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Product Catalog

www.metalcablegland.com

YUEQING ROPPEX ELECTRIC CO., LTD.

As a leading manufacturer of cable glands in China, Roppex Electric has over 15 years of experience in the marketplace.

Our cable glands include ss stainless steel cable gland, brass cable gland, explosion-proof cable gland, EMC cable gland, double compression cable gland, nylon cable gland, armoured cable glands, and breathable cable gland.

You can trust our quality because all our cable gland has qualified by CE, ROHS, ATEX, and IP68 waterproof certifications.

We have an extraordinary design team, top-class dies casting technology, top-class polishing technology, top-class surface treatment technology, and we have a professional QC inspection and packaging team.

Roppex Electric has 15 years experience in exporting cable glands to Europe, North America, and the Australian markets.



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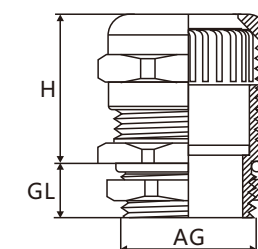
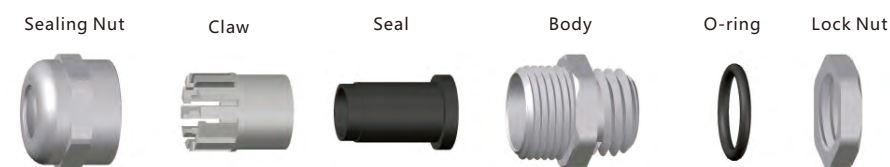
Brass Cable Gland

Yueqing Roppex Electric Co., Ltd.

M



Material: Nickel-plated brass
 Claw: PA66 (Nylon), UL94-V2
 Hermetic seal: NBR, Silicone rubber
 O-Ring: NBR, Silicone rubber
 Protection degree: IP68-10 bar
 Temperature: Static state: -40°C to 100°C, Short time to 120 °C ;
 Dynamic state: -20°C to 80°C, Short time to 100°C



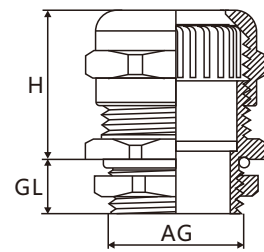
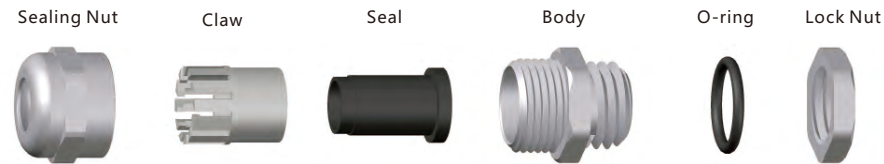
Specification parameter

Item	Range	Thread Length GL	Thread O.D. AG	Joint Length H	Spanner Size	Code
M8×1	2-5	5	8.0	13.5	12	NPM8
M10×1	3-6.5	6.5	10.0	17	14	NPM10
M12×1.5	3-6.5	6.5	12.0	17	14	NPM12
M14×1.5	4-8	8	14.0	18	17	NPM14
M16×1.5	4-8	8	16.0	19	18	NPM16
M18×1.5	5-10	8	18.0	20	20	NPM18
M20×1.5	6-12	8	20.0	21	22	NPM20
M22×1.5	10-14	8	22.0	22	24	NPM22
M24×1.5	10-14	9	24.0	22	24/27	NPM24
M25×1.5	10-14	9	25.0	22	24/27	NPM25-14
M25×1.5	11-16	9	25.0	25	27	NPM25-16
M25×1.5	13-18	9	25.0	27	30/27	NPM25-18
M27×1.5	13-18	9	27.0	27	30	NPM27
M30×2	13-18	9	30.0	27	30/32	NPM30
M32×1.5	15-22	10	32.0	29	35	NPM32
M33×2	15-22	10	33.0	29	35/36	NPM33
M36×1.5	18-25	10	36.0	31	40	NPM36
M37×1.5	18-25	10	37.0	31	40	NPM37
M40×1.5	18-25	11	40.0	31	40/45	NPM40-25
M40×1.5	22-30	11	40.0	35	45	NPM40-30
M47×1.5	25-33	11	47.0	37	50	NPM47
M50×1.5	32-38	13	50.0	37	57/55	NPM50
M60×1.5	37-44	14	60.0	38	64	NPM60
M63×1.5	37-44	14	63.0	38	64/68	NPM63

PG



Material: Nickel-plated brass
 Claw: PA66 (Nylon), UL94-V2
 Hermetic seal: NBR, Silicone rubber
 O-Ring: NBR, Silicone rubber
 Protection degree: IP68-10 bar
 Temperature: Static state: -40°C to 100°C,
 Short time to 120 °C;
 Dynamic state: -20°C to 80°C,
 Short time to 100°C



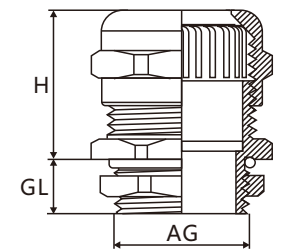
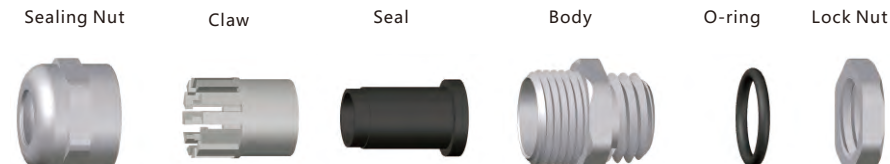
Specification parameter

Item	Range	Thread Length GL	Thread O.D. AG	Mounting Hole	Joint Length H	Spanner Size	Code
PG7	2-5	6.5	12.5	12.5-12.7	17	14/15	NPPG7-5
PG7	3-6.5	6.5	12.5	12.5-12.7	17	14/15	NPPG7
PG9	3-6.5	8	15.2	15.2-15.4	19	17/18	NPPG9-6.5
PG9	4-8	8	15.2	15.2-15.4	19	17/18	NPPG9
PG11	4-8	8	18.6	18.6-18.8	21	20/21	NPPG11-8
PG11	5-10	8	18.6	18.6-18.8	21	20/21	NPPG11
PG13.5	5-10	8	20.4	20.4-20.6	22	22/23	NPPG13.5-10
PG13.5	6-12	8	20.4	20.4-20.6	22	22/23	NPPG13.5
PG16	6-12	8	22.5	22.5-22.7	23	24/25	NPPG16-12
PG16	10-14	8	22.5	22.5-22.7	23	24/25	NPPG16
PG21	12-16	9	28.3	28.3-28.5	27	30	NPPG21-16
PG21	13-18	9	28.3	28.3-28.5	27	30	NPPG21
PG29	15-22	10	37.0	37.0-37.2	31	40	NPPG29-22
PG29	18-25	10	37.0	37.0-37.2	31	40	NPPG29
PG36	23-30	11	47.0	47.0-47.2	37	50	NPPG36-30
PG36	25-33	11	47.0	47.0-47.2	37	50	NPPG36
PG42	30-35	13	54.0	54.0-54.2	37	57	NPPG42-35
PG42	32-38	13	54.0	54.0-54.2	37	57	NPPG42
PG48	35-40	14	59.3	59.3-59.5	38	64	NPPG48-40
PG48	37-44	14	59.3	59.3-59.5	38	64	NPPG48

G / NPT



Material: Nickel-plated brass
 Claw: PA66 (Nylon), UL94-V2
 Hermetic seal: NBR, Silicone rubber
 O-Ring: NBR, Silicone rubber
 Protection degree: IP68-10 bar
 Temperature: Static state: -40°C to 100°C,
 Short time to 120 °C;
 Dynamic state: -20°C to 80°C,
 Short time to 100°C



Specification parameter

Item	Range	Thread Length GL	Thread O.D. AG	Joint Length H	Spanner Size	Code
G1/4"	3-6.5	6.5	13.1	13.5	15	NPG1/4
G3/8"	4-8	8	16.6	17	19	NPG3/8
G1/2"	6-12	8	20.9	22	22/23	NPG1/2
G3/4"	13-18	9	26.4	25	30	NPG3/4
G1"	18-25	10	32.2	29	40	NPG1
G1-1/4"	25-33	11	41.9	35	50	NPG1-1/4
G1-1/2"	32-38	12	47.8	37	57/55	NPG1-1/2
G2"	37-44	14	59.6	38	65	NPG2
G2-1/2"	42-52	16	75.1	42	78	NPG2-1/2
G3"	65-70	18	88	45	94	NPG3
NPT1/4"	3-6.5	6.5	13.1	13.5	15	NPNPT1/4
NPT3/8"	4-8	8	16.6	17	19	NPNPT3/8
NPT1/2"	6-12	8	20.9	22	22/23	NPNPT1/2
NPT3/4"	13-18	9	26.4	25	30	NPNPT3/4
NPT1"	18-25	10	32.2	29	40	NPNPT1
NPT1-1/4"	25-33	11	41.9	35	50	NPNPT1-1/4
NPT1-1/2"	32-38	12	47.8	37	57/55	NPNPT1-1/2
NPT2"	37-44	14	59.6	38	65	NPNPT2
NPT2-1/2"	42-52	16	75.1	42	78	NPNPT2-1/2

Lengthen Type



Material: Nickel-plated brass
 Claw: PA66 (Nylon), UL94-V2
 Hermetic seal: NBR, Silicone rubber
 O-Ring: NBR, Silicone rubber
 Protection degree: IP68-10 bar
 Temperature: Static state: -40°C to 100°C,
 Short time to 120 °C ;
 Dynamic state: -20°C to 80°C,
 Short time to 100°C



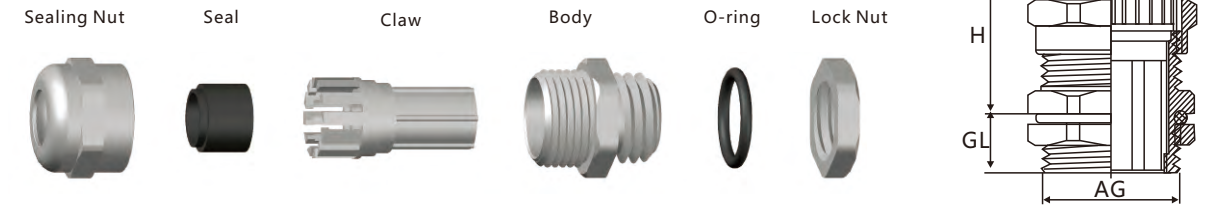
Specification parameter

Item	Range	Thread Length GL	Thread O.D. AG	Joint Length H	Spanner Size	Code
M12×1.5	3-6.5	10	12	17	14	NPM12L
M16×1.5	4-8	12	16	19	18	NPM16L
M18×1.5	5-10	12	18	21	20	NPM18L
M20×1.5	6-12	12	20	22	22	NPM20L
M22×1.5	10-14	12	22	23	24	NPM22L
M25×1.5	10-14	12	25	25	24/27	NPM25-14L
M25×1.5	13-18	12	25	27	30/27	NPM25-18L
M32×1.5	15-22	15	32	29	35	NPM32L
M40×1.5	18-25	15	40	31	40/45	NPM40-25L
M40×1.5	22-30	15	40	35	45	NPM40-30L
M50×1.5	32-38	15	50	37	57/55	NPM50L
M63×1.5	37-44	18	63	38	64/68	NPM63L
PG7	3-6.5	10	12.5	17	14/15	NPPG7L
PG9	4-8	12	15.2	19	17/18	NPPG9L
PG11	5-10	12	18.6	21	20/21	NPPG11L
PG13.5	6-12	12	20.4	22	22/23	NPPG13.5L
PG16	10-14	12	22.5	23	24/25	NPPG16L
PG21	13-18	12	28.3	27	30	NPPG21L
PG29	18-25	15	37.0	31	40	NPPG29L
PG36	25-33	15	47.0	37	50	NPPG36L
PG42	32-38	15	54.0	37	57	NPPG42L
PG48	37-44	18	59.3	38	64	NPPG48L

Direct Type



Material: Nickel-plated brass
 Claw: PA66 (Nylon), UL94-V2
 Hermetic seal: NBR, Silicone rubber
 O-Ring: NBR, Silicone rubber
 Protection degree: IP68-10 bar
 Temperature: Static state: -40°C to 100°C,
 Short time to 120 °C ;
 Dynamic state: -20°C to 80°C,
 Short time to 100°C



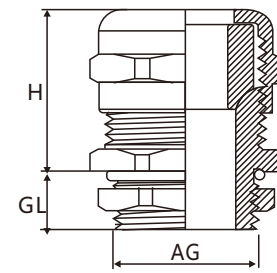
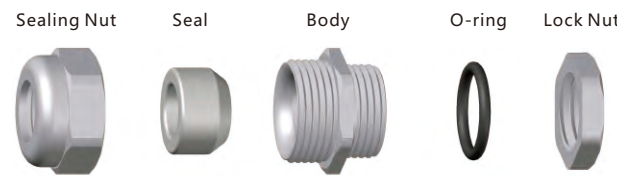
Specification parameter

Item	Range	Thread Length GL	Thread O.D. AG	Joint Length H	Spanner Size	Code
M12×1.5	3-6.5	6.5	12	17	14	NTM12
M16×1.5	4-8	8	16	19	18	NTM16
M18×1.5	5-10	8	18	21	20	NTM18
M20×1.5	6-12	8	20	22	22	NTM20
M22×1.5	10-14	8	22	23	24	NTM22
M25×1.5	10-14	9	25	25	24/27	NTM25-14
M25×1.5	13-18	9	25	27	30/27	NTM25-18
M27×1.5	13-18	9	27	27	30	NTM27
M32×1.5	15-22	10	32	29	35	NTM32
M36×1.5	18-25	10	36	31	40	NTM36
M40×1.5	18-25	10	40	31	40/45	NTM40-25
M40×1.5	22-30	10	40	35	45	NTM40-30
M48×1.5	25-33	10	48	37	50/52	NTM48
M50×1.5	32-38	10	50	37	57/55	NTM50
M63×1.5	37-44	10	63	38	64/68	NTM63
M72×2	42-52	10	72	44	78	NTM72
M80×2	55-60	15	80	45	88	NTM80
PG7	3-6.5	6.5	12	17	14/15	NTPG7
PG9	4-8	8	16	19	17/18	NTPG9
PG11	5-10	8	18	21	20/21	NTPG11
PG13.5	6-12	8	20	22	22/23	NTPG13.5
PG16	10-14	8	22	23	24/25	NTPG16
PG21	13-18	9	27	27	30	NTPG21
PG29	18-25	10	36	31	40	NTPG29
PG36	25-33	10	48	37	50	NTPG36
PG42	32-38	10	50	37	57	NTPG42
PG48	37-44	10	63	38	64	NTPG48

High temperature resistance Type



Material: Nickel-plated brass
 Hermetic seal: Silicone rubber
 O-Ring: Silicone rubber
 Protection degree: IP68-10 bar
 Temperature: Static state: -60°C to 250°C



Specification parameter

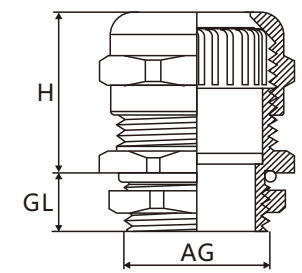
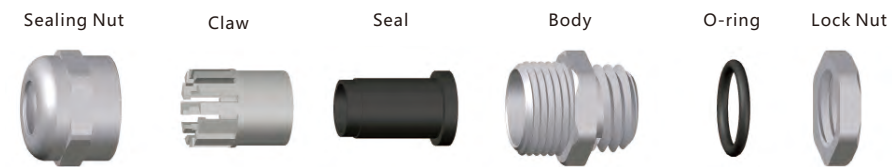
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M12×1.5	3-7	7	12	16/14	NPM12S
M12×1.5	4-8	7	12	16/14	NPM12S-8
M14×1.5	4-8	7	14	18/17	NPM14S
M16×1.5	5-9	8	16	20/18	NPM16S
M18×1.5	8-12	8	18	22/20	NPM18S
M20×1.5	8-12	8	20	24/22	NPM20S
PG7	3-7	7	12.5	16/15	NPPG7S
PG9	4-8	7	15.2	18/18	NPPG9S
PG11	5-9	8	18.5	22/21	NPPG11S
PG13.5	8-12	8	20.4	24/23	NPPG13.5S

Item				Range	Thread Length GL	Joint Length H	Spanner Size	Code
M	PG	G	NPT					
M12×1.5	PG7	G1/4	NPT1/4	4-7	7	21	18	NG *Item*
M16×1.5	PG9			4-11	7	25	20	
M18×1.5	PG11	G3/8	NPT3/8	4-11	7	25	22	
M20×1.5	PG13.5	G1/2	NPT1/2	5-14	8	29	24	
M22×1.5	PG16			5-14	8	29	24	
M25×1.5	PG21	G3/4	NPT3/4	11-20	9	30	30	
M32×1.5	PG29	G1	NPT1	15-25	10	32	36	
M40×1.5	PG36	G1-1/4	NPT1-1/4	22-32	11	35	44	
M50×1.5	PG42	G1-1/2	NPT1-1/2	31-42	13	37	58	
M63×1.5	PG48	G2	NPT2	41-51	14	40	68	
M72×2				50-54	16	47	81	

Multi hole type



Material: Nickel-plated brass
 Claw: PA66 (Nylon) , UL94-V2
 Hermetic seal: NBR, Silicone rubber
 O-Ring: NBR, Silicone rubber
 Protection degree: IP68-10 bar
 Temperature: Static state: -40°C to 100°C ,
 Short time to 120 °C ;
 Dynamic state: -20°C to 80°C ,
 Short time to 100°C



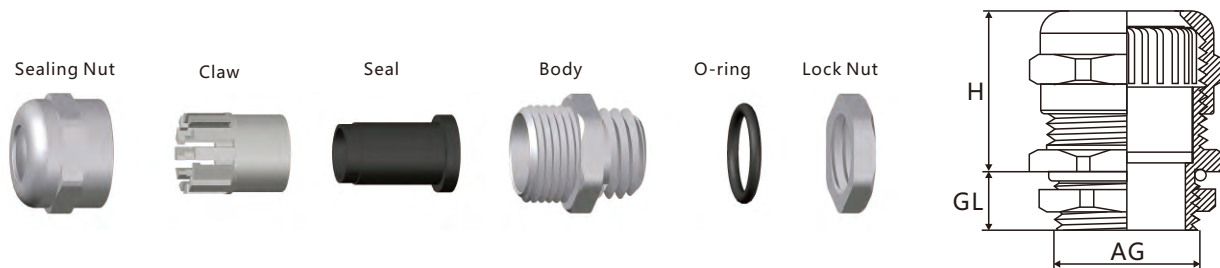
Specification parameter

Item	F ⊖	M2 ⊕	M3 ⊕	M4 ⊕	M5 ⊕	M6 ⊕	M7 ⊕	M8 ⊕	Code
M12×1.5	/	3-1.2	2.6-1.2	2.3-1	/	/	/	/	NDM12/*
M16×1.5	/	4-1.6	2.6-1.2	2.3-1	2.5-1	2-1	/	/	NDM16/*
M18×1.5	6*10	3.5-2	4-1.6	3-1.2	2.6-1.5	2.2-1	/	/	NDM18/*
M20×1.5	5*11.5	5.3-1.5	5-2	4.2-1.7	3-1.2	3-1.2	3-1.2	3-1.2	NDM20/*
M22×1.5	6*14	6-2.5	3.5-1.5	4.5-2	3-1.2	3-1.2	3-1.2	/	NDM22/*
M25×1.5	6*14	8.7-4	8-4	5-2	3.5-1.5	3.5-1.5	3.5-1.5	3.5-1.5	NDM25/*
M27×1.5	7*18	8.7-4.5	5-2	7-3.5	3.5-1.5	3.5-1.5	3.5-1.5	3.5-1.5	NDM27/*
M32×1.5	8*22	10-5	10-5	9-4.5	8.0-4.0	7-3.5	6-3	/	NDM32/*
M37×1.5	/	9-6	/	9-6	/	6.5-3.5	/	/	NDM37/*
M40×1.5	/	15-12	/	/	9-6	8-5	9-6	/	NDM40/*
M50×1.5	/	/	/	/	5-3	/	/	/	NDM50/*
M63×1.5	/	17-14	18-15	/	/	/	/	/	NDM63/*

M



Material: SS304/SS316/SS316L
 Claw: PA66 (Nylon) , UL94-V2
 Hermetic seal: NBR, Silicone rubber
 O-Ring: NBR, Silicone rubber
 Protection degree: IP68-10 bar
 Temperature: Static state: -40°C to 100°C ,
 Short time to 120 °C ;
 Dynamic state: -20°C to 80°C ,
 Short time to 100°C



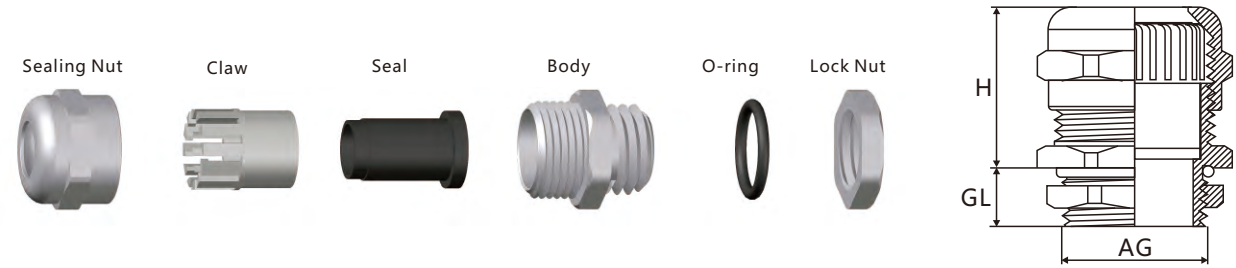
Specification parameter

Item	Range	Thread Length GL	Thread O.D. AG	Joint Length H	Spanner Size	Code
M8×1	2-5	5	8	16	12	SSM8
M10×1	2-5	7	10	19	14	SSM10-5
	3-6.5	7	10	19	14	SSM10
M12×1.5	2-5	7	12	19	14	SSM12-5
	3-6.5	7	12	19	14	SSM12
M14×1.5	4-8	8	12	19	17/14	SSM12-8
	3-6	8	14	19	17	SSM14-6
M16×1.5	4-8	8	14	19	17	SSM14
	3-6	8	16	20	18	SSM16-6
M18×1.5	4-8	8	16	20	18	SSM16
	5-10	8	16	21	20/18	SSM16-10
M20×1.5	3-7	8	18	21	20/21	SSM18-7
	5-10	8	18	21	20/21	SSM18
M22×1.5	6-12	8	18	22	22/20	SSM18-12
	5-10	8	20	22	22	SSM20-10
M24×1.5	6-12	8	20	22	22	SSM20
	10-14	8	20	23	24/22	SSM20-14
M25X1.5	8-12	8	22	23	24	SSM22-12
	10-14	8	22	23	24	SSM22
M27×1.5	12-16	8	22	23	27/24	SSM22-16
	8-12	9	24	25	24/27	SSM24-12
M30×1.5	10-14	9	24	25	24/27	SSM24
	12-16	9	24	27	27	SSM24-16
M32×1.5	8-12	9	25	25	24/27	SSM25-12
	10-14	9	25	27	24/27	SSM25-14
M33×2	12-16	9	25	27	27	SSM25-16
	13-18	9	25	27	30/27	SSM25-18

PG



Material: SS304/SS316/SS316L
 Claw: PA66 (Nylon) , UL94-V2
 Hermetic seal: NBR, Silicone rubber
 O-Ring: NBR, Silicone rubber
 Protection degree: IP68-10 bar
 Temperature: Static state: -40°C to 100°C ,
 Short time to 120 °C ;
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 Short time to 100°C



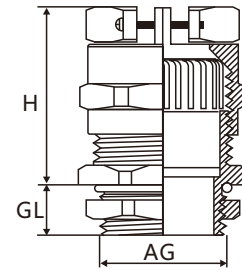
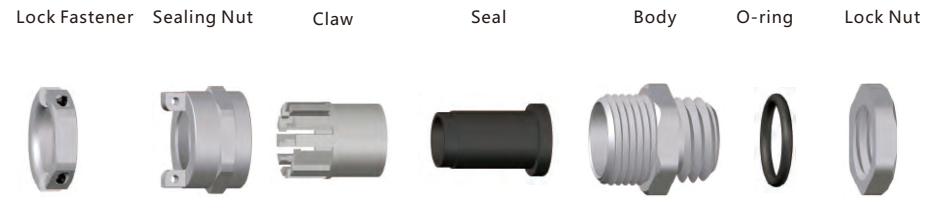
Specification parameter

Item	Range	Thread Length GL	Thread O.D. AG	Joint Length H	Spanner Size	Code
PG7	3-6.5	7	12.5	19.0	14/15	SSPG7
PG9	4-8	8	15.2	20.0	17/18	SSPG9
PG11	5-10	8	18.6	21.0	20/21	SSPG11
PG13.5	6-12	8	20.4	22.0	22/23	SSPG13.5
PG16	10-14	8	22.5	23.0	24/25	SSPG16
PG21	13-18	9	28.3	27.0	30	SSPG21
PG29	18-25	10	37.0	31.0	40	SSPG29
PG36	25-33	11	47.0	37.0	50	SSPG36
PG42	32-38	13	54.0	38.0	60	SSPG42
PG48	37-44	14	59.3	38.0	65	SSPG48
PG63	42-52	16	72.0	42.0	76/80	SSPG63

**Double Strap Type
M**



Material: Brass/stainless steel
 Claw: PA66 (Nylon) , UL94-V2
 Hermetic seal: NBR、 Silicone rubber
 O-Ring: NBR、 Silicone rubber
 Protection degree: IP68-10 bar
 Temperature: Static state: -40°C to 100°C ,
 Short time to 120 °C ;
 Dynamic state: -20°C to 80°C ,
 Short time to 100°C



Specification parameter

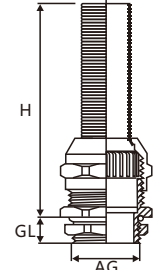
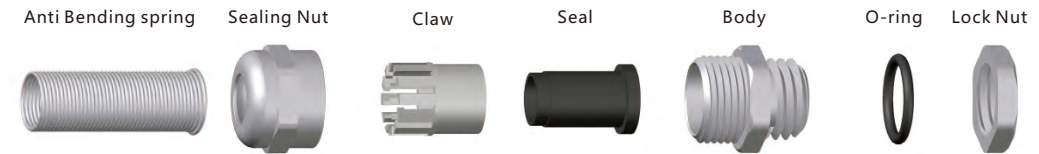
Item	Range	Thread Length GL	Thread O.D. AG	Joint Length H	Spanner Size	Code
M12×1.5	3-6.5	6.5	12.0	25	14	NSM12
	4-8	8	12.0	27	17/14	NSM12-8
M16×1.5	3-6	8	16.0	27	18	NSM16-6
	4-8	8	16.0	27	18	NSM16
	5-10	8	16.0	29	20/18	NSM16-10
M18×1.5	5-10	8	18.0	29	20	NSM18
M20×1.5	6-12	8	20.0	31	22	NSM20
	10-14	8	20.0	31	24/22	NSM20-12
M25×1.5	10-14	9	25.0	37	24/27	NSM25-14
	12-16	9	25.0	37	27	NSM25-16
	13-18	9	25.0	37	30/27	NSM25-18
M32×1.5	15-22	10	32.0	42	35	NSM32
	18-25	10	32.0	42	40/35	NSM32-25
M40×1.5	18-25	11	40.0	48	40/45	NSM40-25
	22-30	11	40.0	48	45	NSM40-30
	25-33	11	40.0	48	50/45	NSM40-33
M50×1.5	32-38	13	50.0	50	57/55	NSM50
M63×1.5	37-44	14	63.0	51	64/68	NSM63
	42-52	14	63.0	51	78/68	NSM63-52

PG/G/NPT thread customization

**Spiral Type
M / PG**



External material: Nickel-plated brass/SS304 316L/PA66
 Inner core: nylon UL94-V2 flame retardant
 Seal: Silicone rubber
 Hermetic seal: NBR、 Silicone rubber
 Protection degree: IP68
 Temperature: Min-40°C ,Max100°C,Short-time120°C
 Color: Grey, Black, other color customized



Specification parameter

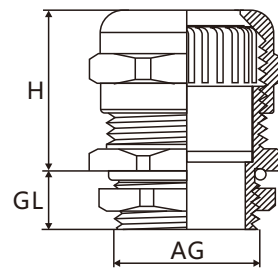
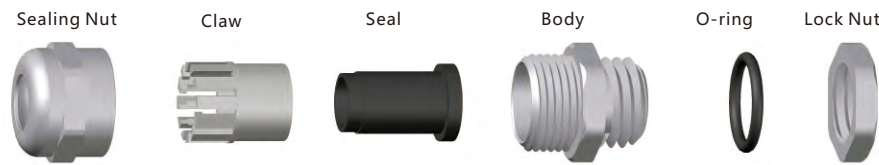
Item	Range	Thread Length GL	Thread O.D. AG	Joint Length H	Spanner Size	Code
PG7	3-6.5	6.5	12.5	65	14/15	NZPG7
PG9	4-8	8	15.2	68	17/18	NZPG9
PG11	5-10	8	18.6	75	20/21	NZPG11
PG13.5	6-12	8	20.4	75	22/23	NZPG13.5
PG16	10-14	8	22.5	80	24/25	NZPG16
PG21	13-18	9	28.3	100	30	NZPG21
M12×1.5	3-6.5	6.5	12	65	14	NZM12
M16×1.5	4-8	8	16	75	18	NZM16
M18×1.5	5-10	8	18	77	20	NZM18
M20×1.5	6-12	8	20	80	22	NZM20
M22×1.5	10-14	8	22	98	24	NZM22
M25×1.5	13-18	9	25	90	27	NZM25
M30×1.5	13-18	9	25	100	30	NZM30
M12×1.5	3-6.5	9	12	65	18/16	NLZM12
M16×1.5	4-8	9	16	75	22/19	NLZM16
M18×1.5	5-10	9	18	77	24/22	NLZM18
M20×1.5	6-11	10	20	80	27/24	NLZM20
M22×1.5	10-13	10	22	98	30/27	NLZM22
M25×1.5	12-15	12	25	90	31/28	NLZM25
M27×1.5	13-18	12	27	100	35/33	NLZM27

NZ is metal series NLZ is nylon series

G/NPT



Material: SS304/SS316/SS316L
 Claw: PA66 (Nylon), UL94-V2
 Hermetic seal: NBR, Silicone rubber
 O-Ring: NBR, Silicone rubber
 Protection degree: IP68-10 bar
 Temperature: Static state: -40°C to 100°C,
 Short time to 120 °C;
 Dynamic state: -20°C to 80°C,
 Short time to 100°C



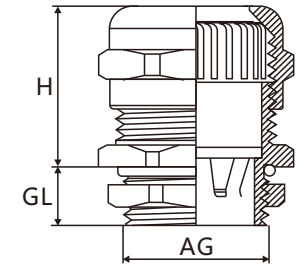
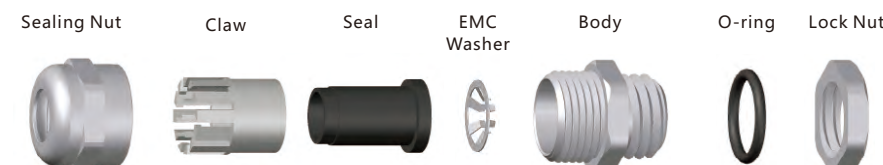
Specification parameter

Item	Range	Thread Length GL	Joint Length H	Thread O.D. AG	Spanner Size	Code
G1/4	3-6.5	7	19	13.1	14	SSG1/4
G3/8	4-8	8	21	16.6	17/20	SSG3/8
G1/2	6-12	8	22	20.9	22/23	SSG1/2
G3/4	13-18	9	25	26.4	30	SSG3/4
G1	18-25	10	29	32.2	40	SSG1/2
G1-1/4	25-33	11	35	41.9	50	SSG1-1/4
G1-1/2	32-38	12	37	47.8	57/55	SSG1-1/2
G2	37-44	14	38	59.6	65	SSG2
G2- 1/2	42-52	16	42	75.1	78	SSG2-1/2
G3	65-70	18	45	88	94	SSG3
NPT1/4	3-6.5	11	19	13.6	14	SSNPT1/4
NPT3/8	4-8	11	21	17.0	17/20	SSNPT3/8
NPT1/2	6-12	13	23.5	21.2	22/24	SSNPT1/2
NPT3/4	13-18	13	26	26.5	30	SSNPT3/4
NPT1	18-25	16	33	33.2	40	SSNPT1
NPT1-1/4	22-32	16	37.5	41.9	50	SSNPT1 1/4
NPT1-1/2	30-38	18	38.5	48.0	55/58	SSNPT1 1/2
NPT2	37-44	18	40	60.0	65	SSNPT2
NPT2-1/2	42-52	18	40	72.6	77	SSNPT2-1/2
NPT3	55-61	18	41	88.6	94	SSNPT3

EMC Type
M / PG / G / NPT



Material: Nickel-plated brass
 Claw: PA66 (Nylon), UL94-V2
 Hermetic seal: NBR, Silicone rubber
 O-Ring: NBR, Silicone rubber
 Protection degree: IP68-10 bar
 Temperature: Static state: -40°C to 100°C,
 Short time to 120 °C;
 Dynamic state: -20°C to 80°C,
 Short time to 100°C



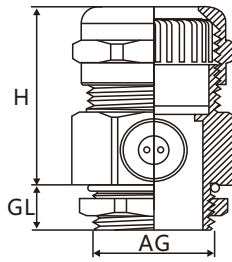
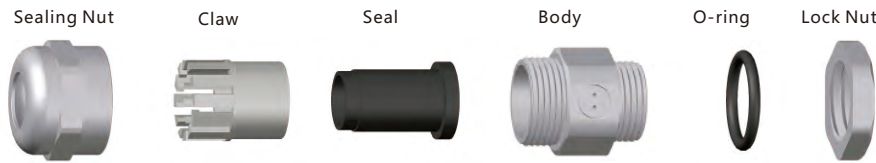
Specification parameter

Item				Range	Thread Length GL	Joint Length H	Spanner Size	Code
M	PG	G	NPT					
M12 X 1.5	PG7	G1/4	NPT1/4	3-6.5	6.5	19	14	EMC- *Item*-T
				4-8	8	19	17/14	
M16 X1.5	PG9			3-6	8	20	18	
				4-8	8	20	18	
				5-10	8	21	20/18	
M18 X1.5	PG11	G3/8	NPT3/8	5-10	8	21	20	
M20X1.5	PG13.5	G1/2	NPT1/2	6-12	8	22	22	
				10-14	8	23	24/22	
M22X1.5	PG16			10-14	8	23	24	
				10-14	9	25	24/27	
				12-16	9	27	27	
M25X1.5	PG21	G3/4	NPT3/4	13-18	9	27	30/27	
				15-22	10	29	35	
M32X1.5	PG29	G1	NPT1	18-25	10	31	40/35	
				18-25	11	31	40/45	
M40X1.5	PG36	G1-1/4	NPT1-1/4	22-30	11	35	45	
				25-33	11	37	50/45	
M50X1.5	PG42	G1-1/2	NPT1-1/2	32-38	13	37	57/55	
				37-44	14	38	64/68	
M63X1.5	PG48	G2	NPT2	42-52	14	38	78/68	
				42-52	16	42	78	
M72X2				42-52	16	42	78	
M80X2				55-62	18	45	88	

Breathable Type M



Material: Nickel-plated brass
 Plastic Claw: Nylon V2 (UL94)
 Seal: NBR
 Protection degree: In the specified cable outer diameter and the appropriate o-ring Protection degree can reach Ip68, the waterproof depth reaches 3M-5M
 Temperature: -40°C -100°C, Short-time to 120°C
 Flame retardant degree: V2(UL94), match ROHS standard
 Heat dissipation permeability: 2400ml/s/m² @0.02bar
 Water inlet pressure: >5bar



Specification parameter

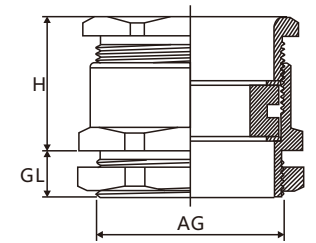
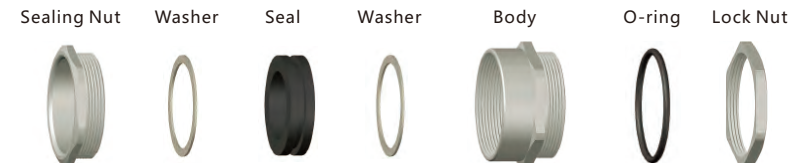
Item	Range	Thread Length GL	Thread O.D. AG	Joint Length H	Spanner Size	Code	Cable Dimension(mm)	
							Min	Max
M12×1.5	3-6.5	6.5	12.0	27	16	NFM12		
	4-8	8	12.0	27	16/14	NFM12-8		
M16×1.5	3-6	8	16.0	27	18	NFM16-6		
	4-8	8	16.0	27	18	NFM16		
	5-10	8	16.0	27	20/18	NFM16-10		
M18×1.5	5-10	8	18.0	29	20	NFM18		
M20×1.5	5-10	8	20.0	32	22	NFM20-10		
	6-12	8	20.0	32	22	NFM20		
	10-14	8	20.0	32	24/22	NFM20-12		
M25×1.5	8-12	9	25.0	35	24/27	NFM25-12		
	10-14	9	25.0	35	24/27	NFM25-14		
	12-16	9	25.0	35	27	NFM25-16		
	13-18	9	25.0	35	30/27	NFM25-18		
M32×1.5	13-18	10	32.0	54	35	NFM32-18		
	15-22	10	32.0	54	35	NFM32		
	18-25	10	32.0	54	40/35	NFM32-25		
M40×1.5	18-25	11	40.0	46	40/45	NFM40-25		
	22-30	11	40.0	50	45	NFM40-30		
	25-33	11	40.0	52	50/45	NFM40-33		
M50×1.5	32-38	13	50.0	55	57/55	NFM50		
M63×1.5	37-44	14	63.0	55	64/68	NFM63		
	42-52	14	63.0	55	78/68	NFM63-52		

Customizable PG/G/NPT thread

Single Compression Cable Gland



Size: 20 mm to 90 mm s & L
 Material: Brass BS 2874 CZ121 Pb3
 Standard: BS6121
 Options Threads: METRIC, NPT, BSP & PG
 IP Rating: IP6&68
 Finish: Natural Brass Finish, Nickel Finish
 Application: Outdoor or Indoor for use with all types of Unarmoured Cable
 Operating Temp.: Standard seals -20°C to +80°C
 Accessories: Matching Accessories available like PVC Shrouds, Lock Nuts Earth Tag.
 Function: A2 type glands provide a single pull resistant seal on the outer sheath of unarmoured cable



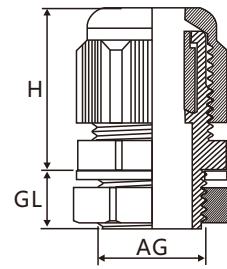
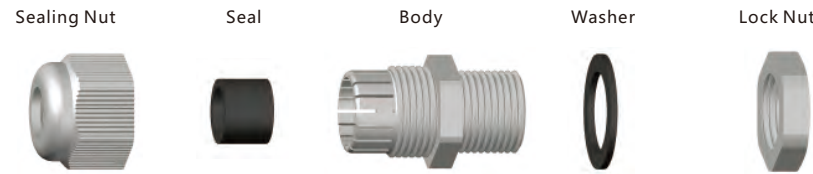
Specification parameter

Item	Standard Entry Threads Other Options			Therad Length			Cable Dimension(mm)	
	Metric(ISO)	NPT/BSP	ET	Metric(ISO)	NPT/BSP	ET	Cable Dia	
							Min	Max
Ex A1-A2 Series*	M20S	1/2"	3/4"	15	19	16.5	8	11.5
Ex A1-A2 Series*	M20	1/2"	3/4"	15	19	16.5	11	13.5
Ex A1-A2 Series*	M25S	3/4"	1"	15	20	16.5	13	16.5
Ex A1-A2 Series*	M25	3/4"	1"	15	20	16.5	16	19.5
Ex A1-A2 Series*	M32S	1"	1-1/4"	15	22	16.5	19	25.5
Ex A1-A2 Series*	M32	1"	1-1/4"	15	22	16.5	19	25.5
Ex A1-A2 Series*	M40S	1-1/4"	1-1/2"	15	22	16.5	23	29
Ex A1-A2 Series*	M40	1-1/4"	1-1/2"	15	22	16.5	25	32
Ex A1-A2 Series*	M50S	1-1/2"	2"	20	22	20	31.5	37
Ex A1-A2 Series*	M50	2"	2"	20	22	20	36.5	43
Ex A1-A2 Series*	M63S	2"	2-1/2"	20	22	20	42.5	50
Ex A1-A2 Series*	M63	2-1/2"	2-1/2"	20	29	20	49.5	55
Ex A1-A2 Series*	M75S	2-1/2"	3"	20	29	20	54.5	61
Ex A1-A2 Series*	M75	3"	3"	20	29	20	60.5	67
Ex A1-A2 Series*	M90	3"	3-1/2"	20	29	20	65	78

M / M-Lengthen



Material: Pa66 (Nylon) ,UL94-V2
 Hermetic seal: NBR,Silicone rubber
 O-Ring : NBR,Silicone rubber
 Protection degree: IP68
 Temperature: Static state: -40°C to 100°C,
 short time to 120°C;
 Dynamic state: -20°C to 80°C,
 short time to 100°C
 Color customization: Grey, Black, other color customized



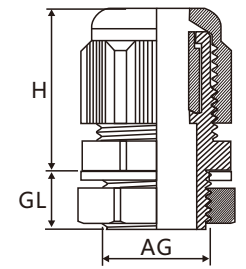
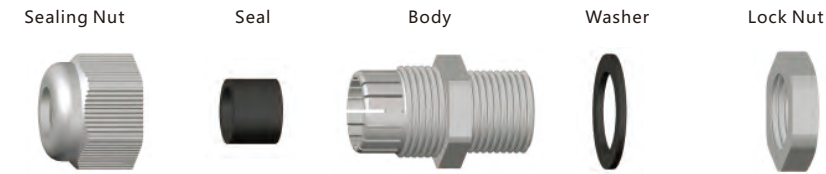
Specification parameter

Item	Clamping range	GL	Thread O.D. AG	Spanner Size	Code	Item	Clamping range	GL	Thread O.D. AG	Spanner Size	Code
M12×1.5	3-6.5	9	12	18/16	NLM12	M12×1.5	3-6.5	15	12	18/16	NLM12L
M12×1.5	4-8	8	12	18/16	NLM12-8	M12×1.5	4-8	15	12	18/16	NLM12-8L
M16×1.5	4-8	9	16	22/19	NLM16	M16×1.5	4-8	15	16	22/19	NLM16L
M16×1.5	5-10	8	16	22/19	NLM16-10	M16×1.5	5-10	15	16	22/19	NLM16-10L
M18×1.5	5-10	9	18	24/22	NLM18	M18×1.5	5-10	15	18	24/22	NLM18L
M20×1.5	6-11	10	20	27/24	NLM20	M20×1.5	6-11	15	20	27/24	NLM20L
M20×1.5	10-14	9	20	27/24	NLM20-14	M20×1.5	10-14	15	20	27/24	NLM20-14L
M22×1.5	10-13	10	22	30/27	NLM22	M22×1.5	10-13	15	22	30/27	NLM22L
M25×1.5	12-15	11	25	31/28	NLM25	M25×1.5	12-15	15	25	31/28	NLM25L
M25×1.5	13-18	11	25	31/28	NLM25-18	M25×1.5	13-18	15	25	31/28	NLM25-18L
M27×1.5	13-18	12	27	35/33	NLM27	M27×1.5	13-18	15	27	35/33	NLM27L
M30×1.5	16-21	12	30	37/35	NLM30	M30×1.5	16-21	15	30	37/35	NLM30L
M32×1.5	16-21	12	32	38/35	NLM32	M32×1.5	16-21	15	32	38/35	NLM32L
M36×1.5	18-25	12	36	45/42	NLM36	M36×1.5	18-25	15	36	45/42	NLM36L
M40×1.5	22-32	15	40	52/52	NLM40	M40×1.5	22-32	18	40	52/52	NLM40L
M50×1.5	32-38	18	50	62/58	NLM50	M50×1.5	32-38	20	50	62/58	NLM50L
M63×1.5	37-44	18	63	72/64	NLM63	M63×1.5	37-44	20	63	72/64	NLM63L

PG / PG-Lengthen



Material: Pa66 (Nylon) ,UL94-V2
 Hermetic seal: NBR,Silicone rubber
 O-Ring : NBR,Silicone rubber
 Protection degree: IP68
 Temperature: Static state: -40°C to 100°C,
 short time to 120°C;
 Dynamic state: -20°C to 80°C,
 short time to 100°C
 Color customization: Grey, Black, other color customized



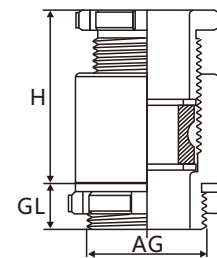
Specification parameter

Item	Clamping range	Thread Length GL	Thread O.D. AG	Spanner Size	Code
PG7	3-6.5	9	12.5	18/16	NLPG7
PG9	4~8	9	15.2	22/19	NLPG9
PG11	5-10	9	18.6	24/22	NLPG11
PG13.5	6-11	10	20.4	27/24	NLPG13.5
PG16	10-13	10	22.5	30/27	NLPG16
PG21	13-18	12	28.3	35/33	NLPG21
PG29	18-25	12	37.0	45/42	NLPG29
PG36	22-32	15	47.0	58/52	NLPG36
PG42	32-38	18	54.0	62/58	NLPG42
PG48	37-44	18	59.3	70/64	NLPG48
PG7	3-6.5	15	12.5	18/16	NLPG7L
PG9	4-8	15	15.2	22/19	NLPG9L
PG11	5-10	15	18.6	24/22	NLPG11L
PG13.5	6-11	15	20.4	27/24	NLPG13.5L
PG16	10-13	15	22.5	30/27	NLPG16L
PG21	13-18	15	28.3	35/33	NLPG21L
PG29	18-25	15	37.0	45/42	NLPG29L
PG36	22-32	18	47.0	58/52	NLPG36L
PG42	32-38	20	54.0	62/58	NLPG42L
PG48	37-44	20	59.3	70/64	NLPG48L

JIS



Material: Chromium-plated brass
 Hermetic seal: NBR, Silicone rubber
 O-Ring : NBR, Silicone rubber
 Metal Washer: Nickel-plated hoop
 Protection degree: IP54
 Temperature: Static state: -40°C to 100°C, short time to 120°C;
 Dynamic state: -20°C to 80°C, short time to 100°C



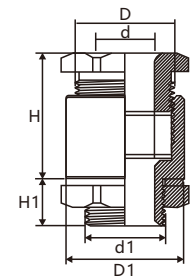
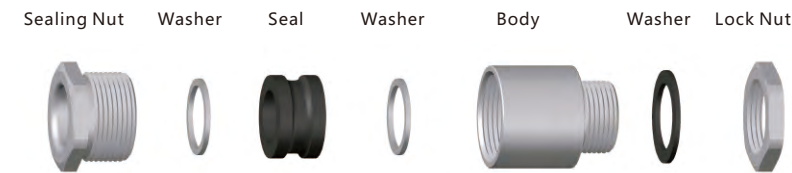
Specification parameter

Item	Thread	Range	Thread Length GL	Thread O.D. AG	Spanner Size	Code
JIS 10	3/8"	6-7	11	16.6	Φ22/28	JIS10A
		7-8	11	16.6	Φ22/28	JIS10B
JIS 15	1/2"	8-9	11	20.9	Φ28/31	JIS15A
		9-10	11	20.9	Φ28/31	JIS15B
		9-11	11	20.9	Φ28/31	JIS15C
JIS 20	3/4"	11-12	11	26.4	Φ34/37	JIS20A
		12-13	11	26.4	Φ34/37	JIS20B
		12-15	11	26.4	Φ34/37	JIS20C
JIS 25	1"	15-16	11	33.2	Φ41/45	JIS25A
		16-18	11	33.2	Φ41/45	JIS25B
		16-20	11	33.2	Φ41/45	JIS25C
JIS 30	1-1/4"	20-22	12	41.9	Φ49/56	JIS30A
		22-24	12	41.9	Φ49/56	JIS30B
		22-26	12	41.9	Φ49/56	JIS30C
JIS 35	1-1/2"	26-28	12	47.8	Φ56/62	JIS35A
		28-30	12	47.8	Φ56/62	JIS35B
		26-30	12	47.8	Φ56/62	JIS35C
JIS 40	1-1/2"	30-32	12	47.8	Φ56/62	JIS40A
		32-34	12	47.8	Φ56/62	JIS40B
		30-34	12	47.8	Φ56/62	JIS40C

TJ



Material: Chromium-plated brass
 Hermetic seal: NBR, Silicone rubber
 O-Ring : NBR, Silicone rubber
 Metal Washer: Nickel-plated hoop
 Protection degree: IP54
 Temperature: Static state: -40°C to 100°C, short time to 120°C;
 Dynamic state: -20°C to 80°C, short time to 100°C



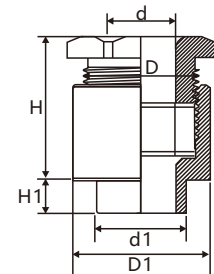
Specification parameter

Item	Range Φ	Thread		Thread Length H1	Body Outer Diameter D1	Joint Length H	Spanner Size	Code
		D	d1					
TJ 8	5-7	M16×1	M14×1	9	19	32	18	TJ8
TJ 13	6-12	M20×1	M18×1	10	24	35	22	TJ13
TJ 16	11-15	M27×1.5	M22×1.5	12	31	40	30	TJ16
TJ 19	14-18	M30×1.5	M27×1.5	12	34.5	42	32	TJ19
TJ 24	17-23	M35×1.5	M30×1.5	12	40	44	36	TJ24
TJ 28	22-27	M42×2	M36×1.5	15	46.5	46	45	TJ28
TJ 34	26-33	M47×2	M42×2	15	54	49	50	TJ34
TJ 42	32-41	M55×2	M52×2	15	60	54	57/59	TJ42
TJ 50	40-49	M62×2	M58×2	15	69	56	64/68	TJ50
TJ 58	48-57	M71×2	M68×2	20	77.5	56	76	TJ58

TH



Material: Brass, Galvanized iron
 Hermetic seal: NBR, Silicone rubber
 Metal Washer: Nickel-plated hoop
 Protection degree: IP54
 Temperature: Static state: -40°C to 100°C, short time to 120°C;
 Dynamic state: -20°C to 80°C, short time to 100°C



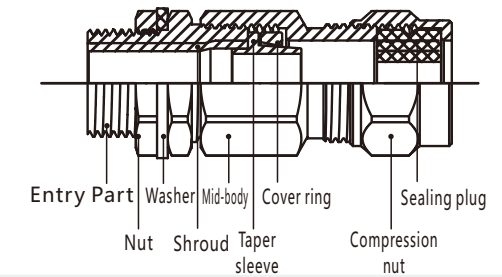
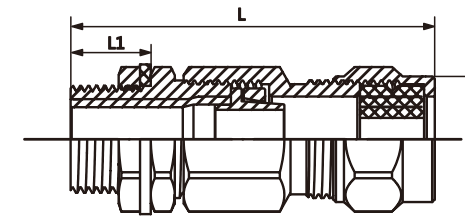
Specification parameter

Item	Range Φ	Thread D	Welded Length H1	Mounting hole d1	Joint length H	Spanner size	Code
TH-8	5-7	M16×1	3	13	32	18	TH8
TH-13	6-12	M20×1	8	17	35	22	TH13
TH-16	11-15	M27×1.5	8	22	40	30	TH16
TH-19	14-18	M30×1.5	8	24	42	32	TH19
TH-24	17-23	M35×1.5	8	30	44	36	TH24
TH-28	22-27	M42×2	8	35	46	45	TH28
TH-34	26-33	M47×2	8	42	49	50	TH34
TH-42	32-41	M55×2	8	50	54	57	TH42
TH-50	40-49	M62×2	8	58	56	64	TH50
TH-58	48-57	M71×2	8	66	56	76	TH58

Armoured single compression type



Made of nickel-plated brass or stainless steel
 Hermetic seal: NBR(-60°C~+80°C)
 Explosion proof mark: Exd II Gb/Exd II Gb IP66
 Fire resistance rating: VO(UL94)
 Environmental occasions: I zone and II zone II A-II C type explosive gas environment, widely used in the introduction of petroleum, chemical, warehouse food, pharmaceutical military and other electrical cables



Specification parameter

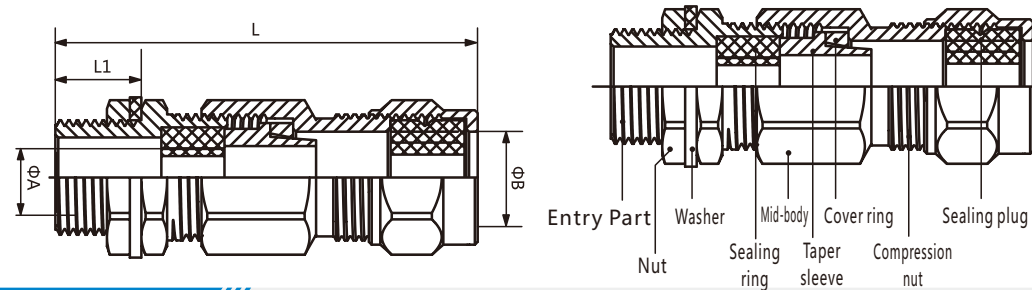
Item	Metric thread M	American thread NPT	Inch thread G	Cable outer diameter		Thread length L1	Length L
				Outgoing line	Incoming line		
BDM-5-01	M16×1.5	-	-	8	7~15	15	68
BDM-5-02	M20×1.5	NPT1/2	G1/2	10	7~15	15	68
BDM-5-03	M25×1.5	NPT3/4	G3/4	15	11~20	15	68
BDM-5-04	M32×1.5	NPT1	G1	20	14~25	17	73
BDM-5-05	M40×1.5	NPT1 1/4	G1 1/4	27	19~33	19	80
BDM-5-06	M50×1.5	NPT1 1/2	G1 1/2	31	24~41	19	85
BDM-5-07	M63×1.5	NPT2	G2	41	30~50	20	93
BDM-5-08	M75×1.5	NPT2 1/2	G2 1/2	55	38~64	21	100
BDM-5-09	M85×1.5	NPT3S	G3S	65	47~74	24	103
BDM-5-10	M90×1.5	NPT3	G3	65	47~74	24	103
BDM-5-11	M100×1.5	NPT4S	G4S	80	57~90	26	112
BDM-5-12	M110×1.5	NPT4	G4	90	62~103	26	112

Providing GL thread lengthen according to customer's installation requirement

Armoured Double Compression Type



Made of nickel-plated brass or stainless steel
 Hermetic seal: NBR(-60°C~+80°C)
 Explosion proof mark: Exd II Gb/Exd II Gb IP66
 Fire resistance rating: VO(UL94)
 Environmental occasions: I zone and II zone II A-II C type explosive gas environment, widely used in the introduction of petroleum, chemical, warehouse food, pharmaceutical military and other electrical cables



Specification parameter

Item	Metric thread M	American thread NPT	Inch thread G	Cable outer diameter		Thread length L1	Length L
				Outgoing line	Incoming line		
BDM-6-01	M16×1.5	-	-	5~8	7~15	15	71
BDM-6-02	M20×1.5	NPT1/2	G1/2	5~10	8~15	15	71
BDM-6-03	M25×1.5	NPT3/4	G3/4	8~15	11~20	15	72
BDM-6-04	M32×1.5	NPT1	G1	11~20	14~27	17	77
BDM-6-05	M40×1.5	NPT1 1/4	G1 1/4	14~27	19~33	19	86
BDM-6-06	M50×1.5	NPT1 1/2	G1 1/2	16~31	22~40	19	89
BDM-6-07	M63×1.5	NPT2	G2	29~43	29~50	20	97
BDM-6-08	M75×1.5	NPT2 1/2	G2 1/2	38~55	35~63	21	103
BDM-6-09	M85×1.5	NPT3S	G3S	48~65	41~77	24	106
BDM-6-10	M90×1.5	NPT3	G3	48~65	41~77	24	106
BDM-6-11	M100×1.5	NPT4S	G4S	50~80	55~90	26	116
BDM-6-12	M110×1.5	NPT4	G4	48~90	61~104	26	116

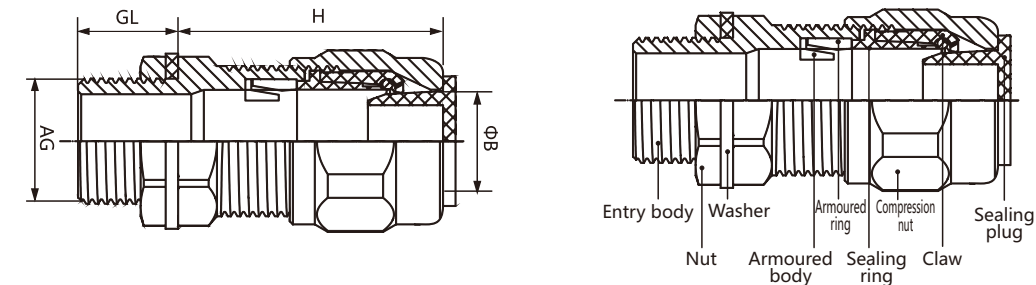
According to customer's installation requirement provide AG thread lengthen, entry part thread could be G, NPT, M

**Single Compression Type Explosion Proof Cable Gland
BDM-2**



Material: Brass /stainless steel
 Surface treatment: Nickel plated, Passivation
 Sealing material: Silicone rubber, Neoprene, Nylon PA66
 Explosion-proof: Exd IIC Gb/Exe II Gb/Ex tD A21 IP68
 Flame retardant degree: VO(UL94)
 Protection degree: IP66-10Pa
 Temperature: Static state: -60°C to 100°C, short time to 120°C;
 Dynamic state: -20°C to 80°C, short time to 100°C

Environmental occasions: I zone and II zone II A-II C type explosive gas environment, widely used in the introduction of petroleum, chemical, warehouse food, pharmaceutical military and other electrical cables



Specification parameter

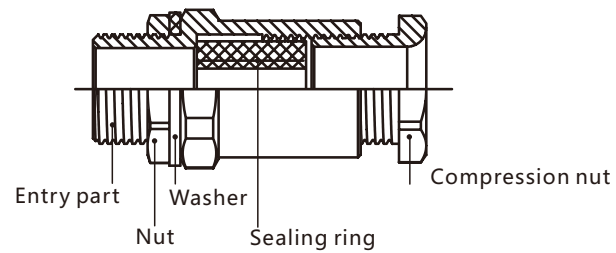
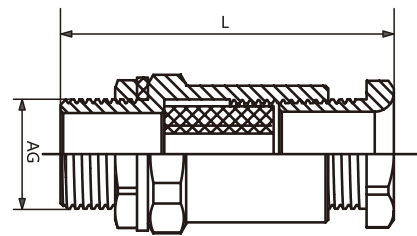
Item	Entry Thread Size		Cable Specifications					Max Length H	GL	Hex size	
			Outgoing line diameter	Outer diameter ØB		Steel cable armor /Belt / Braid				Across flats	Across corner
	M	NPT.G		Min	Max	Direction1	Direction2				
BDM-2-01o	M20×1.5o	1/2	<8	5.5	12.0	0.9/1.25	0/0.7	30.0	16	24.0	27.7
BDM-2-01S	M20×1.5S	1/2	<12	9.5	16.0	0.9/1.25	0/0.7	38.0	16	24.0	27.7
BDM-2-02	M25×1.5	3/4	<15	12.5	20.5	0.9/1.25	0/0.7	38.0	16	30.0	34.6
BDM-2-03	M32×1.5	1	<21	16.9	26.0	1.25/1.6	0/0.7	44.0	18	36.0	41.6
BDM-2-04	M40×1.5	1 1/4	<27	22.0	33.0	1.6/2.0	0/0.7	46.0	18	46.0	53.1
BDM-2-05	M50×1.5	1 1/2	<33	28.0	41.0	1.8/2.5	0/0.7	50.0	20	55.0	63.5
BDM-2-06	M63×1.5	2	<43	36.0	52.6	1.8/2.5	0/1.0	64.0	20	65.0	75.1
BDM-2-07	M75×1.5	2 1/2	<54.4	46.0	65.3	1.8/2.5	0/1.0	70.0	20	80.0	92.4
BDM-2-08	M85×1.5	3	<66	57.0	78.0	1.8/2.5	0/1.0	80.0	20	95.0	109.6

According to customer's installation requirement provide AG thread lengthen, entry part thread could be G, NPT, M

Single Compression Explosion Proof Cable Gland



Material: Brass or stainless steel
 Hermetic seal: NBR,Silicone rubber
 Explosion proof mark:Exd II Gb/Exd II Gb IP66
 Fire resistance rating: VO(UL94)
 Environmental occasions: I zone and II zone IIA-II C type explosive gas environment,widely used in the introduction of prtroleum,chemical,warehouse food, pharmaceutical military and other electrical cables



Specification parameter

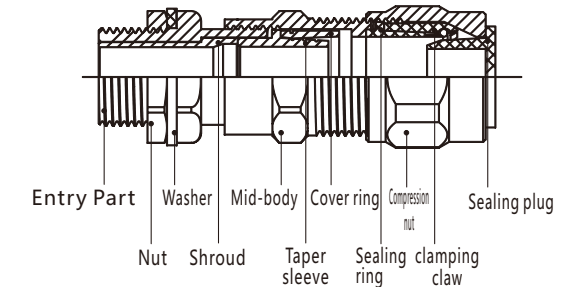
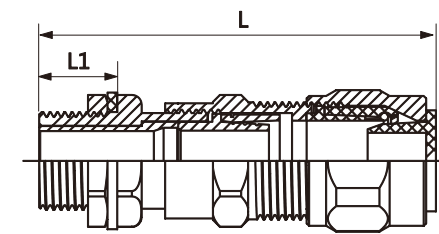
Item	Metric thread AG	NPT thread AG	G thread AG	Cable Outer Diameter	Length L
BDM-10A-02	M25x1.5	NPT 3/4	G 3/4	Φ8 ~ Φ18	62
BDM-10A-03	M32x1.5	NPT 1	G1	Φ12 ~ Φ22	67
BDM-10A-04	M40x1.5	NPT1 1/4	G1 1/4	Φ16 ~ Φ28	77
BDM-10A-05	M50x1.5	NPT1 1/2	G1 1/2	Φ18 ~ Φ33	79
BDM-10A-06	M63x1.5	NPT 2	G 2	Φ25 ~ Φ45	81
BDM-10A-07	M75x1.5	NPT2 1/2	G2 1/2	Φ29 ~ Φ50	100
BDM-10A-08	M85x1.5	NPT 3	G 3	Φ29 ~ Φ65	100
BDM-10A-09	M90x1.5	NPT 4	G 4	Φ41 ~ Φ80	100

According to customer's installstion requirement provide AG thread lengthen,entry part thread could be G, NPT, M

Explosion Proof single Compression Cable Gland(Armoured type)



Material: Brass or stainless steel
 Hermetic seal: NBR,Silicone rubber, Nylon PA66
 Explosion proof mark:Exd IIC Gb/Exe II Gb /Ex tD A21 IP68
 Fire resistance rating: VO(UL94)
 Environmental occasions: I zone and II zone IIA-II C type explosive gas environment,widely used in the introduction of prtroleum,chemical,warehouse food, pharmaceutical military and other electrical cables



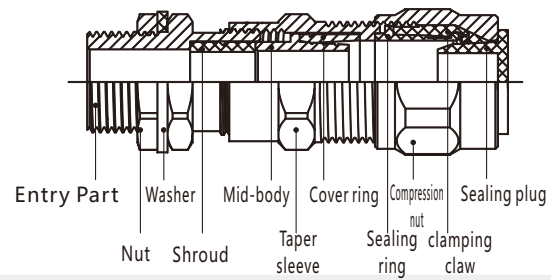
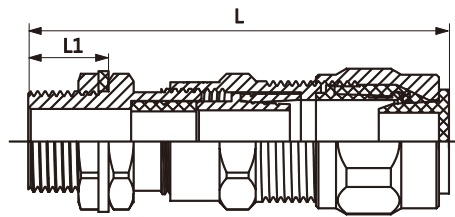
Specification parameter

Item	Metric thread M	NPT thread	G thread	Cable outer Diameter(Thread)			Thead Length L1	Length L	Max Outer diameter	Armoured Layer thickness
				Armoured	Removed	Incoming				
BDM-21-01	M20x1.5A	NPT 1/2A	G1/2A	<12	5.5-12	-	15	66	30	0.3-1.0
BDM-21-02	M20x1.5B	NPT 1/2B	G1/2B	<12	9.5-16	-	15	66	30	0.3-1.0
BDM-21-03	M20x1.5C	NPT 1/2C	G1/2C	<15	12.5-20.5	6-12	15	68	30	0.3-1.0
BDM-21-04	M25x1.5B	NPT 3/4B	G3/4B	<15	12.5-20.5	9-15	15	68	37	0.3-1.0
BDM-21-05	M25x1.5C	NPT 3/4C	G3/4C	<21	17-26	9-15	15	73	37	0.4-1.2
BDM-21-06	M32x1.5B	NPT 1B	G1 B	<21	17-26	14-22	19	77	45	0.4-1.2
BDM-21-07	M32x1.5C	NPT 1C	G1 C	<27	22-33	14-22	19	81	45	0.4-1.4
BDM-21-08	M40x1.5B	NPT1 1/4B	G1 1/4B	<27	22-33	19-28	19	81	55	0.6-1.9
BDM-21-09	M40x1.5C	NPT1 1/4C	G1 1/4C	<33	28-41	24-33	19	88	55	0.6-2.2
BDM-21-10	M50x1.5B	NPT1 1/2B	G1 1/2B	<33	28-41	29-41	19	88	65	0.8-2.3
BDM-21-11	M50x1.5C	NPT1 1/2C	G1 1/2C	<43	36-52.5	29-41	19	96	65	0.8-2.3
BDM-21-12	M63x1.5B	NPT2B	G2B	<43	36-52.5	38-52	19	96	77	0.9-2.4
BDM-21-13	M63x1.5C	NPT2C	G2C	<54.5	46-65	38-52	19	114	82	0.9-2.4
BDM-21-14	M75x1.5B	NPT2 1/2B	G2 1/2B	<54.5	46-65	38-58	19	114	93	0.9-2.4
BDM-21-15	M75x1.5C	NPT2 1/2C	G2 1/2C	<66	57-78	47.5-74	19	119	110	0.9-2.4
BDM-21-16	M90x1.5	NPT 3	G3	<75	68-88		19	119	121	0.9-2.8
BDM-21-17	M110x1.5	NPT 4	G4	<90	83-103		19	125	137	0.9-2.8

Explosion Proof Double Compression Cable Gland(Armoured type)



Material: Brass or stainless steel
 Hermetic seal: NBR,Silicone rubber,Nylon PA66
 Explosion proof mark:Exd IIC Gb/Exe II Gb /Ex tD A21 IP68
 Fire resistance rating: V0(UL94)
 Environmental occasions: I zone and II zone II A- II C type explosive gas environment,widely used in the introduction of prtroleum,chemical,warehouse food, pharmaceutical military and other electrical cables



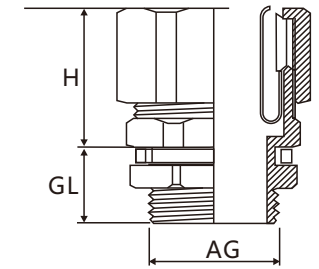
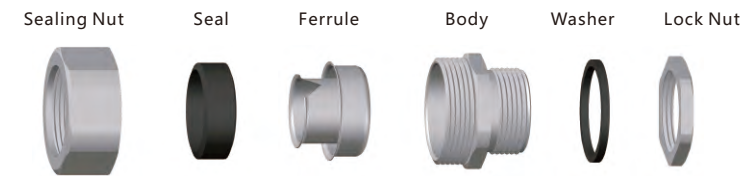
Specification parameter

Item	Metric thread M	NPT thread	G thread	Cable outer Diameter(Thread)			Thread Length L1	Length L	Max Outer diameter	Armoured Layer thickness
				Armoured Standard	Removed (outgoing) Optional	Incoming				
BDM-22-01	M20x1.5A	NPT 1/2A	G1/2A	4-8	-	5.5-12	15	74	30	0.3-1.0
BDM-22-02	M20x1.5B	NPT 1/2B	G1/2B	6.5 -10.5	-	9.5-16	15	74	30	0.3-1.0
BDM-22-03	M20x1.5C	NPT 1/2C	G1/2C	10-14.5	6-12	12.5-20.5	15	76	30	0.3-1.0
BDM-22-04	M25x1.5B	NPT 3/4B	G3/4B	10 -14.5	6-12	12.5-20.5	15	76	37	0.3-1.0
BDM-22-05	M25x1.5C	NPT 3/4C	G3/4C	12.5 -19.5	9-15	17-26	15	83	37	0.4-1.2
BDM-22-06	M32x1.5B	NPT 1B	G1 B	12.5 -19.5	9-15	17-26	19	87	45	0.4-1.2
BDM-22-07	M32x1.5C	NPT 1C	G1 C	19-25.5	14-22	22-33	19	95	45	0.4-1.4
BDM-22-08	M40x1.5B	NPT1 1/4B	G1 1/4B	19-25.5	14-22	22-33	19	95	55	0.6-1.9
BDM-22-09	M40x1.5C	NPT1 1/4C	G1 1/4C	25-31	19-28	28-41	19	102	55	0.6-2.2
BDM-22-10	M50x1.5B	NPT1 1/2B	G1 1/2B	25-31	19-28	28-41	19	102	65	0.8-2.3
BDM-22-11	M50x1.5C	NPT1 1/2C	G1 1/2C	31.5-37	26-33	36-52.5	19	110	65	0.8-2.3
BDM-22-12	M63x1.5B	NPT2B	G2B	31.5-37	26-33	36-52.5	19	110	77	0.9-2.4
BDM-22-13	M63x1.5C	NPT2C	G2C	42.5 -49	39-46.5	46-65	19	131	82	0.9-2.4
BDM-22-14	M75x1.5B	NPT2 1/2B	G2 1/2B	42.5-55	39-46.5	46-65	19	131	93	0.9-2.4
BDM-22-15	M75x1.5C	NPT2 1/2C	G2 1/2C	54.5-64	48-58	57-78	19	138	110	0.9-2.4
BDM-22-16	M90x1.5	NPT 3	G3	63-75		68-88	19	140	121	0.9-2.8
BDM-22-17	M110x1.5	NPT 4	G4	75-90		83-103	19	145	137	0.9-2.8

DPJ Liquid Tight Connector M / G / PG



Material : Nickel-plated brass/SS304/SS316L
 Retainer : TPE
 Sealing ring : Modified rubber
 Mouth: Galvanized steel / SS304
 Protection degree: IP66
 Temperature : -40°C to 105°C
 Need to indicate hose specification and thread size, for example of DPJ-15-G1/2 ". one end 15 hose, the other end G1/2" external thread.



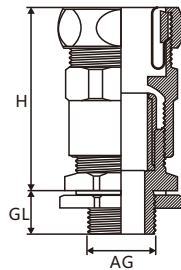
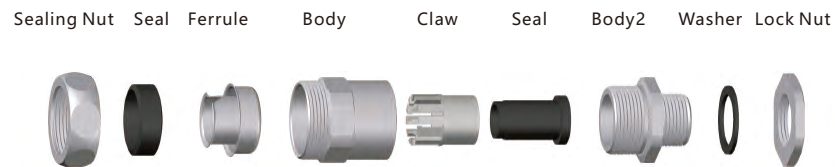
Specification parameter

For conduit size		G	Thread Length GL	Metric	Thread Length GL	PG	Spanner size	Code
Metric	Inch							
Φ6	3/16 "	G1/4 "	7	M12/M14	7	Pg7	18/16	DPJ- "Conduit size" - "Tread type"
Φ8	5/16 "	G3/8 "	7	M14/M16	8	PG9	24/22	
Φ10	1/4 "	G3/8 "	7	M16	8	PG9	24/22	
Φ12 (13)	3/8 "	G3/8 "	10	M18/M20	10	PG11/PG13.5	26	
Φ15 (16)	1/2 "	G1/2 "	12	M20/M22/M24	10	PG13.5/PG16	30	
Φ20 (19)	3/4 "	G3/4 "	12	M25/M27/M30	12	PG21	35	
Φ25	1 "	G1 "	14	M32/M33/M36	12	PG29	43	
Φ32	1-1/4 "	G1-1/4 "	14	M36/M40/M42/M48	14	PG29	52	
Φ38 (40)	1-1/2 "	G1-1/2 "	16	M48/M50	14	PG36/PG42	60	
Φ51 (50)	2 "	G2 "	16	M60/M63/M64/M72	15	PG48	75	
Φ64 (70)	2-1/2 "	G2-1/2 "	24	M76	20		89/87	
Φ75 (80)	3 "	G3	25	M88	22		102/97	
Φ100	4 "	G4 "	25	M114	28		133/128	
Φ125	5 "	G5 "	25	M140	29		158	
Φ150	6 "	G6 "	25	M164	29		183	

**Locking Liquid Tight Connector
PG**



External metal: Nickel-plated brass/stainless steel
 Sealing : Modified rubber
 Seal: PA6
 Ferrule: Galvanized steel/Stainless steel
 Sealing ring: TPE
 Protection degree: IP65
 Temperature: -40°C to 100°C.
 short time to 120°C



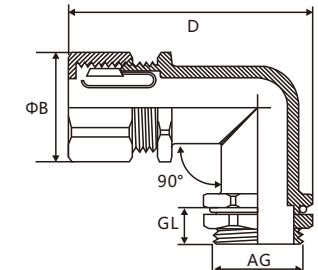
Specification parameter

Item	Range Φ	Thread Length GL	Spanner Size	Conduit Size (Nominal diameter)	Code
PG7-Φ6	3-5.5	6	18/17/14	Φ6	SRPG7-Φ6
PG9-Φ8	4-7	7	20/19/17	Φ8	SRPG9-Φ8
PG11-Φ10	5-9	7	24/23/20	Φ10	SRPG11-Φ10
PG13.5-Φ12	6-11	7	26/26/22	Φ12	SRPG13.5-Φ12
PG16-Φ15	8-14	7	30/30/24	Φ15	SRPG16-Φ15
PG21-Φ20	13-18	8	36/34/30	Φ20	SRPG21-Φ20
PG29-Φ25	15-22	8	45/45/40	Φ25	SRPG29-Φ25
PG36-Φ32	22-30	9	55/52/50	Φ32	SRPG36-Φ32
PG42-Φ38	30-35	9	60/58/58	Φ38	SRPG42-Φ38
PG48-Φ51	37-44	10	75/75/65	Φ51	SRPG48-Φ51
M12*1.5-Φ6	3-5.5	6	18/17/14	Φ6	SRM12-Φ6
M16*1.5-Φ8	4-7	7	20/19/18	Φ8	SRM16-Φ8
M18*1.5-Φ10	5-9	7	24/23/20	Φ10	SRM18-Φ10
M20*1.5-Φ12	6-11	7	26/26/20	Φ12	SRM20-Φ12
M20*1.5-Φ15	6-12	7	30/28/24	Φ15	SRM20-Φ15
M22*1.5-Φ15	8-14	7	30/30/24	Φ15	SRM22-Φ15
M24*1.5-Φ15	8-14	7	30/30/27	Φ15	SRM24-Φ15
M25*1.5-Φ15	8-14	7	30/30/28	Φ15	SRM25-Φ15
M25*1.5-Φ20	13-18	7	36/34/30	Φ20	SRM25-Φ20
M32*1.5-Φ20	13-18	8	36/34/36	Φ20	SRM32-Φ20
M32*1.5-Φ25	15-22	8	45/40/36	Φ25	SRM32-Φ25
M36*2-Φ25	15-22	8	45/45/40	Φ25	SRM36-Φ25
M40*1.5-Φ32	22-30	9	55/52/45	Φ32	SRM40-Φ32
M40*1.5-Φ38	22-30	9	60/58/50	Φ32	SRM40-Φ38
M48*1.5-Φ32	22-32	9	55/52/55	Φ38	SRM48-Φ32
M50*1.5-Φ38	30-35	9	60/58/55	Φ38	SRM50-Φ38
M50*1.5-Φ51	30-35	9	75/75/75	Φ51	SRM50-Φ51
M56*2-Φ38	30-38	9	60/58/60	Φ38	SRM56-Φ38
M60*1.5-Φ51	37-44	10	75/75/70	Φ51	SRM60-Φ51
M63*1.5-Φ51	37-44	10	75/75/70	Φ51	SRM63-Φ51

**90° Liquid Tight Connector
M / PG / G**



Material: Nickel plated brass/
Stainless steel
 Retainer: TPE
 Sealer: Modified rubber
 Mouth: Galvanized iron sheet/
Stainless steel 304
 Protection degree: IP66
 Temperature: From -40°C to 105°C
 90° degree connector is mainly used to connect with SPR-AS flexible conduit.
 45° degree connector is mainly used to connect with SPR-PVC-AS.SPR-PU-AS,metal flexible conduit.



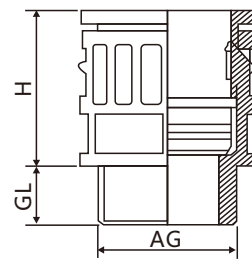
Specification parameter

90°	45°	Size	Conduit Size	ΦB	GL	D	Spanner size	Code
6.5	6	M12/M14/M16	AD10	19	8	33	17	NW "size"
10.0	8.5	M14/M16/M18	AD14	24	9	43	21	
12.5	11.5	M18/M20/M22	AD17/AD19	28	10	55	25	
16.5	15.5	M20/M22/M25/M27	AD21	32.5	10	56	29	
21.5	20.5	M25/M27/M30/M32	AD27	39	14	73	34	
29.5	27.5	M32/M36/M40/M42	AD36	48	14	90	43	
38.0	36.5	M40/M42/M48/M50	AD45	58	14	105	55	
6.5	6	G1/4"/G3/8"	AD10	19	8	33	17	
10.0	8.5	G3/8"	AD14	24	9	43	21	
12.5	11.5	G3/8"/G1/2"	AD17/AD19	28	10	55	25	
16.5	15.5	G1/2"/G3/4"	AD21	32.5	10	56	29	
21.5	20.5	G3/4"	AD27	39	14	73	34	
29.5	27.5	G1"/G1-1/4"	AD36	48	14	90	43	
38.0	36.5	G1-1/4"/G1-1/2"	AD45	58	14	105	55	
6.5	6	PG7/PG9	AD10	19	8	33	17	
10.0	8.5	PG9/PG11	AD14	24	9	43	21	
12.5	11.5	PG11/PG13.5	AD17/AD19	28	10	55	25	
16.5	15.5	PG13.5/PG16	AD21	32.5	10	56	29	
21.5	20.5	PG16/PG21	AD27	39	14	73	34	
29.5	27.5	PG21/PG29	AD36	48	14	90	43	
38.0	36.5	PG29/PG36	AD45	58	14	105	55	

**Nylon Union for Flexible Pipe
M / PG / G**



Material: PA66 (Nylon) ,UL94 V-2
 Temperature: Static state: -40°C to 100°C,
 short time to 120°C;
 Dynamic state: -20°C to 80°C,
 short time to 100°C
 Color: Grey, Black, other color customized



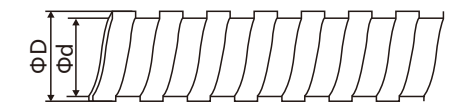
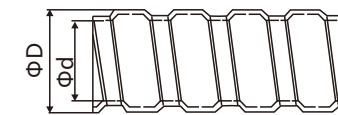
Specification parameter

Item	Conduit Size	Thread O.D. AG	Thread Length GL	Code	Item	Conduit Size	Thread O.D. AG	Thread Length GL	Code
M12×1.5	AD10.0	12	8.5	NLKM12-10.0	PG7	AD10.0	12.4	8.5	NLKPG7-10.0
M12×1.5	AD13.0	12	10	NLKM12-13.0	PG9	AD13.0	15.2	10	NLKPG9-13.0
M16×1.5	AD13.0	16	10	NLKM16-13.0	PG11	AD15.8	18.4	12.5	NLKPG11-15.8
M18×1.5	AD13.0	18	10	NLKM18-13.0	PG13.5	AD18.5	20.4	12.5	NLKPG13.5-18.5
M16×1.5	AD15.8	16	10	NLKM16-15.8	PG16	AD21.2	22.5	13	NLKPG16-21.2
M18×1.5	AD15.8	18	12.5	NLKM18-15.8	PG21	AD28.5	28.3	13	NLKPG21-28.5
M20×1.5	AD15.8	20	12.5	NLKM20-15.8	PG29	AD34.5	37	14	NLKPG29-34.5
M20×1.5	AD18.5	20	12.5	NLKM20-18.5	PG36	AD42.5	47	15	NLKPG36-42.5
M22×1.5	AD18.5	22	12.5	NLKM22-18.5	PG42	AD54.5	54	16	NLKPG42-54.5
M20×1.5	AD21.2	20	13	NLKM20-21.2	PG48	AD54.5	59.3	16	NLKPG48-54.5
M24×1.5	AD21.2	24	13	NLKM24-21.2					
M25×1.5	AD21.2	25	13	NLKM25-21.2	G(PF) 1/4	AD10.0	13.1	8.5	NLKG1/4-10.0
M25×1.5	AD25.0	25	13	NLKM25-25.0	G(PF) 3/8	AD15.8	16.6	12.5	NLKG3/8-15.8
M25×1.5	AD28.5	25	13	NLKM25-28.5	G(PF) 1/2	AD15.8	20.9	12.5	NLKG1/2-15.8
M27×1.5	AD28.5	27	13	NLKM27-28.5	G(PF) 1/2	AD18.5	20.9	12.5	NLKG1/2-18.5
M30×1.5	AD28.5	30	13	NLKM30-28.5	G(PF) 1/2	AD21.2	20.9	13	NLKG1/2-21.2
M32×1.5	AD28.5	32	13	NLKM32-28.5	G(PF) 3/4	AD21.2	26.4	13	NLKG3/4-21.2
M32×1.5	AD34.5	32	14	NLKM32-34.5	G(PF) 3/4	AD28.5	26.4	13	NLKG3/4-28.5
M36×1.5	AD34.5	36	14	NLKM36-34.5	G(PF) 1	AD34.5	33.2	14	NLKG1-34.5
M40×1.5	AD34.5	40	14	NLKM40-34.5	G(PF) 1 1/4	AD42.5	41.9	15	NLKG1 1/4-42.5
M40×1.5	AD42.5	40	15	NLKM40-42.5	G(PF)1/2	AD42.5	48	15	NLKG1 1/2-42.5
M48×1.5	AD42.5	48	15	NLKM48-42.5	G(PF) 1 1/2	AD54.5	48	16	NLKG1 1/2-54.5
M50×1.5	AD54.5	50	16	NLKM50-54.5	G(PF) 2	AD54.5	60	16	NLKG2-54.5
M63×1.5	AD54.5	60	16	NLKM63-54.5					

**Metal Flexible Pipe
PM/BM**



Material: Hot dip galvanized steel plate and special insulation treatment
 Out Material: PVC(black anti-ultraviolet, anti-aging)
 Product certification: European CE, European environmental protection RoHS
 Fire rating: UL94v-0, low smoke non-toxic
 Color: black or grey
 Working temperature: - 30°C to +85°C, instantaneous heat resistant up to 100°C
 Usage: Put the wire into the tube, then tie the metal hose to the head



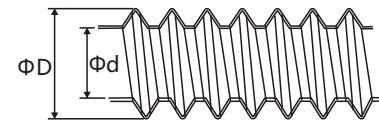
Specification parameter

Item		Trade Sizes		Inner Diameter	Outer Diameter	Bending Radius	Packing
Black	Gray	M	BSP	d	D	mm±10%	
PM-01B	PM-01G	6	3/16"	6.0±0.3	9.2±0.5	40	100M
PM-02B	PM-02G	8	5/16"	8.0±0.3	11.8±0.5	45	100M
PM-03B	PM-03G	10	1/4"	10.0±0.3	14.5±0.5	55	100M
PM-04B	PM-04G	13	3/8"	12.5±0.3	16.8±0.5	65	100M
PM-05B	PM-05G	16	1/2"	15.5±0.3	20.2±0.5	85	100M
PM-06B	PM-06G	20	3/4"	20.0±0.3	25.0±0.5	100	50M
PM-08B	PM-08G	25	1"	25.0±0.3	30.7±0.5	120	50M
PM-10B	PM-10G	32	1 1/4"	32.0±0.3	38.6±0.5	150	25M
PM-12B	PM-12G	38	1 1/2"	38.0±1.0	44.6±1.0	180	25M
PM-16B	PM-16G	51	2"	51.0±1.0	59.0±1.0	220	10M
PM-20B	PM-20G	64	2 1/2"	64.0±1.5	73.5±1.5	310	10M
PM-24B	PM-24G	75	3"	75.0±2.0	83.5±2.0	350	10M
PM-32B	PM-32G	100	4"	100.0±3.0	109.5±3.0	410	10M
PM-36B	PM-36G	125	5"	125.00±3.0	135.5±3.0	460	5M
PM-38B	PM-38G	150	6"	150.0±4.0	160.5±4.0	500	5M

Nylon Flexible Pipe
PA / PP / PE



Material: PP(Polypropylene)
 temperature: - 30°C to 110°C, short time at 130°C
 Product certification: European CE, European environmental protection ROHS
 Directions: It can protect wire and cable from external wear and insulation. It is mainly used in automobile wire harness industry
 Description: high in PP material hardness hose series



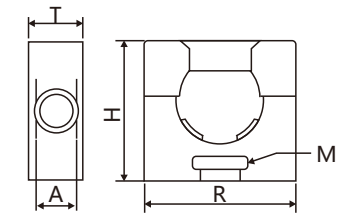
Specification parameter

Code	Conduit Size		Inner Size d	Outer Size D	Bending Radius mm±10%	Dynamic Bend Radius
PA-10.0	AD10.0	1/4"	6.50	10.00	16	35
PA-11.6	AD11.6		8.00	11.60	16	35
PA-13.0	AD13.0	5/16"	10.00	13.00	20	45
PA-15.8	AD15.8	3/8"	12.00	15.80	30	60
PA-18.5	AD18.5		14.30	18.50	40	70
PA-21.2	AD21.2	1/2"	17.00	21.20	45	75
PA-25.0	AD25.0		20.00	25.00	45	75
PA-28.5	AD28.5	3/4"	23.00	28.50	50	110
PA-34.5	AD34.5	1"	29.00	34.50	60	115
PA-42.5	AD42.5	1-1/4"	36.00	42.50	70	120
PA-54.5	AD54.5	2"	48.00	54.50	90	150

Bellows Fixed Frame
M / PG / G



Material: PA(NYLON)
 Work temperature: -40°C to 100°C
 Color : Black(other color can be customized)
 Supply scope: Eliminate old one with cap or no cap,adopt firm new design



Specification parameter

Conduit size	B	H	T	M	A	Code
AD10.0	25.0	26.0	12.5	4.0	6.5	NBAD10
AD13.0	30.0	26.0	12.5	4.0	6.5	NBAD13
AD15.8	30.0	26.0	12.5	5.0	6.5	NBAD15.8
AD18.5	35.0	33.0	15.0	6.0	6.5	NBAD18.5
AD21.2	35.0	34.0	15.0	6.0	6.5	NBAD21.2
AD25.0	42.0	38.0	16.0	6.0	11.5	NBAD25
AD28.5	42.0	42.0	16.0	6.0	11.5	NBAD28.5
AD34.5	51.0	49.0	16.0	6.0	11.5	NBAD34.5
AD42.5	58.0	57.0	18.0	6.0	11.5	NBAD42.5
AD54.5	73.0	70.0	20.0	7.0	12.0	NBAD54.5

**Metal Enlarger
M / PG**



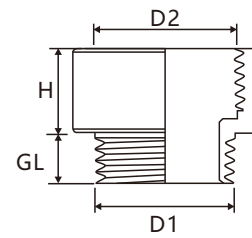
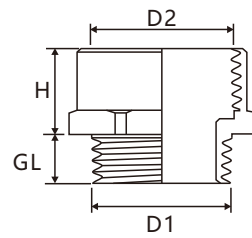
Material: Nickel-plated brass
 O-Ring: NBR, Silicone rubber
 Protection degree: IP54
 Temperature: Static state: -40°C to 100°C,
 short time to 120°C;



Hexagonal



Round



Specification parameter

Item	Thread		Thread Length GL	Joint Length H	Spanner size	Code
	Outer	Inner				
M12-M16	M12×1.5	M16×1.5	5	10.5	18	REM12-M16
M16-M20	M16×1.5	M20×1.5	5	10.5	22	REM16-M20
M20-M25	M20×1.5	M25×1.5	6	11.5	27	REM20-M25
M25-M32	M25×1.5	M32×1.5	7	12	34	REM25-M32
M32-M40	M32×1.5	M40×1.5	7	13	42	REM32-M40
M40-M50	M40×1.5	M50×1.5	8	16	52	REM40-M50
M50-M63	M50×1.5	M63×1.5	9	17	66	REM50-M63
PG7-PG9	PG7	PG9	6	10.5	17	REPG7-PG9
PG9-PG11	PG9	PG11	6.5	10.5	20	REPG9-PG11
PG11-PG13.5	PG11	PG13.5	6.5	10.5	22	REPG11-PG13.5
PG13.5-PG16	PG13.5	PG16	6.5	11	24	REPG13.5-PG16
PG16-PG21	PG16	PG21	7.5	11	30	REPG16-PG21
PG21-PG29	PG21	PG29	8	11	39	REPG21-PG29
PG29-PG36	PG29	PG36	9	13	50	REPG29-PG36
PG36-PG42	PG36	PG42	10	15	57	REPG36-PG42
PG42-PG48	PG42	PG48	10	16	64	REPG42-PG48

**Metal Reducer
M / PG**



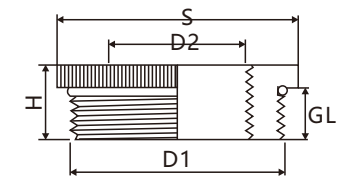
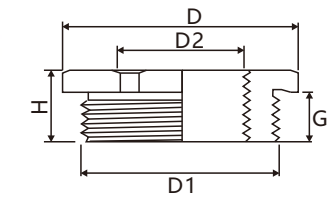
Material: Nickel-plated brass
 O-Ring: NBR, Silicone rubber
 Protection degree: IP54
 Temperature: Static state: -40°C to 100°C,
 short time to 120°C;



Hexagonal



Round



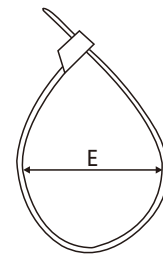
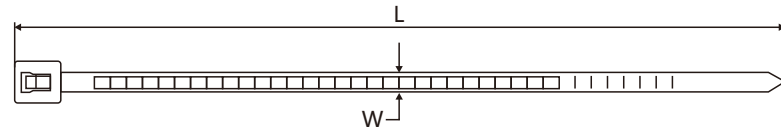
Specification parameter

Item	Thread		Thread Length GL	Joint Length H	Spanner size	Code
	Outer	Inner				
M16-M12	M16 X 1.5	M12 X 1.5	6	9	18	REM16-M12
M20-M16	M20X1.5	M16 X 1.5	6.5	9.5	22	REM20-M16
M25-M20	M25 X1.5	M20X1.5	7.5	10.5	27	REM25-M20
M32-M25	M32X1.5	M25X1.5	8	11.5	35	REM32-M25
M40-M32	M40X1.5	M32X1.5	9	12.5	45	REM40-M32
M50-M40	M50X1.5	M40X1.5	10	14	55	REM50-M40
M63-M50	M63X1.5	M50X1.5	10	14	68	REM63-M50
PG9-PG7	PG9	PG7	6	9	18	REPG9-PG7
PG11-PG9	PG11	PG9	6.5	9.5	20	REPG11-PG9
PG13.5-PG11	PG13.5	PG11	6.5	9.5	22	REPG13.5-PG11
PG16-PG13.5	PG16	PG13.5	6.5	9.5	24	REPG16-PG13.5
PG21-PG16	PG21	PG16	7.5	10.5	30	REPG21-PG16
PG29-PG21	PG29	PG21	8	11.5	40	REPG29-PG21
PG36-PG29	PG36	PG29	9	12.5	50	REPG36-PG29
PG42-PG36	PG42	PG36	10	14	57	REPG42-PG36
PG48-PG42	PG48	PG42	10	14	64	REPG48-PG42

**Nylon Cable Tie
ZD**



Material: Nylon 66 approved by UL, 94V-2, acid proof, corrosion-resistant and not easy to age.
Color: Natural(or white, standard color), UV black and other colors are available as requested.



Specification parameter

Item No	Length L		Width W	Bundle Diameter E	Tensile Strength	
	Inch	MM				
ZD-2.5×100	4.0"	100	2.5	2-22	18	8
ZD-2.5×150	6.0"	150	2.5	2-35	18	8
ZD-2.5×200	8.0"	200	2.5	2-50	18	8
ZD-3.5×150	6.0"	150	3.5	3-35	40	18
ZD-3.5×200	8.0"	200	3.5	3-65	40	18
ZD-3.5×250	10"	250	3.5	3-70	40	18
ZD-3.5×300	12"	300	3.5	3-80	40	18
ZD-3.5×370	14.6"	370	3.5	3-85	40	18
ZD-4.8×150	6.0"	150	4.8	4-35	50	22
ZD-4.8×200	8.0"	200	4.8	4-50	50	22
ZD-4.8×250	10"	250	4.8	4-65	50	22
ZD-4.8×300	12"	300	4.8	4-80	50	22
ZD-4.8×370	14.6"	370	4.8	4-85	50	22
ZD-4.8×100	4.0"	100	4.8	4-22	50	22
ZD-4.8×120	4.7"	120	4.8	4-30	50	22
ZD-4.8×150	6.0"	150	4.8	4-35	50	22
ZD-4.8×180	7.1"	180	4.8	4-50	50	22
ZD-4.8×200	8.0"	200	4.8	4-50	50	22
ZD-4.8×250	10"	250	4.8	4-65	50	22
.ZD-4.8×300	12"	300	4.8	4-80	50	22
.ZD-4.8×350	14"	350	4.8	4-82	50	22

Item No	Length L		Width W	Bundle Diameter E	Tensile Strength	
	Inch	MM				
ZD-4.8×370	14.6"	370	4.8	4-65	50	22
.ZD-4.8×400	16"	400	4.8	4-105	50	22
.ZD-4.8×450	18"	450	4.8	4-118	50	22
.ZD-4.8×500	20"	500	4.8	4-150	50	22
ZD-4.8×650	25.6"	650	4.8	4-185	50	22
ZD-4.8×760	30"	760	4.8	4-200	50	22
ZD-7.6×200	8.0"	200	7.6	5-50	120	55
ZD-7.6×250	10"	250	7.6	5-65	120	55
ZD-7.6×300	12"	300	7.2	5-80	120	55
ZD-7.6×350	14"	350	7.6	5-82	120	55
ZD-7.6×370	14.5"	370	7.6	5-85	120	55
ZD-7.6×400	16"	400	7.6	5-105	120	55
ZD-7.6×450	18"	450	7.6	5-118	120	55
ZD-7.6×500	20"	500	7.6	5-150	120	55
ZD-7.6×550	21.6"	550	7.6	5-160	120	55
ZD-8.8×400	16"	400	8.8	6-105	170	75
ZD-8.8×450	18"	450	8.8	6-118	170	75
ZD-8.8×500	20"	500	8.8	6-105	170	75
ZD-8.8×550	21.6"	550	8.8	6-160	170	75
ZD-8.8×600	23.6"	600	8.8	6-170	170	75
ZD-8.8×650	25.6"	650	8.8	6-185	170	75
ZD-8.8×700	27.6"	700	8.8	6-190	170	75
ZD-8.8×760	30"	750	8.8	6-200	170	75
ZD-8.8×800	31.5"	800	8.8	6-230	170	75
ZD-8.8×900	35.5"	900	8.8	6-265	170	75
ZD-8.8×1000	39.4"	1000	8.8	6-300	170	75

**Metal Plug Cap
M / PG**



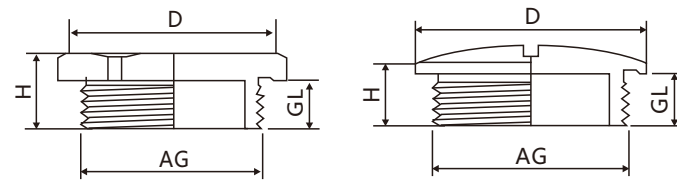
Material: Nickel-plated brass
 O-Ring: NBR, Silicone rubber
 Protection degree: IP54
 Temperature: Static state: -40°C to 100°C,



Hexagonal



Round



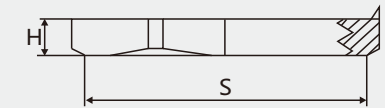
Specification parameter

Item	Thread Length GL	Joint Length H	Spanner size	Code
PG7	5	8	14	SCPG7
PG9	6	9	18	
PG11	6	9	20	
PG13.5	6.5	9.5	22	
PG16	6.5	9.5	24	
PG21	7.5	11	30	
PG29	8	12	40	
PG36	9	15	50	
PG42	10	16	57	
PG48	10	16	64	
M8×1	5	8	12	
M10×1	5	8	12	
M12×1.5	5	8	14	
M16×1.5	6	9	18	
M18×1.5	6	9	20	
M20×1.5	6.5	9.5	22	
M22×1.5	6.5	9.5	24	
M24×1.5	6.5	10	27	
M25×1.5	6.5	10	27	
M30×1.5	6.5	10	32	
M32×1.5	7	11	36	
M36×1.5	8	12	40	
M40×1.5	8	13	45	
M50×1.5	9	15	55	
M60×1.5	10	16	64	
M63×1.5	10	16	68	
M72×2	10	16	78	

**Locknut
M / PG / G / NPT**



Material: Nickel-plated brass
 Application: For use with most electrical fittings



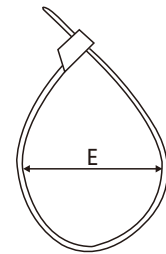
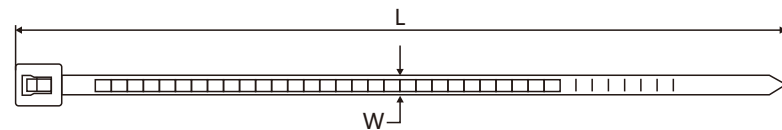
Specification parameter

Item	Code	Thickness	Spanner size	Item	Code	Thickness	Spanner size
M12*1.5	LN12	3	14	PG7	LNPG7	3	15
M14*1.5	LN14	3	17	PG9	LNPG9	3	18
M16*1.5	LN16	3	18	PG11	LNPG11	3	21
M18*1.5	LN18	3	20	PG13.5	LNPG13.5	3	23
M20*1.5	LN20	3	22	PG16	LNPG16	3.2	25
M22*1.5	LN22	3.2	24	PG19	LNPG19	3.5	27
M24*1.5	LN24	3.5	27	PG21	LNPG21	4	30
M25*1.5	LN25	3.5	27	PG25	LNPG25	4	35
M27*1.5	LN27	4	30	PG29	LNPG29	4	40
M30*1.5	LN30	4	32	PG36	LNPG36	5.5	50
M32*1.5	LN32	4	35	PG42	LNPG42	6	57
M33*1.5	LN33	4	36	PG48	LNPG48	6.5	64
M36*1.5	LN36	4	40	PG63	LNPG63	8.5	78
M37*1.5	LN37	4	40	G1/2	LNG1 2	3	23
M40*1.5	LN40	4.5	45	G3/4	LNG3/4	4	30
M42*1.5	LN42	5	45	G1	LNG1	4	40
M47*1.5	LN47	5.5	50	G1-1/4	LNG1-1/4	5.5	50
M48*1.5	LN48	5.5	52	G1-1/2	LNG1-1/2	5.5	57
M50*1.5	LN50	5.5	55	G2	LNG2	6	64
M54*1.5	LN54	5.5	55	G2-1/2	LNG2-1/2	8.5	78
M60*1.5	LN60	6	64	G3	LNG3	9	94
M63*1.5	LN63	6	68	NPT1/2	LNNPT1/2	3	23
M64*2	LN64	6	68	H1PT3/4	LNNPT3/4	4	30
M72*2	LN72	8.5	78	NPT1	LNNPT1	4	40
M75*2	LN75	8.5	78	NPT1-1/4	LNNPT1-1/4	5.5	50
M80*2	LN80	9	88	NPT1-1/2	LNNPT1-1/2	5.5	57
M88*2	LN88	9	94	NPT2	LNNPT2	6	64
M100*2	LN100	9	110	NPT2-1/2	LNNPT2-1/2	8.5	78
				NPT3	LNNPT3	9	94

Stainless Steel Cable Tie



Material: SS304 or SS316
 Working Temp: -60°C -150°C
 Description: Entirely metallic
 Flammability: Fireproof
 Other Properties: UV-resistant
 Product Feature: Ball-Lock type self-lock system will speed the installation



Specification parameter

Item No	Width W		Length L		Thickness		Max. bundle Range		Min. bundle Range		Min. pulling force	
	MM	Inch	MM	Inch	MM	Inch	MM	Inch	MM	Inch	N	Lbs
SD 4.6*100	4.6	0.18	100	3.9	0.26	0.01	25	1	12.7	0.5	1100	250
SD 4.6*150	4.6	0.18	150	5.9	0.26	0.01	37	1.46	12.7	0.5	1100	250
SD 4.6*200	4.6	0.18	200	7.9	0.26	0.01	50	1.97	12.7	0.5	1100	250
SD 4.6*250	4.6	0.18	250	9.8	0.26	0.01	63	2.5	12.7	0.5	1100	250
SD 4.6*300	4.6	0.18	300	11.8	0.26	0.01	76	3	12.7	0.5	1100	250
SD 4.6*350	4.6	0.18	350	13.8	0.26	0.01	89	3.51	12.7	0.5	1100	250
SD 4.6*400	4.6	0.18	400	15.7	0.26	0.01	102	4	12.7	0.5	1100	250
SD 4.6*450	4.6	0.18	450	17.7	0.26	0.01	115	4.5	12.7	0.5	1100	250
SD 4.6*500	4.6	0.18	500	19.7	0.26	0.01	128	5	12.7	0.5	1100	250
SD 4.6*550	4.6	0.18	550	21.7	0.26	0.01	141	5.56	12.7	0.5	1100	250
SD 4.6*650	4.6	0.18	650	25.6	0.26	0.01	167	6.58	12.7	0.5	1100	250
SD 4.6*700	4.6	0.18	700	27.6	0.26	0.01	179	7.05	12.7	0.5	1100	250
SD 4.6*800	4.6	0.18	800	31.5	0.26	0.01	193	7.6	12.7	0.5	1100	250
SD 4.6*900	4.6	0.18	900	35.4	0.26	0.01	200	7.87	12.7	0.5	1100	250
SD 4.6*1000	4.6	0.18	1000	39.4	0.26	0.01	206	8.12	12.7	0.5	1100	250
SD 4.6*1100	4.6	0.18	1100	43.3	0.26	0.01	278	10.94	12.7	0.5	1100	250

Item No	Width W		Length L		Thickness		Max. bundle Range		Min. bundle Range		Min. pulling force	
	MM	Inch	MM	Inch	MM	Inch	MM	Inch	MM	Inch	N	Lbs
SD 7.9*150	7.9	0.31	150	5.9	0.26	0.01	37	1.46	12.7	0.5	1500	340
SD 7.9*200	7.9	0.31	200	7.9	0.26	0.01	50	1.97	12.7	0.5	1500	340
SD 7.9*250	7.9	0.31	250	9.8	0.26	0.01	63	2.5	12.7	0.5	1500	340
SD 7.9*300	7.9	0.31	300	11.8	0.26	0.01	76	3	12.7	0.5	1500	340
SD 7.9*350	7.9	0.31	350	13.8	0.26	0.01	89	3.5	12.7	0.5	1500	340
SD 7.9*400	7.9	0.31	400	15.7	0.26	0.01	102	4	12.7	0.5	1500	340
SD 7.9*500	7.9	0.31	500	19.7	0.26	0.01	128	5	12.7	0.5	1500	340
SD 7.9*600	7.9	0.31	600	23.6	0.26	0.01	154	6.07	12.7	0.5	1500	340
SD 7.9*800	7.9	0.31	800	31.5	0.26	0.01	193	7.6	12.7	0.5	1500	340
SD 7.9*1000	7.9	0.31	1000	39.4	0.26	0.01	206	8.12	12.7	0.5	1500	340
SD 10*300	10	0.39	300	11.8	0.26	0.01	76	3	12.7	0.5	2100	340
SD 10*350	10	0.39	350	13.8	0.26	0.01	89	3.5	12.7	0.5	2100	340
SD 10*400	10	0.39	400	15.7	0.26	0.01	102	4	12.7	0.5	2100	340
SD 10*500	10	0.39	500	19.7	0.26	0.01	128	5	12.7	0.5	2100	340
SD 10*600	10	0.39	600	23.6	0.26	0.01	154	6.07	12.7	0.5	2100	340
SD 10*800	10	0.39	800	31.5	0.26	0.01	193	7.6	12.7	0.5	2100	340
SD 10*1000	10	0.39	1000	39.4	0.26	0.01	206	8.12	12.7	0.5	2100	340
SD 12*350	12	0.47	350	13.8	0.35	0.014	78	3.07	25.4	1	3000	675
SD 12*400	12	0.47	400	15.7	0.35	0.014	102	4.02	25.4	1	3000	675
SD 12*500	12	0.47	500	19.7	0.35	0.014	128	5.04	25.4	1	3000	675
SD 12*600	12	0.47	600	23.6	0.35	0.014	154	6.06	25.4	1	3000	675
SD 12*750	12	0.47	750	29.5	0.35	0.014	188	7.4	25.4	1	3000	675
SD 12*900	12	0.47	900	35.4	0.35	0.014	228	8.98	25.4	1	3000	675
SD 12*1100	12	0.47	1100	43.3	0.35	0.014	278	10.94	25.4	1	3000	675
SD 12.7*350	12.7	0.5	350	13.8	0.35	0.014	78	3.07	12.7	0.5	1100	250
SD 12.7*400	12.7	0.5	400	15.7	0.35	0.014	102	4.02	12.7	0.5	1100	250
SD 12.7*500	12.7	0.5	500	19.7	0.35	0.014	128	5.04	12.7	0.5	1100	250
SD 12.7*600	12.7	0.5	600	23.6	0.35	0.014	154	6.06	12.7	0.5	1100	250
SD 12.7*750	12.7	0.5	750	29.5	0.35	0.014	188	7.4	12.7	0.5	1100	250
SD 12.7*900	12.7	0.5	900	35.4	0.35	0.014	228	8.98	12.7	0.5	1100	250
SD 12.7*1100	12.7	0.5	1100	43.3	0.35	0.014	278	10.94	12.7	0.5	1100	250
SD 15*350	15	0.59	350	13.8	0.35	0.014	78	3.07	25.4	1	4000	900
SD 15*400	15	0.59	400	15.7	0.35	0.014	102	4.02	25.4	1	4000	900
SD 15*450	15	0.59	450	17.7	0.35	0.014	108	4.25	25.4	1	4000	900
SD 15*600	15	0.59	600	23.6	0.35	0.014	148	5.83	25.4	1	4000	900
SD 15*750	15	0.59	750	29.5	0.35	0.014	184	7.24	25.4	1	4000	900
SD 15*900	15	0.59	900	35.4	0.35	0.014	220	8.66	25.4	1	4000	900
SD 15*1100	15	0.59	1100	43.3	0.35	0.014	272	10.71	25.4	1	4000	900

International Protection. EN 60529

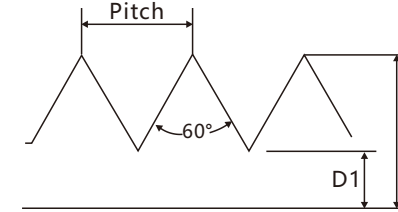
1.Code		2.Code	Protection of water								
Protection against human access to hazardous parts	Protection of equipment against penetration of solid foreign objects		Non-protected	Protection against dripping water	Protection against vertically falling water drop when device tilted up to 15°	Water sprayed at an angle up to 60° on either side of the vertical shall have no harmful effects	Water splashed from any direction shall have no harmful effects	Water projected in powerful jet from any direction shall have no harmful effects	Water projected in powerful jet from any direction shall have no harmful effects	Protection against temporary submersion	Protection against permanent submersion
			IPx0	IPx1	IPx2	IPx3	IPx4	IPx5	IPx6	IPx7	IPx8
Non-protected	Non-protected	IP0x	IP00						IP66	IP67	IP68
Protected against access to hazardous parts with the back of the hand	Protected against solid foreign objects larger in diameter than 50mm	IP1x	IP10	IP11	IP12						
Protected against access to hazardous parts with a finger	Protected against solid foreign objects larger in diameter than 12,5mm	IP2x	IP20	IP21	IP22				IP55		
Protected against access to hazardous parts with a tool larger in diameter than 25mm	Protected against solid foreign objects larger in diameter than 2,5mm	IP3x	IP30	IP31	IP32		IP33	IP34	IP65		
Protected against access to hazardous parts with a wire larger in diameter than 1,0mm	Protected against solid foreign objects larger in diameter than 1mm	IP4x	IP40	IP41	IP42		IP43	IP44			
Protected against access to hazardous parts with a wire larger in diameter than 1,0mm	Prevents penetration of dust sufficient to cause damage inside the equipment	IP5x	IP50	IP51	IP52		IP53	IP54			
Protected against access to hazardous parts with a wire larger in diameter than 1,0mm	Dust proof	IP6x	IP60	IP61	IP62		IP63	IP64			

Product Material Abbreviations

CR	Chloroprene rubber	PP	Polypropylene
FPM	Fluorelastomer	PVC	Polyvinylchloride
Ms	Nickel plated brass	PVDF	Polyvinylidenfluoride
NBR	Buna-N	SB	Styrene Butadiene
PA	Polyamide	VMO	Silicone
PE	Polyethylene		

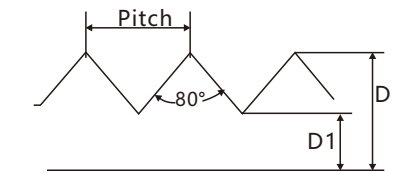
Technical Information

Metric ISO Thread Specifications



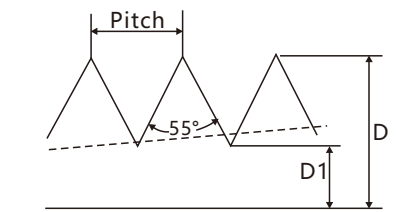
Size	Pitch	Outside D	Inside D1
M8×1	1	8	6.5
M10×1	1	10	8.5
M12×1.5	1.5	12	10.5
M20×1.5	1.5	20	18.5
M25×1.5	1.5	25	23.5
M32×1.5	1.5	32	30.5
M40×1.5	1.5	40	38.5
M50×1.5	1.5	50	48.5
M63×1.5	1.5	63	61.5
M72×2	2	72	70

PG Thread Specifications



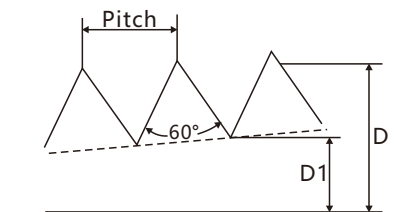
Size	Pitch	Outside D	Inside D1
PG7	1.270	12.50	11.28
PG9	1.410	15.20	13.86
PG11	1.410	18.60	17.26
PG13.5	1.410	20.40	19.06
PG16	1.410	22.50	21.16
PG21	1.588	28.30	26.78
PG29	1.588	37.00	35.48
PG36	1.588	47.00	45.48
PG42	1.588	54.00	52.48
PG48	1.588	59.30	57.78

PG Thread Specifications



Size	Pitch	Outside D	Inside D1
G1/4 "	1.337	13.157	11.445
G3/4 "	1.337	16.662	14.950
G1/2 "	1.814	20.955	18.631
G3/4 "	1.814	26.441	24.117
G1 "	2.309	33.249	30.910
G1 1/4"	2.309	41.910	38.952
G1 1/2"	2.309	47.803	44.845
G2"	2.309	59.614	56.656

PG Thread Specifications



Size	Pitch	Outside D	Inside D1
NPT1/4"	1.337	13.157	11.445
NPT3/4"	1.337	16.662	14.950
NPT1/2"	1.814	20.955	18.631
NPT3/4"	1.814	26.441	24.117
NPT1"	2.309	33.249	30.910
NPT1 1/4 "	2.309	41.910	38.952
NPT1 1/2 "	2.309	47.803	44.845
NPT2 "	2.309	59.614	56.656

Properties And Surface Treatment For Various Metal Material

Name	Properties Materials	Application
PA	PA6 Properties-glass fiber will be added in the range of 5-60%,depending: on the requirement of the product. This material has very good strength, heat resistance, excellent shock resistance, good dimensional stable and low warping, etc.	Widely used in machinery, instruments and meters, electrical and electronic products, railroad, home appliances, communications etc.
	PA66 It has excellent wear resistance, self-lubrication, high mechanical strength.	
	PA6/PA66+GF Properties-glass fiber will be added in the range of 5-60%,depending on the requirement of the product. This material has very good strength, heat resistance, excellent shock resistance, good dimensional stable and low warping, etc.	
Brass	H59 The mechanical properties of brass are due to its zine content;H59 brass has good corrosion resistant ability, high strength, hardness and good plasticity and good stability for general corrosion.	Widely used in light industry, instruments and meters. Frequently used in the field of electrical en8ineering. (Nickel plating of the surface treatment can improve the corrosion resistance performance of the product)
Aluminium	6061-T6 6061 aluminum has excellent processing performance, excellent wlldin8 and electroplating characteristics,80ad corrosion resistance,hi8h toughness, no deformation after processing, it is a dense material without defect, easy polishing, easy coloring film and good oxidation effects.	The application of 6061 aluminum includes: fixing devices for earospace and electrical appliances, photovoltaic and communications areas. It is also widely used in automated machinery parts, precision machining, and so on.

Surface treatment - notes for nickel plated brass:

- 1.The electroplating is a process that uses electric current to transform Nickel cation into metal nickel deposition on the anode; Nickel-plated brass is a process that uses chemical reduction to reduce Nickel cations into metal nickel deposition on the surface of the substrate (brass) ,giving the special surface properties to the products. For example: giving products a variety of colors, strong corrosion resistance/wear resistance, exquisite crystallization on coating, smooth and bright, small internal stress and good electroconductivity.
- 2.The electroless plating is a process that uses metal-salt and reducing agent to produce autocatalytic reaction on the material surface in order to obtain coating; Nickel-plated b*w;s is a process that uses reducing agent to produce autocatalytic reduction dposition on activation parts (brass) surface in order to obtain coating. The main Properties of electroless nickel plated products are: well-distributed coating thickness,800d compactness, coating adhesion, and plating depthcapability.

Yueqing: Hongxiang Comector Manufacturing Co., Ltd can provide you two kinds of nickel plating methods:

- 1.Electroplating
- 2.Electroloss nickel plating

Note: Electroless nickel Platin8 is much stronger by comparison. It bonds with the surface of complex parts, with strong depth capability, thicker coatin8 than electroplating, no defects on the coatin8 such as peeling, or nickel bubbling after the hydrogen burning. However, due to the slow speed, electroless nickel plating requires a better surface treatment of unplated products. So its cost is relatively higher than electroplating.

Setection Of Sealing Materials

Name	Properties Materials	Application
NBR	This sealing ring is black and made from nitrile rubber. It has excellent oil resistance. Good physical properties. However, the NBR lip seal should not be used where there is a risk of temperatures above 80°C.NBR is not resistance to solvents, also the flexibility is not good.	Nitrile rubber is commonly used in the manufacture of various oil-resistant molded products, such as O-ring, Oil seal and Rubber or other wear-resistance parts.
EPDM	This sealing ring is made of ethylene propylene diene monomer. The most important feature is its superior resistance to oxidation, ozone and erosion. Anti-aging performance, wire insulation and impact elasticity are very good	Mainly Used for aging resistance, water reistance, corrosion resistance, electric insulation field. such as automobile inner tube, cable wire, household electrical accessories, etc.
Silicone	1.High temperature:200°C high temperature environment, silicone rubber can still maintain a certain degree of flexibility, elasticity and hardness, and no significant changes in mechanical properties. 2.Low temperature: silicone rubber glass transition temperature -70~-50°C,special formulations could reach -100°C . 3.Electrical performance: silicone rubber has excellent insulatin8 properties, corona resistance and good arc resistance. 4.Physical and mechanical properties: mechanical properties of silicone rubber is not as good as common rubber at normal temperature, But it's much better than common rubber at 150°C high temperature and the low temperature of -50°C . 5.Oil and chemical resistance: ordinary silicone is with moderate oil resistance and solvent resistance:	Excellent high and low temperature properties. Fair physical properties.
FKM/FPMNITON	1.Chemical stability: FPM has good chemical stability. 26 fluoro rubber resistant to petroleum base oils and diester oils, silicon oil silicate, inorganic acid-resistant, resistant to most organic and inorganic solvents, chemicals,etc. 2.Excellent temperature resistance: Just like silicone rubber,26 FPM can be used for a long time in 250°C high temperature. 3.26 FPM has excellent resistance to aging, and ozone-resistant properties. The performance remains satisfactory after storage for ten years. 4.26 FPM has excellent vacuum performance. 5.It has good mechanical properties:26 FPM will deform permanently at under 150°C compared with 26 FPM, the deformation of Nitrile rubber and neoprene are larger. 6.Moderate Permeability: PermeabiliW of 26 FPM for oxygen, nitrogen, helium, carbon dioxide gas is nearty same as that of nitrile-butadiene rubber at 30°C ,but better than that neoprene."	FPM washer is mainly used in oil acid, amino compounds and other places with a high concentration of corrosive media. It is used in the chemical industry. aviation aerospace control and fuel systems hydraulic oil, jet fuel and high temperature lubricating oil sealing. Also used by ae rospace, chemical, oil, semiconductor manufacturing.