

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

PATENTED

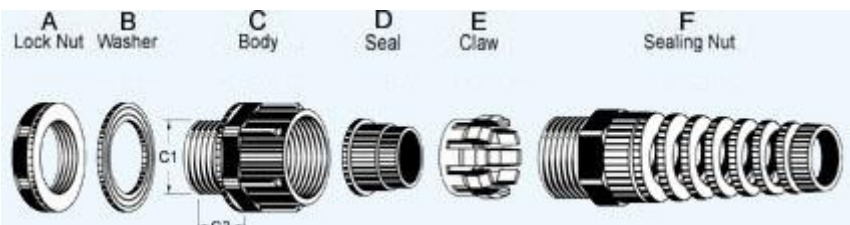
IP68  



MGA - P



M - P



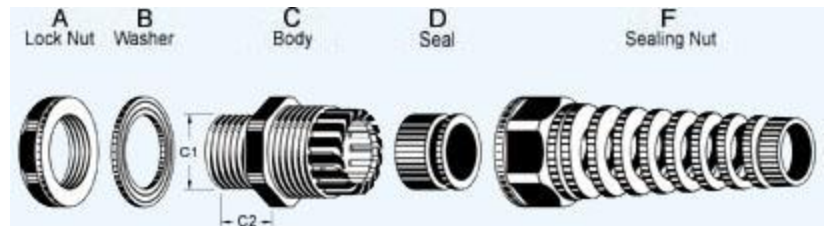
- . Thread : Can be screwed directly onto Metric threaded mounting hole.
- . Materials : Nylon PA 66 (Flammability UL 94V-2) for A.C.E.F parts, EPDM rubber for B.D parts.
- . Colours : Standard in black and gray.
- . Working Temp. : -40 oC to 100 oC.
- . Installation : Time saving, cable can be easily 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
Tight	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
Standard	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



- . 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 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 : 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



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 ~ 32.4			
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 ~ 16.9	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	FGA21S - P - 06B	FGA21S - P - 06G	7 ~ 4	20.9	20.9 ~ 21.2 20.9 ~ 21.2	10	27 / 22	10
	1/2	FGA21S - P - 10B	FGA21S - P - 10G	10 ~ 6	20.9	20.9 ~ 21.2	10	27 / 22	10
	1/2	FGA21M - P - 08B	FGA21M - P - 08G	8.8 ~ 5	20.9	20.9 ~ 21.2	10	27 / 24	10
	1/2	FGA21M - P - 11B	FGA21M - P - 11G	12 ~ 7	20.9	20.9 ~ 21.2	10	27 / 24	10
	3/4	FGA26S - P - 10B	FGA26S - P - 10G	11 ~ 6	26.4	26.4 ~ 26.8	12	33 / 27	10
	3/4	FGA26S - P - 13B	FGA26S - P - 13G	13 ~ 8	26.4	26.4 ~ 26.8	12	33 / 27	10
	1	FGA33S - P - 16B	FGA33S - P - 16G	15.8 ~ 10	33.2	33.2 ~ 33.6	12	43 / 33	10
PG 7	PGA7 - P - 05B	PGA7 - P - 05G	5.3 ~ 3	12.5	12.5 ~ 12.8 12.5 ~ 12.8 15.2 ~ 15.5	8.5	17 / 19	10	
PG 7	PGA7 - P - 08B	PGA7 - P - 08G	8 ~ 4.5	12.5	15.2 ~ 15.5	8.5	17 / 19	10	
PG 9	PGA9 - P - 05B	PGA9 - P - 05G	5.3 ~ 3	15.2	18.6 ~ 18.9	9	22 / 19	10	
PG 9	PGA9 - P - 08B	PGA9 - P - 08G	8 ~ 4.5	15.2	18.6 ~ 18.9	9	22 / 19	10	
PG 11	PGA11 - P - 06B	PGA11 - P - 06G	7 ~ 4	18.6	20.4 ~ 20.7	10	24 / 22	10	
PG 11	PGA11 - P - 10B	PGA11 - P - 10G	10 ~ 6	18.6	20.4 ~ 20.7	10	24 / 22	10	
PG 13.5	PGA13.5 - P - 08B	PGA13.5 - P - 08G	8.8 ~ 5	20.4	20.4 ~ 20.7	10	27 / 24	10	
PG 13.5	PGA13.5 - P - 11B	PGA13.5 - P - 11G	12 ~ 7	20.4	20.4 ~ 20.7	10	27 / 24	10	
PG 16	PGA16 - P - 10B	PGA16 - P - 10G	11 ~ 6	22.5	22.5 ~ 22.8	11	30 / 27	10	
PG 16	PGA16 - P - 13B	PGA16 - P - 13G	13 ~ 8	22.5	22.5 ~ 22.8	11	30 / 27	10	
PG 21	PGA21 - P - 16B	PGA21 - P - 16G	15.8 ~ 10	28.3	28.3 ~ 28.7	12.5	36 / 33	10	
NPT 3/8	NPA17 - P - 06B	NPA17 - P - 06G	7 ~ 4	16.6	-	13	22	10	
NPT 3/8	NPA17 - P - 10B	NPA17 - P - 10G	10 ~ 6	16.6	-	13	22	10	
NPT 1/2	NPA21 - P - 10B	NPA21 - P - 10G	11 ~ 6	20.9	-	13	27	10	
NPT 1/2	NPA21 - P - 13B	NPA21 - P - 13G	13 ~ 8	20.9	-	13	27	10	
NPT 3/4	NPA26 - P - 16B	NPA26 - P - 16G	15.8 ~ 10	26.4	-	15	33	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 ∅	Thread O. D. C1	Panel Mounting Hole	Thread Length C2	Spanner Size A & F	Std.Pkg. pcs								
	Black	Gray														
S h o r t		MGB16 - P - 07B - ST	MGB16 - P - 07G - ST	7 ~ 4	16	16 ~ 16.3	10	22 / 22	10							
		MGB16 - P - 10B - ST	MGB16 - P - 10G - ST													
		MGB20M - P - 08B - ST	MGB20M - P - 08G - ST							10 ~ 6	16	16 ~ 16.3	10	22 / 22	10	
		M20 X 1.5	MGB20M - P - 11B - ST							MGB20M - P - 11G - ST	8.8 ~ 5	20	20 ~ 20.3	10	24 / 24	10
		M20 X 1.5	MGB20 - P - 10B - ST							MGB20 - P - 10G - ST	11.5 ~ 6	20	20 ~ 20.3	10	24 / 24	10
		M20 X 1.5	MGB20 - P - 10B - ST							MGB20 - P - 10G - ST	11 ~ 6	20	20 ~ 20.3	10	27 / 27	10
		M20 X 1.5	MGB20 - P - 13B - ST							MGB20 - P - 13G - ST	13 ~ 8	20	20 ~ 20.3	10	27 / 27	10
		M25 X 1.5	MGB20 - P - 13B - ST							MGB20 - P - 13G - ST	15.8 ~ 10	25	25 ~ 25.4	10	33 / 33	10
T h r e a d	G (P F)	3/8	FGB17 - P - 07B	FGB17 - P - 07G	7 ~ 4	16.6	16.6 ~ 16.9	10	22 / 22	10						
		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	10				
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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