25	12	40	41/42	32	M3212150	M3212151
M32x1.5	13-20	12	40	41/42	32	M3212200	M3212201
M36x1.5	18-25	12	40	41/42	36	M3612250	M3612251
M36x1.5	13-20	12	40	41/42	36	M3612200	M3612201
M40x1.5	22-32	14	48	52/53	40	M4014320	M4014321
M40x1.5	20-26	14	48	52/53	40	M4014260	M4014261
M50x1.5	32-38	14	49	60/61	50	M5014380	M5014381
M50x1.5	25-31	14	49	60/61	50	M5014310	M5014311
M63x1.5	37-44	14	50	67	63	M6314440	M6314441
M63x1.5	29-35	14	50	67	63	M6314350	M6314351

Dimension


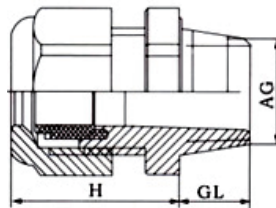


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- Seal piece:NBR & EPDM
- Protection class to:IP68
(tighten part , with O-seal ring)
- Temperature range:
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short time to 120℃
motion state -20℃ to 80℃,
short time to 100℃

NPT series cable glands

Thread	ØF mm	GL mm	H mm	Ø mm	AG mm	Order NO.	
						Gray	Black
3/8NPT	4-8	15	26	19	17	N3815080	N3815081
3/8NPT	2-6	15	26	19	17	N3815060	N3815061
1/2NPT	6-12	13	30	24	21.2	N1213120	N1213121
1/2NPT	5-9	13	30	24	21.2	N1213090	N1213091
3/4NPT	13-18	15	37	33	26.2	N3415180	N3415181
3/4NPT	9-16	15	37	33	26.2	N3415160	N3415161
1"NPT	18-25	16	40	41	33.3	N1016250	N1016251
1"NPT	13-20	16	40	41	33.3	N1016200	N1016201
1 1/4NPT	18-25	18	40	42/46	42	N1518250	N1518251
1 1/4NPT	13-20	18	40	42/46	42	N1518200	N1518201
1 1/2NPT	22-32	15	48	52/53	48	N1315320	N1315321
1 1/2NPT	20-26	15	48	52/53	48	N1315260	N1315261

Dimension

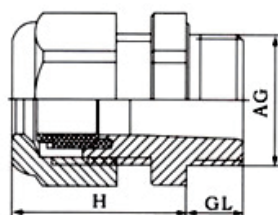


- Material:PA
- Seal piece:NBR & EPDM
- Protection class to:IP68
(tighten part , with O-seal ring)
- Temperature range:
static state-40℃ to 100℃ ,
short time to 120℃
motion state -20℃ to 80℃,
short time to 100℃

G series cable glands

Thread	ØF mm	GL mm	H mm	Ø mm	AG mm	Order NO.	
						Gray	Black
G1/4"	3-6.5	8	22	15/16	13.1	G1408060	G1408061
G1/4"	2-5	8	22	15/16	13.1	G1408050	G1408051
G3/8"	4-8	15	26	19	16.6	G3815080	G3815081
G3/8"	2-6	15	26	19	16.6	G3815060	G3815061
G1/2"	6-12	13	30	24	20.9	G1213120	G1213121
G1/2"	5-9	13	30	24	20.9	G1213090	G1213091
G3/4"	13-18	15	37	33	26.4	G3515180	G3515181
G3/4"	9-16	15	37	33	26.4	G3415160	G3415161
G1"	18-25	16	40	41	33.2	G1016250	G1016251
G1"	13-20	16	40	41	33.2	G1016200	G1016201
G1 1/4"	18-25	18	40	46/42	41.9	G1518250	G1518251
G1 1/4"	13-20	18	40	46/42	41.9	G1518200	G1518201
G1 1/2"	22-32	15	48	52/53	47.8	G1315320	G1315321
G1 1/2"	20-26	15	48	52/53	47.8	G1315260	G1315261
G2"	37-44	15	50	64	59.6	G2015440	G2015441
G2"	29-35	15	50	64	59.6	G2015350	G2015351

Dimension

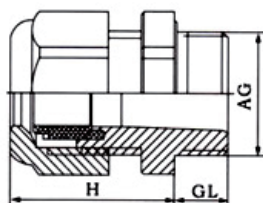


Cable Glands
1

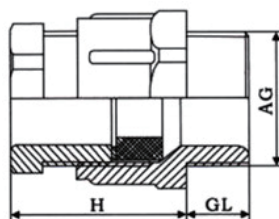

- Material:PA
- Seal piece:NBR & EPDM
- Protection class to:IP68
(tighten part , with O-seal ring)
- Temperature range:
static state-40℃ to 100℃ ,
short time to 120℃
motion state -20℃ to 80℃ ,
short time to 100℃

BSC series cable glands

Thread	Ø mm	GL mm	H mm	mm	AG mm	Order NO.	
						Gray	Black
BSC1/2"	3-6.5	8	22	15/16	13	B1208060	B1208061
BSC1/2"	2-5	8	22	15/16	13	B1208050	B1208051
BSC5/8"	4-8	8	26	19	16	B5808080	B5808081
BSC5/8"	2-6	8	26	19	16	B5808060	B5808061
BSC3/4"	6-12	9	28	24	19	B3409120	B3409121
BSC3/4"	5-9	9	28	24	19	B3409090	B3409091
BSC7/8"	10-14	10	30	27	22	B7810140	B7810141
BSC7/8"	7-12	10	30	27	22	B7810120	B7810121
BSC1"	13-18	10	35	33	25	B1010180	B1010181
BSC1"	9-16	10	35	33	25	B1010160	B1010161
BSC1 1/4"	18-25	15	40	41/42	32	B1515250	B1515251
BSC1 1/4"	13-20	15	40	41/42	32	B1515200	B1515201
BSC1 1/2"	22-32	15	48	52/53	38	B1315320	B1315321
BSC1 1/2"	20-26	15	48	52/53	38	B1315260	B1315261
BSC2"	37-44	15	50	64/65	50	B2015440	B2015441
BSC2"	29-35	15	50	64/65	50	B2015350	B2015351

Dimension

PG series plain end cable glands

Thread	Ø mm	GLmm	AGmm	Order NO.	
				GRAY RAL7035	BLACK RAL9005
PG-16	5/10	12	16X1.5	PN16100	PN16101
PG-20	6/13	13	20X1.5	PN20130	PN20131
PG-25	10/18	13	25X1.5	PN25180	PN25181
PG-32	16-22	15	32X1.5	PN32220	PN32221
PG-40	20-27	21	40X1.5	PN40270	PN40271
PG-50	30-41	23	50X1.5	PN50410	PN50411
PG-63	40-53	25	63X1.5	PN63530	PN63531

Dimension


- Material:PA
- Seal piece:NBR & EPDM
- Protection class to:IP68
(tighten part , with O-seal ring)
- Temperature range:
static state-40℃ to 100℃ ,
short time to 120℃
motion state -20℃ to 80℃ ,
short time to 100℃



- Material:PA
- Seal piece:NBR & EPDM
- Protection class to:IP68
(tighten part , with O-seal ring)
- Temperature range:
static state-40℃to 100℃ ,
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motion state -20℃ to 80℃ ,
short time to 100℃

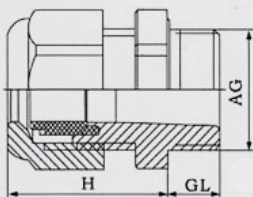
PG series Metric type thread cable glands-lengthen

Thread	$\varnothing$ mm	GLmm	Hmm	$\varnothing$ mm	AGmm	Order NO.	
						GRAY RAL7035	BLACK RAL9005
PG7	3-6.5	15	22	15/16	12	MP0715060	MP0715061
PG7	2/5	15	22	15/16	12	MP0715050	MP0715051
PG9	4/8	15	26	19	16	MP0915080	MP0915081
PG9	2/6	15	26	19	16	MP0915060	MP0915061
PG11	5/10	15	27	22	18	MP1115100	MP1115101
PG11	3/7	15	27	22	18	MP1115070	MP1115071
PG13.5	6/12	15	28	24	20	MP1315120	MP1315121
PG13.5	5/9	15	28	24	20	MP1315090	MP1315091
PG16	10/14	15	30	27	22	MP1615140	MP1615141
PG16	7/12	15	30	27	22	MP1615120	MP1615121
PG21	13-18	15	35	33	28	MP2115180	MP2115181
PG21	9/16	15	35	33	28	MP2115160	MP2115161
PG29	18-25	18	40	41/42	37	MP2918250	MP2918251
PG29	13-20	18	40	41/42	37	MP2918200	MP2918201
PG36	22-32	18	48	52/53	47	MP3618320	MP3618321
PG36	20-26	18	48	52/53	47	MP3618260	MP3618261
PG42	32-38	18	49	60/61	54	MP4218380	MP4218381
PG42	25-31	18	49	60/61	54	MP4218310	MP4218311
PG48	37-44	18	50	64	59	MP4818440	MP4818441
PG48	29-35	18	50	64	59	MP4818350	MP4818351

PG series cable glands -lengthen

Thread	$\varnothing$ mm	GLmm	Hmm	$\varnothing$ mm	AGmm	Order NO.	
						GRAY RAL7035	BLACK RAL9005
PG7	3-6.5	15	22	15/16	12.5	P0715060	P0715061
PG7	2/5	15	22	15/16	12.5	P0715050	P0715051
PG9	4/8	15	26	19	15.2	P0915080	P0915081
PG9	2/6	15	26	19	15.2	P0915060	P0915061
PG11	5/10	15	27	22	18.6	P1115100	P1115101
PG11	3/7	15	27	22	18.6	P1115070	P1115071
PG13.5	6/12	15	28	24	20.4	P1315120	P1315121
PG13.5	5/9	15	28	24	20.4	P1315090	P1315091
PG16	10/14	15	30	27	22.5	P1615140	P1615141
PG16	7/12	15	30	27	22.5	P1615120	P1615121
PG21	13-18	15	35	33	28.3	P2115180	P2115181
PG21	9/16	15	35	33	28.3	P2115160	P2115161
PG29	18-25	18	40	41/42	37	P2918250	P2918251
PG29	13-20	18	40	41/42	37	P2918200	P2918201
PG36	22-32	18	48	52/53	47	P3618320	P3618321
PG36	20-26	18	48	52/53	47	P3618260	P3618261
PG42	32-38	18	49	60/61	54	P4218380	P4218381
PG42	25-31	18	49	60/61	54	P4218310	P4218311
PG48	37-44	18	50	64	59.3	P4818440	P4818441
PG48	29-35	18	50	64	59.3	P4818350	P4818351

Dimension

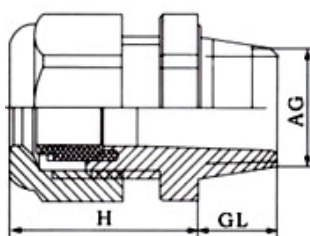


Cable Glands
1


- Material: PA
- Seal piece: NBR & EPDM
- Protection class to: IP68
(tighten part, with O-seal ring)
- Temperature range:
static state -40°C to 100°C,
short time to 120°C
motion state -20°C to 80°C,
short time to 100°C

Metric type cable glands-lengthen

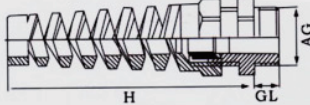
Thread	Ømm	GLmm	Hmm	mm	AGmm	Order NO.	
						Gray	Black
M12X1.5	3-6.5	15	22	15/16	12	M1215060	M1215061
M12X1.5	2-5	15	22	15/16	12	M1215050	M1215051
M16X1.5	4-8	15	26	19	16	M1615080	M1615081
M16X1.5	2-6	15	26	19	16	M1615060	M1615061
M16X1.5	5-10	15	27	22	16	M1615100	M1615101
M16X1.5	3-7	15	27	22	16	M1615070	M1615071
M18X1.5	5-10	15	27	22	18	M1815100	M1815101
M18X1.5	3-70	15	27	22	18	M1818070	M1818071
M20X1.5	6-12	15	28	24	20	M2015120	M2015121
M20X1.5	5-9	15	28	24	20	M2015090	M2015091
M20X1.5	10-14	15	30	27	20	M2015140	M2015141
M20X1.5	7-12	15	30	27	20	M2015120	M2015121
M22X1.5	10-14	15	30	27	22	M2215140	M2215141
M22X1.5	7-12	15	30	27	22	M2215120	M2215121
M25X1.5	13-18	15	35	33	25	M2515180	M2515181
M25X1.5	9-16	15	35	33	25	M2515160	M2515161
M32X1.5	18-25	15	40	41/42	32	M3215250	M3215251
M32X1.5	13-20	15	40	41/42	32	M3215200	M3215201
M40X1.5	19-28	18	43	45/46	40	M4018280	M4018281
M40X1.5	15-23	18	43	45/46	40	M4018230	M4018231
M40X1.5	22-32	18	48	52/53	40	M4018320	M4018321
M40X1.5	20-26	18	48	52/53	40	M4018260	M4018261
M50X1.5	27-35	18	48	55/56	50	M5018350	M5018351
M50X1.5	22-29	18	48	55/56	50	M5018290	M5018291
M50X1.5	32-38	18	49	60/61	50	M5018380	M5018381
M50X1.5	25-31	18	49	60/61	50	M5018310	M5018311
M63X1.5	37-44	18	50	64	63	M6318440	M6318441
M63X1.5	29-35	18	50	64	63	M6318350	M6318351
M63X1.5	34-45	18	57	67/68	63	M6319450	M6319451
M63X1.5	28-39	18	57	67/68	63	M6319390	M6319391

Dimension




- Material:PA
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(tighten part , with O-seal ring)
- Temperature range:
static state-40℃ to 100℃ ,
short time to 120℃
motion state -20℃ to 80℃ ,
short time to 100℃

Dimension



PG series Metric type thread cable glands-breakproof

Thread	Ø mm	GLmm	Hmm	W mm	AGmm	Order NO.	
						GRAY RAL7035	BLACK RAL9005
PG7	3-6.5	8	65	15/16	12	MP0708060F	MP0708061F
PG7	2/5	8	65	15/16	12	MP0708050F	MP0708051F
PG9	4/8	8	70	19/20	16	MP0908080F	MP0908081F
PG9	2/6	8	70	19/20	16	MP0908060F	MP0908061F
PG11	5/10	8	78	22	18	MP1108100F	MP1108101F
PG11	3/7	8	78	22	18	MP1108070F	MP1108071F
PG13.5	6/12	9	90	24	20	MP1309120F	MP1309121F
PG13.5	5/9	9	90	24	20	MP1309090F	MP1309091F
PG16	10/14	10	100	27	22	MP1610140F	MP1610141F
PG16	7/12	10	100	27	22	MP1610120F	MP1610121F
PG21	13-18	10	112	33/34	28	MP2110180F	MP2110181F
PG21	9/16	10	112	33/34	28	MP2110160F	MP2110161F

PG series cable glands -breakproof

Thread	Ø mm	GLmm	Hmm	W mm	AGmm	Order NO.	
						GRAY RAL7035	BLACK RAL9005
PG7	3-6.5	8	65	15/16	12.5	P0708060F	P0708061F
PG7	2/5	8	65	15/16	12.5	P0708050F	P0708051F
PG9	4/8	8	70	19/20	15.2	P0908080F	P0908081F
PG9	2/6	8	70	19/20	15.2	P0908060F	P0908061F
PG11	5/10	8	78	22	18.6	P1108100F	P1108101F
PG11	3/7	8	78	22	18.6	P1108070F	P1108071F
PG13.5	6/12	9	90	24	20.4	P1309120F	P1309121F
PG13.5	5/9	9	90	24	20.4	P1309090F	P1309091F
PG16	10/14	10	100	27	22.5	P1610140F	P1610141F
PG16	7/12	10	100	27	22.5	P1610120F	P1610121F
PG21	13-18	10	112	33/34	28.3	P2110180F	P2110181F
PG21	9/16	10	112	33/34	28.3	P2110160F	P2110161F

Cable Glands

1



- Material:PA
- Seal piece:NBR & EPDM
- Protection class to:IP68
(tighten part , with O-seal ring)
- Temperature range:
static state-40℃ to 100℃ ,
short time to 120℃
motion state -20℃ to 80℃ ,
short time to 100℃

Metric type cable glands -breakproof

Thread	Ømm	GLmm	Hmm	Wmm	AGmm	Order NO.	
						Gray	Black
M12X1.5	3-6.5	8	65	16/17	12	M1208060F	M1208061F
M12X1.5	2-5	8	65	16/17	12	M1208050F	M1208051F
M14X1.5	4-8	8	70	19/20	14	M1408080F	M1408081F
M14X1.5	2-6	8	70	19/20	14	M1408060F	M1408061F
M16X1.5	4-8	8	70	19/20	16	M1608080F	M1608081F
M16X1.5	2-6	8	70	19/20	16	M1608060F	M1608061F
M16X1.5	5-10	8	78	22	16	M1608100F	M1608101F
M16X1.5	3-7	8	78	22	16	M1608070F	M1608071F
M18X1.5	5-10	8	78	22	18	M1808100F	M1808101F
M18X1.5	3-7	8	78	22	18	M1808070F	M1808071F
M20X1.5	6-12	9	90	24	20	M2009120F	M2009121F
M20X1.5	5-9	9	90	24	20	M2009090F	M2009091F
M20X1.5	10-14	10	100	27	20	M2010140F	M2010141F
M20X1.5	7-12	10	100	27	20	M2010120F	M2010121F
M22X1.5	10-14	10	100	27	22	M2210140F	M2210141F
M22X1.5	7-12	10	100	27	22	M2210120F	M2210121F
M25X1.5	13-18	10	112	33/34	25	M2510180F	M2510181F
M25X1.5	9-16	10	112	33/34	25	M2510160F	M2510161F
M27X1.5	13-18	10	112	33/34	27	M2710180F	M2710181F
M27X1.5	9-16	10	112	33/34	27	M2710160F	M2710161F

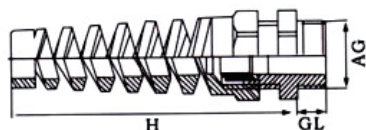


- Material:PA
- Seal piece:NBR & EPDM
- Protection class to:IP68
(tighten part , with O-seal ring)
- Temperature range:
static state-40℃ to 100℃ ,
short time to 120℃
motion state -20℃ to 80℃ ,
short time to 100℃

NPT series cable glands -breakproof

Thread	Ømm	GLmm	Hmm	Wmm	AGmm	Order NO.	
						Gray	Black
NPT3/8	4-8	15	70	19/20	17	N3815080F	N3815081F
NPT3/8	2-6	15	70	19/20	17	N3815060F	N3815061F
NPT1/2	6-12	13	92	24	21.2	N1213120F	N1213121F
NPT1/2	5-6	13	92	24	21.2	N1213090F	N1213091F
NPT3/4	13-18	15	112	33/34	26.2	N3415380F	N3415381F
NPT3/4	9-16	15	112	33/34	26.2	N3415160F	N3415161F

Dimension



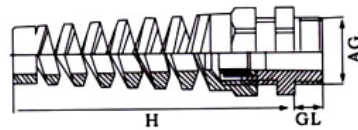


- Material:PA
- Seal piece:NBR & EPDM
- Protection class to:IP68
(tighten part , with O-seal ring)
- Temperature range:
static state-40℃ to 100℃ ,
short time to 120℃
motion state -20℃ to 80℃ ,
short time to 100℃

G series cable glands -breakproof

Thread	Ø ₁ mm	GL mm	H mm	Ø ₂ mm	AG mm	Order NO.	
						Gray	Black
G1/4"	3-6.5	8	65	16/17	13.1	G1408060F	G1408061F
G1/4"	2-5	8	65	16/17	13.1	G1408050F	G1408051F
G3/8"	4-8	15	70	19/20	16.6	G3815080F	G3815081F
G3/8"	2-6	15	70	19/20	16.6	G3815060F	G3815061F
G1/2"	6-12	13	92	24	20.9	G1213120F	G1213121F
G1/2"	5-9	13	92	24	20.9	G1213090F	G1213091F
G3/4"	13-18	15	112	33/34	26.4	G3415180F	G3415180F
G3/4"	9-16	15	112	33/34	26.4	G3415160F	G3415161F

Dimension

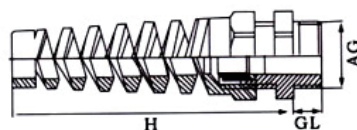


- Material:PA
- Seal piece:NBR & EPDM
- Protection class to:IP68
(tighten part , with O-seal ring)
- Temperature range:
static state-40℃ to 100℃ ,
short time to 120℃
motion state -20℃ to 80℃ ,
short time to 100℃

BSC series cable glands -breakproof

Thread	Ø ₁ mm	GL mm	H mm	Ø ₂ mm	AG mm	Order NO.	
						Gray	Black
BSC1/2"	3-6.5	8	65	16/17	12.5	B1208060F	B1208061F
BSC1/2"	2-5	8	65	16/17	12.5	B1208050F	B1208051F
BSC5/8"	4-8	8	70	19/20	15.7	B5080080F	B5080081F
BSC5/8"	2-6	8	70	19/20	15.7	B5080060F	B5080061F
BSC3/4"	6-12	9	90	24	18.8	B3409120F	B3409121F
BSC3/4"	5-9	9	90	24	18.8	B3409090F	B3409091F
BSC7/8"	10-14	10	100	27	22	B7810140F	B7810141F
BSC7/8"	7-12	10	100	27	22	B7810120F	B7810121F
BSC1"	13-18	10	112	33/34	25.2	B1010180F	B1010181F
BSC1"	9-16	10	112	33/34	25.2	B1010160F	B1010161F

Dimension



1

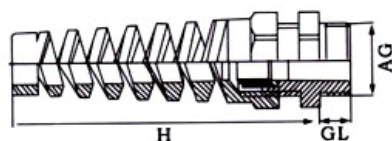

- Material: PA
- Seal piece: NBR & EPDM
- Protection class to: IP68
(tighten part, with O-seal ring)
- Temperature range:
static state -40°C to 100°C,
short time to 120°C
motion state -20°C to 80°C,
short time to 100°C

PG series Metric type thread cable glands-lengthen

Thread	Ø mm	GLmm	Hmm	mm	AGmm	Order NO.	
						GRAY RAL7035	BLACK RAL9005
PG7	3-6.5	15	22	15/16	12	MP0715060	MP0715061
PG7	2-5	15	22	15/16	12	MP0715050	MP0715051
PG9	4-8	15	26	19	16	MP0915080	MP0915081
PG9	2-6	15	26	19	16	MP0915060	MP0915061
PG11	5-10	15	27	22	18	MP1115100	MP1115101
PG11	3-7	15	27	22	18	MP1115070	MP1115071
PG13.5	6-12	15	28	24	20	MP1315120	MP1315121
PG13.5	5-9	15	28	24	20	MP1315090	MP1315091
PG16	10-14	15	30	27	22	MP1615140	MP1615141
PG16	7-12	15	30	27	22	MP1615120	MP1615121
PG21	13-18	15	35	33	28	MP2115180	MP2115181
PG21	9-16	15	35	33	28	MP2115160	MP2115161
PG29	18-25	18	40	41/42	37	MP2918250	MP2918251
PG29	13-20	18	40	41/42	37	MP2918200	MP2918201
PG36	22-32	18	48	52/53	47	MP3618320	MP3618321
PG36	20-26	18	48	52/53	47	MP3618260	MP3618261
PG42	32-38	18	49	60/61	54	MP4218380	MP4218381
PG42	25-31	18	49	60/61	54	MP4218310	MP4218311
PG48	37-44	18	50	64	59	MP4818440	MP4818441
PG48	29-35	18	50	64	59	MP4818350	MP4818351

PG series-lengthen & breakproof

Thread	Ø mm	GLmm	Hmm	mm	AGmm	Order NO.	
						GRAY RAL7035	BLACK RAL9005
PG7	3-6.5	15	65	15/16	12.5	P0715060F	P0715061F
PG7	2-5	15	65	15/16	12.5	P0710050F	P0710051F
PG9	4-8	15	70	19/20	15.2	P0915080F	P0915081F
PG9	2-6	15	70	19/20	15.2	P0910060F	P0910061F
PG11	5-10	15	78	22	18.6	P1115100F	P1115101F
PG11	3-7	15	78	22	18.6	P1115070F	P1115071F
PG13.5	6-12	15	90	24	20.4	P1315120F	P1315121F
PG13.5	5-9	15	90	24	20.4	P1315090F	P1315091F
PG16	10-14	15	100	27	22.5	P1615140F	P1615141F
PG16	7-12	15	100	27	22.5	P1615120F	P1615121F
PG21	13-18	15	112	33/34	28.3	P2115180F	P2115181F
PG21	9-16	15	112	33/34	28.3	P2115160F	P2115161F

Dimension


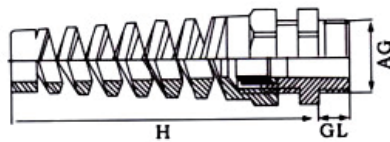


- Material:PA
- Seal piece:NBR & EPDM
- Protection class to:IP68
(tighten part , with O-seal ring)
- Temperature range:
static state-40℃ to 100℃ ,
short time to 120℃
motion state -20℃ to 80℃,
short time to 100℃

Metric type cable glands -breakproof & lengthen

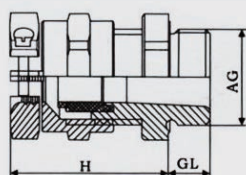
Thread	Ø mm	GLmm	Hmm	W mm	AGmm	Order NO.	
						Gray	Black
M12X1.5	3-6.5	15	65	16/17	12	M1215060F	M1215061F
M12X1.5	2-5	15	65	16/17	12	M1215050F	M1215051F
M16X1.5	4-8	15	70	19/20	16	M1615080F	M1615081F
M16X1.5	2-6	15	70	19/20	16	M1615060F	M1615061F
M16X1.5	5-10	15	78	22	16	M1615100F	M1615101F
M16X1.5	3-7	15	78	22	16	M1615070F	M1615071F
M18X1.5	5-10	15	78	22	18	M1815100F	M1815101F
M18X1.5	3-7	15	78	22	18	M1818070F	M1818071F
M20X1.5	6-12	15	90	24	20	M2015120F	M2015121F
M20X1.5	5-9	15	90	24	20	M2015090F	M2015091F
M20X1.5	10-14	15	100	27	20	M2015140F	M2015141F
M20X1.5	7-12	15	100	27	20	M2015120F	M2015121F
M22X1.5	10-14	15	100	27	22	M2215140F	M2215141F
M22X1.5	7-12	15	100	27	22	M2215120F	M2215121F
M25X1.5	13-18	15	112	33/34	25	M2515180F	M2515181F
M25X1.5	9-16	15	112	33/34	25	M2515160F	M2515161F
M27X1.5	13-18	15	112	33/34	27	M2715180F	M2715181F
M27X1.5	9-16	15	112	33/34	27	M2715160F	M2715161F

Dimension



1


- Material:PA
- Seal piece:NBR & EPDM
- Protection class to:IP68
(tighten part , with O-seal ring)
- Temperature range:
static state-40℃ to 100℃ ,
short time to 120℃
motion state -20℃ to 80℃ ,
short time to 100℃

Dimension

PG series Metric type thread cable glands-fixing protection

Thread	Ømm	GLmm	Hmm	mm	AGmm	Order NO.	
						GRAY RAL7035	BLACK RAL9005
PG9	4-8	8	31	19	16	MP0908080Z	MP0908081Z
PG11	5-10	8	35	22	18	MP1108100Z	MP1108101Z
PG13.5	6-12	9	37	24	20	MP1309120Z	MP1309121Z
PG16	10-14	10	38	27	22	MP1610140Z	MP1610141Z
PG21	13-18	10	42	33	28	MP2110180Z	MP2110181Z
PG29	18-25	12	50	41/42	37	MP2912250Z	MP2912251Z
PG36	22-32	14	60	52/53	47	MP3614320Z	MP3614321Z
PG42	32-38	14	61	60/61	54	MP4214380Z	MP4214381Z
PG48	37-44	14	62	64/65	59	MP4814440Z	MP4814441Z

PG series cable glands -fixing protection

Thread	Ø mm	GLmm	Hmm	mm	AGmm	Order NO.	
						GRAY RAL7035	BLACK RAL9005
PG9	4-8	8	31	19	15.2	P0908080Z	P0908081Z
PG11	5-10	8	35	22	18.6	P1108100Z	P1108101Z
PG13.5	6-12	9	37	24	20.4	P1309120Z	P1309121Z
PG16	10-14	10	38	27	22.5	P1610140Z	P1610141Z
PG21	13-18	10	42	33	28.3	P2110180Z	P2110181Z
PG29	18-25	12	50	41/42	37	P2912250Z	P2912251Z
PG36	22-32	14	60	52/53	47	P3614320Z	P3614321Z
PG42	32-38	14	61	60/61	54	P4214380Z	P4214381Z
PG48	37-44	14	62	64/65	59.3	P4814440Z	P4814441Z

Metric type cable glands -fixing protection

Thread	Ø mm	GLmm	Hmm	mm	AGmm	Order NO.	
						Gray	Black
M14X1.5	4-8	8	31	19	14	M1408080Z	M1408081Z
M16X1.5	4-8	8	31	19	16	M1608080Z	M1608081Z
M16X1.5	5-10	8	35	22	16	M1608100Z	M1608101Z
M18X1.5	5-10	8	35	22	18	M1808100Z	M1808101Z
M20X1.5	6-12	9	37	24	20	M2009120Z	M2009121Z
M20X1.5	10-14	10	38	27	20	M2010140Z	M2010141Z
M22X1.5	10-14	10	38	27	22	M2210140Z	M2210141Z
M25X1.5	13-18	10	42	33	25	M2510180Z	M2510181Z
M27X1.5	13-18	10	42	33	27	M2710180Z	M2710181Z
M32X1.5	18-25	12	50	41/42	32	M3212250Z	M3212251Z
M40X1.5	22-32	14	60	52/53	40	M4014320Z	M4014321Z
M50X1.5	32-38	14	61	60/61	50	M5014380Z	M5014381Z
M63X1.5	37-44	14	62	64/65	63	M6314440Z	M6314441Z

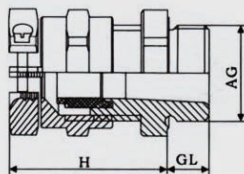
NPT series cable glands -fixing protection

Thread	Ø	GL	H	mm	AG	Order NO.	
						Gray	Black
NPT3/8"	4-8	15	31	19	17	N3815080Z	N3815081Z
NPT1/2"	6-12	13	39	24	21.2	N1213120Z	N1213121Z
NPT3/4"	13-18	15	42	33	26.2	N3415180Z	N3415181Z
NPT1"	18-25	16	50	41	33.3	N1016250Z	N1016251Z
NPT1/4"	18-25	18	50	42/46	42	N1518250Z	N1518251Z
NPT1/2"	22-32	18	60	52/53	48	N1318320Z	N1318321Z



- Material:PA
- Seal piece:NBR & EPDM
- Protection class to:IP68
(tighten part , with O-seal ring)
- Temperature range:
static state-40℃ to 100℃ ,
short time to 120℃
motion state -20℃ to 80℃ ,
short time to 100℃

Dimension



G series cable glands -fixing protection

Thread	$\varnothing$ mm	GL mm	H mm	$\varnothing$ mm	AG mm	Order NO.	
						Gray	Black
G3/8"	4-8	15	31	19	16.6	G3815080Z	G3815081Z
G1/2"	6-12	13	39	24	20.9	G1213120Z	G1213121Z
G3/4"	13-18	15	42	33	26.4	G3415180Z	G3415181Z
G1"	18-25	16	50	41	33.2	G1016250Z	G1016251Z
G1/4"	18-25	18	50	42/46	41.9	G1518250Z	G1518251Z
G1/2"	22-32	15	60	52/53	47.8	G1315320Z	G1315321Z
G2"	37-44	15	62	64	59.6	G2015440Z	G2015441Z

BSC series cable glands-fixing protection

Thread	$\varnothing$ mm	GL mm	H mm	$\varnothing$ mm	AG mm	Order NO.	
						Gray	Black
BSC5/8"	4-8	8	31	19	15.7	B5808080Z	B5808081Z
BSC3/4"	6-12	9	37	24	18.8	B3409120Z	B3409121Z
BSC7/8"	10-14	10	38	27	22	B7810140Z	B7810141Z
BSC1"	13-18	10	42	33	25.2	B1010180Z	B1010181Z
BSC1/4"	18-25	15	50	41/42	31.5	B1515250Z	B1515251Z
BSC1/2"	22-32	15	60	52/53	37.8	B1315320Z	B1315321Z
BSC2"	37-44	15	62	64/65	50.3	B2015440Z	B2015441Z

PG series Metric type thread cable glands-lengthen & fixing protection

Thread	$\varnothing$ mm	GLmm	Hmm	$\varnothing$ mm	AGmm	Order NO.	
						GRAY RAL7035	BLACK RAL9005
PG9	4-8	15	31	19	16	MP0915080Z	MP0915081Z
PG11	5-10	15	35	22	18	MP1115100Z	MP1115101Z
PG13.5	6-12	15	37	24	20	MP1315120Z	MP1315121Z
PG16	10-14	15	38	27	22	MP1615140Z	MP1615141Z
PG21	13-18	15	42	33	28	MP2115180Z	MP2115181Z
PG29	18-25	18	50	41/42	37	MP2918250Z	MP2918251Z
PG36	22-32	18	60	52/53	47	MP3618320Z	MP3618321Z
PG42	32-38	18	61	60/61	54	MP4218380Z	MP4218381Z
PG48	37-44	18	62	64/65	59	MP4818440Z	MP4818441Z

PG series cable glands-lengthen & fixing protection

Thread	$\varnothing$ mm	GLmm	Hmm	$\varnothing$ mm	AGmm	Order NO.	
						GRAY RAL7035	BLACK RAL9005
PG9	4-8	15	31	19	16	P0915080Z	P0915081Z
PG11	5-10	15	35	22	18	P1115100Z	P1115101Z
PG13.5	6-12	15	37	24	20	P1315120Z	P1315121Z
PG16	10-14	15	38	27	22	P1615140Z	P1615141Z
PG21	13-18	15	42	33	28	P2115180Z	P2115181Z
PG29	18-25	18	50	41/42	37	P2918250Z	P2918251Z
PG36	22-32	18	60	52/53	47	P3618320Z	P3618321Z
PG42	32-38	18	61	60/61	54	P4218380Z	P4218381Z
PG48	37-44	18	62	64/65	59	P4818440Z	P4818441Z

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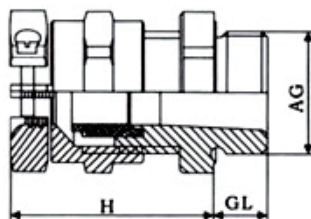


- Material:PA
- Seal piece:NBR & EPDM
- Protection class to:IP68
(tighten part , with O-seal ring)
- Temperature range:
static state-40°C to 100°C ,
short time to 120°C
motion state -20°C to 80°C ,
short time to 100°C

Metric type-lengthen & fixing protection

Thread	Ø mm	GLmm	Hmm	W mm	AGmm	Order NO.	
						Gray	Black
M16X1.5	4-8	15	31	19	16	M1615080Z	M1615081Z
M16X1.5	5-10	15	35	22	16	M1615100Z	M1615101Z
M18X1.5	5-10	15	35	22	18	M1815100Z	M1815101Z
M20X1.5	6-12	15	37	24	20	M2015120Z	M2015121Z
M20X1.5	10-14	15	38	27	20	M2015140Z	M2015141Z
M22X1.5	10-14	15	38	27	22	M2215140Z	M2215141Z
M25X1.5	13-18	15	42	33	25	M2515180Z	M2515181Z
M32X1.5	18-25	15	50	41/42	32	M3215250Z	M3215251Z
M40X1.5	22-32	18	60	52/53	40	M4018320Z	M4018321Z
M50X1.5	32-38	18	61	60/61	50	M5018380Z	M5018381Z
M63X1.5	37-44	18	62	64/65	63	M6318440Z	M6318441Z

Dimension





- Material:PA
- Seal piece:NBR & EPDM
- Protection class to:IP68
(tighten part , with O-seal ring)
- Temperature range:
static state-40℃ to 100℃ ,
short time to 120℃
motion state -20℃ to 80℃ ,
short time to 100℃

PG series cable glands -bending angle

Thread	Ø mm	GLmm	Hmm	R mm	AGmm	Order NO.	
						GRAY RAL7035	BLACK RAL9005
PG9	4-8	8	37	19	15.2	P09080W	P09081W
PG9	2-6	8	37	19	15.2	P09060W	P09061W
PG11	5-10	8	39	22	18.6	P11100W	P11101W
PG11	3-7	8	39	22	18.6	P11070W	P11071W
PG13.5	6-12	9	43	24	20.4	P13120W	P13121W
PG13.5	5-9	9	43	24	20.4	P13090W	P13091W
PG16	10-14	10	48	27	22.5	P16140W	P16141W
PG16	7-12	10	48	27	22.5	P16120W	P16121W
PG21	13-18	11	56	33	28.3	P21180W	P21181W
PG21	9-16	11	56	33	28.3	P21160W	P21161W
PG29	18-25	11	68	41/42	37	P29250W	P29251W
PG29	13-20	11	68	41/42	37	P29200W	P29201W

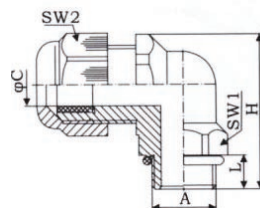
Metric type cable glands -bending angle

Thread	Ø mm	GLmm	Hmm	R mm	AGmm	Order NO.	
						Gray	Black
M16X1.5	4-8	8	37	19	16	M16080W	M16081W
M16X1.5	2-6	8	37	19	16	M16060W	M16061W
M18X1.5	5-10	8	39	22	18	M18100W	M18101W
M18X1.5	3-7	8	39	22	18	M18070W	M18071W
M20X1.5	6-12	9	43	24	20	M20120W	M20121W
M20X1.5	5-9	9	43	24	20	M20090W	M20091W
M22X1.5	10-14	10	48	27	22	M22140W	M22141W
M22X1.5	7-12	10	48	27	22	M22120W	M22121W
M25X1.5	13-18	11	56	33	25	M25180W	M25181W
M25X1.5	9-16	11	56	33	25	M25160W	M25161W
M32X1.5	18-25	11	68	41/42	32	M32250W	M32251W
M32X1.5	13-20	11	68	41/42	32	M32200W	M32201W

NPT series cable glands -bending angle

Thread	Ø mm	GL mm	H mm	R mm	AG mm	Order NO.	
						Gray	Black
NPT3/8"	4-8	13	42	19	17	N38080W	N38081W
NPT3/8"	2-6	13	42	19	17	N38060W	N38061W
NPT1/2"	6-12	13	43	24	21.2	N12120W	N12121W
NPT1/2"	5-9	13	43	24	21.2	N12090W	N12091W
NPT3/4"	13-18	13	58	33	26.2	N34180W	N34181W
NPT3/4"	9-16	13	58	33	26.2	N34160W	N34161W
NPT1"	18-25	15	72	41/42	33.3	N10250W	N10251W
NPT1"	13-20	15	72	41/42	33.3	N10200W	N10201W

Dimension



1


- Material:PA
- Seal piece:NBR & EPDM
- Protection class to:IP68
(tighten part , with O-seal ring)
- Temperature range:
static state-40℃ to 100℃ ,
short time to 120℃
motion state -20℃ to 80℃ ,
short time to 100℃

PG series hexagonal stopple

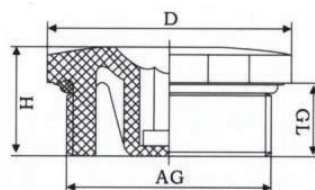
Thread	GL mm	H mm	mm	AG mm	mm	Order NO.	
						GRAY RAL7035	BLACK RAL9005
PG7	8.5	13	15	12.5	6	P0760PA	P0761PA
PG9	8.5	13	19	15.2	8	P0960PA	P0961PA
PG11	9	14.5	24	18.6	8	P1160PA	P1161PA
PG13.5	9	14.5	24	20.4	8	P1360PA	P1361PA
PG16	12	16	28	22.5	8	P1660PA	P1661PA
PG21	12	18	36	28.3	8	P2160PA	P2161PA
PG29	14	18	46	37	8	P2960PA	P2961PA
PG36	14	20	55	47	8	P3660PA	P3661PA
PG42	14	20	60	54	8	P4260PA	P4261PA
PG48	14	21	70	59.3	8	P4860PA	P4861PA

Metric type hexagonal stopple

Thread	GLmm	Hmm	mm	AGmm	mm	Order NO.	
						Gray	Black
M12X1.5	6	8.5	13	15	12	M1260PA	M1261PA
M16X1.5	8	8.5	13	19	16	M1660PA	M1661PA
M18X1.5	8	9	14.5	24	18	M1860PA	M1861PA
M20X1.5	8	9	14.5	24	20	M2060PA	M2061PA
M22X1.5	8	11	16	28	22	M2260PA	M2261PA
M25X1.5	8	12	17	28	25	M2560PA	M2561PA
M32X1.5	8	12	18	36	32	M3260PA	M3261PA
M40X1.5	8	14	18	46	40	M4060PA	M4061PA
M50X1.5	8	14	20	55	50	M5060PA	M5061PA
M63X1.5	8	14	21	70	63	M6360PA	M6361PA

NPT series hexagonal stopple

Thread	GL	H	mm	AG	mm	Order NO.	
						Gray	Black
NPT3/8"	13	17	24	17	8	N3860PA	N3861PA
NPT1/2"	13	17	24	21.2	8	N1260PA	N1261PA
NPT3/4"	15	20	28	26.2	8	N3460PA	N3461PA
NPT1"	15	21	36	33.3	8	N1060PA	N1061PA
NPT1/4"	15	19	46	42	8	N1560PA	N1561PA
NPT1/2"	15	21	55	48	8	N1360PA	N1361PA

Dimension




- Material:PA
- Seal piece:NBR & EPDM
- Protection class to:IP54
- Temperature range:-20℃to 80℃

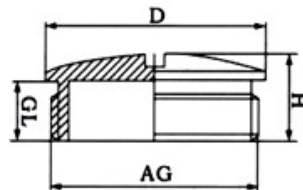
PG series round stopple

Thread	GLmm	Hmm	Dmm	AGmm	Order NO.	
					Gray	Black
PG7	8.5	12.5	15	12.5	P0710PA	P0711PA
PG9	8.5	13	19	15.2	P0910PA	P0911PA
PG11	9	13	22	18.6	P1110PA	P1111PA
PG13.5	9	13	25	20.4	P1310PA	P1311PA
PG16	10.5	15	27	22.5	P1610PA	P1611PA
PG21	10.5	15.5	33	28.3	P2110PA	P2111PA
PG29	11.5	16	44	37	P2910PA	P2911PA
PG36	13.5	18	55	47	P3610PA	P3611PA
PG42	13.5	18.5	62	54	P4210PA	P4211PA
PG48	14.5	19.5	68	59.3	P4810PA	P4811PA

Metric type round stopple

Thread	GLmm	Hmm	Dmm	AGmm	Order NO.	
					Gray	Black
M12	8.5	12.5	15	12	M1210PA	M1211PA
M16	8.5	13	19	16	M1610PA	M1611PA
M18	9	13	22	18	M1810PA	M1811PA
M20	9	13	25	20	M2010PA	M2011PA
M22	10.5	15	27	22	M2210PA	M2211PA
M25	10.5	15.5	30	25	M2510PA	M2511PA
M27	10.5	15.5	33	27	M2710PA	M2711PA
M32	10.5	16	38	32	M3210PA	M3211PA
M40	11.5	16	46	40	M4010PA	M4011PA
M50	13.5	18	56	50	M5010PA	M5011PA
M63	14	19	68	63	M6310PA	M6311PA

Dimension



1

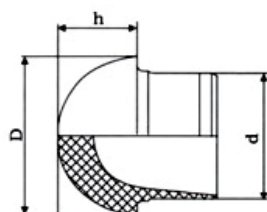


- Material:PA
- Seal piece:NBR & EPDM
- Protection class to:IP54

Semi-spherical end cap-tightener

MODEL	Øk	D	d	h	Order NO.	
	mm	mm	mm	mm	Gray	Black
M6	3-6.5	9.5	6.3	2.5	06M00	06M01
M8	4-8	11	7.8	3	08M00	08M01
M10	5-10	13.5	9.8	3.5	10M00	10M01
M12	6-12	16	11.8	4.5	12M00	12M01
M14	10-14	18.5	13.8	5	14M00	14M01
M18	13-18	22.5	17.8	6	18M00	18M01
M25	18-25	29	25	7	25M00	25M01
M32	22-32	38	32	11	32M00	32M01
M38	32-38	43	38	12	38M00	38M01
M44	37-44	49	44	12	44M00	44M01

Dimension

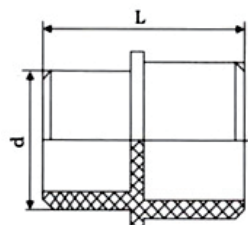


- Material:PA
- Seal piece:NBR & EPDM
- Protection class to:IP54

End cap-tightener

MODEL	Øk	d	h	Order NO.	
	mm	mm	mm	Gray	Black
M6	3-6.5	4.5	15	06M10	06M11
M8	4-8	5.5	17	08M10	08M11
M10	5-10	6.5	19	10M10	10M11
M12	6-12	8.5	19	12M10	12M11
M14	10-14	11.5	19.5	14M10	14M11
M18	13-18	15.5	23.5	18M10	18M11
M25	18-25	19	26	25M10	25M11
M32	22-32	25	28	32M10	32M11
M38	32-38	30	28	38M10	38M11
M44	37-44	34	28	44M10	44M11

Dimension





- Material: PA
- Temperature range: -20°C to 80°C

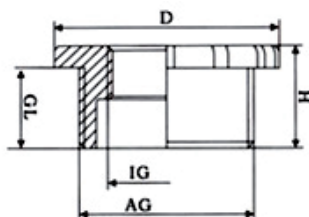
PG series reducible connector

Thread	IG	GL mm	H mm	D mm	AG mm	IG mm	Order NO.	
							Gray	Black
PG13.5	PG9	8	12	27	20.4	15.2	P13P090	P13P091
PG16	PG9	10	13	29	22.5	15.2	P16P090	P16P091
PG16	PG11	10	13	29	22.5	18.6	P16P110	P16P111
PG21	PG13.5	11	13.5	36	28.3	20.4	P21P130	P21P131
PG21	PG16	11	13.5	36	28.3	22.5	P21P160	P21P161
PG29	PG21	11	13.5	46	37	28.3	P29P210	P29P211
PG36	PG29	11	15	58	47	37	P36P290	P36P291

Metric type reducible connector

Thread	IG	GL mm	H mm	D mm	AG mm	IG mm	Order NO.	
							Gray	Black
M20X1.5	M12X1.5	8	12	27	20	12	M20M120	M20M121
M20X1.5	M16X1.5	8	12	27	20	16	M20M160	M20M161
M25X1.5	M16X1.5	10	13	29	25	16	M25M160	M25M161
M25X1.5	M20X1.5	10	13	29	25	20	M25M200	M25M201
M32X1.5	M20X1.5	11	13.5	36	32	20	M32M200	M32M201
M32X1.5	M25X1.5	11	13.5	36	32	25	M32M250	M32M251
M40X1.5	M25X1.5	11	13.5	46	40	25	M40M250	M40M251
M40X1.5	M32X1.5	11	13.5	46	40	32	M40M320	M40M321
M50X1.5	M32X1.5	11	15	58	50	32	M50M320	M50M321
M50X1.5	M40X1.5	11	15	58	50	40	M50M400	M50M401

Dimension



1



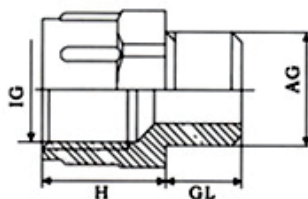
- Material: PA
- Temperature range: -20°C to 80°C

PG series diameter widening connector

Thread	IG	GL mm	H mm	AG mm	IG mm	Order NO.	
						Gray	Black
PG7	PG9	15	19	12.5	15.2	P07P090	P07P091
PG9	PG13.5	15	19	15.2	20.4	P09P130	P09P131
PG13.5	PG21	15	19	20.4	28.3	P13P210	P13P211
PG21	PG29	15	19	28.3	37	P21P290	P21P291
PG29	PG36	15	19.5	37	47	P29P360	P29P361
PG36	PG42	15	19.5	47	54	P36P420	P36P421
PG42	PG48	15	19.5	54	59.3	P42P480	P42P481

Metric type diameter widening connector

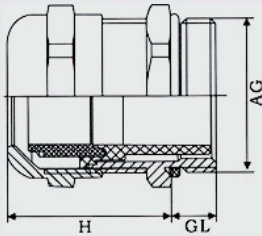
Thread	IG	GL mm	H mm	AG mm	IG mm	Order NO.	
						Gray	Black
M12X1.5	M16X1.5	15	19	12	16	M07M160	M07M161
M16X1.5	M20X1.5	15	19	16	20	M16M200	M16M201
M20X1.5	M25X1.5	15	19	20	25	M20M250	M20M251
M25X1.5	M32X1.5	15	19	25	32	M25M320	M25M321
M32X1.5	M40X1.5	15	19.5	32	40	M32M400	M32M401
M40X1.5	M50X1.5	15	19.5	40	50	M40M500	M40M501
M50X1.5	M63X1.5	15	19.5	50	63	M50M630	M50M631

Dimension



- Material:PA
- Seal piece:NBR & EPDM
- Protection class to:IP68
(tighten part , with O-seal ring)
- Temperature range:
static state-40℃ to 100℃ ,
short time to 120℃
motion state -20℃ to 80℃ ,
short time to 100℃

Dimension



PG series Metric type screw thread cable glands

Thread	Ømm	GLmm	Hmm	mm	AG mm	Order	
						Gray	Black
PG7	3-6.5	8	22	16	12	MP0708060	MP0708061
PG7	2-5	8	22	16	12	MP0708050	MP0708051
PG9	4-8	8	26	19	16	MP0908080	MP0908081
PG9	2-6	8	26	19	16	MP0908060	MP0908061
PG11	5-10	8	27	22	18	MP1108100	MP1108101
PG11	3-7	8	27	22	18	MP1108070	MP1108071
PG13.5	6-12	9	28	24	20	MP1309120	MP1309121
PG13.5	5-9	9	28	24	20	MP1309090	MP1309091
PG16	10-14	10	30	27	22	MP1610140	MP1610141
PG16	7-12	10	30	27	22	MP1610120	MP1610121
PG19	13-18	10	30	27/28	24	MP1910150	MP1910151
PG19	9-16	10	30	27/28	24	MP1910120	MP1910121
PG21	13-18	10	35	33	28	MP2110180	MP2110181
PG21	9-16	10	35	33	28	MP2110160	MP2110161
PG25	16-21	11	34	35/36	30	MP2511210	MP2511211
PG25	13-18	11	34	35/36	30	MP2511180	MP2511181
PG29	18-25	12	40	41/42	37	MP2912250	MP2912251
PG29	13-20	12	40	41/42	37	MP2912200	MP2912201
PG36	22-32	14	48	52/53	47	MP3614320	MP3614321
PG36	20-26	14	48	52/53	47	MP3614260	MP3614261
PG42	32-38	14	49	60/61	54	MP4214380	MP4214381
PG42	25-31	14	49	60/61	54	MP4214310	MP4214311
PG48	37-44	14	50	64/65	59	MP4814440	MP4814441
PG48	29-35	14	50	64/65	59	MP4814350	MP4814351
PG63	42-50	27	60	72	70	MP6327500	MP6327501

Metric type metal cable glands

Thread	Ømm	GLmm	Hmm	mm	AGmm	Order NO.
M12X1.5	3-6.5	5	19	14	12	T.M120506
M12X1.5	2-5	5	19	14	12	T.M120505
M16X1.5	4-8	6	20	17	16	T.M160608
M16X1.5	2-6	6	20	17	16	T.M160606
M16X1.5	5-10	6	21	20	16	T.M160610
M16X1.5	3-7	6	21	20	16	T.M160607
M18X1.5	5-10	6	21	20	18	T.M180610
M18X1.5	3-7	6	21	20	18	T.M180607
M20X1.5	6-12	6.5	22	22	20	T.M200712
M20X1.5	5-9	6.5	22	22	20	T.M200709
M20X1.5	10-14	6.5	23	24	20	T.M200714
M20X1.5	7-12	6.5	23	24	20	T.M200712
M22X1.5	10-14	6.5	23	24	22	T.M220714
M22X1.5	7-12	6.5	23	24	22	T.M220712
M25X1.5	13-18	7	25	30	25	T.M250718
M25X1.5	9-16	7	25	30	25	T.M250716
M32X1.5	18-25	8	29	40	32	T.M320825
M32X1.5	13-20	8	29	40	32	T.M320820
M40X1.5	22-32	8	35	50	40	T.M400832
M40X1.5	20-26	8	35	50	40	T.M400826
M50X1.5	32-38	9	37	57	50	T.M500938
M50X1.5	25-31	9	37	57	50	T.M500931
M63X1.5	37-44	10	38	68	63	T.M631044
M63X1.5	29-35	10	38	68	63	T.M631035

Cable Glands
1

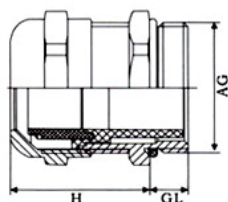

- Material: Brass with nickel plated
- Clamp piece: PA
- Seal piece: NBR & EPDM
- Protection class to: IP68 (tighten part)
- Temperature range: -40°C to 100°C, short time to 120°C

NPT series metal cable glands

Thread	Ø ₁	GL	H	Ø ₂	AG	Order NO.
	mm	mm	mm	mm	mm	
NPT3/8"	4-8	15	20	17/19	17	T.N381508
NPT3/8"	2-6	15	20	17/19	17	T.N381506
NPT1/2"	6-12	13	22	22/24	21.2	T.N121312
NPT1/2"	5-9	13	22	22/24	21.2	T.N121309
NPT3/4"	13-18	15	25	30/33	26.2	T.N341518
NPT3/4"	9-16	15	25	30/33	26.2	T.N341516
NPT1"	18-25	16	29	40/41	33.3	T.N101625
NPT1"	13-20	16	29	40/41	33.3	T.N101620
NPT1 1/4"	18-25	18	29	40/50	42	T.N151825
NPT1 1/4"	18-25	18	29	40/50	42	T.N151820
NPT1 1/2"	22-32	15	35	50/57	48	T.N131832
NPT1 1/2"	20-26	15	35	50/57	48	T.N131826

G series metal cable glands

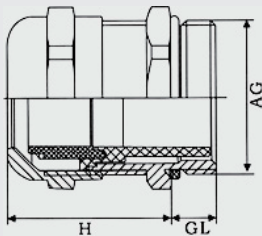
Thread	Ø ₁	GL	H	Ø ₂	AG	Order NO.
	mm	mm	mm	mm	mm	
G1/4"	3-6.5	8	19	14/17	13.1	T.G140806
G1/4"	2-5	8	19	14/17	13.1	T.G140805
G3/8"	4-8	15	20	17/20	16.6	T.G381508
G3/8"	2-6	15	20	17/20	16.6	T.G381506
G1/2"	6-12	13	22	22/24	20.9	T.G121312
G1/2"	5-9	13	22	22/24	20.9	T.G121309
G3/4"	13-18	15	25	30	26.4	T.G341518
G3/4"	9-16	15	25	30	26.4	T.G341516
G1"	18-25	15	29	40/41	33.2	T.G101625
G1"	13-20	15	29	40/41	33.2	T.G101620
G1 1/4"	18-25	15	29	40/50	41.9	T.G151525
G1 1/4"	13-20	15	29	40/50	41.9	T.G151520
G1 1/2"	22-32	15	35	50/57	47.8	T.G131532
G1 1/2"	20-26	15	35	50/57	47.8	T.G131526
G2"	37-44	15	38	64/68	59.6	T.G201544
G2"	29-34	15	38	64/68	59.6	T.G201535

Dimension




- Material: Brass with nickel plated
- Clamp piece: PA
- Seal piece: NBR & EPDM
- Protection class to: IP68 (tighten part)
- Temperature range: -40°C to 100°C, short time to 120°C

Dimension



PG series Metric type screw thread cable glands

Thread	Ømm	GL mm	H mm	W mm	AG mm	Order NO.
PG7	3-6.5	10	19	14	12.5	T.P071006
PG7	2-5	10	19	14	12.5	T.P071005
PG9	4-8	10	20	17	15.2	T.P091008
PG9	2-6	10	20	17	15.2	T.P091006
PG11	5-10	10	21	20	18.6	T.P111010
PG11	3-7	10	21	20	18.6	T.P111007
PG13.5	6-12	10	22	22	20.4	T.P131012
PG13.5	5-9	10	22	22	20.4	T.P131009
PG16	10-14	10	23	24	22.5	T.P161014
PG16	7-12	10	23	24	22.5	T.P161012
PG21	13-18	12	25	30	28.3	T.P211218
PG21	9-16	12	25	30	28.3	T.P211216
PG29	18-25	12	29	40	37	T.P291225
PG29	13-20	12	29	40	37	T.P291220
PG36	22-32	15	35	50	47	T.P361532
PG36	20-26	15	35	50	47	T.P361526
PG42	32-38	15	37	57	54	T.P421538
PG42	25-31	15	37	57	54	T.P421531
PG48	37-44	15	38	64	59.3	T.P481544
PG48	29-35	15	38	64	59.3	T.P481535

Metric type metal cable glands-lengthen

Thread	Ømm	GL mm	H mm	W mm	AG mm	Order NO.
M12X1.5	3-6.5	10	19	14	12	T.M121006
M12X1.5	2-5	10	19	14	12	T.M121005
M16X1.5	4-8	10	20	17	16	T.M161008
M16X1.5	2-6	10	20	17	16	T.M161006
M16X1.5	5-10	10	21	20	16	T.M161010
M16X1.5	3-7	10	21	20	16	T.M161007
M18X1.5	5-10	10	21	20	18	T.M181010
M18X1.5	3-7	10	21	20	18	T.M181007
M20X1.5	6-12	10	22	22	20	T.M201012
M20X1.5	5-9	10	22	22	20	T.M201009
M20X1.5	10-14	10	23	24	20	T.M201014
M20X1.5	7-12	10	23	24	20	T.M201012
M22X1.5	10-14	10	23	24	22	T.M221014
M22X1.5	7-12	10	23	24	22	T.M221012
M25X1.5	13-18	12	25	30	25	T.M251218
M25X1.5	9-16	12	25	30	25	T.M251216
M32X1.5	18-25	12	29	40	32	T.M321225
M32X1.5	13-20	12	29	40	32	T.M321220
M40X1.5	22-32	15	35	50	40	T.M401532
M40X1.5	20-26	15	35	50	40	T.M401526
M50X1.5	32-38	15	37	57	50	T.M501538
M50X1.5	25-31	15	37	57	50	T.M501531
M63X1.5	37-44	15	38	68	63	T.M631544
M63X1.5	29-35	15	38	68	63	T.M631535

Cable Glands
1

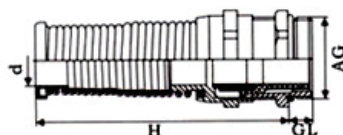

- Material: Brass with nickel plated
- Clamp piece: PA
- Seal piece: NBR & EPDM
- Protection class to: IP68 (tighten part)
- Temperature range: -40°C to 100°C, short time to 120°C

PG series metal cable glands - breakproof

Thread	Øk mm	GL mm	H mm	h mm	W mm	AG mm	Order NO.
PG7	3-6.5	5	55	6.8	14	12.5	T.P070506F
PG7	2-5	5	55	6.8	14	12.5	T.P070505F
PG9	4-8	6	66	8.2	17	15.2	T.P090608F
PG9	2-6	6	66	8.2	17	15.2	T.P090606F
PG11	5-10	6	77	10.3	20	18.6	T.P110610F
PG11	3-7	6	77	10.3	20	18.6	T.P110607F
PG13.5	6-12	6.5	88	12.3	22	20.4	T.P130712F
PG13.5	5-9	6.5	88	12.3	22	20.4	T.P130709F
PG16	10-14	6.5	98	14.3	24	22.5	T.P160714F
PG16	7-12	6.5	98	14.3	24	22.5	T.P160712F
PG21	13-18	7	111	18.4	30	28.3	T.P210718F
PG21	9-16	7	111	18.4	30	28.3	T.P210716F

Metric type metal cable glands-breakproof

Thread	Øk mm	GL mm	H mm	h mm	W mm	AG mm	Order NO.
M12X1.5	3-6.5	5	55	6.8	14	12	T.M120506F
M12X1.5	2-5	5	55	6.8	14	12	T.M120505F
M16X1.5	4-8	6	66	8.2	17	16	T.M160608F
M16X1.5	2-6	6	66	8.2	17	16	T.M160606F
M16X1.5	5-10	6	77	10.3	20	16	T.M160610F
M16X1.5	3-7	6	77	10.3	20	16	T.M160607F
M18X1.5	5-10	6	77	10.3	20	18	T.M180610F
M18X1.5	3-7	6	77	10.3	20	18	T.M180607F
M20X1.5	6-12	6.5	88	12.3	22	20	T.M200712F
M20X1.5	5-9	6.5	88	12.3	22	20	T.M200709F
M20X1.5	10-14	6.5	98	14.3	24	20	T.M200714F
M20X1.5	7-12	6.5	98	14.3	24	20	T.M200712F
M22X1.5	10-14	6.5	98	14.3	24	22	T.M220714F
M22X1.5	7-12	6.5	98	14.3	24	22	T.M220712F
M25X1.5	13-18	7	111	18.4	30	25	T.M250718F
M25X1.5	9-16	7	111	18.4	30	25	T.M250716F

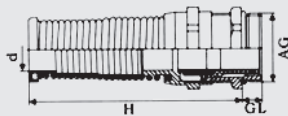
Dimension


Cable Glands



- Material: Brass with nickel plated
- Clamp piece: PA
- Seal piece: NBR & EPDM
- Protection class to: IP68 (tighten part)
- Temperature range: -40°C to 100°C, short time to 120°C

Dimension



NPT/G series metal cable glands - breakproof

Thread	Ø	GL	H	h	W	AG	Order NO.
	mm	mm	mm	mm	mm	mm	
NPT3/8"	4-8	15	66	8.2	17/19	17	T.N381508
NPT3/8"	2-6	15	66	8.2	17/19	17	T.N381506
NPT1/2"	6-12	13	88	12.3	22/24	21.2	T.N121312
NPT1/2"	5-9	13	88	12.3	22/24	21.2	T.N121309
NPT3/4"	13-18	15	111	18.4	30/33	26.2	T.N341518
NPT3/4"	9-16	15	111	18.4	30/33	26.2	T.N341516

G1/4"	3-6.5	8	19	6.8	14/17	13.1	T.G140806
G1/4"	2-5	8	19	6.8	14/17	13.1	T.G140805
G3/8"	4-8	15	20	8.2	17/20	16.6	T.G381508
G3/8"	2-6	15	20	8.2	17/20	16.6	T.G381506
G1/2"	6-12	13	22	12.3	22/24	20.9	T.G121312
G1/2"	5-9	13	22	12.3	22/24	20.9	T.G121309
G3/4"	13-18	15	25	18.4	30	26.4	T.G341518
G3/4"	9-16	15	25	18.4	30	26.4	T.G341516

PG series metal cable glands - breakproof

Thread	Ømm	GL mm	H mm	h mm	W mm	AG mm	Order NO.
PG7	3-6.5	10	55	6.8	14	12.5	T.P071006F
PG7	2-5	10	55	6.8	14	12.5	T.P071005F
PG9	4-8	10	66	8.2	17	15.2	T.P091008F
PG9	2-9	10	66	8.2	17	15.2	T.P091006F
PG11	5-10	10	77	10.3	20	18.6	T.P111010F
PG11	3-7	10	77	10.3	20	18.6	T.P111007F
PG13.5	6-12	10	88	12.3	22	20.4	T.P131012F
PG13.5	5-9	10	88	12.3	22	20.4	T.P131009F
PG16	10-14	10	98	14.3	24	22.5	T.P161014F
PG16	7-12	10	98	14.3	24	22.5	T.P161012F
PG21	13-18	12	111	18.4	30	28.3	T.P211218F
PG21	9-16	12	111	18.4	30	28.3	T.P211216F

Metric type metal cable glands-lengthen & breakproof

Thread	Ø	GL	H	h	W	AG	Order NO.
	mm	mm	mm	mm	mm	mm	
M12X1.5	3-6.5	10	55	6.8	14	12	T.M121006F
M12X1.5	2-5	10	55	6.8	14	12	T.M121005F
M16X1.5	4-8	10	66	8.2	17	16	T.M161008F
M16X1.5	2-6	10	66	8.2	17	16	T.M161006F
M16X1.5	5-10	10	77	10.3	20	16	T.M161010F
M16X1.5	3-7	10	77	10.3	20	16	T.M161007F
M18X1.5	5-10	10	77	10.3	20	18	T.M181010F
M18X1.5	3-7	10	77	10.3	20	18	T.M181007F
M20X1.5	6-12	10	88	12.3	22	20	T.M201012F
M20X1.5	5-9	10	88	12.3	22	20	T.M201009F
M20X1.5	10-14	10	98	14.3	24	20	T.M201014F
M20X1.5	7-12	10	98	14.3	24	20	T.M201012F
M22X1.5	10-14	10	98	14.3	24	22	T.M221014F
M22X1.5	7-12	10	98	14.3	24	22	T.M221012F
M25X1.5	13-18	12	111	18.4	30	25	T.M251218F
M25X1.5	9-16	12	111	18.4	30	25	T.M251216F

1


- Material: Brass with nickel plated
- Seal piece: NBR & EPDM
- Protection class to: IP65
- Temperature range: -40°C to 100°C

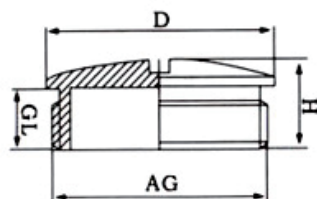
PG series round stopple

Thread	GLmm	Hmm	Dmm	AGmm	Order NO.
PG7	5	8	14	12.5	T.P071
PG9	6	9	17	15.2	T.P091
PG11	6	9	20	18.6	T.P111
PG13.5	6.5	9.5	22	20.4	T.P131
PG16	6.5	9.5	24	22.5	T.P161
PG21	7	11	30	28.3	T.P211
PG29	8	12	39	37	T.P291
PG36	9	15	50	47	T.P361
PG42	10	16	57	54	T.P421
PG48	10	16	64	59.3	T.P481

Metric type round stopple

Thread	GLmm	Hmm	Dmm	AGmm	Order NO.
M12X1.5	5	8	14	12	T.M121
M16X1.5	6	9	17	16	T.M161
M18X1.5	6	9	20	18	T.M181
M20X1.5	6.5	9.5	22	20	T.M201
M22X1.5	6.5	9.5	24	22	T.M221
M25X1.5	7	11	28	25	T.M251
M32X1.5	8	12	35	32	T.M321
M40X1.5	9	15	44	40	T.M401
M50X1.5	10	16	54	50	T.M501
M63X1.5	10	16	70	63	T.M631

Dimension





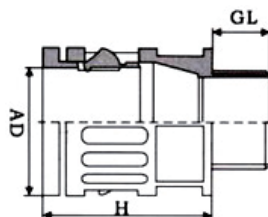
- Material: PA
- Seal piece: NBR & EPDM
- Protection class to: IP54
- Temperature range: -20°C to 80°C

PG series quick conduit connector

Thread	GLmm	Hmm	AGmm	For soft tube	Order NO.
PG7	10	22.5	12.5	AD10	P07D101
PG9	10	22.5	15.2	AD13	P09D131
PG11	10	25	18.6	AD15.8	P11D161
PG13.5	11	29	20.4	AD18	P13D181
PG16	12	31.5	22.5	AD21.2	P16D211
PG21	12	34	28.3	AD28.5	P21D281
PG29	12	36	37	AD34.5	P29D341
PG36	13	38.5	47	AD42.5	P36D421
PG48	15	39	59.3	AD54.5	P48D541

Metric type quick conduit connector

Thread	GLmm	Hmm	AGmm	For soft tube	Order NO.
M12X1.5	10	22.5	12	AD10	M12D101
M16X1.5	10	22.5	16	AD13	M16D131
M18X1.5	10	25	18	AD15.8	M18D161
M20X1.5	11	29	20	AD18	M20D181
M22X1.5	12	31.5	22	AD21.2	M22D211
M25X1.5	12	34	25	AD28.5	M25D281
M32X1.5	12	36	32	AD34.5	M32D341
M40X1.5	13	38.5	40	AD42.5	M40D421
M63X1.5	15	39	63	AD54.5	M63D541

Dimension


1



- Material:PA
- Seal piece:NBR & EPDM
- Protection class to:IP54
- Temperature range:-20℃ to 80℃

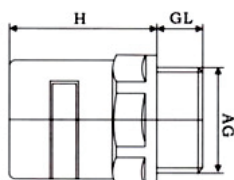


- Material:PA
- Seal piece:NBR & EPDM
- Protection class to:IP54
- Temperature range:-20℃ to 80℃

NPT/G series metal cable glands - breakproof

Thread	GLmm	Hmm	AGmm	For soft tube	Order NO.
NPT3/8	15	30	17	AD13	N38D131
NPT1/2	13	32	21.2	AD21.2	N12D211
NPT3/4	13	36	26.2	AD28.5	N34D281
NPT1"	15	38	33.3	AD34.5	N10D341

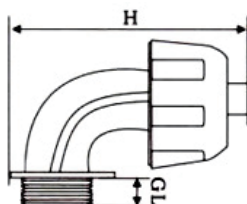
Dimension



G series quick conduit connector - bending angle

Thread	GLmm	Hmm	AGmm	For soft tube	Order NO.
G1/2"	13	81	20.9	AD21.2	G12D211W
G3/4"	15	90	26.4	AD28.5	G34D281W

Dimension

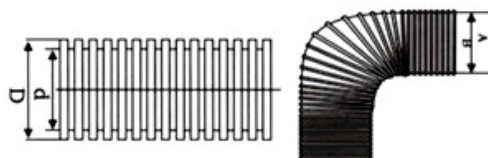




- Material:PE
- Bendness performance:excellent
- Compression resistant 100mm:
>200N
- Anti corrossion:anti-alkahi
- Temperature range:-20℃ to 80℃

AD series polyethylene (PE) pipe

Thread	dmm	Dmm	Order NO.
AD10	7	10	D101PE
AD13	10	13	D131PE
AD15.8	13	15.8	D161PE
AD18	14	18	D181PE
AD20	16	20	D201PE
AD21.2	17	21.2	D211PE
AD25	20	25	D251PE
AD28.5	22.5	28.5	D281PE
AD34.5	28.5	34.5	D341PE
AD42.5	35	42.5	D421PE
AD54.5	43	54.5	D541PE

Dimension


- Material:PE
- Bendness performance:excellent
- Compression resistant 100mm:
>450N
- Anti corrossion:anti-alkahi
- Temperature range:-20℃ to 100℃

AD series nylon PA pipe

Thread	dmm	Dmm	Order NO.
AD10	7	10	D101PA
AD13	10	13	D131PA
AD15.8	13	15.8	D161PA
AD18	14	18	D181PA
AD20	16	20	D201PA
AD21.2	17	21.2	D211PA
AD25	20	25	D251PA
AD28.5	22.5	28.5	D281PA
AD34.5	28.5	34.5	D341PA
AD42.5	35	42.5	D421PA
AD54.5	43	54.5	D541PA

Dimension
