

70-020 FLEX-PROTECTING LONG THREAD SUPER GLANDS (A TYPE)

PATENTED

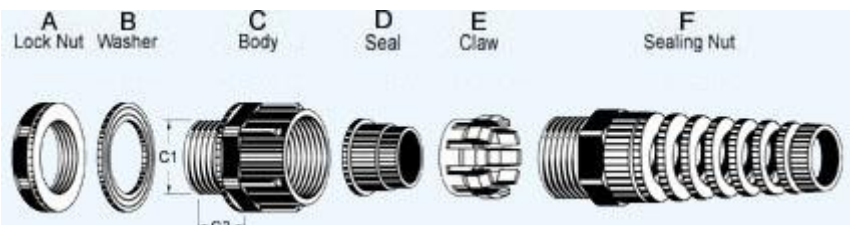
IP68  



MGA - P



M - P



- . Thread : Can be screwed directly onto Metric threaded mounting hole.
- . Materials : Nylon PA 66 (Flammability UL 94V-2) for A.C.E.F parts, EPDM rubber for B.D parts.
- . Colours : Standard in black and gray.
- . Working Temp. : -40 oC to 100 oC.
- . Installation : Time saving, cable can be easily once inserted into through the gland without dismantling the parts.
- . Claw : The claws and seals of excellent design can hold cable firmly and have a wider cable range.
- . Features : Resistant to salt water, weak acid, alcohol, oil, grease and common solvency.
- . Sealing Nut : Flexible protector in order to prevent harmful bends and prolong life of cable.

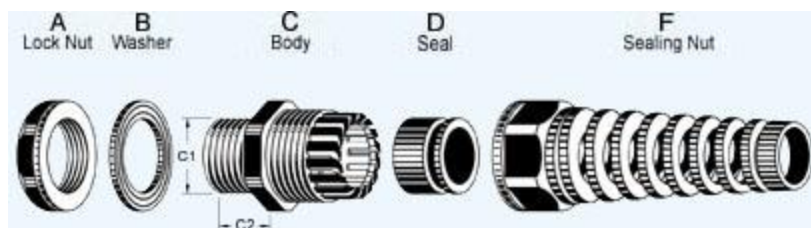
* Without lock nut : Please mark "- XA" following the Cat. No. For example : MG20A - P - 13B - XA is excluding lock nut. Unit : mm

	Threaded Entry Metric	Cat. No.		Cable Range \varnothing	Thread O. D. C1	Panel Mounting Hole	Thread Length C2	Spanner Size A & F	Std.Pkg. pcs
		Black	Gray						
Long	M12 X 1.5	MG12A - P - 05B	MG12A - P - 05G	5.3 ~ 3	12	12 ~ 12.3	9	18 / 19	10
	M12 X 1.5	MG12A - P - 08B	MG12A - P - 08G	8 ~ 4.5	12	12 ~ 12.3	9	18 / 19	10
	M16 X 1.5	MG16A - P - 06B	MG16A - P - 06G	7 ~ 4	16	16 ~ 16.3	15	22 / 22	10
	M16 X 1.5	MG16A - P - 10B	MG16A - P - 10G	10 ~ 6	16	16 ~ 16.3	15	22 / 22	10
	M20 X 1.5	MG20A - P - 10B	MG20A - P - 10G	11 ~ 6	20	20 ~ 20.3	15	27 / 27	10
Th	M20 X 1.5	MG20A - P - 13B	MG20A - P - 13G	13 ~ 8	20	20 ~ 20.3	15	27 / 27	10
	M25 X 1.5	MG25A - P - 16B	MG25A - P - 16G	15.8 ~ 10	25	25 ~ 25.4	15	33 / 33	10
r e a d	M16 X 1.5	M16 - P - 07B	-	7 ~ 4	16	16 ~ 16.3	15	22 / 19	10
	M16 X 1.5	M16 - P - 09B	-	9 ~ 6	16	16 ~ 16.3	15	22 / 19	10
	M20 X 1.5	M20 - P - 09B	-	9 ~ 6	20	20 ~ 20.3	15	27 / 24	10
	M20 X 1.5	M20 - P - 13B	-	12.7 ~ 8	20	20 ~ 20.3	15	27 / 24	10

70-050 FLEX-PROTECTING LONG THREAD SUPER GLANDS (B TYPE)

PATENTED

IP68  



- . Thread : Can be screwed directly onto Metric threaded mounting hole.
- . Materials : Nylon PA 66 (Flammability UL 94V-2) for A.C.F parts, EPDM rubber for B.D parts.
- . Colours : Standard in black and gray.
- . Working Temp. : -40 °C to 100 °C.
- . Installation : Time saving, cable can be easily once inserted into through the gland without dismantling the parts.
- . Claw : The claws and seals of excellent design can hold cable firmly and have a wider cable range.
- . Features : Resistant to salt water, weak acid, alcohol, oil, grease and common solvency.
- . Sealing Nut : Flexible protector in order to prevent harmful bends and prolong life of cable.

* Without lock nut : Please mark "- XA" following the Cat. No. For example : MGB20 - P - 13B - XA is excluding lock nut.

Unit : mm

Threaded Entry Metric	Cat. No.		Cable Range \varnothing	Thread O. D. C1	Panel Mounting Hole	Thread Length C2	Spanner Size A & F	Std.Pkg. pcs	
	Black	Gray							
L	M12 X 1.5	MGB20L - P - 05B	MGB20L - P - 05G	5.5 ~ 3	12	16 ~ 12.3	15	18 / 19	10
	M12 X 1.5	MGB20L - P - 08B	MGB20L - P - 08G	8 ~ 4	12	16 ~ 12.3	15	18 / 19	10
g	M16 X 1.5	MGB16 - P - 07B	MGB16 - P - 07G	7 ~ 4	16	16 ~ 16.3	15	22 / 22	10
	M16 X 1.5	MGB16 - P - 10B	MGB16 - P - 10G	10 ~ 6	16	16 ~ 16.3	15	22 / 22	10
T	M20 X 1.5	MGB20M - P - 08B	MGB20M - P - 08G	8.8 ~ 5	20	20 ~ 20.3	15	24 / 24	10
	M20 X 1.5	MGB20M - P - 11B	MGB20M - P - 11G	11.5 ~ 6	20	20 ~ 20.3	15	24 / 24	10
r	M20 X 1.5	MGB20 - P - 10B	MGB20 - P - 10G	11 ~ 6	20	20 ~ 20.3	15	27 / 27	10
	M20 X 1.5	MGB20 - P - 13B	MGB20 - P - 13G	13 ~ 8	20	20 ~ 20.3	15	27 / 27	10
a	M25 X 1.5	MGB25 - P - 16B	MGB25 - P - 16G	15.8 ~ 10	25	25 ~ 25.4	15	33 / 33	10

70-025 FLEX-PROTECTING SHORT THREAD SUPER GLANDS (A TYPE)

PATENTED

IP68  



MGA - P
FGA - P
PGA - P

NPA - P

- . Thread : Can be screwed directly onto Metric, G(PF), PG and NPT threaded mounting hole.
- . Materials : Nylon PA 66 (Flammability UL 94V-2) for A.C.E.F parts, EPDM rubber for B.D parts.
- . Colours : Standard in black and gray.
- . Working Temp. : -40 oC to 100 oC.
- . Installation : Time saving, cable can be easily once inserted into through the gland without dismantling the parts.
- . Claw : The claws and seals of excellent design can hold cable firmly and have a wider cable range.
- . Features : Resistant to salt water, weak acid, alcohol, oil, grease and common solvency.
- . Sealing Nut : Flexible protector in order to prevent harmful bends and prolong life of cable.

* Without lock nut : Please mark "- XA" following the Cat. No. For example : MG20A - P - 13B - ST - XA is excluding lock nut.

Unit : mm

Threaded Entry Metric	Cat. No.		Cable Range ∅	Thread O. D. C1	Panel Mounting Hole	Thread Length C2	Spanner Size A & F	Std.Pkg. pcs	
	Black	Gray							
M16 X 1.5	MG16A - P - 06B - ST	MG16A - P - 06G - ST	7 ~ 4	16	16 ~ 16.3	10	22 / 22	10	
M16 X 1.5	MG16A - P - 10B - ST	MG16A - P - 10G - ST	10 ~ 6	16	16.3 ~ 20	10	22 / 22	10	
M20 X 1.5	MG20A - P - 10B - ST	MG20A - P - 10G - ST	11 ~ 6	20	20 ~ 20.3	10	27 / 27	10	
M20 X 1.5	MG20A - P - 13B - ST	MG20A - P - 13G - ST	13 ~ 8	20	20.3 ~ 20	10	27 / 27	10	
M25 X 1.5	MG25A - P - 16B - ST	MG25A - P - 16G - ST	15.8 ~ 10	25	20 ~ 20.3	10	33 / 33	10	
					25 ~ 25.4				
S h o r t T h r e a d	M16 X 1.5	MG16AS - P - 05B	MG16AS - P - 05G	5.3 ~ 3	16	16 ~ 16.3	10	22 / 19	10
	M16 X 1.5	MG16AS - P - 08B	MG16AS - P - 08G	8 ~ 4.5	16	16.3 ~ 20	10	22 / 19	10
	M20 X 1.5	MG20AS - P - 06B	MG20AS - P - 06G	7 ~ 4	20	20 ~ 20.3	10	24 / 22	10
	M20 X 1.5	MG20AS - P - 10B	MG20AS - P - 10G	10 ~ 6	20	20.3 ~ 20	10	24 / 22	10
	M20 X 1.5	MG20AM - P - 08B	MG20AM - P - 08G	8.8 ~ 5	20	20 ~ 20.3	15	24 / 24	10
	M20 X 1.5	MG20AM - P - 11B	MG20AM - P - 11G	12 ~ 7	20	20.3 ~ 20	15	24 / 24	10
	M25 X 1.5	MG25AS - P - 10B	MG25AS - P - 10G	11 ~ 6	25	20 ~ 20.3	12	33 / 27	10
	M25 X 1.5	MG25AS - P - 13B	MG25AS - P - 13G	13 ~ 8	25	20.3 ~ 25	12	33 / 27	10
	M32 X 1.5	MG32AS - P - 16B	MG32AS - P - 16G	15.8 ~ 10	32	25 ~ 25.4	12	41 / 33	10
						25.4 ~ 32			
					32 ~ 32.4				
G (P F)	1/4	FGA13 - P - 05B	FGA13 - P - 05G	5.3 ~ 3	13.1	13.1 ~ 13.4	9	19 / 19	10
	1/4	FGA13 - P - 08B	FGA13 - P - 08G	8 ~ 4.5	13.1	13.4 ~ 16.6	9	19 / 19	10
	3/8	FGA17 - P - 06B	FGA17 - P - 06G	7 ~ 4	16.6	13.1 ~ 13.4	10	22 / 22	10
	3/8	FGA17 - P - 10B	FGA17 - P - 10G	10 ~ 6	16.6	13.4 ~ 16.6	10	22 / 22	10
	1/2	FGA21L - P - 10B	FGA21L - P - 10G	11 ~ 6	20.9	16.6 ~ 16.9	10	27 / 27	10
	1/2	FGA21L - P - 13B	FGA21L - P - 13G	13 ~ 8	20.9	16.9 ~ 16.6	10	27 / 27	10
	1/2	FGA21H - P - 10B	FGA21H - P - 10G	11 ~ 6	20.9	16.6 ~ 16.9	15	27 / 27	10
	1/2	FGA21H - P - 13B	FGA21H - P - 13G	13 ~ 8	20.9	16.9 ~ 16.6	15	27 / 27	10

	3/4	FGA26 - P - 16B	FGA26 - P - 16G	15.8 ~ 10	26.4	20.9 ~ 21.2 20.9 ~ 21.2 20.9 ~ 21.2 20.9 ~ 21.2 26.4 ~ 26.8	12	33 / 33	10
G (P F)	1/2 1/2 1/2 1/2 3/4 3/4 1	FGA21S - P - 06B FGA21S - P - 10B FGA21M - P - 08B FGA21M - P - 11B FGA26S - P - 10B FGA26S - P - 13B FGA33S - P - 16B	FGA21S - P - 06G FGA21S - P - 10G FGA21M - P - 08G FGA21M - P - 11G FGA26S - P - 10G FGA26S - P - 13G FGA33S - P - 16G	7 ~ 4 10 ~ 6 8.8 ~ 5 12 ~ 7 11 ~ 6 13 ~ 8 15.8 ~ 10	20.9 20.9 20.9 20.9 26.4 26.4 33.2	20.9 ~ 21.2 20.9 ~ 21.2 20.9 ~ 21.2 26.4 ~ 26.8 26.4 ~ 26.8 33.2 ~ 33.6	10 10 10 10 12 12 12	27 / 22 27 / 22 27 / 24 27 / 24 33 / 27 33 / 27 43 / 33	10 10 10 10 10 10 10
	PG 7 PG 7 PG 9 PG 9 PG 11 PG 11 PG 13.5 PG 13.5 PG 16 PG 16 PG 21	PGA7 - P - 05B PGA7 - P - 08B PGA9 - P - 05B PGA9 - P - 08B PGA11 - P - 06B PGA11 - P - 10B PGA13.5 - P - 08B PGA13.5 - P - 11B PGA16 - P - 10B PGA16 - P - 13B PGA21 - P - 16B	PGA7 - P - 05G PGA7 - P - 08G PGA9 - P - 05G PGA9 - P - 08G PGA11 - P - 06G PGA11 - P - 10G PGA13.5 - P - 08G PGA13.5 - P - 11G PGA16 - P - 10G PGA16 - P - 13G PGA21 - P - 16G	5.3 ~ 3 8 ~ 4.5 5.3 ~ 3 8 ~ 4.5 7 ~ 4 10 ~ 6 8.8 ~ 5 12 ~ 7 11 ~ 6 13 ~ 8 15.8 ~ 10	12.5 12.5 15.2 15.2 18.6 18.6 20.4 20.4 22.5 22.5 28.3	12.5 ~ 12.8 12.5 ~ 12.8 15.2 ~ 15.5 15.2 ~ 15.5 18.6 ~ 18.9 18.6 ~ 18.9 20.4 ~ 20.7 20.4 ~ 20.7 22.5 ~ 22.8 22.5 ~ 22.8 28.3 ~ 28.7	8.5 8.5 9 9 10 10 10 10 11 11 12.5	17 / 19 17 / 19 22 / 19 22 / 19 24 / 22 24 / 22 27 / 24 27 / 24 30 / 27 30 / 27 36 / 33	10 10 10 10 10 10 10 10 10 10 10
	NPT 3/8 NPT 3/8 NPT 1/2 NPT 1/2 NPT 3/4	NPA17 - P - 06B NPA17 - P - 10B NPA21 - P - 10B NPA21 - P - 13B NPA26 - P - 16B	NPA17 - P - 06G NPA17 - P - 10G NPA21 - P - 10G NPA21 - P - 13G NPA26 - P - 16G	7 ~ 4 10 ~ 6 11 ~ 6 13 ~ 8 15.8 ~ 10	16.6 16.6 20.9 20.9 26.4	- - - - -	13 13 13 13 15	22 22 27 27 33	10 10 10 10 10

70-055 FLEX-PROTECTING SHORT THREAD SUPER GLANDS (B TYPE)



- . Thread : Can be screwed directly onto Metric, G(PF), PG and NPT threaded mounting hole.
 - . Materials : Nylon PA 66 (Flammability UL 94V-2) for A.C.F parts, EPDM rubber for B.D parts.
 - . Colours : Standard in black and gray.
 - . Working Temp. : -40 oC to 100 oC.
 - . Installation : Time saving, cable can be easily once inserted into through the gland without dismantling the parts.
 - . Claw : The claws and seals of excellent design can hold cable firmly and have a wider cable range.
 - . Features : Resistant to salt water, weak acid, alcohol, oil, grease and common solvency.
 - . Sealing Nut : Flexible protector in order to prevent harmful bends and prolong life of cable.
- MGB - P NPB - P
 FGB - P
 PGB - P

* Without lock nut : Please mark"- XA" following the Cat. No. For example : MGB20 - P - 13B - ST - XA is excluding lock nut. Unit : mm

Threaded Entry Metric	Cat. No.		Cable Range \varnothing	Thread O. D. C1	Panel Mounting Hole	Thread Length C2	Spanner Size A & F	Std.Pkg. pcs	
	Black	Gray							
S h o r t	M16 X 1.5 M16 X 1.5 M20 X 1.5 M20 X 1.5 M20 X 1.5 M20 X 1.5 M25 X 1.5	MGB16 - P - 07B - ST	MGB16 - P - 07G - ST	7 ~ 4 10 ~ 6 8.8 ~ 5 11.5 ~ 6 11 ~ 6 13 ~ 8 15.8 ~ 10	16 16 20 20 20 20 25	16 ~ 16.3 16 ~ 16.3 20 ~ 20.3 20 ~ 20.3 20 ~ 20.3 20 ~ 20.3 25 ~ 25.4	10 10 10 10 10 10 10	22 / 22 22 / 22 24 / 24 24 / 24 27 / 27 27 / 27 33 / 33	10 10 10 10 10 10 10
		MGB16 - P - 10B - ST	MGB16 - P - 10G - ST						
		MGB20M - P - 08B - ST	MGB20M - P - 08G - ST						
		MGB20M - P - 11B - ST	MGB20M - P - 11G - ST						
		MGB20 - P - 10B - ST	MGB20 - P - 10G - ST						
		MGB20 - P - 13B - ST	MGB20 - P - 13G - ST						
		MGB25 - P - 16B - ST	MGB25 - P - 16G - ST						
		T h r e a d	G (P F) ()						
3/8 FGB17 - P - 10B	FGB17 - P - 10G			10 ~ 6	16.6	16.6 ~ 16.9	10	22 / 22	10
1/2 FGB21S - P - 07B	FGB21S - P - 07G			7 ~ 4	20.9	20.9 ~ 21.2	10	27 / 22	10
1/2 FGB21S - P - 10B	FGB21S - P - 10G			10 ~ 6	20.9	20.9 ~ 21.2	10	27 / 22	10
1/2 FGB21M - P - 08B	FGB21M - P - 08G			8.8 ~ 5	20.9	20.9 ~ 21.2	10	27 / 24	10
1/2 FGB21M - P - 11B	FGB21M - P - 11G			11.5 ~ 6	20.9	20.9 ~ 21.2	10	27 / 24	10
1/2 FGB21L - P - 10B	FGB21L - P - 10G			11 ~ 6	20.9	20.9 ~ 21.2	12	27 / 27	10
1/2 FGB21L - P - 13B	FGB21L - P - 13G			13 ~ 8	20.9	20.9 ~ 21.2	12	27 / 27	10
3/4 FGB26 - P - 16B	FGB26 - P - 16G			15.8 ~ 10	26.4	26.4 ~ 26.8	12	33 / 33	10
PG 9	PGB9 - P - 05B			PGB9 - P - 05G	5.5 ~ 3	15.2	15.2 ~ 15.5	8.5	22 / 19
PG 9	PGB9 - P - 09B	PGB9 - P - 09G	8 ~ 4	15.2	15.2 ~ 15.5	8.5	22 / 19	10	
PG 11	PGB11 - P - 07B	PGB11 - P - 07G	7 ~ 4	18.6	18.6 ~ 18.9	9	24 / 22	10	
PG 11	PGB11 - P - 10B	PGB11 - P - 10G	10 ~ 6	18.6	18.6 ~ 18.9	9	24 / 22	10	
PG 13.5	PGB13.5 - P - 08B	PGB13.5 - P - 08G	8.8 ~ 5	20.4	20.4 ~ 20.7	10	27 / 24	10	
PG 13.5	PGB13.5 - P - 11B	PGB13.5 - P - 11G	11.5 ~ 6	20.4	20.4 ~ 20.7	10	27 / 24	10	
PG 16	PGB16 - P - 10B	PGB16 - P - 10G	11 ~ 6	22.5	22.5 ~ 22.8	10	30 / 27	10	
PG 16	PGB16 - P - 13B	PGB16 - P - 13G	13 ~ 8	22.5	22.5 ~ 22.8	10	30 / 27	10	
PG 21	PGB21 - P - 16B	PGB21 - P - 16G	15.8 ~ 10	28.3	28.3 ~ 28.7	12	36 / 33	10	

NPT 3/8	NPB17 - P - 07B	NPB17 - P - 07G	7 ~ 4	17.1	-	15	22	10
NPT 3/8	NPB17 - P - 10B	NPB17 - P - 10G	10 ~ 6	17.1	-	15	22	10
NPT 1/2	NPB21 - P - 10B	NPB21 - P - 10G	11 ~ 6	21.3	-	15	27	10
NPT 1/2	NPB21 - P - 13B	NPB21 - P - 13G	13 ~ 8	21.3	-	15	27	10
NPT 3/4	NPB26 - P - 16B	NPB26 - P - 16G	15.8 ~ 10	26.6	-	15	33	10



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