

本手册刊载的型号和规格因产品更新而变化，恕不另行通知。本手册仅供参考之用，一切以实物为准，最终解释权归卡卡电气有限公司所有，翻版必究

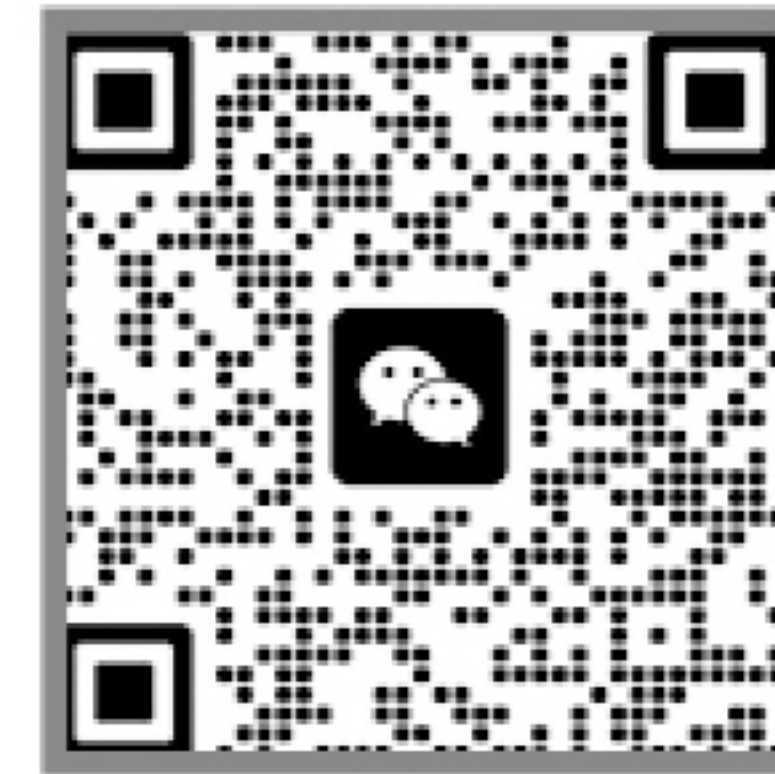
Models and specifications published in this manual are subject to change without notice due to product updates. This manual is for reference only, all in kind shall prevail, the final interpretation right belongs to Kaka Electric Co., LTD., copy shall be reserved



阿里巴巴店铺



电子目录



微信

WIRING ACCESSORIES

KAKCOM® 卡卡电气

④ 电缆配件

不锈钢电缆接头 / 金属电缆接头

尼龙电缆接头 / 电缆接头



KAKCOM® 卡卡电气

乐清市卡卡电气有限公司
YUEQING KAKA ELECTRIC CO.,LTD.

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电话 /Tel: 0577-61759562 传真 /Fax: 0577-61759572
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Http://www.kkdq.cc

Focus on electrical wiring equipment field
to promote power innovation

专注电器配线器材领域 推动动力革新

2014 年

有限公司正式成立
THE COMPANY WAS FORMALLY ESTABLISHED

300 万

卡卡公司注册资金
REGISTERED CAPITAL OF CORPORATION

10+ 台

10+ 台（套）生产设备
PASS RELEVANT TEST CERTIFICATION

500 个

500+ 企业共同见证成长
500+ COMPANIES WITNESS GROWTH



COMPANY
PROFILE
企业简介

乐清市卡卡电气有限公司位于浙江省温州市乐清市柳市镇（中国电器之都）是一家集研发、设计、生产销售于一体的科技型企业 -- 专注于优质配线器材的生产与销售，公司目前拥有几十台注塑机和数控车床，公司目前通过 ISO9001、IP68、CE、ROHS、REACH 等国际认证。公司拥有一支优秀完善的生产团队与先进的模具制造、注塑成型的设备，致力于塑胶模具与塑胶产品的生产，为客户提供最优的解决方案。主要生产产品有：

- 波纹管接头系列（直插接头、弯头、浪管接头、浪管防水弯头、波纹管分体支架、连体支架，波纹管）
- 波纹管系列（PA 尼龙阻燃，PA 尼龙，PP 阻燃，PE）
- 塑料扣塞系列（HP、SB、OSB）
- 塑料电缆接头系列（普通款电缆防水接头，高端环保电缆接头、防折弯，MG 电缆接头）
- 黄铜镀镍 / 不锈钢金属接头系列（金属电缆接头、堵头、防折弯）
- 电磁铁系列（圆形电磁铁，方形电磁铁，消磁点磁铁推拉电磁铁、环形电磁铁）
- 防水连接器系列（M 型、CN 型、T 型、Y 型 2 芯，3 芯 4 芯，5 芯，）
- 接线盒系列（2 通、3 通、4 通、5 通、6 通）

公司产品广泛应用于电子家电，通信，电子机械，电机，汽车，医疗，五金照明设备健身器材等行业通过近十年来年的努力与发展，产品的质量与服务已经得到客户充分的认可，并在行业里取得超高的口碑和很好的品牌效应。目前公司为各知名企业提供专业的配套服务！

专业的卡卡，永远是您最值得依赖的供应伙伴！

Yueqing Kaka Electric Co., LTD., located in Liushi Town, Yueqing City, Wenzhou City, Zhejiang Province (the electrical capital of China), is a scientific and technological enterprise integrating research and development, design, production and sales -- focusing on the production and sales of high-quality wiring equipment. The company currently has dozens of injection molding machines and CNC lathes. The company has passed ISO9001, IP68, CE, ROHS, REACH and other international certifications. The company has an excellent and perfect production team and advanced mold manufacturing, injection molding equipment, committed to the production of plastic molds and plastic products, to provide customers with the best solutions. The main products are:

- Bellows joint series (straight insert joint, elbow, wave pipe joint, wave pipe waterproof elbow, bellows split bracket, connected bracket, bellows)
- Corrugated pipe series (PA nylon flame retardant, PA nylon, PP flame retardant, PE)
- Plastic buckle series (HP, SB, OSB)
- Plastic cable joint series (ordinary cable waterproof joint, high-end

environmental protection cable joint, anti-bending, MG cable joint)
Brass nickel-plated/stainless steel metal joint series (metal cable joint, plug, anti-bending)
Electromagnet series (round electromagnet, square electromagnet, degaussing point magnet push and pull electromagnet, ring electromagnet)
Waterproof connector series (M type, CN type, T type, Y type 2 core, 3 core 4 core, 5 core,)
Junction box series (2-pass, 3-pass, 4-pass, 5-pass, 6-pass)
The company's products are widely used in electronic home appliances, communications, electronic machinery, motor, automobile, medical, hardware lighting equipment fitness equipment and other industries through nearly ten years of efforts and development, product quality and service has been fully recognized by customers, and in the industry to achieve a high reputation and good brand effect. At present, the company provides professional supporting services for well-known enterprises!
Professional Kaka is always your most reliable supply partner!



WORKSHOP EQUIPMENT

车间设备

品质为本，诚信经营，科技与设备的精妙结合缔造了卡卡坚实的品志基础，为业内之隐形冠军企业。稳定的员工团队、精细的生产管理、规范的作业流程，实现了高效、稳定的生产。卡

卡公司制定了完善的品质管理流程，对各环节都进行严密监控，保证了产品质量的稳定可控。卡卡致力于打造电气行业一流水平的行业楷模。

Quality-oriented, integrity management, the exquisite combination of technology and equipment has created a solid foundation of Kaka's quality, and is the invisible champion enterprise in the industry. Stable staff team, fine production management, standardized operation process,

to achieve efficient and stable production. Kaka company has developed a perfect quality management process, and closely monitored all aspects to ensure the stability and control of product quality. Kaka is committed to building a first-class industry model in the electrical industry.

ENTERPRISE QUALIFICATION

企业资质

产品品质就是人的品质体现！每一个产品的诞生，无不闪耀着员工对技术的深刻理解和娴熟掌握，科技以人为本，产品以质为本，持之以恒地专注于工业电器以及技术的发展规律，使我们时刻站在行业的前沿！

为保证产品质量的稳定性和可靠性，我们坚持国际化体系运行，并对产品的生产过程进行严格的检测监控，我们的高标准是因为我们的品牌完美的追求，我们的诸多认证不仅仅是我们的荣誉，更是我们前进的动力！

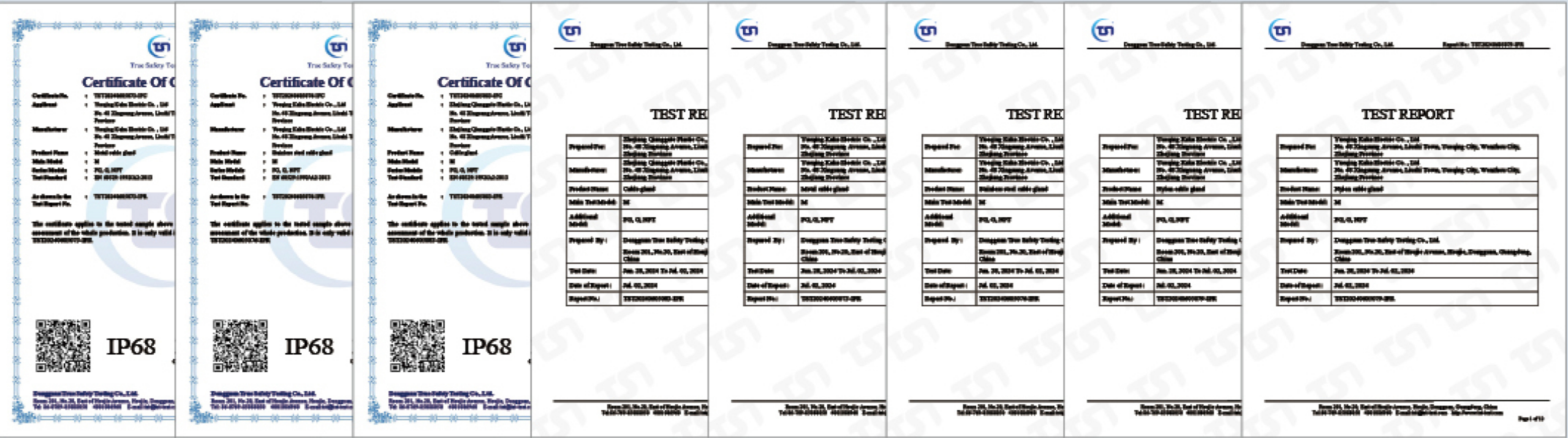
Product quality is the embodiment of people's quality! The birth of every product reflects the deep understanding and skillful mastery of technology by employees, people-oriented technology, quality-oriented products, and persistent focus on industrial electrical appliances and the development law of technology, so that we always stand at the forefront of the industry!

In order to ensure the stability and reliability of product quality, we adhere to the operation of the international system, and carry out strict inspection and monitoring of the production process of the products. Our high standards are due to the pursuit of perfection in our brand. Our many certifications are not only Our honor is our driving force!



不锈钢电缆接头 Stainless steel cable joint

电缆接头 Cable joint



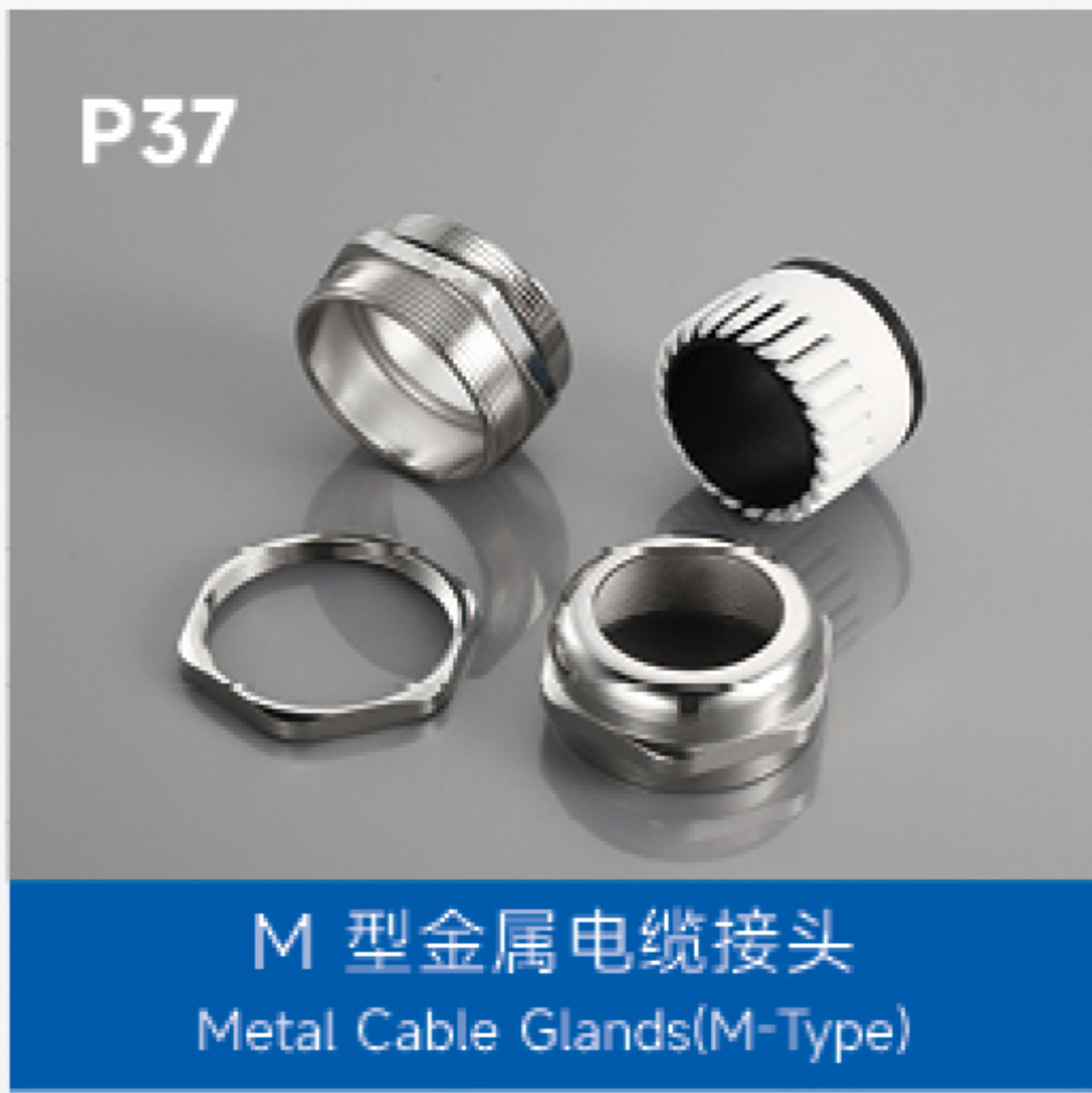
金属电缆接头 Cable joint of metal

尼龙电缆接头 Nylon cable joint

PRODUCT
CONTENTS

产品目录

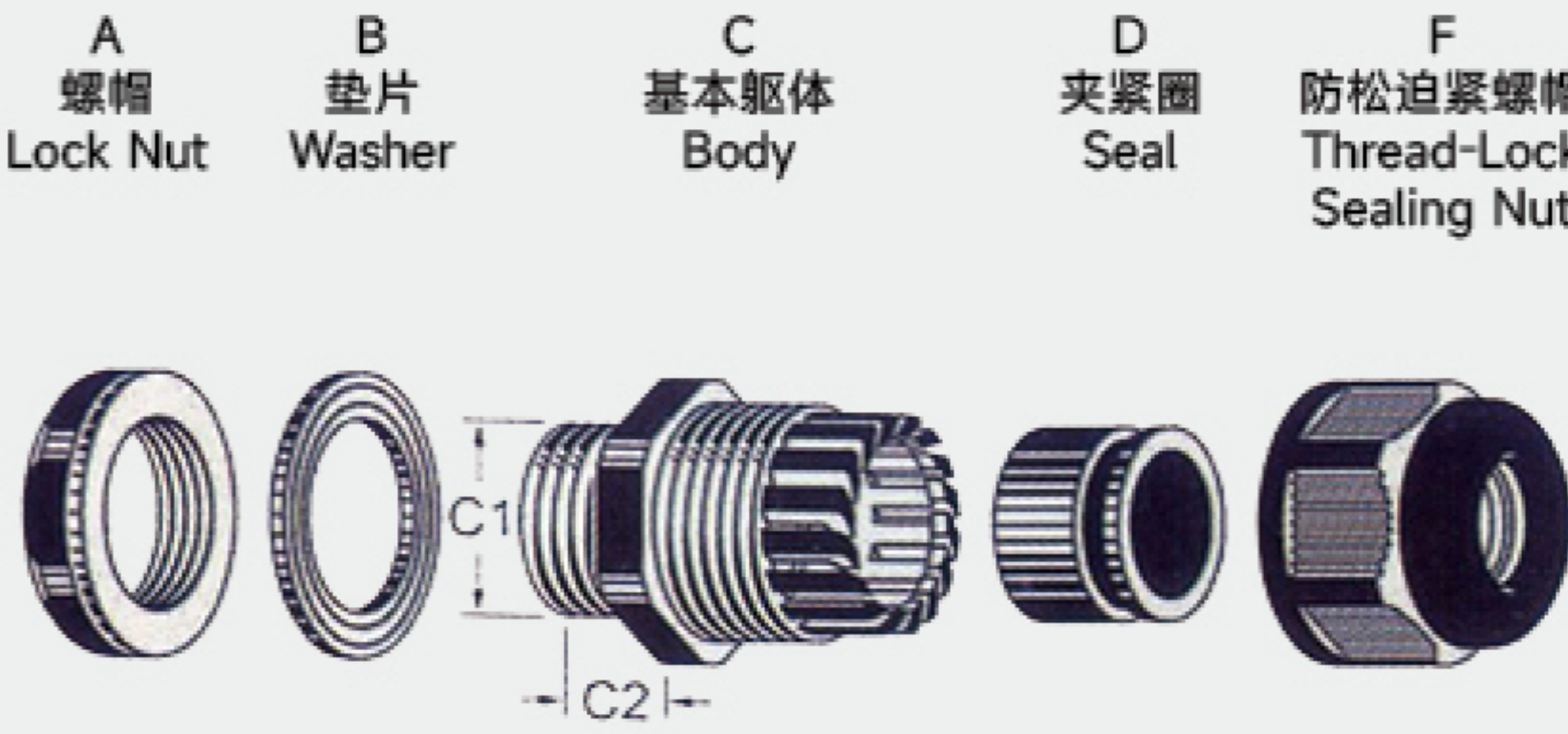
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尼龙电缆防水接头 (M 型)

Nylon Cable Glands (M-Type)



产品详情 / Product Description

- ◎ 螺纹规格：公制牙（ISO Metric / EN60423），符合欧盟规范。
短螺纹适合接合于薄型机板的出线孔或是对应于附有内（攻）牙出线孔的设备，长螺纹适合接合于厚型机板的出线孔。
- ◎ 产品材质：A.C.F 部份采用 UL 认可之非卤素（Halogen-Free）尼龙 PA66 制成（防火等级 UL 94V-2）。(UL 94V-0 材质可接受订制)
B 及 D 部份采用标准 EPDM 户外耐候橡胶，客户亦可指定选择 NBR 机械耐油橡胶。（其他用途橡胶可接受订制）
- ◎ 防水等级：IP68 -5 bar.
- ◎ 工作温度：-40℃至 105℃（-40 °F 至 221 °F）；短时间可达 160℃（320 °F）。
- ◎ 产品特性：精密美观的外型设计，以及特殊 B 型设计的夹紧圈与夹紧爪，配合能维持高扭力的防松迫紧螺帽机构，其电线固定抗拉力特强，气密性完美，并可持续性沉水 50 公尺。本产品全数通过抗 UV 耐候实验且防水与抗拉功能不变、并可耐弱酸强碱、耐化学物质与一般溶剂等抗腐蚀特性。全方位的产品尺寸能广泛地应用于机器、自动控制、电气、供电、网路、连接器、电信或通讯、LED 照明、监视器、太阳能配线、音响视听、数位显示、交通号志、侦测与测量仪器等各式设备的进出线或连接器的防护领域上，提供密封防水与固定抗拉的最佳技术与良器。

- ◎ Thread Type:Metric, according to EN 60423.
- ◎ Material Data:Halogen-free Nylon PA 66（Flammability UL 94V-2）for A.C.F parts.（Contact us for Flammability V0 material）
Weather-resistant EPDM rubbers for B.D parts.（NBR rubber is optional for oil-resistance applications）
- ◎ IP Protection :IP68 - 5 bar.
- ◎ Working Temp:- 40 °C to 105 °C（- 40 °F to 221 °F）. Short-Term to 160 °C（320 °F）.
- ◎ Application :The refined polyamide cable gland with special B-type clamping & sealing design has been proven its worth over the years providing strong strain relief & watertight performance over an entire cable range from their widest variety of body sizes & sealing inserts. Besides, UL-certified cable glands have outstanding weather resistance and durability in outdoor / indoor cable entry applications which are suitably used for electrical and electronics technologies, machines, wireless networking ODUs, solar PV modules and any kind of equipment.

技术参数 / Technical Parameter

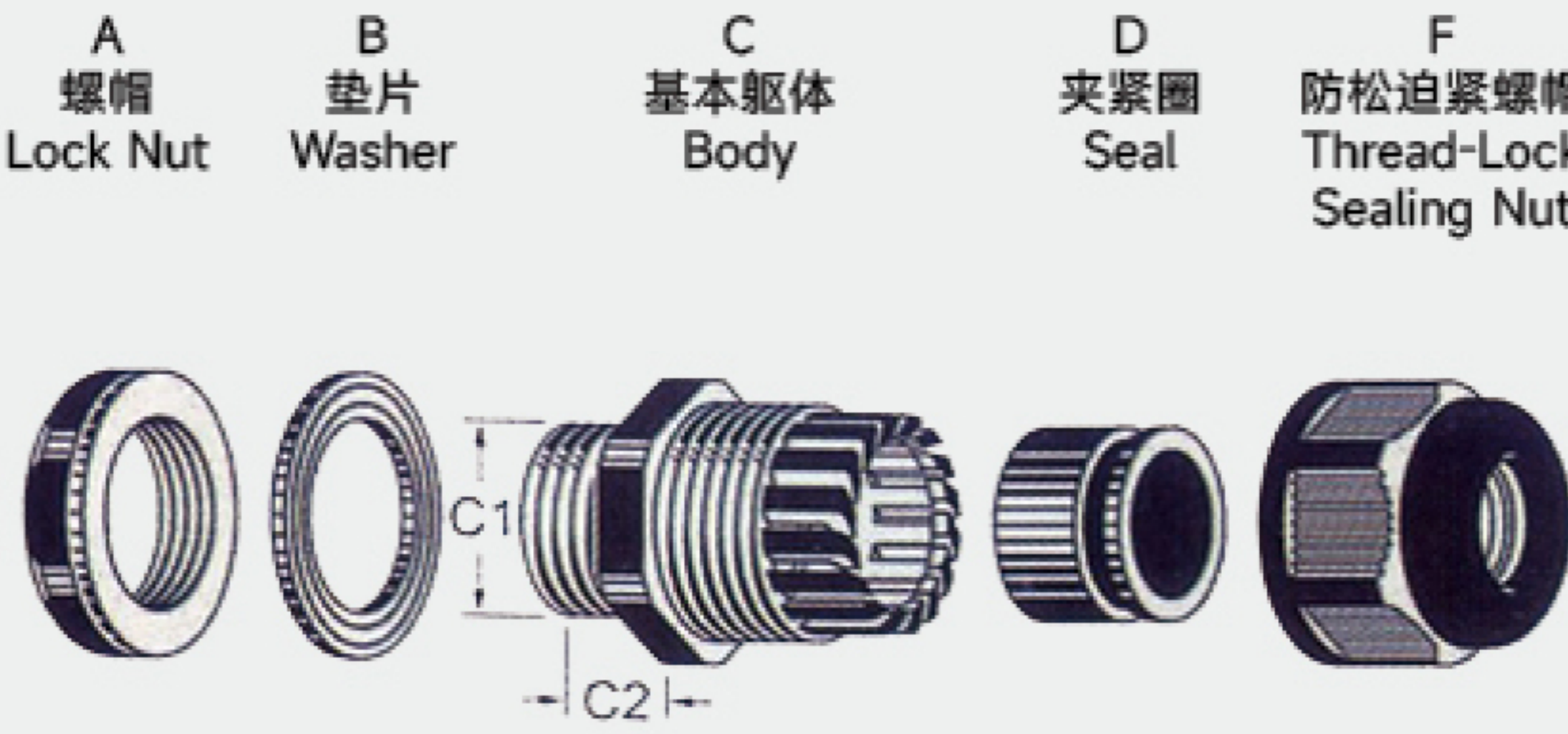
夹紧圈形状 Seal Holes	螺牙规格 Thread	规格 Size	适用电缆 Applicable cable		螺纹外径 Thread O.D.(mm)	螺纹长度 Thread length(mm)	扳手直径 Wrench size	开孔直径 Opening diameter
			最小 Min(mm)	最大 Max(mm)				
M 	M8X1.25	BN-M8-5	2	5	8	7.5	13/12	8~8.3
	M10X1.5	BN-M10-6	3	6	10	8	15/12	10~10.3
	M12X1.5	BN-M12-8	4	8	12	9	19/18	12~12.3
		BN-M12-6.5	3	6.5	12	8	18/16	12~12.3
	M16X1.5	BN-M12-5.5	3	5.5	12	9	19/18	12~12.3
		BN-M16-10	6	10	16	9	22/22	16~16.3
		BN-M16-8	4	8	16	9	22/19	16~16.3
		BN-M16-5.5	3	5.5	16	9	22/19	16~16.3
	M18X1.5	BN-M18-10	6	10	18	9	24/22	18~18.3
		BN-M18-8	4	8	18	9	24/22	18~18.3
	M20X1.5	BN-M20-14	8.5	14	20	10	27/27	20~20.3
		BN-M20-11	5	11	20	10	27/27	20~20.3
		BN-M20-12.5	7	12.5	20	9	27/24	20~20.3
	M25X1.5	BN-M25-18	12.5	18	25	10	33/33	25~25.4
		BN-M25-13	7	13	25	10	33/27	25~25.4
	M32X1.5	BN-M32-25	18	25	32	12	41/41	32~32.4
		BN-M32-22	14	22	32	12	41/41	32~32.4
	M40X1.5	BN-M40-32	24	32	40	15	50/50	40~40.4
		BN-M40-25	18	25	40	15	50/50	40~40.4
	M50X1.5	BN-M50-41	31	41	50	20	62/62	50~50.4
		BN-M50-32	25	32	50	20	62/62	50~50.4
	M63X1.5	BN-M63-45	35	45	63	20	75/65	63~63.4
		BN-M63-38	29	38	63	20	75/65	63~63.4

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尼龙电缆防水接头 (PGL 型)

Nylon Cable Glands (PGL-Type)



产品详情 / Product Description

- ◎ 螺纹规格：PG 牙（DIN 40430）。
- ◎ 产品材质：A.C.F 部份采用 UL 认可之非卤素（Halogen-Free）尼龙 PA66 制成（防火等级 UL 94V-2）。(UL 94V-0 材质可接受订制)
B 及 D 部份采用标准 EPDM 户外耐候橡胶，客户亦可指定选择 NBR 机械耐油橡胶。（其他用途橡胶可接受订制）
- ◎ 防水等级：IP68 -5 bar.
- ◎ 工作温度：-40℃至 105℃（-40 °F 至 221 °F）；短时间可达 160℃（320 °F）。
- ◎ 产品特性：精密美观的外型设计，以及特殊 B 型设计的夹紧圈与夹紧爪，配合能维持高扭力的防松迫紧螺帽机构，其电线固定抗拉力特强，气密性完美，并可持续性沉水 50 公尺。本产品全数通过抗 UV 耐候实验且防水与抗拉功能不变、并可耐弱酸强碱、耐化学物质与一般溶剂等抗腐蚀特性。全方位的产品尺寸能广泛地应用于机器、自动控制、电气、供电、网路、连接器、电信或通讯、LED 照明、监视器、太阳能配线、音响视听、数位显示、交通号志、侦测与测量仪器等各式设备的进出线或连接器的防护领域上，提供密封防水与固定抗拉的最佳技术与良器。

- ◎ Thread Type:PG, according to DIN 40430.
- ◎ Material Data:Halogen-free Nylon PA 66（Flammability UL 94V-2）for A.C.F parts.（Contact us for Flammability V0 material）
Weather-resistant EPDM rubbers for B.D parts.（NBR rubber is optional for oil-resistance applications）
- ◎ IP Protection :IP68 - 5 bar.
- ◎ Working Temp:- 40 °C to 105 °C（- 40 °F to 221 °F）. Short-Term to 160 °C（320 °F）.
- ◎ Application :The refined polyamide cable gland with special B-type clamping & sealing design has been proven its worth over the years providing strong strain relief & watertight performance over an entire cable range from their widest variety of body sizes & sealing inserts. Besides, UL-certified cable glands have outstanding weather resistance and durability in outdoor / indoor cable entry applications which are suitably used for electrical and electronics technologies, machines, wireless networking ODUs, solar PV modules and any kind of equipment.

技术参数 / Technical Parameter

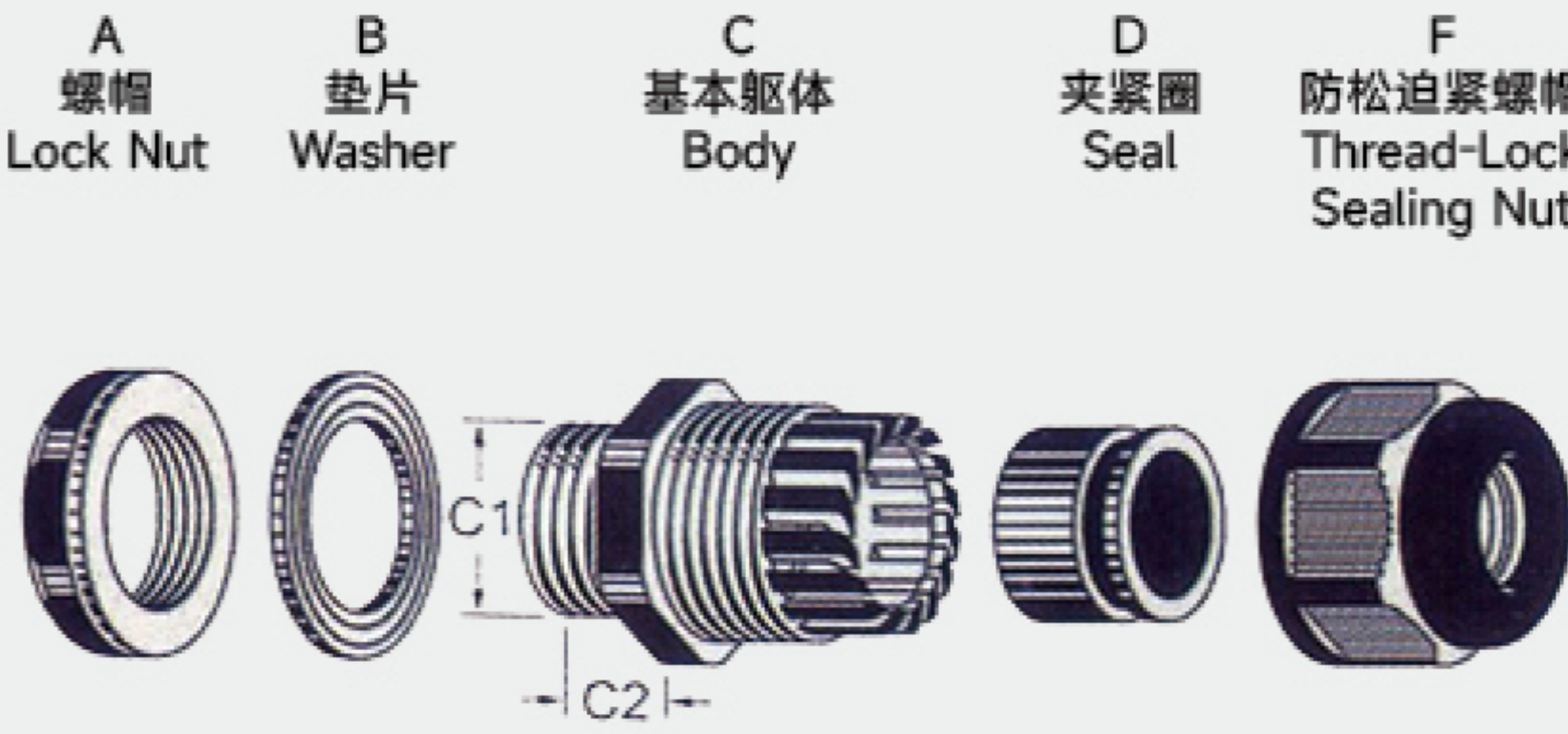
夹紧圈形状 Seal Holes	螺牙规格 Thread	规格 Size	适用电缆 Applicable cable		螺纹外径 Thread O.D.(mm)	螺纹长度 Thread length(mm)	扳手直径 Wrench size	开孔直径 Opening diameter
			最小 Min(mm)	最大 Max(mm)				
PGL 	PG7	BN-PG7L-6.5	3	6.5	12.5	15	19/15	12.5~12.8
		BN-PG7L-5.5	3	5.5	12.5	15	19/19	12.5~12.8
		BN-PG7L-8	4	8	12.5	15	19/15	12.5~12.8
	PG9	BN-PG9L-8	4	8	15.2	15	22/19	15.2~15.5
		BN-PG9L-5.5	3	5.5	15.2	15	22/19	15.2~15.5
	PG11	BN-PG11L-10	6	10	18.6	15	24/22	18.6~18.9
		BN-PG11L-7	4	7	18.6	15	24/22	18.6~18.9
	PG13.5	BN-PG13.5L-12	7	12	20.4	15	27/24	20.4~20.7
		BN-PG13.5L-9	5	9	20.4	15	27/24	20.4~20.7
	PG16	BN-PG16L-14	8.5	14	22.5	15	30/27	22.5~22.8
		BN-PG16L-11	7	11	22.5	15	30/27	22.5~22.8
	PG21	BN-PG21L-18	12	18	28.3	15	35/33	28.3~28.7
		BN-PG21L-16	11	16	28.3	15	35/33	28.3~28.7
	PG29	BN-PG29L-25	18	25	37	15	46/42	37~37.4
		BN-PG29L-22	16	22	37	15	46/42	37~37.4
	PG36	BN-PG36L-31	24	31	47	18	56/52	47~47.4
		BN-PG36L-26	21	26	47	18	56/52	47~47.4
	PG42	BN-PG42L-40	31	40	54	20	65/62	54~54.4
		BN-PG42L-32	26	32	54	20	65/62	54~54.4
	PG48	BN-PG48L-44	32	44	59.3	20	69/65	59.3~59.7
		BN-PG48L-38	30	38	59.3	20	69/65	59.3~59.7

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尼龙电缆防水接头 (G 型)

Nylon Cable Glands (G-Type)



产品详情 / Product Description

- ◎ 螺纹规格: G(PF) 牙 (Parallel Threads for Pipes-ISO 228-1 & JIS B 0202)。如需其它牙规尺寸可接受订制。
- 产品材质: A.C.F 部份采用 UL 认可之非卤素 (Halogen-Free) 尼龙 PA66 制成 (防火等级 UL 94V-2)。(UL 94V-0 材质可接受订制)
- B 及 D 部份采用标准 EPDM 户外耐候橡胶, 客户亦可指定选择 NBR 机械耐油橡胶。(其他用途橡胶可接受订制)
- ◎ 防水等级: IP68 -5 bar.
- ◎ 工作温度: -40℃至 105℃ (-40 ° F 至 221 ° F); 短时间可达 160℃ (320 ° F)。
- ◎ 产品特性: 精密美观的外型设计, 以及特殊 B 型设计的夹紧圈与夹紧爪, 配合能维持高扭力的防松迫紧螺帽机构, 其电线固定抗拉力特强, 气密性完美, 并可持续性沉水 50 公尺。本产品全数通过抗 UV 耐候实验且防水与抗拉功能不变、并可耐弱酸强碱、耐化学物质与一般溶剂等耐腐蚀特性。全方位的产品尺寸能广泛地应用于机器、自动控制、电气、供电、网路、连接器、电信或通讯、LED 照明、监视器、太阳能配线、音响视听、数位显示、交通号志、侦测与测量仪器等各式设备的进出线或连接器的防护领域上, 提供密封防水与固定抗拉的最佳技术与良器。

- ◎ Thread Type:G (PF), according to JIS B 0202.
- ◎ Material Data:Halogen-free Nylon PA 66 (Flammability UL 94V-2) for A.C.F parts. (Contact us for Flammability V0 material)
- Weather-resistant EPDM rubbers for B.D parts. (NBR rubber is optional for oil-resistance applications)
- ◎ IP Protection :IP68 - 5 bar.
- ◎ Working Temp:- 40 °C to 105 °C (- 40 ° F to 221 ° F). Short-Term to 160 °C (320 ° F).
- ◎ Application:The refined polyamide cable gland with special B-type clamping & sealing design has been proven its worth over the years providing strong strain relief & watertight performance over an entire cable range from their widest variety of body sizes & sealing inserts. Besides, UL-certified cable glands have outstanding weather resistance and durability in outdoor / indoor cable entry applications which are suitably used for electrical and electronics technologies, machines, wireless networking ODUs, solar PV modules and any kind of equipment.

技术参数 / Technical Parameter

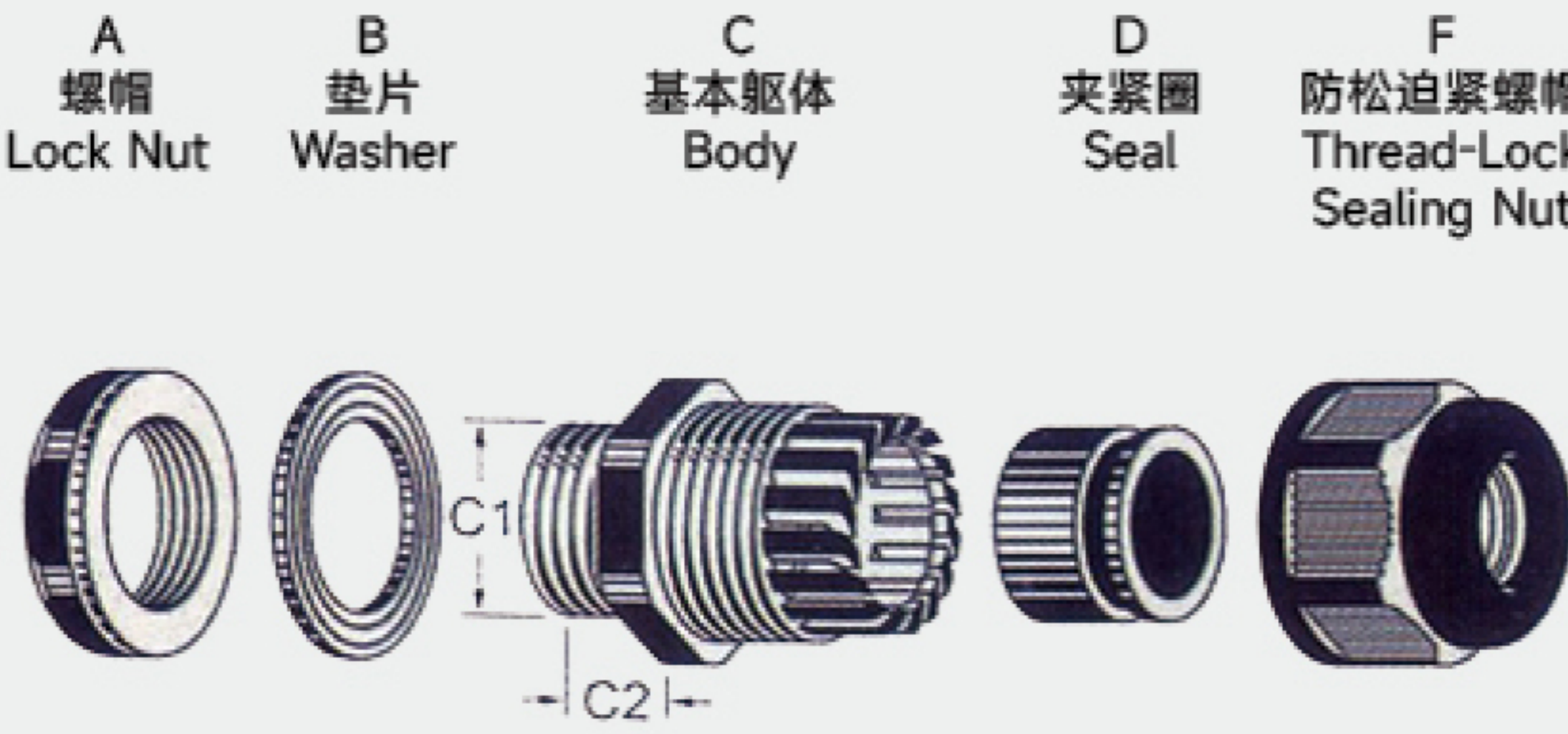
夹紧圈形状 Seal Holes	螺牙规格 Thread	规格 Size	适用电缆 Applicable cable		螺纹外径 Thread O.D.(mm)	螺纹长度 Thread length(mm)	扳手直径 Wrench size	开孔直径 Opening diameter
			最小 Min(mm)	最大 Max(mm)				
G	G1/4	BN-G1/4-8	4	8	13.157	9	19	13.2-13.4
		BN-G1/4-5.5	3	5.5	13.157	9	19	13.2-13.4
	G3/8	BN-G3/8-10	6	10	16.662	10	22/22	16.7~16.9
		BN-G3/8-7	4	7	16.662	10	22/22	16.7~16.9
	G1/2	BN-G1/2-12	6	12	20.955	10	27/24	21~21.2
		BN-G1/2-9	5	9	20.955	10	27/24	21~21.2
	G3/4	BN-G3/4-18	12.5	18	26.441	12	33/33	26.5~26.8
		BN-G3/4-13	7	13	26.441	12	33/33	26.5~26.8
	G1	BN-G1-25	18	25	33.2	13.5	42/41	33.3~33.6
		BN-G1-12	8	12	33.2	13.5	42/41	33.3~33.6
	G1-1/4	BN-G1-1/4-32	24	32	41.9	15	51/50	42~42.3
		BN-G1-1/4-25	18	25	41.9	16	51/50	42~42.3

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尼龙电缆防水接头 (ML 型)

Nylon Cable Glands (ML-Type)



产品详情 / Product Description

- ◎ 螺纹规格: 公制牙 (ISO Metric / EN60423), 符合欧盟规范。
- 短螺纹适合接合于薄型机板的出线孔或是对应于附有内 (攻) 牙出线孔的设备, 长螺纹适合接合于厚型机板的出线孔。
- ◎ 产品材质: A.C.F 部份采用 UL 认可之非卤素 (Halogen-Free) 尼龙 PA66 制成 (防火等级 UL 94V-2)。(UL 94V-0 材质可接受订制)
- B 及 D 部份采用标准 EPDM 户外耐候橡胶, 客户亦可指定选择 NBR 机械耐油橡胶。(其他用途橡胶可接受订制)
- ◎ 防水等级: IP68 -5 bar.
- ◎ 工作温度: -40℃至 105℃ (-40 ° F 至 221 ° F); 短时间可达 160℃ (320 ° F)。
- ◎ 产品特性: 精密美观的外型设计, 以及特殊 B 型设计的夹紧圈与夹紧爪, 配合能维持高扭力的防松迫紧螺帽机构, 其电线固定抗拉力特强, 气密性完美, 并可持续性沉水 50 公尺。本产品全数通过抗 UV 耐候实验且防水与抗拉功能不变、并可耐弱酸强碱、耐化学物质与一般溶剂等耐腐蚀特性。全方位的产品尺寸能广泛地应用于机器、自动控制、电气、供电、网路、连接器、电信或通讯、LED 照明、监视器、太阳能配线、音响视听、数位显示、交通号志、侦测与测量仪器等各式设备的进出线或连接器的防护领域上, 提供密封防水与固定抗拉的最佳技术与良器。

- ◎ Thread Type:Metric, according to EN 60423.
- ◎ Material Data:Halogen-free Nylon PA 66 (Flammability UL 94V-2) for A.C.F parts. (Contact us for Flammability V0 material)
- Weather-resistant EPDM rubbers for B.D parts. (NBR rubber is optional for oil-resistance applications)
- ◎ IP Protection :IP68 - 5 bar.
- ◎ Working Temp:- 40 °C to 105 °C (- 40 ° F to 221 ° F). Short-Term to 160 °C (320 ° F).
- ◎ Application:The refined polyamide cable gland with special B-type clamping & sealing design has been proven its worth over the years providing strong strain relief & watertight performance over an entire cable range from their widest variety of body sizes & sealing inserts. Besides, UL-certified cable glands have outstanding weather resistance and durability in outdoor / indoor cable entry applications which are suitably used for electrical and electronics technologies, machines, wireless networking ODUs, solar PV modules and any kind of equipment.

技术参数 / Technical Parameter

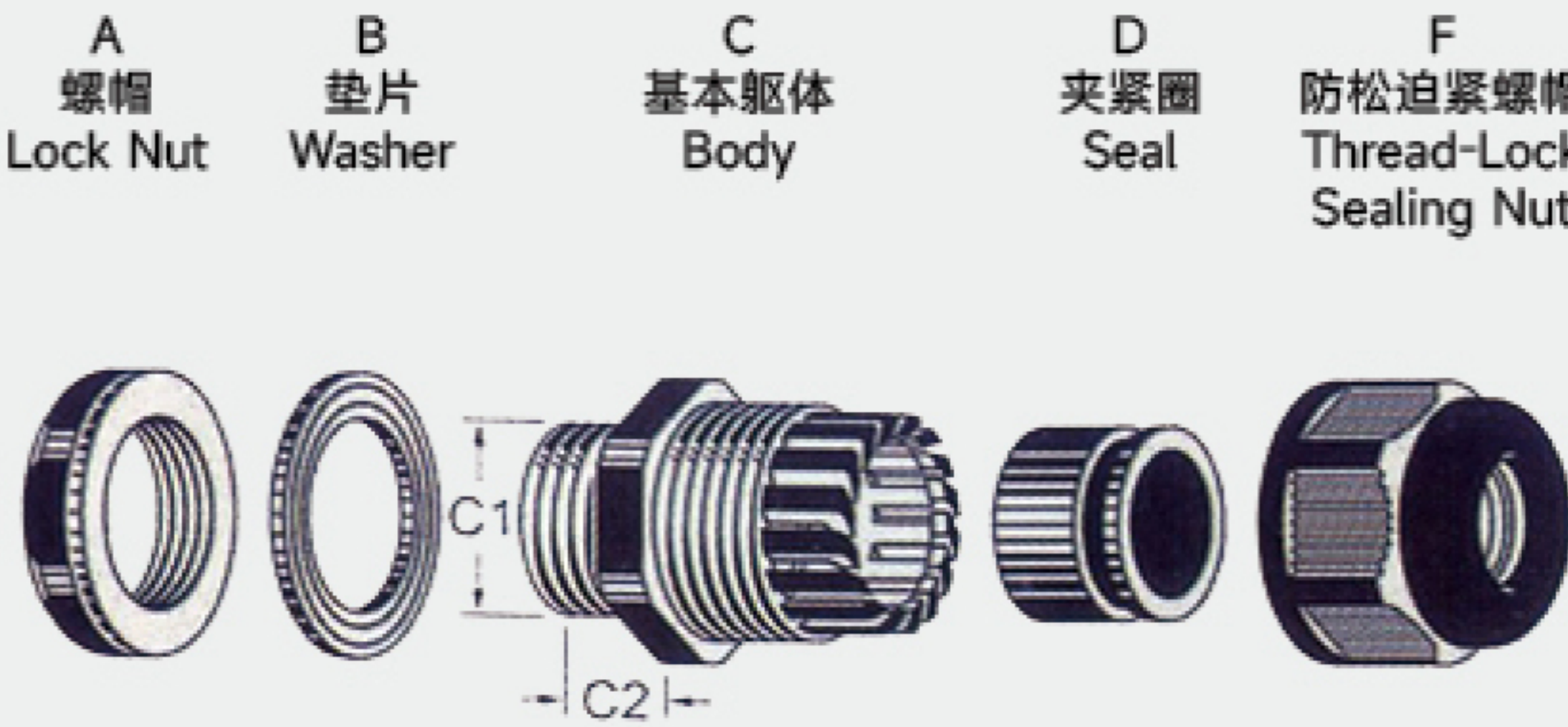
夹紧圈形状 Seal Holes	螺牙规格 Thread	规格 Size	适用电缆 Applicable cable		螺纹外径 Thread O.D.(mm)	螺纹长度 Thread length(mm)	扳手直径 Wrench size	开孔直径 Opening diameter
			最小 Min(mm)	最大 Max(mm)				
ML	M12X1.5	BN-M12L-6.5	3	6.5	12	15	18/16	12~12.3
		BN-M12L-5.5	3	5.5	12	15	19/18	12~12.3
	M16X1.5	BN-M16L-8	4	8	16	15	22/19	16~16.3
		BN-M16L-10	6	10	16	15	22/22	16~16.3
	M18X1.5	BN-M16L-5.5	3	5.5	16	15	22/19	16~16.3
		BN-M18L-10	6	10	18	15	24/22	18~18.3
	M20X1.5	BN-M18L-7	3	7	18	15	24/19	18~18.3
		BN-M20L-14	8.5	14	20	15	27/27	20~20.3
	M25X1.5	BN-M20L-12.5	7	12.5	20	15	27/24	20~20.3
		BN-M20L-10	5	10	20	15	27/24	20~20.3
	M32X1.5	BN-M25L-18	12.5	18	25	15	33/33	25~25.4
		BN-M25L-16	9	16	25	15	33/33	25~25.4
	M40X1.5	BN-M32L-25	18	25	32	15	41/41	32~32.4
		BN-M32L-22	14	22	32	15	41/41	32~32.4
	M50X1.5	BN-M40L-32	24	32	40	18	50/50	40~40.4
		BN-M40L-25	18	25	40	18	50/50	40~40.4
	M63X1.5	BN-M50L-41	31	41	50	20	62/62	50~50.4
		BN-M50L-28	22	28	50	20	62/62	50~50.4
		BN-M63L-45	35	45	63	20	75/65	63~63.4
		BN-M63L-38	29	38	63	20	75/65	63~63.4

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尼龙电缆防水接头 (NPT 型)

Nylon Cable Glands (NPT-Type)



产品详情 / Product Description

- ◎ 螺纹规格: NPT 牙 (不附螺帽 A 部), 符合美国标准锥形螺纹管牙规范。(National Pipe Thread Taper-ANSI B2.1)
- ◎ 产品材质: A.C.F 部份采用 UL 认可之非卤素 (Halogen-Free) 尼龙 PA66 制成 (防火等级 UL 94V-2)。(UL 94V-0 材质可接受订制)
- ◎ B 及 D 部份采用标准 EPDM 户外耐候橡胶, 客户亦可指定选择 NBR 机械耐油橡胶。(其他用途橡胶可接受订制)
- ◎ 防水等级: IP68 -5 bar.
- ◎ 工作温度: -40℃至 105℃ (-40 ° F 至 221 ° F); 短时间可达 160℃ (320 ° F)。
- ◎ 产品特性: 精密美观的外型设计, 以及特殊 B 型设计的夹紧圈与夹紧爪, 配合能维持高扭力的防松迫紧螺帽机构, 其电线固定抗拉力特强, 气密性完美, 并可持续性沉水 50 公尺。本产品全数通过抗 UV 耐候实验且防水与抗拉功能不变、并可耐弱酸碱、耐化学物质与一般溶剂等抗腐蚀特性。全方位的产品尺寸能广泛地应用于机器、自动控制、电气、供电、网路、连接器、电信或通讯、LED 照明、监视器、太阳能配线、音响视听、数位显示、交通号志、侦测与测量仪器等各式设备的进出线或连接器的防护领域上, 提供密封防水与固定抗拉的最佳技术与良器。

- ◎ Thread Type:NPT, according to DIN 40430.
- ◎ Material Data:Halogen-free Nylon PA 66 (Flammability UL 94V-2) for A.C.F parts. (Contact us for Flammability V0 material)
- ◎ Weather-resistant EPDM rubbers for B.D parts. (NBR rubber is optional for oil-resistance applications)
- ◎ IP Protection :IP68 - 5 bar.
- ◎ Working Temp:- 40 °C to 105 °C (- 40 ° F to 221 ° F). Short-Term to 160 °C (320 ° F).
- ◎ Application :The refined polyamide cable gland with special B-type clamping & sealing design has been proven its worth over the years providing strong strain relief & watertight performance over an entire cable range from their widest variety of body sizes & sealing inserts. Besides, UL-certified cable glands have outstanding weather resistance and durability in outdoor / indoor cable entry applications which are suitably used for electrical and electronics technologies, machines, wireless networking ODU's, solar PV modules and any kind of equipment.

技术参数 / Technical Parameter

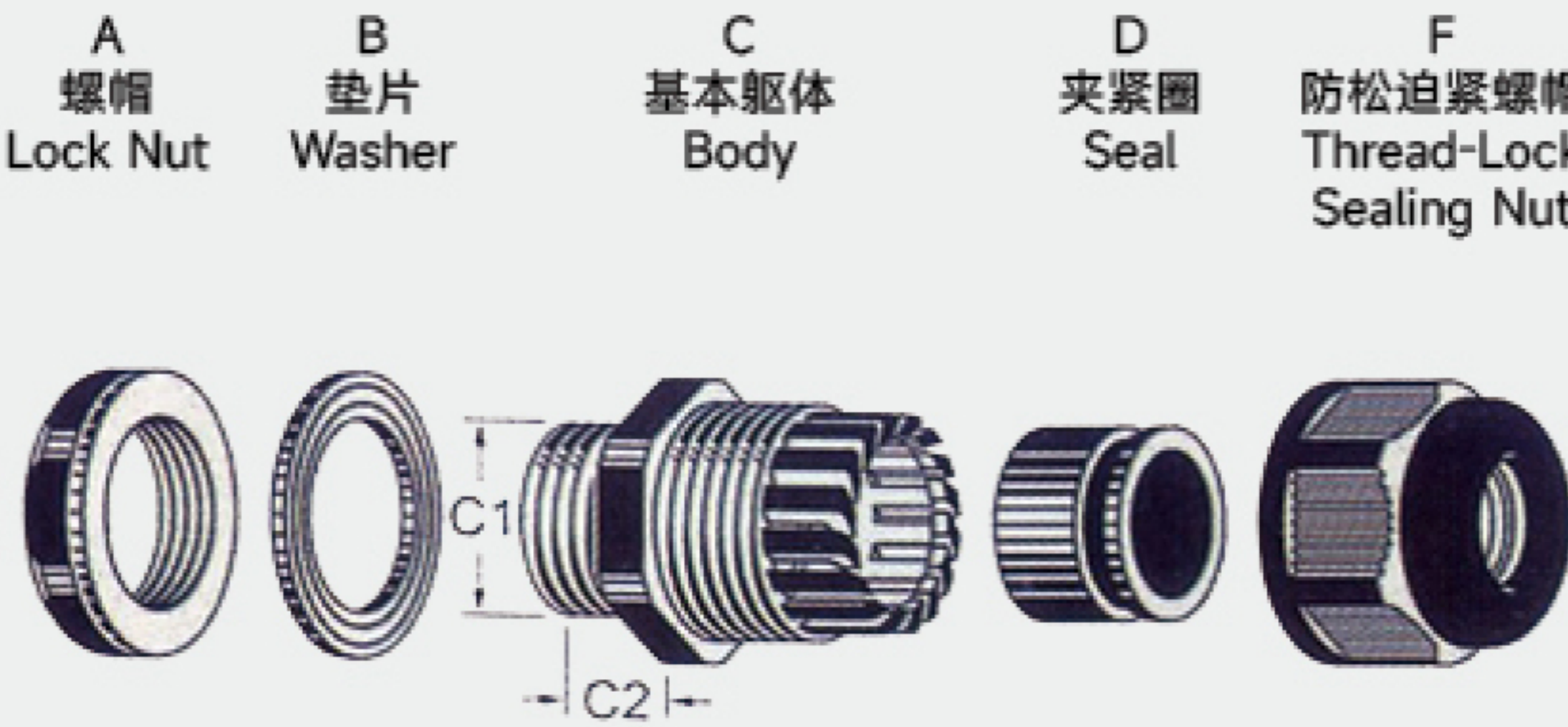
夹紧圈形状 Seal Holes	螺牙规格 Thread	规格 Size	适用电缆 Applicable cable		螺纹外径 Thread O.D.(mm)	螺纹长度 Thread length(mm)	扳手直径 Wrench size	开孔直径 Opening diameter
			最小 Min(mm)	最大 Max(mm)				
	NPT1/4	BN-NPT1/4-8	4	8	13.157	9	19	-
		BN-NPT1/4-5.5	3	5.5	13.157	9	19	-
	NPT3/8	BN-NPT3/8-10	6	10	16.662	10	22	-
		BN-NPT3/8-7	4	7	16.662	10	22	-
	NPT1/2	BN-NPT1/2-12	6	12	20.955	10	27	-
		BN-NPT1/2-9	5	9	20.955	10	27	-
	NPT3/4	BN-NPT3/4-18	12.5	18	26.441	15	33	-
		BN-NPT3/4-13	7	13	26.441	15	33	-
	NPT1	BN-NPT1-25	18	25	33.5	17	41	-
		BN-NPT1-12	8	12	33.5	17	41	-
	NPT1-1/4	BN-NPT1-1/4-32	24	32	42	17	50	-
		BN-NPT1-1/4-25	18	25	42	17	50	-

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多孔及扁孔型尼龙电缆接头

Multi-hole & Flat-hole Cable Glands



产品详情 / Product Description

- ◎ 螺纹规格: 公制牙 (ISO Metric / EN60423), 符合欧盟规范。
- ◎ 短螺纹适合接合于薄型机板的出线孔或是对应于附有内 (攻) 牙出线孔的设备, 长螺纹适合接合于厚型机板的出线孔。
- ◎ 产品材质: A.C.F 部份采用 UL 认可之非卤素 (Halogen-Free) 尼龙 PA66 制成 (防火等级 UL 94V-2)。(UL 94V-0 材质可接受订制)
- ◎ B 及 D 部份采用标准 EPDM 户外耐候橡胶, 客户亦可指定选择 NBR 机械耐油橡胶。(其他用途橡胶可接受订制)
- ◎ 防水等级: IP68 -5 bar.
- ◎ 工作温度: -40℃至 105℃ (-40 ° F 至 221 ° F); 短时间可达 160℃ (320 ° F)。
- ◎ 产品特性: 精密美观的外型设计, 以及特殊 B 型设计的夹紧圈与夹紧爪, 配合能维持高扭力的防松迫紧螺帽机构, 其电线固定抗拉力特强, 气密性完美, 并可持续性沉水 50 公尺。本产品全数通过抗 UV 耐候实验且防水与抗拉功能不变、并可耐弱酸碱、耐化学物质与一般溶剂等抗腐蚀特性。全方位的产品尺寸能广泛地应用于机器、自动控制、电气、供电、网路、连接器、电信或通讯、LED 照明、监视器、太阳能配线、音响视听、数位显示、交通号志、侦测与测量仪器等各式设备的进出线或连接器的防护领域上, 提供密封防水与固定抗拉的最佳技术与良器。

- ◎ Thread Type:Metric, according to EN 60423.
- ◎ Material Data:Halogen-free Nylon PA 66 (Flammability UL 94V-2) for A.C.F parts. (Contact us for Flammability V0 material)
- ◎ Weather-resistant EPDM rubbers for B.D parts. (NBR rubber is optional for oil-resistance applications)
- ◎ IP Protection :IP68 - 5 bar.
- ◎ Working Temp:- 40 °C to 105 °C (- 40 ° F to 221 ° F). Short-Term to 160 °C (320 ° F).
- ◎ Application :The refined polyamide cable gland with special B-type clamping & sealing design has been proven its worth over the years providing strong strain relief & watertight performance over an entire cable range from their widest variety of body sizes & sealing inserts. Besides, UL-certified cable glands have outstanding weather resistance and durability in outdoor / indoor cable entry applications which are suitably used for electrical and electronics technologies, machines, wireless networking ODU's, solar PV modules and any kind of equipment.

技术参数 / Technical Parameter

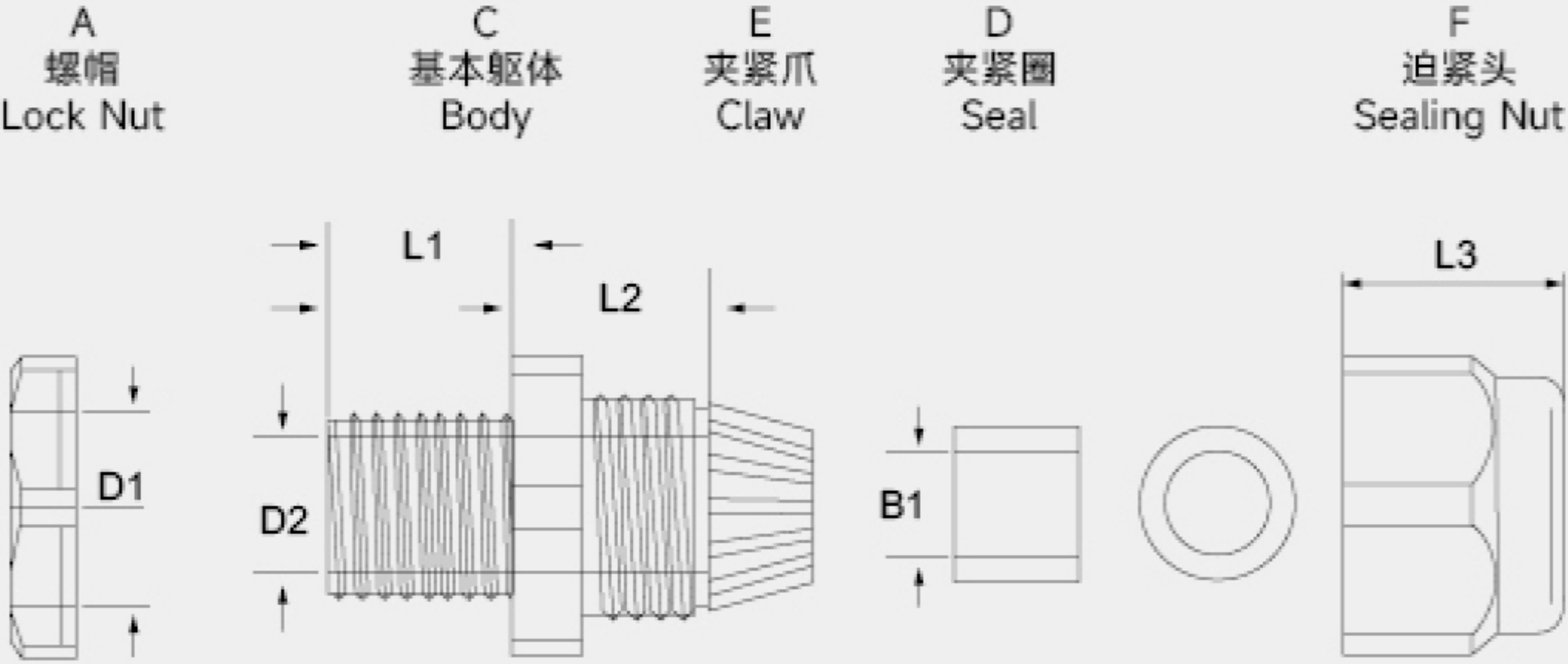
夹紧圈形状 Seal Holes	螺牙规格 Thread	规格 Size	适用电缆 Applicable cable		螺纹外径 Thread O.D.(mm)	螺纹长度 Thread length(mm)	扳手直径 Wrench size	开孔直径 Opening diameter
			最小 Min(mm)	最大 Max(mm)				
	M12x1.5	BN-M12A-H2-03	3-1.2	12	9	19/18	12-12.3	-
	M16x1.5	BN-M16A-H2-04	4-1.6	16	15	22/22	16-16.3	-
	M20x1.5	BN-M20A-H2-03	3.5-2	20	15	27/27	20-20.3	-
	M20x1.5	BN-M20A-H2-06	6-2.5	20	15	27/27	20-20.3	-
	M25x1.5	BN-M25A-H2-05	5-2	25	15	33/33	25-25.4	-
	M32x1.5	BN-M32A-H2-10	10-5	32	15	41/41	32-32.4	-
	M12x1.5	BN-M12A-H3-02	2.6-1.2	12	9	19/18	12-12.3	-
	M16x1.5	BN-M16A-H3-04	4-1.6	16	15	22/22	16-16.3	-
	M20x1.5	BN-M20A-H3-03	3.5-1.5	20	15	27/27	20-20.3	-
	M20x1.5	BN-M20A-H3-05	5-2	20	15	27/27	20-20.3	-
	M25x1.5	BN-M25A-H3-05	5-2	25	15	33/33	25-25.4	-
	M25x1.5	BN-M05A-H3-08	8-4	25	15	33/33	25-25.4	-
	M32x1.5	BN-M32A-H3-10	10-5	32	15	41/41	32-32.4	-
	M32x1.5	BN-M32A-H3-10	10-5	32	15	41/41	32-32.4	-

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尼龙电缆固定头

Nylon Cable Glands



产品详情 / Product Description

- ◎ 产品材质 :A.C.E.F 部位采用尼龙制成，D 部位采用丁腈橡胶制成。
- ◎ 螺纹规格 : 公制、德制、英制。
- ◎ 工作温度 : 静态 : -40℃到 +100℃，短时可达 +120℃，动态 : -20℃到 +80℃，短时可达 +100℃，
- ◎ 颜色 : 黑色，灰色 (特殊颜色可定做)。
- ◎ 防护等级 : 在规定的卡口范围内，并使用 O 形密封圈旋紧迫紧头，达到 IP65
- ◎ 产品特性 : 夹紧爪与密封件的特殊之设计，配合迫紧头装配省时便利，夹紧电缆范围大，抗拉力特强，可防水，防尘，防酸，防盐，耐酸碱，酒精，油，脂及一般溶剂。
- ◎ 使用方法 : 塑料电缆防水接头是电缆的配套产品，接头可将电缆锁紧，另一端可接入设备箱体上，也可以根据选用螺纹接入进出口为内螺纹的电动设备上。

- ◎ Product material: Location A.C.E and F made Of PA;Location D made Of chemigum
- ◎ Specification of th read: MetriC PG and G
- ◎ Working temperature: Static:-409c~+100%c,instantaneously can be+120℃ :Dynamic: -20℃ ~+80℃ instantaneOusly can be+100℃ ;
- ◎ Color: Black and g ray(special colors customizable)
- ◎ Protection classification: Within the specified clamp range,use 0-shaped sealing ring and screwtightthe pressing fastener,reaching IP65.
- ◎ Property: the special designs for clamping jaw and sealants fitted with the pressing fastener can save both time and energy,promising a wide scope for cable clamping and extremely great stretching resistance.It is water resistant.dust resistant and inactive with salts,acids,alkalis,oils and greases as well as general dissolvent
- ◎ How to use: waterp roof nylon cable glands are the fittings for cables The ioints can lock the cables tight The other end of the joint can be either connected with the housing of equipments or connected with electric equi-pment with inner threaded access hole as per the thread selected

技术参数 / Technical Parameter

德制螺纹 PG Thread

型号 Item No.	德制螺纹 PG	电缆范围 Cable ranae (mm)	D1	D2	L1	L2	L3	B1	包装数 (只) Number of packages (only)
PG-07	PG7	3.5-6.5	12.5	8.1	10.4	14.5	10.5	6.4	100
PG-09	PG9	4-8	15.2	12.2	9.9	15.8	17.2	8.6	100
PG-11	PG11	5-10	18.2	14.6	10.6	15.5	17.5	10.7	100
PG-13.5	PG13.5	6-12	20.2	16.2	10.3	17.8	17.9	13.3	100
PG-16	PG16	10-14	22.2	18.3	11.2	18.5	20.5	14.3	100
PG-19	PG19	12-15	24.7	20.5	11.4	18.6	21.8	15.5	100
PG-21	PG21	13-18	28.5	21.8	11.6	18.7	23.1	16.7	50
PG-24	PG24	15-22	29.8	25.0	12.1	19.3	24.1	19.2	50
PG-25	PG25	17-23	29.8	25.0	12.1	19.3	24.1	19.2	50
PG-29	PG29	18-25	37	29.8	12.4	22.6	24.8	24.8	50
PG-36	PG36	22-32	47	37.1	12.6	25.1	26.1	30.7	20
PG-42	PG42	30-38	54	43.3	17.3	25.9	30.5	35.6	20
PG-48	PG48	34-44	59.3	48.2	20.9	28.1	31.5	41.4	20
PG-63	PG63	42-54	71.0	63.5	27.5	31.5	43.5	55.0	10

公制螺纹 Metric Thread

型号 Item No.	德制螺纹 PG	电缆范围 Cable ranae (mm)	D1	D2	L1	L2	L3	B1	包装数 (只) Number of packages (only)
M8x1.25	M8x1.5	2-4	7	4.6	12	7.5	11	4	100
M12x1.5 大头	M12x1.5	4-8	11.8	8.2	9	9	14.5	9	100
M14x1.5	M14x1.5	4-8	14	7.8	9	8.5	14.2	8.8	100
M16x1.5 大头	M16x1.5	5-10	15.6	11.7	9	9.5	15.7	10	100
M20x1.5 大头	M20x1.5	10-14	19.6	16.2	9	9.5	17.6	13.7	100
M25x1.5	M25x1.5	12-16	24.5	19.2	10.8	20	20	15.8	100
M10	M10x1.5	2-5.5	9.53	6.1	8.64	8.0	7.6	5	100
M12	M12x1.5	3.5-6	11.8	9	10.4	14.5	14	6.4	100
M16	M16x1.5	4-8	15.6	12.2	9.9	13	16	8.6	100
M18	M18x1.5	5-10	17.8	14.6	10.6	15.5	17.5	10.7	100
M20	M20x1.5	6-12	19.6	16.2	10.3	17.8	17.9	13.3	100
M22	M22x1.5	10-14	21.8	18.3	11.2	18.5	20.5	14.3	100
M24	M24x1.5	12-15	24.7	20.5	11.4	18.6	21.8	15.5	100
M25	M25x1.5	13-18	24.5	21.8	11.6	18.7	23.1	16.7	50
M30	M30x1.5	15-22	30.0	25.0	12.1	19.3	24.1	19.2	50
M32	M32x1.5	17-23	32.0	25.0	12.1	19.3	24.1	19.2	50
M36	M36x1.5	18-25	36.0	29.8	12.4	22.6	24.8	24.8	50
M40	M40x1.5	22-32	40.0	37.1	12.6	25.1	26.1	30.7	50
M50	M50x1.5	30-38	50.0	43.3	17.3	25.9	30.5	35.6	20
M63	M63x1.5	34-44	63.0	48.2	20.9	28.1	31.5	41.4	20
M71	M71x1.5	42-54	71.0	63.5	27.5	31.5	43.5	55.0	10
M75	M75x2.0	42-45	74.6	67	23	28	42	55	5
M80	M80x2.0	56-70	79.6	80	28.3	29	47.6	70	5
M88	M88x2.0	56-70	86.6	80	28.3	29	47.6	70	5
M100	M100x2.0	85-90	99.5	89.5	27.2	26.7	47	90	2
M114	M114x2.0	85-90	118.6	101.8	27.4	27.4	47	90	2

英制 / 美制 BSW thread / UNC thread

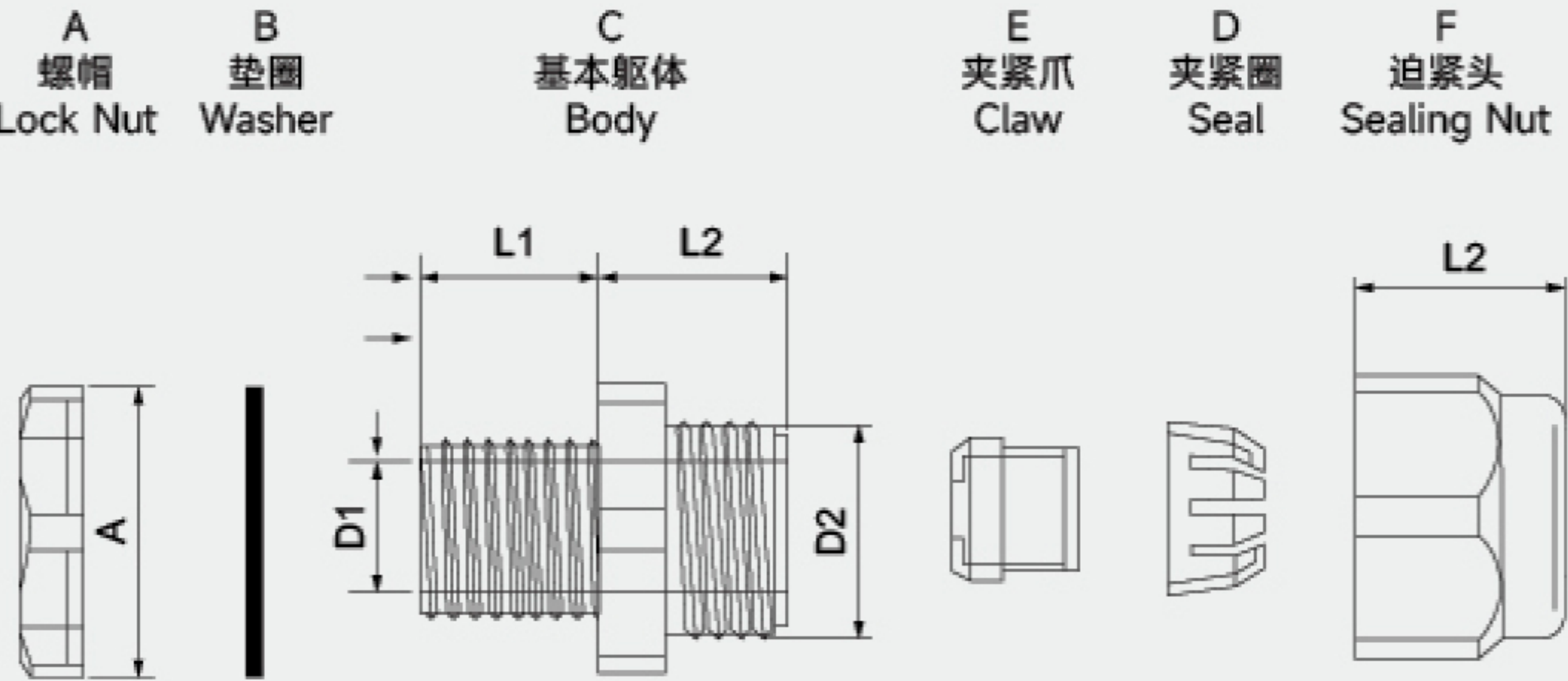
型号 Item No.	电缆范围 Cable ranae (mm)	D1	D2	L1	L2	L3	B1	包装数 (只) Number of packages (only)
G1/2"	6-12	20.2	16.2	10.3	17.8	17.9	13.3	100
G3/4"	13-18	26.9	21.8	11.6	18.7	23.1	16.7	100
G1"	15-22	33.2	25.0	12.1	19.3	24.1	19.2	50
G1/1/4"	18-25	41.9	29.8	12.4	22.6	24.8	24.8	50
G1/1/2'	22-32	47.8	37.1	12.6	25.1	26.1	30.7	50
G2"	34-44	59.6	48.2	20.9	28.1	31.5	41.4	20
NPT1/2"	6-12	20.2	16.2	10.3	17.8	17.9	13.3	100
NPT3/4"	13-18	26.9	21.8	11.6	18.7	23.1	16.7	100
NPT1"	15-22	33.2	25.0	12.1	19.3	24.1	19.2	50
NPT1/1/4"	18-25	41.9	29.8	12.4	22.6	24.8	24.8	50
NPT1/1/2'	22-32	47.8	37.1	12.6	25.1	26.1	30.7	50
NPT2"	34-44	59.6	48.2	20.9	28.1	31.5	41.4	20

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尼龙固定头 (MG 型)

Nylon Cable Glands (MG Type)



产品详情 / Product Description

- ◎ 产品材质：尼龙 PA66
- ◎ 螺牙规格：公制牙 (METRIC)
- ◎ 颜色种类：黑色及灰色
- ◎ 工作温度：-40°C至 100°C或瞬间可耐热至 120°C。
- ◎ 安装方式：直接安装于相同牙规之机板上，由另一端将电缆穿入固定头通孔内，再将迫紧螺帽上紧即可免拆零件省时便利。
- ◎ 产品特性：特殊夹紧爪与夹紧圈之设计，夹紧电缆范围大，抗拉力特强并具保护电缆作用，可防水、防尘，盐、耐弱酸、酒精、油、油脂及一般溶济。

- ◎ Material: Nylon PA66
- ◎ Screw size: Metric
- ◎ Color type: Black and grey
- ◎ Operating temperature：-40°C to 100°C or instant heat resistance to 120°C .
- ◎ Installation method: Directly installed on the machine plate of the same tooth gauge, through the other end of the cable into the fixed head through the hole, and then tighten the pressing nut to save time and convenient to remove parts.
- ◎ Features: Design of special clamping claw and clamping ring, wide range of clamping cable, strong tension resistance and cable protection, waterproof, dustproof, salt, weak acid, alcohol, oil, grease and general dissolving.

技术参数 / Technical Parameter

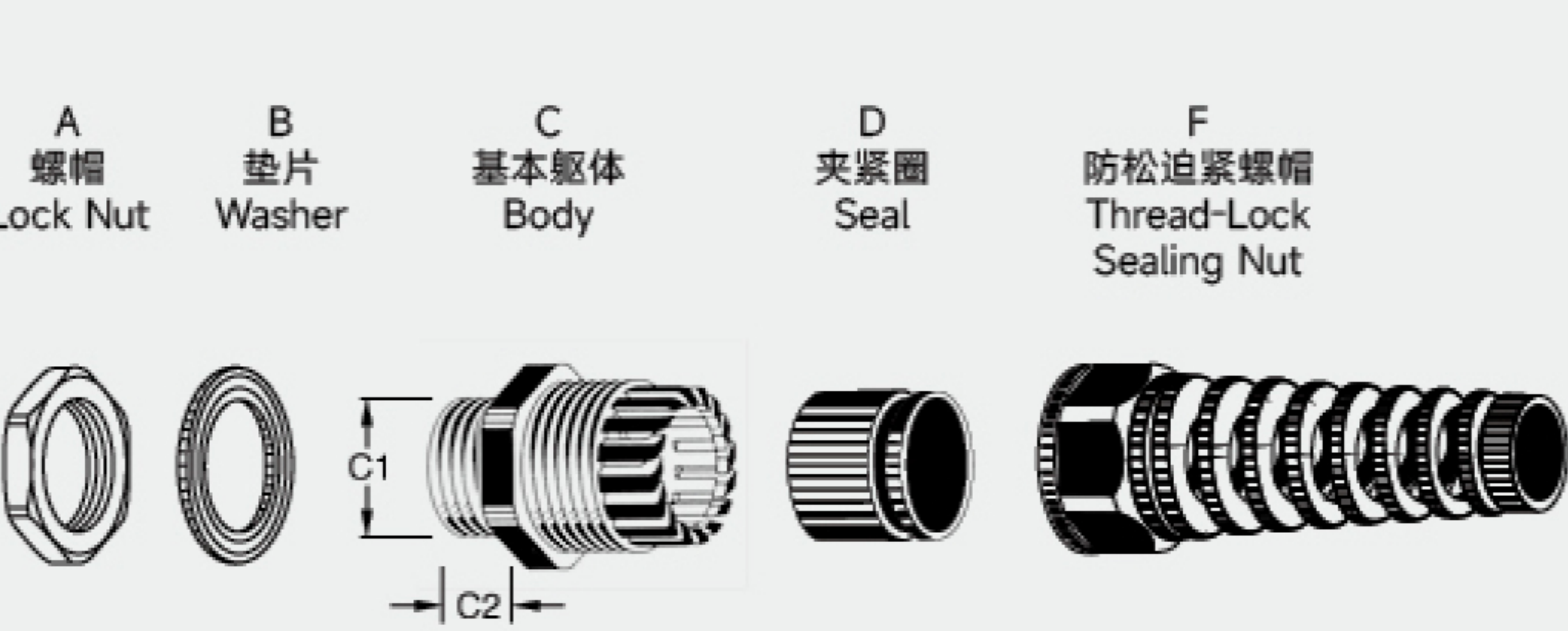
型号 Item No.	公制牙 Threaded (mm)	电缆范围 Cable ranae (mm)	螺纹外径 D1 (mm)	D2	机板孔径 Panel mounting hole (mm)	螺纹长度 L1	L2	A (mm)	包装数 (只) Number of packages (only)
MG-12	M12x1.5	7.6-4.6	12	M16x1.5	12.5	8.5	16	19	100
MG-16	M16x1.5	10-6	16	M20x1.5	16.5	15	19.5	24	100
MG-20	M20x1.5	14-6	20	M25x1.5	20.5	15	21.5	30	100
MG-25	M25x1.5	18-13	25	M31x2	25.5	15	24.5	36	100
MG-32	M32x1.5	25-18	32	M38x2	33	15	27.5	46	15
MG-40	M40x1.5	30-24	40	M46x2	41	20	31	54	20
MG-50	M50x1.5	39-30	50	M58x2	51	23	37	67	4
MG-63	M63x1.5	48.5-40	63	M72x2	64	24	42	81.5	4

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防折弯电缆防水接头

Spiral Cable Glands



产品详情 / Product Description

- ◎ 材料：尼龙 PA
- ◎ 密封件：丁腈橡胶 (NBR) 或耐候橡胶 (EPDM)
- ◎ 防护等级：IP68(旋紧部位，并使用 O 形密封圈)，
- ◎ 环境温度：静态：-40°C至 +100°C，短时可达 +120°C
- ◎ 动态：-20°C至 +80°C，短时可达 +120°C。
- ◎ 颜色：灰色，黑色

- ◎ Product material:nylon PA
- ◎ O-ring: NBR Or EPDM
- ◎ Protection degree:IP68(using o-ring)
- ◎ Temperate: static, -40°C+100°C shorttimecan beup+120°C dynamic,
- ◎ -200°C +80°C , shorttime can beup+100°C
- ◎ Color: Grey and black

技术参数 / Technical Parameter

公制螺纹 Metric Thread

螺纹规格 Thread	电缆范围 Cable ranae (mm)	扳手直径 Wrench size (mm)	螺纹直径 Thread OD.C1(mm)	螺纹长度 Thread length C2 (mm)	长度 H (mm)	包装数 (只) Number of packages (only)
M12x1.5	3-6.5	16/17	12	15	65	100
M16x1.5	4-8	19/20	16	15	70	100
M18x1.5	5-10	22	18	15	78	100
M20x1.5	6-12	24	20	15	90	100
M22x1.5	10-14	27	22	15	100	100
M25x1.5	13-18	33/34	25	15	112	100
M27x1.5	13-18	33/34	27	15	112	100

德制螺纹 PG Thread

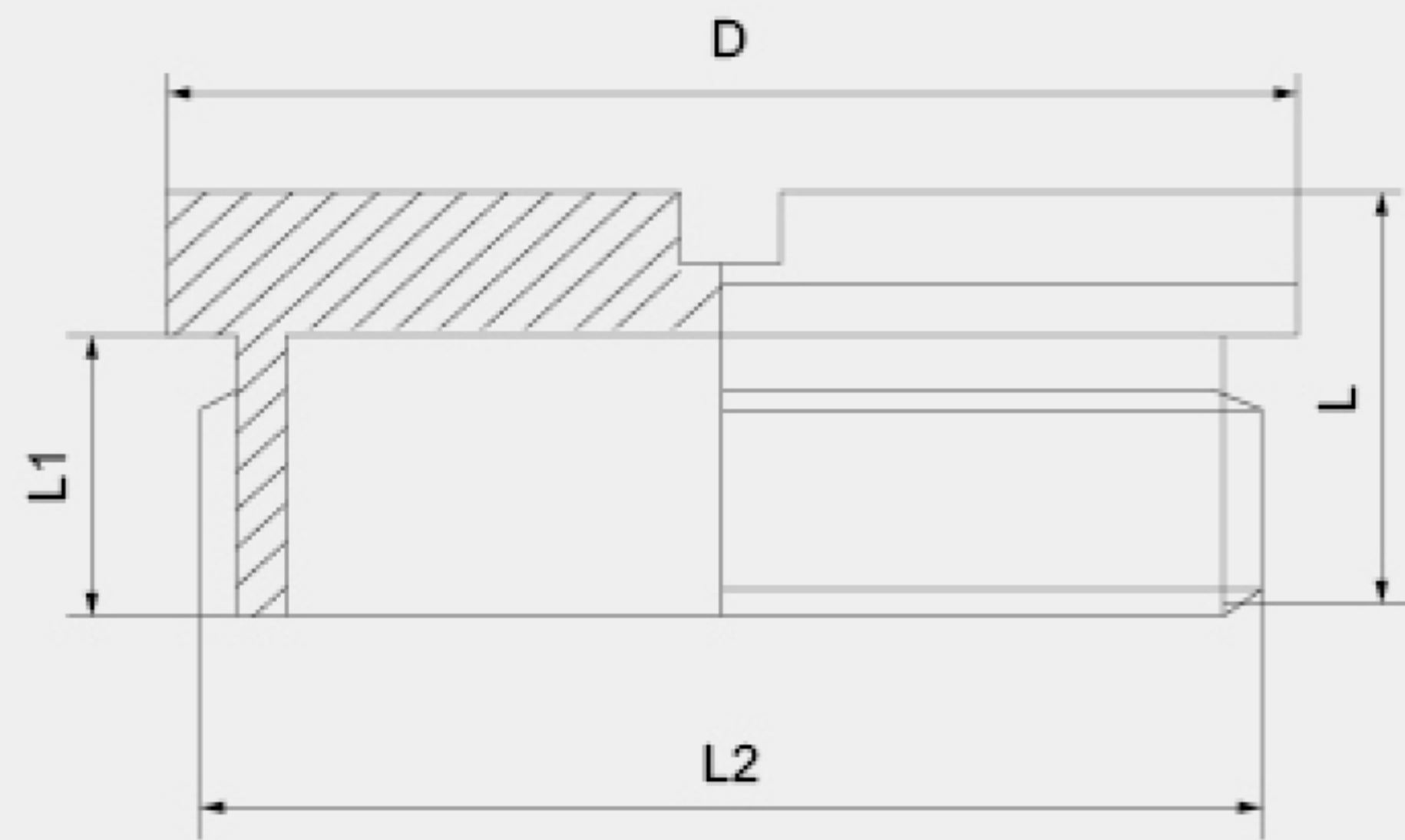
螺纹规格 Thread	电缆范围 Cable ranae (mm)	扳手直径 Wrench size (mm)	螺纹直径 Thread OD.C1(mm)	螺纹长度 Thread length C2 (mm)	长度 H (mm)	包装数 (只) Number of packages (only)
PG7	3.5-6	16/17	15.2	9	65	100
PG9	4-8	19/20			70	100
PG11	5-10	22			78	100
PG13.5	6-12	24	20.2	9.2	90	100
PG16	10-14	27			100	100
PG19	12-15	33/34			112	100
PG21	13-18	33/34	24	11.4	112	100

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塑料堵塞件 PG/M-T 型

Plastic Threaded Plug PG/M-T Type



产品详情 / Product Description

- ◎ 材料 : 采用 UL 认可的尼龙 PA66
 - ◎ O- 密封件 : 丁腈橡胶
 - ◎ 工作温度 : -40°C至 100°C
 - ◎ 颜色种类 : 黑色、白色、灰色，特殊颜色可定做。
- ◎ Material: Made of UL approved nylon PA66.
 - ◎ O-sealing element: Made of nitrile butadiene rubber (NBR)
 - ◎ Working temperature:-40°C to 100°C .
 - ◎ Color: Black, white, grey as well as special colors can be designed at request.

技术参数 / Technical Parameter

产品型号 Model	螺纹规格 Thread Size	螺纹外径 Thread O.D.L2 (mm)	螺纹长度 Thread Length L1(mm)	主体尺寸 Main body Dimensions L(mm)	盖帽尺寸 Cover Dimensions D(mm)
KK-PG7	PG7	12.5	8.5	12.5	15
KK-PG9	PG9	15.2	8.5	13	19
KK-PG11	PG11	18.6	9	13	22
KK-PG13.5	PG13.5	20.4	9	13	25
KK-PG16	PG16	22.5	10.5	15	27
KK-PG21	PG21	28.3	10.5	15.5	33
KK-PG29	PG29	37	11.5	16	44
KK-PG36	PG36	47	13.5	18	55
KK-PG42	PG42	54	13.5	18.5	62
KK-PG48	PG48	59.3	14.5	19.5	68

产品型号 Model	螺纹规格 Thread Size	螺纹外径 Thread O.D.L2 (mm)	螺纹长度 Thread Length L1(mm)	主体尺寸 Main body Dimensions L(mm)	盖帽尺寸 Cover Dimensions D(mm)
KK-M12	M12x1.5	12	8.5	12.5	15
KK-M16	M16x1.5	16	8.5	13	19
KK-M18	M18x1.5	18	9	13	22
KK-M20	M20x1.5	20	9	13	25
KK-M22	M22x1.5	22	10.5	15	27
KK-M25	M25x1.5	25	10.5	15.5	30
KK-M27	M27x1.5	27	10.5	15.5	33
KK-M32	M32x1.5	32	10.5	16	38
KK-M40	M40x1.5	40	11.5	18	46
KK-M50	M50x1.5	50	13.5	18	56
KK-M63	M63x1.5	63	14	19	68

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PA 尼龙阻燃波纹管、PA 尼龙波纹管

PA Nylon Flame Retardant Bellows, PA Nylon Bellows



产品详情 / Product Description

- ◎ 产品材质 :PA6 尼龙 (polyamide)
 - ◎ 工作温度 : -40°C ~+160°C短时可达 +180°C
 - ◎ 结构 : 内部和外表均为波浪型
 - ◎ 颜色 : 黑色，其他颜色可以定做（根据需要可开口）
 - ◎ 特性 : 柔韧性好，抗扭曲，弯曲性能好，可以承受较重的负载；耐酸、润滑油、冷却液等，表面有光泽，耐摩擦性：
 - ◎ 承载能力 : 可以承受脚踩的重压，不断裂，不变型，可以迅速恢复，并且本身无任何损伤
 - ◎ 应用领域 : 机械制造、电气绝缘保护、照明设备汽车制造，航空设备，地铁，火车、自动化控制等行业
 - ◎ 使用方法 : 将电线电缆插入管内，在配上 KKDQ:SM-G,SM 系列软管接头对应的型号使用即可
- ◎ Material :PA6 nylon (polyamide)
 - ◎ Operating temperature : -40°C ~+160°C Short time up to +180°C
 - ◎ Structure: Both inside and outside are wavy
 - ◎ Color: Black, other colors can be customized (open according to need)
 - ◎ Features: Good flexibility, anti-distortion, good bending performance, can withstand heavy load; Acid, lubricating oil, coolant, etc., glossy surface, friction resistance:
 - ◎ Bearing capacity: It can withstand the pressure of the foot, does not break, does not change, can quickly recover, and does not have any damage itself
 - ◎ Application fields: machinery manufacturing, electrical insulation protection, lighting equipment automobile manufacturing, aviation equipment, subway, train, automation control and other industries
 - ◎ Usage: Insert the wire and cable into the tube, and then use the corresponding model of the SM series hose connector with KKDQ:SM-G

技术参数 / Technical Parameter

型号 Item No.	规格 (AD) Specifications	内径 x 外径 (mm) Inside Diameter x Outside Diameter	弯曲半径 (mm) Bending radius	包装单位 (m) Packing unit
PA-10	AD10	7x10	16	100
PA-13	AD13	10x13	20	100
PA-15.8	AD18.5	12x15.8	30	100
PA-18.5	AD21.2	14.3x18.5	40	100
PA-21.2	AD21.2	17x21.2	45	100
PA-25	AD25	21x25	45	100
PA-28.5	AD28.5	23x28.5	50	50
PA-34.5	AD34.5	29x34.5	60	50
PA-42.5	AD42.5	36x42.5	70	50
PA-54.5	AD54.5	48x54.5	90	25

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PP 阻燃聚丙烯波纹管

PP Flame Retardant Polypropylene Corrugated Pipe



产品详情 / Product Description

- ◎ 产品材质 :PP 聚丙烯 (polypropylene)

◎ 工作温度 :-30°C ~+100°C短时可达 +110°C

◎ 结构 : 内部和表外均为波浪型

◎ 颜色 : 黑色 (根据需要可开口)

◎ 供应范围 : 阻燃, FV-O

◎ 特性 : 柔韧性好, 表面光泽、耐化学腐蚀

◎ 应用领域 : 重要用于汽车配线专用、也可用于相床机械, 自动化仪表, 电机马达, 保护电缆电线不受外力磨损及绝缘

◎ 使用方法 : 将电线电缆插入管内, 在配上 KKDQ:SM-G, SM 系列软管接头对应的型号使用即可
- ◎ Material: PP polypropylene (polypropylene)

◎ Working temperature:-30C~+ 100 C short time up to + 110

◎ Structure: internal and external are wave-table

◎ Color: black (as required to open)

◎ Scope of supply: fire, FV-O

◎ Characteristics: flexibility, surface gloss, chemical resistant

◎ Application: mainly used for automotive wiring dedicated, can also be used with bed machinery, automation instruments, electric motors, cables and wires from external wear protection and insulation

◎ Usage: wire and cable inside the insertion tube,in coupled KKDQ: SM-G SM Series models use the hose connector corresponding to

技术参数 / Technical Parameter

型号 Item No.	规格 (AD) Specifications	内径 x 外径 (mm) Inside Diameter x Outside Diameter	弯曲半径 (mm) Bending radius	包装单位 (m) Packing unit
PP-7	AD7	4.5x7.0	16	200
PP-10	AD10	7.0x10	16	100
PP-11	AD11	8.5x11	16	100
PP-13	AD13	10x13	20	100
PP-15.8	AD15.8	12x15.8	30	100
PP-18.5	AD18.5	14.3x18.5	40	100
PP-21.2	AD21.2	17x21.2	45	100
PP-25	AD25	21x25	45	100
PP-28.5	AD28.5	23x28.5	50	50
PP-34.5	AD34.5	29x34.5	60	50
PP-42.5	AD42.5	36x42.5	70	50
PP-54.5	AD54.5	48x54.5	90	25

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PE 聚乙烯波纹管

PE Corrugated Polyethylene Pipe



产品详情 / Product Description

- ◎ 产品材质 :PE 聚乙烯 (polyethylene)

◎ 工作温度 :-30°C ~+100°C短时可达 +120°C

◎ 结构 : 内部和外表均为波浪型

◎ 颜色 : 黑色, 其他颜色可以定做 (根据需要可开口)

◎ 特性 : 柔韧性好, 表面光泽, 耐化学腐蚀

◎ 应用领域 : 可用于机床机械, 电力设备, 食品机械, 自动化仪, 电机马达, 保护电缆电线不受外力磨损及绝缘

◎ 使用方法 : 将电线电缆插入管内, 在配上 KKDQ:SM-G,SM 系列软管接头对应的型号使用即可
- ◎ Material: PE (polyethylene)

◎ Working temperature: -30 C~+100 C short time up to + 120 ° C

◎ Structure: internal and appearance are wavy

◎ Color: black, other colors can be customized (as required to open)

◎ Characteristics: flexibility, surface gloss, chemical resistant

◎ Applications: it can be used for machine tools, electrical equipment, food machinery, automation instruments, motors, cables and wires from external wear protection and insulation

◎ Usage: wire and cable inside the insertion tube, in coupled KKDQ: SM-G, SM series models use the hose fittings corresponding to

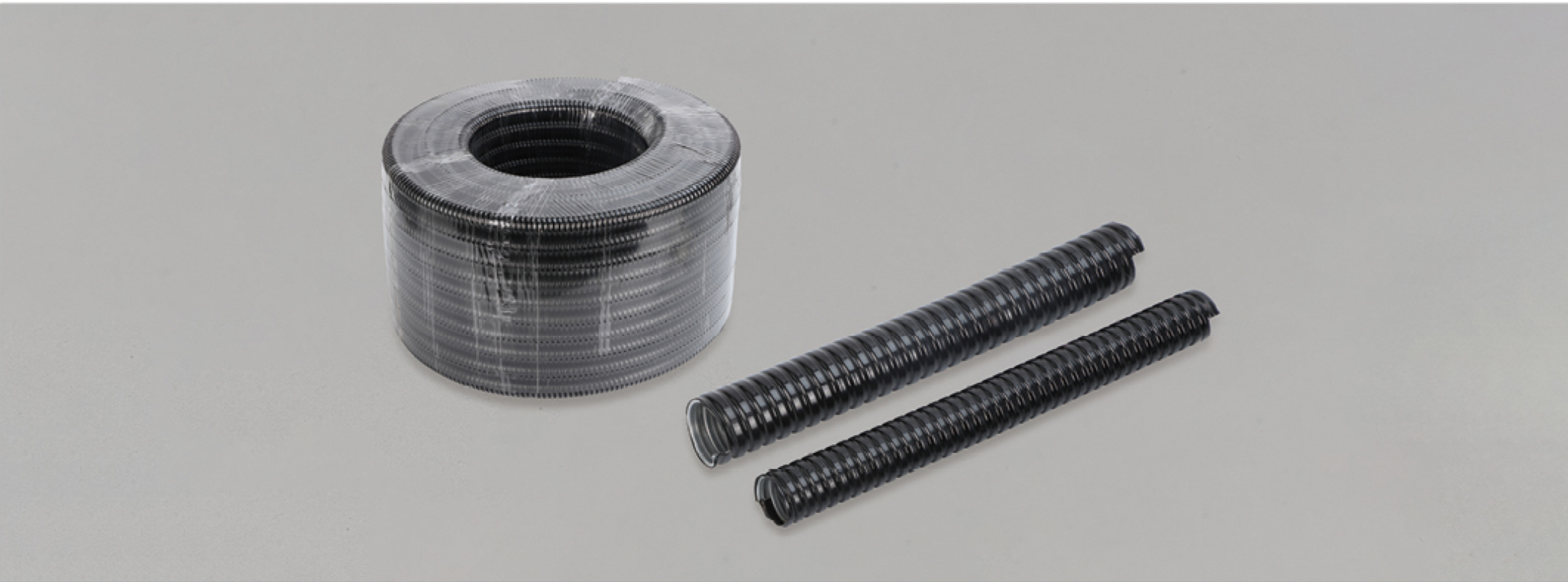
技术参数 / Technical Parameter

型号 Item No.	规格 (AD) Specifications	内径 x 外径 (mm) Inside Diameter x Outside Diameter	弯曲半径 (mm) Bending radius	包装单位 (m) Packing unit
PE-7	AD7	4.5x7	16	200
PE-10	AD10	7x10	16	100
PE-13	AD13	10x13	20	100
PE-15.8	AD15.8	12x15.8	30	100
PE-18.5	AD18.5	14.3x18.5	40	100
PE-21.2	AD21.2	17x21.2	45	100
PE-25	AD25	21x25	45	100
PE-28.5	AD28.5	23x28.5	50	50
PE-34.5	AD34.5	29x34.5	60	50
PE-42.5	AD42.5	36x42.5	70	50
PE-54.5	AD54.5	48x54.5	90	25

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包塑金属软管

Plastic Coated Metal Hose



产品详情 / Product Description

- ◎ 产品材质 : (内层) 采用镀锌钢带及特殊绝缘处理 ; (外层) 采用 PVC 原料 (抗紫外线、防老化)
- ◎ 产品颜色 : 黑色、灰色
- ◎ 工作温度 : -10C~-+80C 短时可达 +100C
- ◎ 产品特性 : 1、软管有极佳之防水、绝缘性，抗拉性
 - 2、表面采用 PVC 材料，且 PVC 塑料中添加了防火阻燃剂
 - 3、结构为反扣型，增加抗拉强度，不容易折断或变形
 - 4、弯曲性能好，内部平滑构造，在穿引电线电缆时及容易
- ◎ 应用领域 : 铁路，机车，交通系统工程，空调，各种机械，自动化控设备，发电厂，化工，输配电系统，通信系统，船舶，大厦，厂房内及屋外露出部分之配线保护。
- ◎ 用途 : 保护电线电缆以及达到绝缘、防水、并可增进线缆弯曲美观。
- ◎ 使用方法 : 先将电线电缆穿入管内，再配上接头相应的型号即可。

- ◎ Product material : (inner layer) galvanized steel strip and special insulation treatment; (Outer layer) made of PVC material (anti-UV, anti-aging)
- ◎ Product color: Black, gray
- ◎ Operating temperature : -10C~-+80C short time up to +100C
- ◎ Product features : 1, the hose has excellent waterproof, insulation, tensile property
 - 2, the surface is made of PVC material, and the PVC plastic is added with fire retardant
 - 3, the structure is reverse buckle type, increase the tensile strength, not easy to break or deformation
 - 4, good bending performance, smooth internal structure, easy to lead wire and cable
- ◎ Application fields: railway, locomotive, traffic system engineering, air conditioning, various machinery, automatic control equipment, power plant, chemical industry, transmission and distribution system, communication system, ship, building, plant and outdoor exposed part of the wiring protection.
- ◎ Uses: Protect wire and cable and achieve insulation, waterproof, and can improve the cable bending beauty.
- ◎ Usage: First the wire and cable into the tube, and then matched with the corresponding type of joint can be.

技术参数 / Technical Parameter

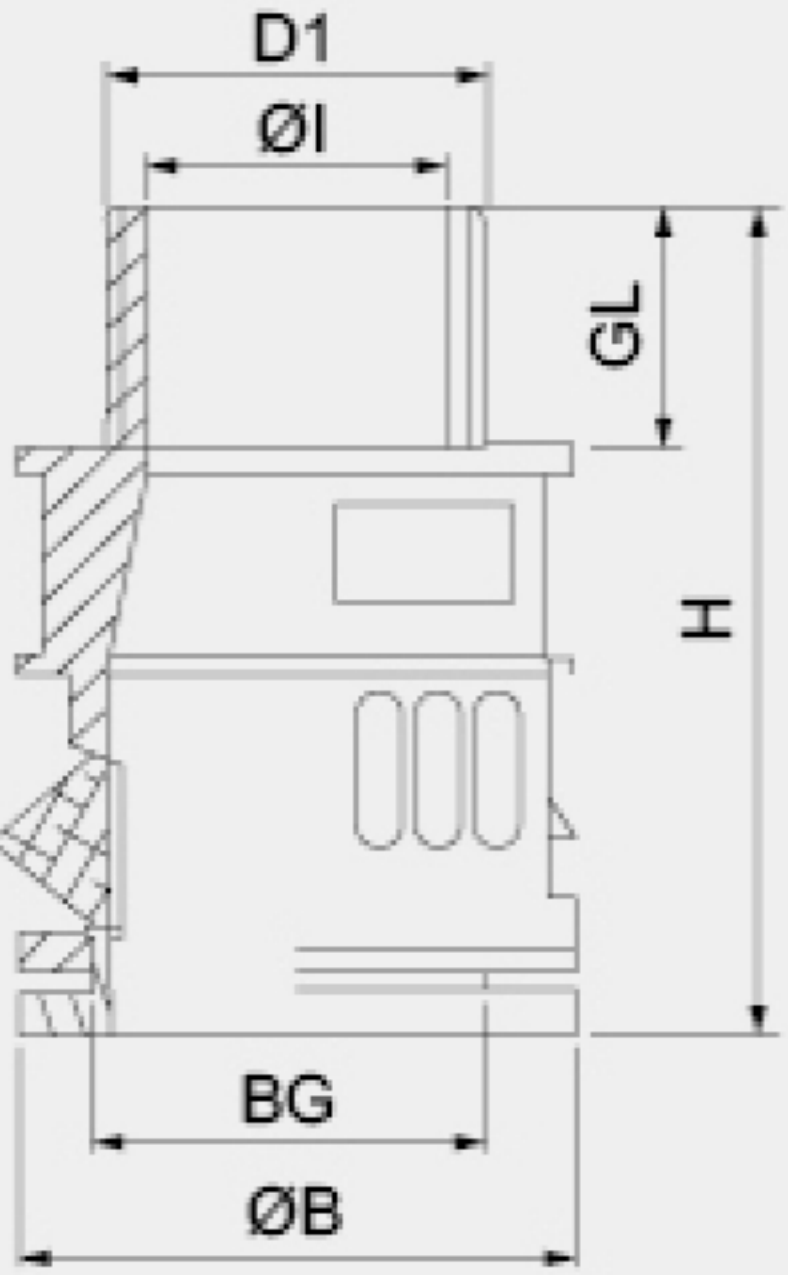
型号 Item No.	规格 (AD) Specifications		外径及允许偏差 (mm) Outside diameter and allowable deviation	自然弯曲 (mm) Natural bending	最大轴向拉力 (kg) Maximum axial pull	包装单位 (m) Packing unit
	英制 BSW	美制 UNC				
KK-MT-6	Ø6	3/16"	9±0.25	40	335	200
KK-MT-8	Ø8	5/16"	11.8±0.3	45	470	200
KK-MT-10	Ø10	1/4"	14.5±0.3	55	590	100
KK-MT-12	Ø12	3/8"	16.5±0.35	60	710	100
KK-MT-13	Ø13	3/8"	17.5±0.35	65	765	100
KK-MT-15	Ø15	3/8"	20.2±0.35	80	885	100
KK-MT-16	Ø16	1/2"	21.2±0.35	85	940	50
KK-MT-19	Ø19	1/2"	24.5±0.4	95	1120	50
KK-MT-20	Ø20	3/4"	25.5±0.4	100	1180	50
KK-MT-25	Ø25	1"	31.7±0.45	120	1450	50
KK-MT-32	Ø32	1 1/4"	39.6±0.5	150	1885	30
KK-MT-38	Ø38	1 1/2"	46.6±0.6	180	2240	30
KK-MT-51	Ø51	2"	59.5±1	220	3000	20
KK-MT-64	Ø64	2-1/2"	73.5±1.5	310	3770	10
KK-MT-75	Ø75	3"	84.5±2	350	4405	10
KK-MT-100	Ø100	4"	109.0±3	410	4700	10

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Dimensions and specifications may be changed without prior notice.



KKQ 型快速软管接头

KKQ Quick Hose Connector



产品详情 / Product Description

- ◎ 螺纹规格 : 公制螺纹 (Metric)/ 德制螺纹 (PG)/ 英制螺纹 (G)
- ◎ 产品材质 : 尼龙 66 (NYLON66) 原料制成
- ◎ 产品认证 : 欧洲 CE, ROHS
- ◎ 防火等级 : UL94V-2
- ◎ 颜色种类 : 黑色 Ral9005、灰色 Ral7037
- ◎ 工作温度 : -40°C 至 85°C
- ◎ 产品特性 : 装卸只需拔插无需工具
- ◎ 备注 : 含螺母，不带防水垫片，需外购

- ◎ Thread specification: Metric thread/German thread (PG)/ Inch thread (G)
- ◎ Material: Nylon 66 (NYLON66) raw material
- ◎ Product certification: European CE, ROHS
- ◎ Fire rating : UL94V-2
- ◎ Color type: Black Ral9005, gray Ral7037
- ◎ Operating temperature : -40°C to 85°C
- ◎ Product features: Loading and unloading only need to dial without tools
- ◎ Note: Including nut, without waterproof gasket, to be purchased

技术参数 / Technical Parameter

公制螺纹 Metric Thread

产品型号 Item No.	型号 Item No.		对应 软管 Tubing outer	软管外径 mm	螺纹 规格 Thread	螺纹外径 Thread O.D. D1 (mm)	机板孔径 Panel mounting hole (mm)	螺纹长度 Thread length GL	内孔径 Smallest inner I	外径 Largest outer B	长度 Total length H	高度 Total height B	包装 Std.Pkg. pcs
	黑色 Black Ral9005	灰色 Gray Ral7037											
AD10 M12x1.5	KK-M12B	KK-M12G	AD10	10	7	M12x1.5	12	12-12.3	10	7	17	32.5	100
AD13 M12x1.5	KK-M12B	KK-M12G	AD13	13	10	M12x1.5	12	12-12.3	10	7	20	32.5	100
AD13 M16x1.5	KK-M16B	KK-M16G	AD13	13	10	M16x1.5	16	16-16.3	10	12	20	32.5	100
AD13 M18x1.5	KK-M18B	KK-M18G	AD13	13	10	M18x1.5	18	18-18.3	10	10	20	32.5	100
AD13 M20x1.5	KK-M20B	KK-M20G	AD13	13	10	M20x1.5	20	20-20.3	10	12	23	37	100
AD15.8 M16x1.5	KK-M16B	KK-M16G	AD15.8	15.8	12	M16x1.5	16	16-16.3	10	12	23	37	100
AD15.8 M18x1.5	KK-M18B	KK-M18G	AD15.8	15.8	12	M18x1.5	18	18-18.3	10	10	23	37	100
AD15.8 M20x1.5	KK-M20B	KK-M20G	AD15.8	15.8	12	M20x1.5	20	20-20.3	10	12	23	37	100
AD18.5 M18x1.5	KK-M18B	KK-M18G	AD18.5	18.5	14.3	M18x1.5	18	18-18.3	11	13	25.5	40	100
AD18.5 M20x1.5	KK-M20B	KK-M20G	AD18.5	18.5	14.3	M20x1.5	20	20-20.3	11	13	25.5	40	100
AD21.2 M20x1.5	KK-M20B	KK-M20G	AD21.2	21.2	17	M20x1.5	20	20-20.3	12	15	29.5	43.5	100
AD21.2 M22x1.5	KK-M22B	KK-M22G	AD21.2	21.2	17	M22x1.5	22	22-22.4	12	17	29.5	43.5	100
AD21.2 M24x1.5	KK-M24B	KK-M24G	AD21.2	21.2	17	M24x1.5	24	24-24.4	12	17	29.5	43.5	50
AD21.2 M25x1.5	KK-M25B	KK-M25G	AD21.2	21.2	17	M25x1.5	25	25-25.4	12	17	29.5	43.5	50
AD25 M24x1.5	KK-M24B	KK-M24G	AD25	25	21	M24x1.5	25	24-24.4	13	19.5	31.5	46.7	50
AD25 M25x1.5	KK-M25B	KK-M25G	AD25	25	21	M25x1.5	25	25-25.4	13	20	37	46	50
AD28.5 M25x1.5	KK-M25B	KK-M25G	AD28.5	28.5	23	M25x1.5	25	25-25.4	12	20	37	46	50
AD28.5 M27x1.5	KK-M27B	KK-M27G	AD28.5	28.5	23	M27x1.5	27	27-27.4	12	23	37	46	50
AD28.5 M27x2	KK-M27B	KK-M27G	AD28.5	28.5	23	M27x2	27	27-27.4	13	21.5	37	47	50
AD28.5 M30x1.5	KK-M30B	KK-M30G	AD28.5	28.5	23	M30x1.5	30	30-30.4	13	25	37	47	50
AD28.5 M30x2	KK-M30B	KK-M30G	AD28.5	28.5	23	M30x2	30	30-30.4	12	23	37	46	50
AD28.5 M32x1.5	KK-M32B	KK-M32G	AD28.5	28.5	23	M32x1.5	32	32-32.4	12	30	37	46	50
AD34.5 M32x1.5	KK-M32B	KK-M32G	AD34.5	34.5	29	M32x1.5	32	32-32.4	12	30	44	48	50
AD34.5 M36x1.5	KK-M36B	KK-M36G	AD34.5	34.5	29	M36x2	36	36-36.4	12	30	44	48	50
AD34.5 M36x2	KK-M36B	KK-M36G	AD34.5	34.5	29	M36x2	36	36-36.4	12	30	44	48	50
AD34.5 M40x1.5	KK-M40B	KK-M40G	AD34.5	34.5	29	M40x1.5	40	40-40.4	12	35	51.5	50	50
AD34.5 G1	KK-G1B	KK-G1G	AD34.5	34.5	29	G1	32	32-32.4	14.5	27	43.5	51	50
AD42.5 M40x1.5	KK-M40B	KK-M40G	AD42.5	42.5	36	M40x1.5	40	40-40.4	12	35	51.5	50	20
AD42.5 M48x1.5	KK-M48B	KK-M48G	AD42.5	42.5	36	M48x2	48	48-48.4	12	35	51.5	50	20
AD42.5 M48x2	KK-M48B	KK-M48G	AD42.5	42.5	36	M48x2	48	48-48.4	12	35	51.5	50	20
AD42.5 M50x1.5	KK-M50B	KK-M50G	AD42.5	42.5	36	M50x1.5	50	50-50.4	12	35	51.5	50	20
AD54.5 M50x1.5	KK-M50B	KK-M50G	AD54.5	54.5	48	M50x1.5	50	50-50.4	12	36	51.5	50	10
AD54.5 M56x2	KK-M56B	KK-M56G	AD54.5	54.5	48	M56x2	56	56-56.4	15	48	65.5	54	10
AD54.5 M63x1.5	KK-M63B	KK-M63G	AD54.5	54.5	48	M63x1.5	63	63-63.4	15	48	65.5	54	10

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德制螺纹 PG Thread

产品型号 Item No.	型号 Item No.		对应 软管 Tubing outer	软管外径 mm	螺纹 规格 Thread	螺纹外径 Thread O.D. D1 (mm)	机板孔径 Panel mounting hole (mm)	螺纹长度 Thread length GL	内孔径 Smallest inner I	外径 Largest outer B	长度 Total length H	高度 Total height B	包装 Std.Pkg. pcs
	黑色 Black Ral9005	灰色 Gray Ral7037											
AD10 PG7	KK-PGTB	KK-PG7G	AD10	10	7	PG7	12.5	12.5-12.8	10	7	20	32.5	100
AD13 PG9	KK-PG9B	KK-PG9G	AD13	13	10	PG9	15.2	15.2-15.5	10	7	20	32.5	100
AD15.8 PG11	KK-PG11B	KK-PG11G	AD15.8	15.8	12	PG11	18.6	18.6-18.9	10	13	23	37	100
AD18.5 PG13.5	KK-PG13.5B	KK-PG13.5G	AD18.5	18.5	14.3	PG13.5	20.4	20.4-20.7	11	14	25.5	40	100
AD21.2 PG16	KK-PG16B	KK-PG16G	AD21.2	21.2	17	PG16	22.5	22.5-22.8	12	16	29.5	43.5	100
AD25 PG19	KK-PG19B	KK-PG19G	AD25	25	21	PG19	28.3	24-24.3	12	13	32	46	50
AD28.5 PG21	KK-PG21B	KK-PG21G	AD28.5	28.5	23	PG21	28.3	28.3-28.7	12	24	37	46	50
AD34.5 PG29	KK-PG29B	KK-PG29G	AD34.5	34.5	29	PG29	37	37.0-37.4	12	30	44	48.5	50
AD42.5 PG36	KK-PG36B	KK-PG36G	AD42.5	42.5	36	PG36	47	47.0-47.4	12	37	51.5	50.5	20
AD54.5 PG48	KK-PG48B	KK-PG48G	AD54.5	54.5	48	PG48	59.3	59.3-59.7	15	48	65.5	54	20

英制螺纹 BSW Thread

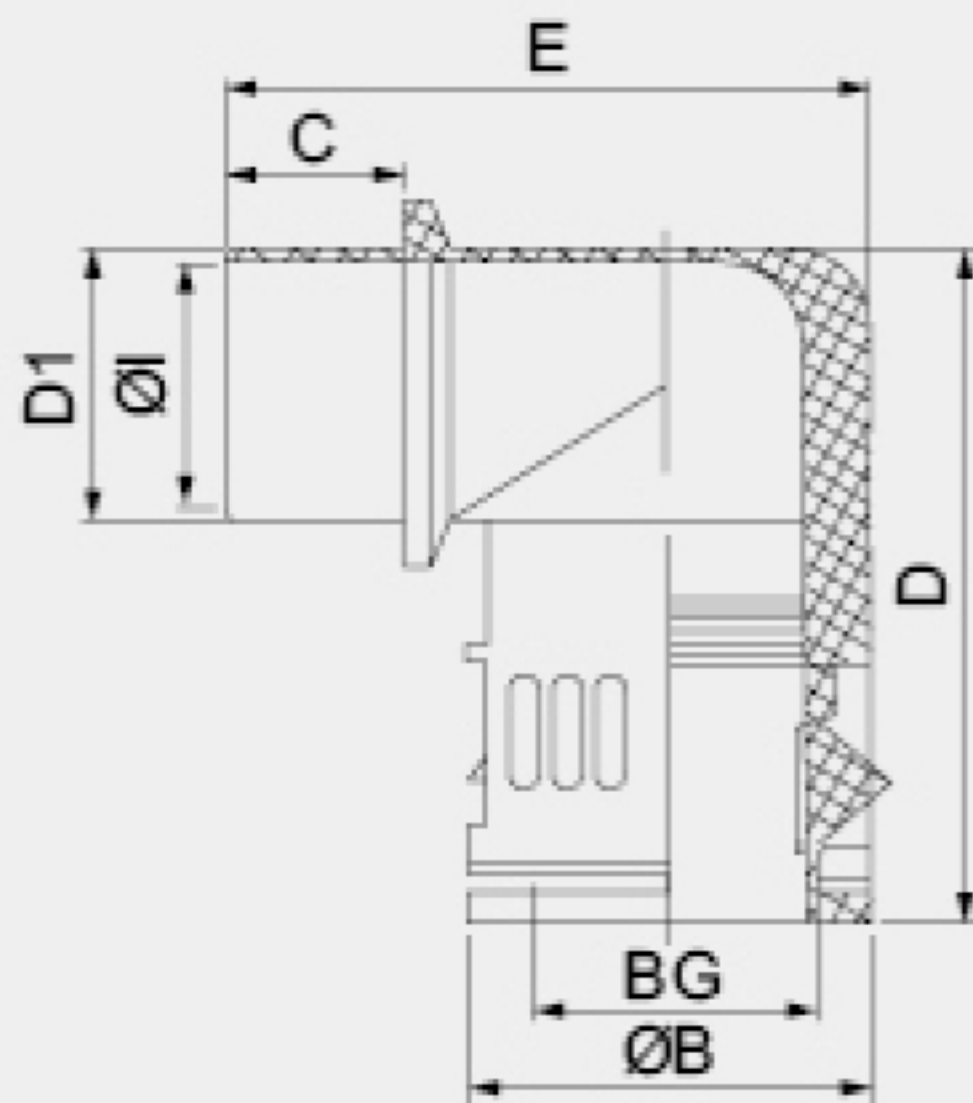
产品型号 Item No.	型号 Item No.		对应 软管 Tubing outer	软管外径 mm	螺纹 规格 Thread	螺纹外径 Thread O.D. D1 (mm)	机板孔径 Panel mounting hole (mm)	螺纹长度 Thread length GL	内孔径 Smallest inner I	外径 Largest outer B	长度 Total length H	高度 Total height B	包装 Std.Pkg. pcs
	黑色 Black Ral9005	灰色 Gray Ral7037											
AD10 G3/8	KK-G3/8B	KK-G3/8G	AD10	10	7	G3/8	16.5	16.5	10	7	20	32.5	100
AD15.8 G1/2	KK-G1/2B	KK-G1/2G	AD15.8	15.8	12	G1/2	21.3	21.3	10	13	23	37	100
AD21.2 G1/2	KK-G1/2B	KK-G1/2G	AD21.2	21.2	17	G1/2	21.3	21.3	12	16	29.5	43.5	50
AD25 G3/4	KK-G3/4B	KK-G3/4G	AD25	25	21	G3/4	26.6	26.6	12	24	37	46	50
AD28.5 G3/4	KK-G3/4B	KK-G3/4G	AD28.5	28.5	23	G3/4	26.6	26.6	12	24	37	46	50
AD34.5 G1	KK-G1B	KK-G1G	AD34.5	34.5	29	G1	33.2	33.2	12	30	44	48.5	50

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QG7 型快速软管弯头

QG7 Quick Hose Bend



产品详情 / Product Description

- ◎ 螺纹规格：公制螺纹 (Metric)/ 德制螺纹 (PG)
- ◎ 产品材质：尼龙 66(NYLON66) 原料制成
- ◎ 产品认证：欧洲 CE,ROHS
- ◎ 防火等级：UL94V-2
- ◎ 颜色种类：黑色 Ral9005、灰色 Ral7037
- ◎ 工作温度：-40°C至 85°C
- ◎ 产品特性：装卸只需拔插无需工具
- ◎ 备注：含螺母，不带防水垫片，需外购

- ◎ Thread specification: Metric thread/German thread (PG)
- ◎ Material: Nylon 66(NYLON66) raw material
- ◎ Product certification: European CE,ROHS
- ◎ Fire rating :UL94V-2
- ◎ Color type: Black Ral9005, gray Ral7037
- ◎ Operating temperature :-40°C to 85°C
- ◎ Product features: Loading and unloading only need to dial without tools
- ◎ Note: Including nut, without waterproof gasket, to be purchased

技术参数 / Technical Parameter

公制螺纹 Metric Thread

螺纹规格 Thread	型号 Item No.		对应软管 Tubing outer	软管 外径 mm	软管 内径 mm	螺纹规格 Thread	螺纹外径 Thread O.D. D1 (mm)	机板孔径 Panel mounting hole (mm)	螺纹长度 Thread length GL	内孔径 Smallest inner I	外径 Largest outer B	长度 Total length H	高度 Total height B	包装 Std. Pkg. pcs
	黑色 Black Ral9005	灰色 Gray Ral7037												
AD10 M12x1.5	KK-M12B	KK-M12G	AD10	10	7	M12x1.5	12	12-12.3	10	8.5	17	33.5	32	100
AD13 M16x1.5	KK-M16B	KK-M12G	AD13	13	10	M16x1.5	16	16-16.3	10	12	20	36	34	100
AD13 M18x1.5	KK-M18B	KK-M12G	AD13	13	10	M18x1.5	18	18-18.3	11	14	20	45	35	100
AD13 M20x1.5	KK-M20B	KK-M20G	AD13	13	10	M20X1.5	20	20-20.3	10	16	20	42	36	100
AD15.8 M16x1.5	KK-M16B	KK-M16G	AD15.8	15.8	12	M16x1.5	16	16-16.3	10	12	23	42	37.5	100
AD15.8 M18x1.5	KK-M18B	KK-M16G	AD15.8	15.8	12	M18x1.5	18	18-18.3	10	15.5	23	42	37.5	100
AD15.8 M20x1.5	KK-M20B	KK-M16G	AD15.8	15.8	12	M20x1.5	20	20-20.3	10	15.5	23	42	37.5	100
AD18.5 M20x1.5	KK-M20B	KK-M18G	AD18.5	18.5	14.3	M20x1.5	20	20-20.3	13	13.5	26.5	46	44	100
AD21.2 M20x1.5	KK-M20B	KK-M18G	AD21.2	21.2	17	M20x1.5	20	20-20.3	13	14.8	29.5	50	49	100
AD21.2 M22x1.5	KK-M22B	KK-M18G	AD21.2	21.2	17	M22x1.5	22	22-22.3	12	18	29.5	50	47	100
AD21.2 M24x1.5	KK-M24B	KK-M20G	AD21.2	21.2	17	M24x1.5	24	24-24.3	13	18	29.5	50	49	50
AD21.2 M25x1.5	KK-M25B	KK-M20G	AD21.2	21.2	17	M25x1.5	25	25-25.4	13	14.8	29	46	49	50
AD28.5 M25x1.5	KK-M25B	KK-M20G	AD28.5	28.5	23	M25x1.5	25	25-25.4	13	18	29.2	50	49	50
AD28.5 M30*1.5	KK-M30B	KK-M30G	AD28.5	28.5	23	M30x1.5	30	30-30.4	13	25	36.0	62	57	50
AD34.5 M32x1.5	KK-M32B	KK-M20G	AD34.5	34.5	29	M32x1.5	32	32-32.4	15	24	44	67.5	67.5	20
AD42.5 M40x1.5	KK-M40B	KK-M24G	AD42.5	42.5	36	M40x1.5	40	40-40.4	15	32	52	83	74.5	10
AD54.5 M50x1.5	KK-M50B	KK-M25G	AD54.5	54.5	42	M50x1.5	50	50-50.4	16	39	64	88	86.5	10
AD54.5 M63x1.5	KK-M63B	KK-M25G	AD54.5	54.5	42	M63x1.5	63	63-63.4	16	53	64	88	86.5	10

德制螺纹 PG Thread

螺纹规格 Thread	型号 Item No.		对应 软管 Tubing outer	软管外径 mm	螺纹 规格 Thread	螺纹外径 Thread O.D. D1 (mm)	机板孔径 Panel mounting hole (mm)	螺纹长度 Thread length GL	内孔径 Smallest inner I	外径 Largest outer B	长度 Total length H	高度 Total height B	包装 Std.Pkg. pcs
	黑色 Black Ral9005	灰色 Gray Ral7037											
AD10 PG7	KK-PG7B	KK-PG7G	AD10	10	PG7	12.5	12.5-12.8	10	8.5	17	33.5	32	100
AD13 PG9	KK-PG9B	KK-PG9G	AD13	13	PG9	15.2	15.2-15.5	10	12	20	36	34	100
AD15.8 PG11	KK-PG11B	KK-PG11G	AD15.8	15.8	PG11	18.6	18.6-18.9	10	12	23	42	37.5	100
AD18.5 PG13.5	KK-PG13.5B	KK-PG13.5G	AD18.5	18.5	PG13.5	20.4	20.4-20.7	11	13.5	26.5	46	44	100
AD21.2 PG16	KK-PG16B	KK-PG16G	AD21.2	21.2	PG16	22.5	22.5-22.8	12	18	29.5	50	47	100
AD25 PG19	KK-PG19B	KK-PG19G	AD25	25	PG19	24.0	24-24.5	13	19	32.5	57	52	50
AD28.5 PG21	KK-PG21B	KK-PG21G	AD28.5	28.5	PG21	28.3	28.3-28.7	12	24	37	57	55	50
AD34.5 PG29	KK-PG29B	KK-PG29G	AD34.5	34.5	PG29	37	37-37.4	12	32	44	67.5	63	20
AD42.5 PG36	KK-PG36B	KK-PG36G	AD42.5	42.5	PG36	47	47-47.4	12	36	52	83	70	10
AD54.5 PG48	KK-PG48B	KK-PG48G	AD54.5	54.5	PG48	59.3	59.3-54.7	14	48	64	88	83	10

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产品详情 / Product Description

- ◎ 螺牙规格：公制螺牙 (Metrcj), 德制螺牙 (DIN STANDARD)。

◎ 产品材质：A.C.F 部位均采用环保尼龙 66(NYLON66) 原料制成 .B.D 采用耐老化橡胶材质。

◎ 产品认证：欧洲 CE,ROHS, 欧洲环保 SGS。

◎ 防火等级：UL94V-2。

◎ 工作温度：-40°C至 150°C

◎ 防护等级：在规定的卡口范围内，并使用 O 形密封圈旋紧迫紧头，达到 IP68。

◎ 颜色种类：浅灰色、黑色，特殊颜色如灰 / 红 / 蓝均可订做。

◎ 使用方法：先将本体穿于机板，再以螺母扭紧固定，软管穿过迫紧头套进夹紧圈到底，扭紧迫紧头将其固定。

◎ 另备灰色，例：KKF-M12G(AD10)
- ◎ Thread: Metric,DIN STANDARD

◎ Material:A.C.F parts made of NYLON66,B.D parts made of rubber

◎ Certmcates:CE,ROHS,SGS.

◎ Fireproof rate:UL94V-2.

◎ Work temperature:-40°C°C to 150°C°C .

◎ Protect rate:in bayonet scope,usd with O ring,screw down lock nut,can be up to IP68

◎ Colors:light gray,black,other special colors can be made

◎ How to use,input it to panels,fixed with lock nut,insert conduit to sealing nut,screw down the nut.

◎ Grayis available in stock:KKF-M12G(AD10)

技术参数 / Technical Parameter

公制螺纹 Metric Thread

产品型号 Item No.	型号 Item No.	对应软管 Tubing outer	软管外径 mm	软管内径 mm	螺纹规格 Thread	螺纹外径 Thread O.D. D1 (mm)	开孔直径 Panel mounting hole (mm)	螺纹长度 Thread length L1	内孔径 Smallest inner I	外径 Largest outer B	高度 Total height B	包装 Std.Pkg. pcs
AD10 M12x1.5	KK-M12B	AD10	10	7	M12x1.5	12	12-12.3	8.5	9	20	33.5	100
AD10 M16x1.5	KK-M16B	AD10	10	7	M16x1.5	16	16-16.3	8.5	11.5	19	33.5	100
AD13 M16x1.5	KK-M16B	AD13	13	10	M16x1.5	16	16-16.3	10	6.5	19	38	100
AD13 M18x1.5	KK-M18X1.5	AD13	13	10	M18X1.5	18	18-18.3	9	13.5	24	38	100
AD13 M20x1.5	KK-M20B	AD13	13	10	M20x1.5	20	20-20.3	9.5	10	24	37.5	100
AD15.8 M16x1.5	KK-M16B	AD15.8	15.8	12	M16x1.5	16	16-16.3	10	16	30	42	100
AD15.8 M18x1.5	KK-M18B	AD15.8	15.8	12	M18x1.5	18	18-18.3	10	14	30	47	100
AD15.8 M20x1.5	KK-M20B	AD15.8	15.8	12	M20x1.5	20	20-20.3	10	14.5	30	48	100
AD18.5 M20x1.5	KK-M20B	AD18.5	18.5	14.3	M20x1.5	20	20-20.3	10	15.5	30.5	50	100
AD21.2 M20x1.5	KK-M20B	AD21.2	21.2	17	M20x1.5	20	20-20.3	10	15	35.6	44.5	50
AD21.2 M25x1.5	KK-M25B	AD21.2	21.2	17	M25x1.5	25	25-25.3	15	20	36	49	50
AD25 M25x1.5	KK-M25B	AD25	25	21	M25x1.5	25	25-25.4	12.6	20.5	41	43.8	50
AD28.5 M25x1.5	KK-M25B	AD28.5	28.5	23	M25x1.5	25	25-25.4	12	20.5	41	43.8	50
AD34.5 M32x1.5	KK-M32B	AD34.5	34.5	29	M32x1.5	32	32-32.4	15	27	47	48	50
AD42.5 M40x1.5	KK-M40B	AD42.5	42.5	36	M40x1.5	40	40-40.4	15	35	58.5	52	20
AD42.5 M50x1.5	KK-M50B	AD42.5	42.5	36	M50x1.5	50	50-50.4	15	43.3	58.5	50.2	15
AD54.5 M50x1.5	KK-M50B	AD54.5	54.5	42	M50x1.5	50	50-50.4	25	43	80	83	10
AD54.5 M63x1.5	KK-M24B	AD54.5	54.5	42	M63x1.5	63	63-63.4	25	55.5	80	83	10

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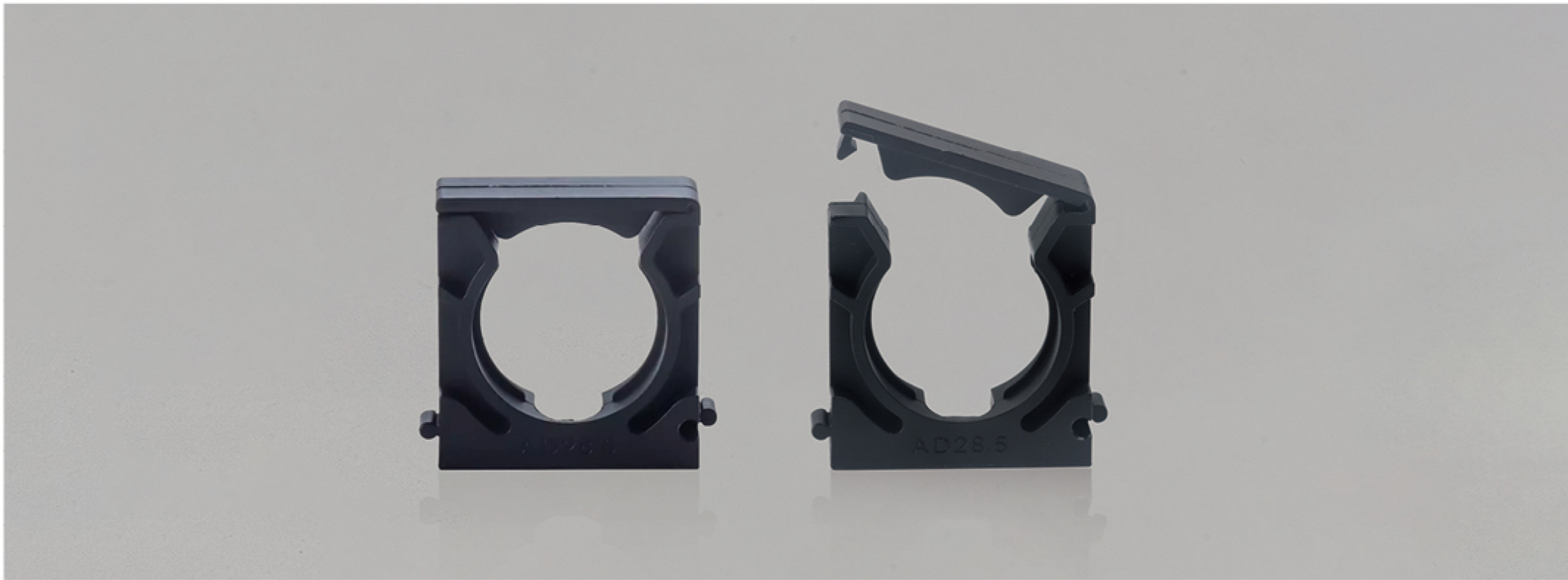
德制螺纹 PG Thread

产品型号 Item No.	型号 Item No.	对应软管 Tubing outer	软管外径 mm	软管内径 mm	螺纹规格 Thread	螺纹外径 Thread O.D. D1 (mm)	开孔直径 Panel mounting hole (mm)	螺纹长度 Thread length L1	内孔径 Smallest inner I	外径 Largest outer B	高度 Total height B	包装 Std.Pkg. pcs
AD10 PG7	KK-PG7B	AD10 (10mm)	10	7	PG7	12.5	12.5-12.8	10	9.24	20	33	100
AD13 PG9	KK-PG9B	AD13 (13mm)	13	10	PG9	12.5	15.2-15.5	10	11	24.3	38.1	100
AD13 PG11	KK-PG11B	AD13 (13mm)	13	10	PG11	18.6	18.6-18.9	10	14.3	24	38.4	100
AD15.8 PG11	KK-PG11B	AD15.8 (15.8mm)	15.8	12	PG11	15.2	18.6-18.9	10.5	14.8	30	43.2	100
AD15.8 PG13.5	KK-PG13.5B	AD15.8 (15.8mm)	15.8	12	PG13.5	20.4	20.4-20.7	10	16	30	42	100
AD15.8 PG16	KK-PG16B	AD15.8 (15.8mm)	15.8	12	PG16	22.5	22.5-22.8	11	17.8	30	42	100
AD18.5 PG13.5	KK-PG13.5B	AD18.5 (18.5mm)	18.5	14.3	PG13.5	20.4	20.4-20.7	10	16	30	44.7	100
AD21.2 PG16	KK-PG16B	AD21.2 (21.2mm)	21.2	17	PG16	22.5	22.5-22.8	11	17.8	35.5	43	50
AD21.2 PG21	KK-PG21B	AD21.2 (21.2mm)	21.2	17	PG21	28.3	28.3-28.7	12	23.5	35.2	45.3	50
AD25 PG21	KK-PG21B	AD25	25	21	PG21	28.3	28.3-28.7	13	23.5	40.5	46.5	50
AD28.5 PG21	KK-PG21B	AD28.5 (28.5mm)	28.5	23	PG21	28.3	28.3-28.7	12.5	23.5	41	44	50
AD34.5 PG29	KK-PG29B	AD34.5 (34.5mm)	34.5	29	PG29	37	37-37.4	16	31	48	48	25
AD42.5 PG36	KK-PG36B	AD42.5 (42.5mm)	42.5	36	PG36	47	47-47.4	13	41.2	58	52	20
AD54.5 PG48	KK-PG48B	AD54.5 (54.5mm)	54.5	42	PG48	59.3	59.3-54.7	24	53	81.5	84	10

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波纹管连体支架

Bellows Connected Bracket



产品详情 / Product Description

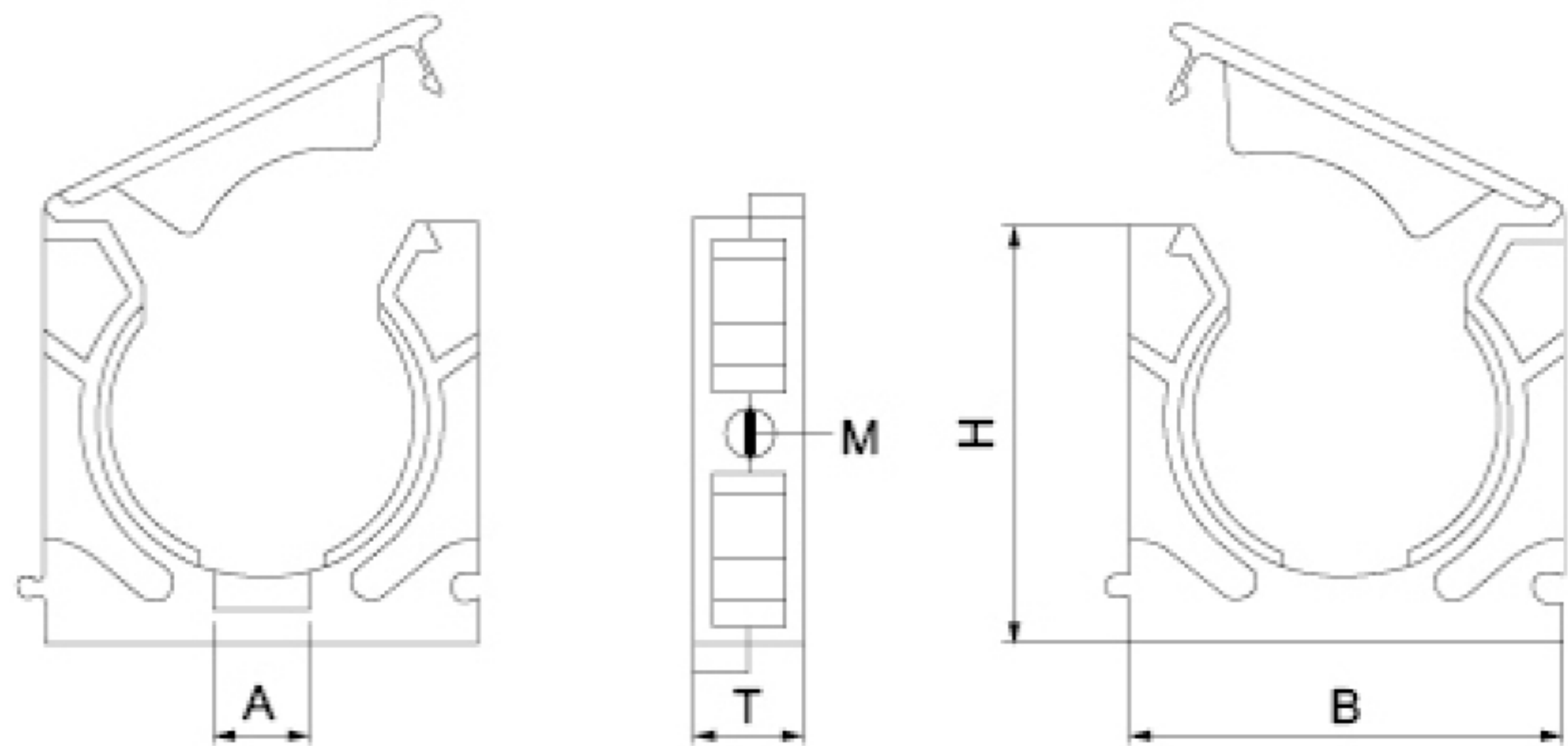
- ◎ 产品材质 :PE 聚乙烯 (polyethylene)
 - ◎ 工作温度 :~30°C ~+100°C短时可达 +120°C
 - ◎ 结构 : 内部和外表均为波浪型
 - ◎ 颜色 : 黑色, 其他颜色可以定做 (根据需要可开口)
 - ◎ 特性 : 柔韧性好, 表面光泽, 耐化学腐蚀
 - ◎ 应用领域 : 可用于机床机械, 电力设备, 食品机械, 自动化仪, 电机马达, 保护电缆电线不受外力磨损及绝缘
 - ◎ 使用方法 : 将电线电缆插入管内, 在配上 KKDQ:SM-G,SM 系列软管接头对应的型号使用即可
- ◎ Product Material :PE (polyethylene)
 - ◎ Operating temperature :~30°C ~+100°C short time up to +120°C
 - ◎ Structure: Both inside and outside are wavy
 - ◎ Color: Black, other colors can be customized (open according to need)
 - ◎ Features: Good flexibility, surface gloss, chemical corrosion resistance
 - ◎ Application: It can be used in machine tool machinery, electric power equipment, food machinery, automation instrument, motor motor, protect cable and wire from external wear and insulation
 - ◎ Usage: Insert the wire and cable into the tube, and then use the corresponding model of the SM series hose connector with KKDQ:SM-G

技术参数 / Technical Parameter

型号 Item No.	适配软管 Adaptor Hose	高度 Height H(mm)	宽度 Width B(mm)	厚度 Thickness T(mm)	螺钉孔径 Screw aperture M(mm)	A(mm)
KK-10	AD10	30	23	12.5	4	6.5
KK-13	AD13	30	23	12.5	4	6.5
KK-15.8	AD15.8	30	23	12.5	4	6.5
KK-18.5	AD18.5	35	30	15	5	6.5
KK-21.2	AD21.2	35	30	15	5	6.5
KK-25	AD25	35	30	15	5	6.5
KK-28.5	AD28.5	42	38	16	6	6.5
KK-34.5	AD34.5	51	43	16	6	11.5
KK-42.5	AD42.5	61	51	16	6	11.5
KK-54.5	AD54.5	74	64	20	6	11.5

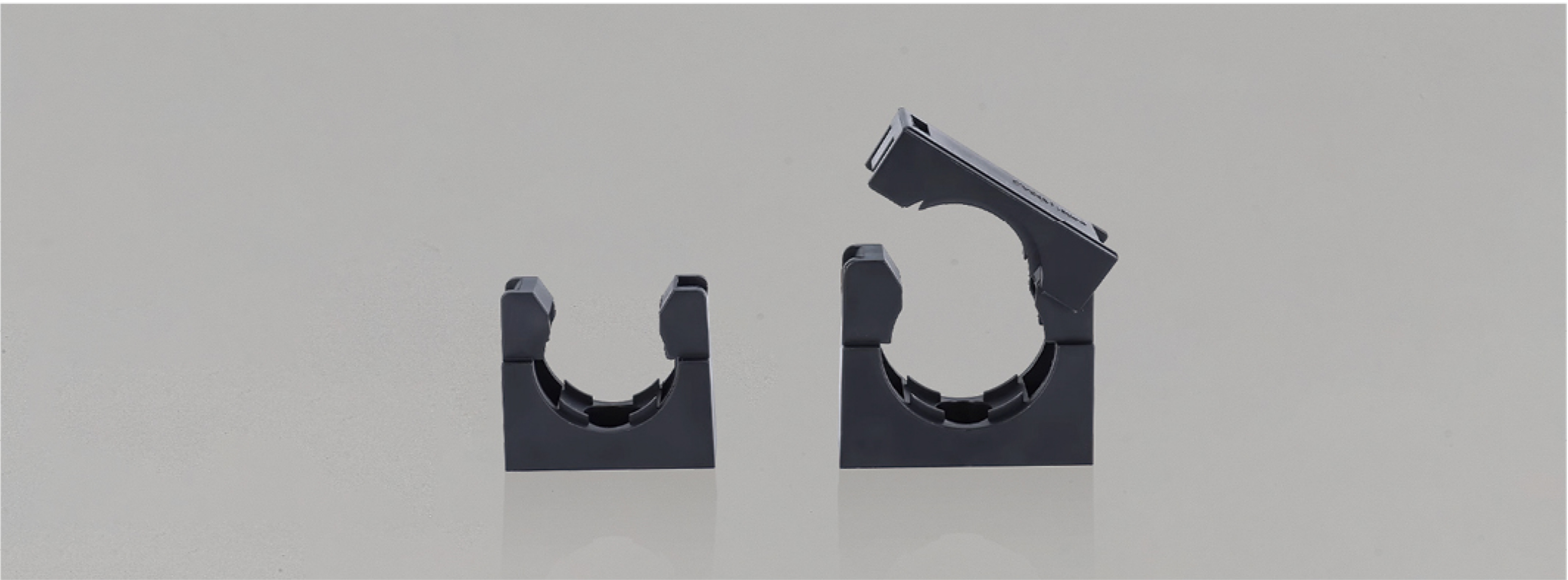
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外形尺寸 / Overall Dimension



波纹管分体支架

Corrugated Pipe Split Support



产品详情 / Product Description

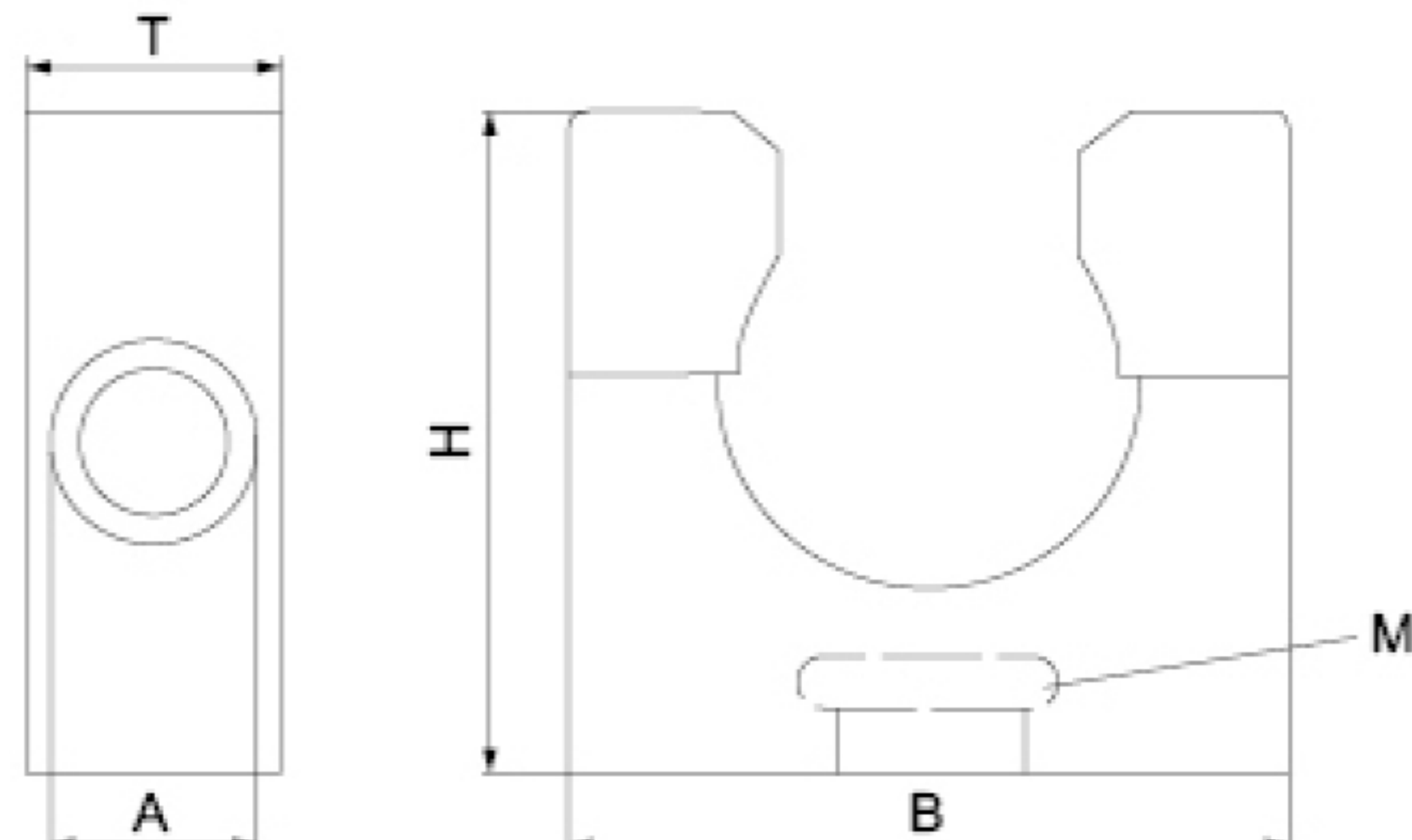
- ◎ 产品材质 :PE 聚乙烯 (polyethylene)
 - ◎ 工作温度 :~30°C ~+100°C短时可达 +120°C
 - ◎ 结构 : 内部和外表均为波浪型
 - ◎ 颜色 : 黑色, 其他颜色可以定做 (根据需要可开口)
 - ◎ 特性 : 柔韧性好, 表面光泽, 耐化学腐蚀
 - ◎ 应用领域 : 可用于机床机械, 电力设备, 食品机械, 自动化仪, 电机马达, 保护电缆电线不受外力磨损及绝缘
 - ◎ 使用方法 : 将电线电缆插入管内, 在配上 KKDQ:SM-G,SM 系列软管接头对应的型号使用即可
- ◎ Product Material :PE (polyethylene)
 - ◎ Operating temperature :~30°C ~+100°C short time up to +120°C
 - ◎ Structure: Both inside and outside are wavy
 - ◎ Color: Black, other colors can be customized (open according to need)
 - ◎ Features: Good flexibility, surface gloss, chemical corrosion resistance
 - ◎ Application: It can be used in machine tool machinery, electric power equipment, food machinery, automation instrument, motor motor, protect cable and wire from external wear and insulation
 - ◎ Usage: Insert the wire and cable into the tube, and then use the corresponding model of the SM series hose connector with KKDQ:SM-G

技术参数 / Technical Parameter

型号 Item No.	适配软管	高度 H(mm)	宽度 B(mm)	厚度 T(mm)	螺钉孔径 M(mm)	A(mm)
KK-10	AD10	26	25	12.5	4	6.5
KK-13	AD13	26	30	12.5	4	6.5
KK-15.8	AD15.8	26	30	12.5	5	6.5
KK-18.5	AD18.5	33	35	15	6	6.5
KK-21.2	AD21.2	34	35	15	6	6.5
KK-25	AD25	38	42	16	6	11.5
KK-28.5	AD28.5	42	42	16	6	11.5
KK-34.5	AD34.5	49	51	16	6	11.5
KK-42.5	AD42.5	57	58	18	6	11.5
KK-54.5	AD54.5	70	73	20	7	12

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外形尺寸 / Overall Dimension



波纹管电缆双锁紧接头
Bellows Cable Double Locking Connector



产品详情 / Product Description

- ◎ 产品结构：可开式三通卡扣锁紧连接。

◎ 产品规格：三通规格数据表示对应的波纹管外径尺寸。

◎ 应用领域，用于波纹管之间的交叉连接，线束分流，波纹管变径连接起到电线使用安全保护作用。
- ◎ Product structure: Open three-way buckle locking connection.

◎ Product specification: Tee specification data indicates the corresponding outer diameter of the bellows.

◎ Application field, used for the cross connection between bellows, harness shunt, bellows reducer connection to play a role in the use of wire safety protection.

技术参数 / Technical Parameter

型号 / 规格 Model/Specification	适配波纹管 Fitting bellows	适配电缆范围 Adapter cable range	螺纹外径 Thread O.D.	螺纹长度 Thread length
AD10 M12	AD10	M12（锁线 Locking wire 3-6.5mm）	12mm	10.4mm
AD13 M12	AD13	M12（锁线 Locking wire 3-6.5mm）	12mm	10.4mm
AD13 M16	AD13	M16（锁线 Locking wire 4-8mm）	16mm	9.9mm
AD15.8 M18	AD15.8	M18（锁线 Locking wire 5-10mm）	18mm	10.6mm
AD18.5 M20S	AD18.5	M20S（锁线 Locking wire 6-12mm）	20mm	10.3mm
AD21.2 M20	AD21.2	M20（锁线 Locking wire 10-14mm）	20mm	10.3mm
AD21.2 M22	AD21.2	M22（锁线 Locking wire 10-14mm）	22mm	11.2mm
AD21.2 M25	AD21.2	M25（锁线 Locking wire 13-18mm）	25mm	11.6mm
AD25 M25	AD25	M25（锁线 Locking wire 13-18mm）	25mm	11.6mm
AD28.5 M25	AD28.5	M25（锁线 Locking wire 13-18mm）	25mm	11.6mm
AD34.5 M32	AD34.5	M32（锁线 Locking wire 18-25mm）	32mm	12.1mm
AD42.5 M40	AD42.5	M40（锁线 Locking wire 24-32mm）	40mm	12.6mm
AD10 PG7	AD10	PG7（锁线 Locking wire 3-6.5mm）	12.5mm	10.4mm
AD13 PG9	AD13	PG9（锁线 Locking wire 4-8mm）	15.2mm	9.9mm
AD15.8 PG11	AD15.8	PG11（锁线 Locking wire 5-10mm）	18.2mm	10.6mm
AD18.5 PG13.5	AD18.5	PG13.5(锁线 Locking wire 6-12mm)	20.2mm	10.3mm
AD21.2 PG16	AD21.2	PG16（锁线 Locking wire 10-14mm）	22.2mm	11.2mm
AD25 PG21	AD25	PG21（锁线 Locking wire 10-14mm）	28.5mm	11.4mm
AD28.5 PG21	AD28.5	PG21(锁线 Locking wire 13-18mm)	28.5mm	11.4mm
AD34.5 PG29	AD34.5	PG29(锁线 Locking wire 18-25mm)	37mm	12.4mm
AD42.5 PG36	AD42.5	PG36（锁线 Locking wire 22-32mm）	47mm	12.6mm

波纹管三通接头
Bellows Tee



产品详情 / Product Description

- ◎ 材料：尼龙 PA

◎ 环境温度：静态：-40℃至 +100℃，短时可达 +120℃，

◎ 动态：-20℃至 +80℃，短时可达 +120℃。

◎ 颜色：黑色

◎ 安装方式：卡接
- ◎ Material: Nylon PA

◎ Ambient temperature: static：-40℃ to +100℃，short time up to +120℃，

◎ Dynamic：-20℃ to +80℃，short time up to +120℃.

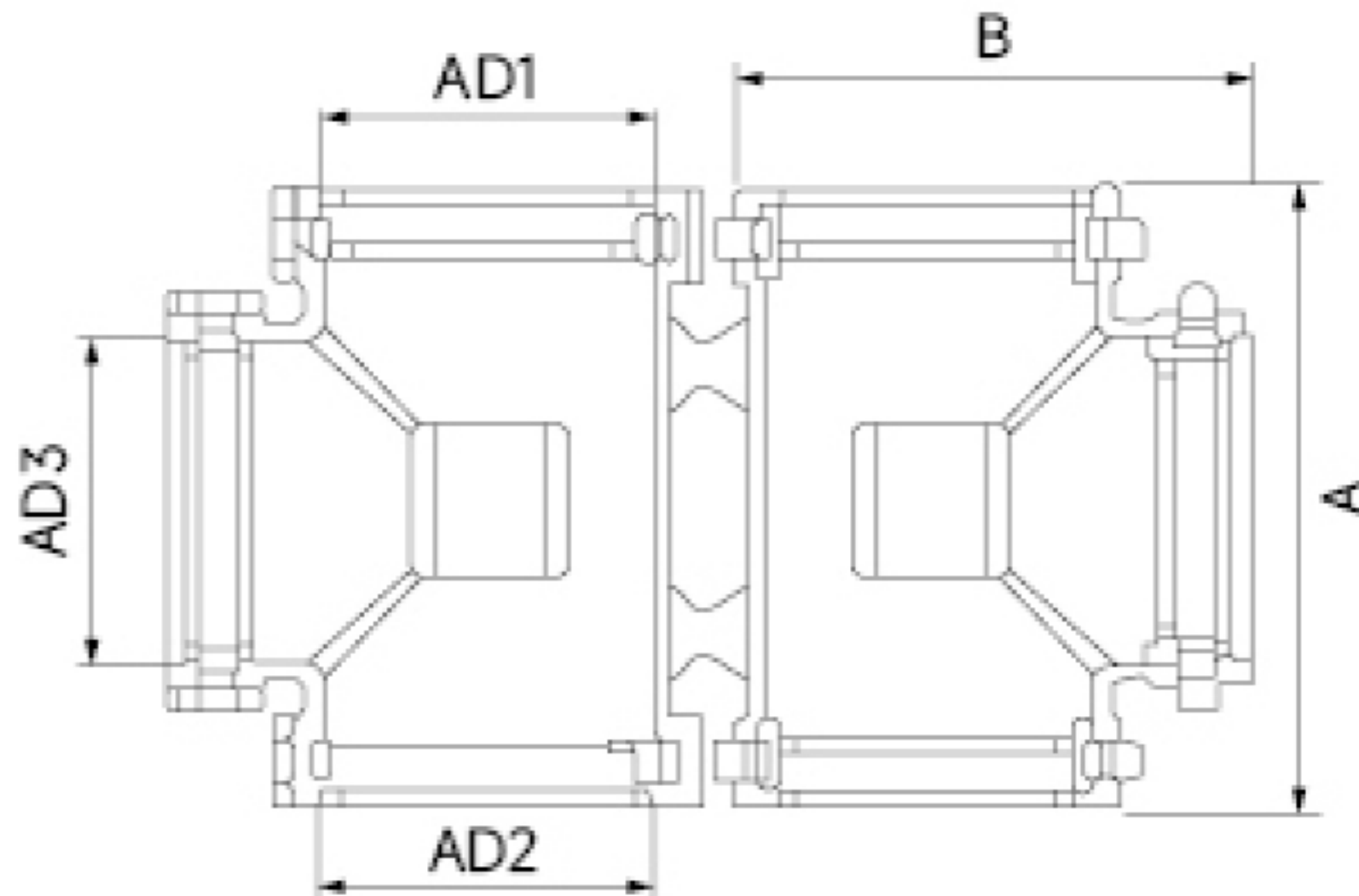
◎ Color: Black

◎ Installation mode: Card connection

技术参数 / Technical Parameter

型号 / 规格 Model/Specification	产品类型	适配波纹管尺寸（波纹管外径） Suitable bellows size (bellows outer diameter)			长度 Length	高度 Altitude
		AD1	AD2	AD3	AMAX (mm)	BMAX (mm)
AD10*3	T 型等径 T-shaped equal diameter	AD10	AD10	AD10	34	25.3
AD13*3		AD13	AD13	AD13	31.2	26.7
AD15.8*3		AD5.8	AD15.8	AD15.8	35	26.7
AD18.5*3		AD18.5	AD18.5	AD18.5	39.1	32.8
AD21.2*3		AD21.2	AD21.2	AD21.2	13.3	36
AD25*3		AD25	AD25	AD25	46.3	39.8
AD28.5*3		AD28.5	AD28.5	AD28.5	49.5	43.2
AD34.5*3		AD34.5	AD34.5	AD34.5	56.2	47
AD21.2*AD21.2*AD13		AD21.2	AD21.2	AD13	43.7	37.2
AD21.2*AD21.2*AD15.8	T 型等径 T-shaped equal diameter	AD21.2	AD21.2	AD15.8	34.3	35
AD34.5*AD34.5*AD21.2		AD34.5	AD34.5	AD21.2	51.2	47
AD21.2*AD21.2*AD10	Y 型等径 Y-shaped equal diameter	AD21.2	AD21.2	AD10	31	34.5
AD21.2*AD21.2*AD13		AD21.2	AD21.2	AD13	60.5	46

外形尺寸 / Overall Dimension



波纹管法兰盘底座

Bellows Flange Base



产品详情 / Product Description

- ◎ 材料：尼龙 PA

◎ 环境温度：静态：-40℃至 +100℃，短时可达 +120℃，

◎ 动态：-20℃至 +80℃，短时可达 +120℃。

◎ 颜色：黑色

◎ 安装方式：卡接，螺纹固定
- ◎ Material: Nylon PA

◎ Ambient temperature: static：-40 ℃ to +100 ℃，short time up to +120℃，

◎ Dynamic：-20℃ to +80℃，short time up to +120℃.

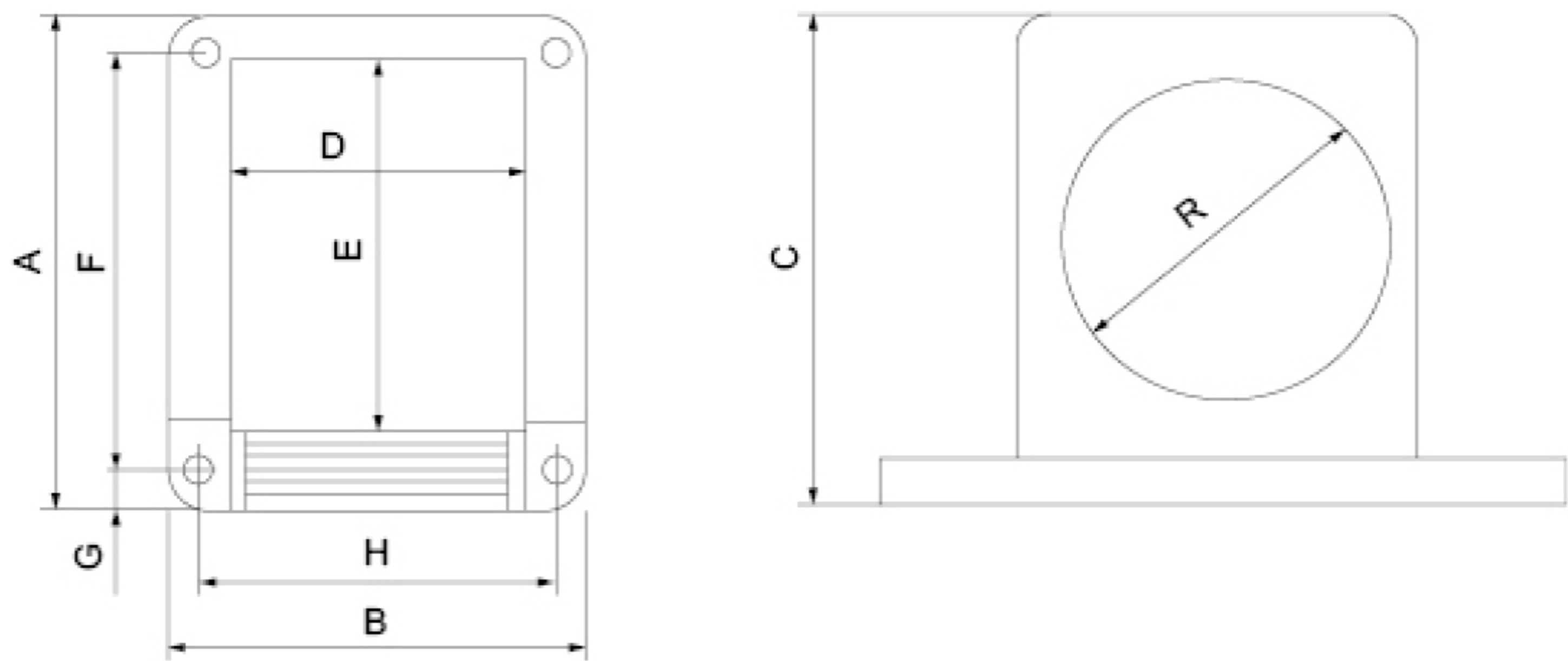
◎ Color: Black

◎ Installation method: clamp, screw thread fixed

技术参数 / Technical Parameter

型号 Model	对应软管 Corresponding hose	A	B	D	E	F	H	G	Φ	C	R
AD15.8/D11	AD15.8	49	47	22	26	34	38.5	6	4	35	14
AD18.5/D13.5	AD18.5	49	47	22	26	34	38.5	6	4	35	16.5
AD21.2/D16	AD21.2	49	47	22	26	34	38.5	6	4	35	18
AD25/D19	AD25	67	65	30	43	41	52	8	6	45	22
AD28.5/D21	AD28.5	67	65	30	43	41	52	8	6	45	24
AD34.5/D29	AD34.5	90	78	40	67.5	65.5	65.5	9	6.5	55	30.5
AD42.5/D36	AD42.5	100	94	54	75	80.5	80.5	10	6.5	64	38.5
AD54.5/D48	AD54.5	116	101	69	90	88.5	88.5	12	6.5	75	50

外形尺寸 / Overall Dimension



塑料扣塞

Plastic Buckle



产品详情 / Product Description

- ◎ 材料：尼龙 PA

◎ 特点：安装方便、耐磨实用

◎ 安装方式：卡接，螺纹固定

◎ 用途：用于箱体出线孔，保护电缆及管线不被箱体割伤，并且起到固定及绝缘作用，直接安装，无需重新布线
- ◎ Material: Nylon PA

◎ Features: easy to install, wear and practical

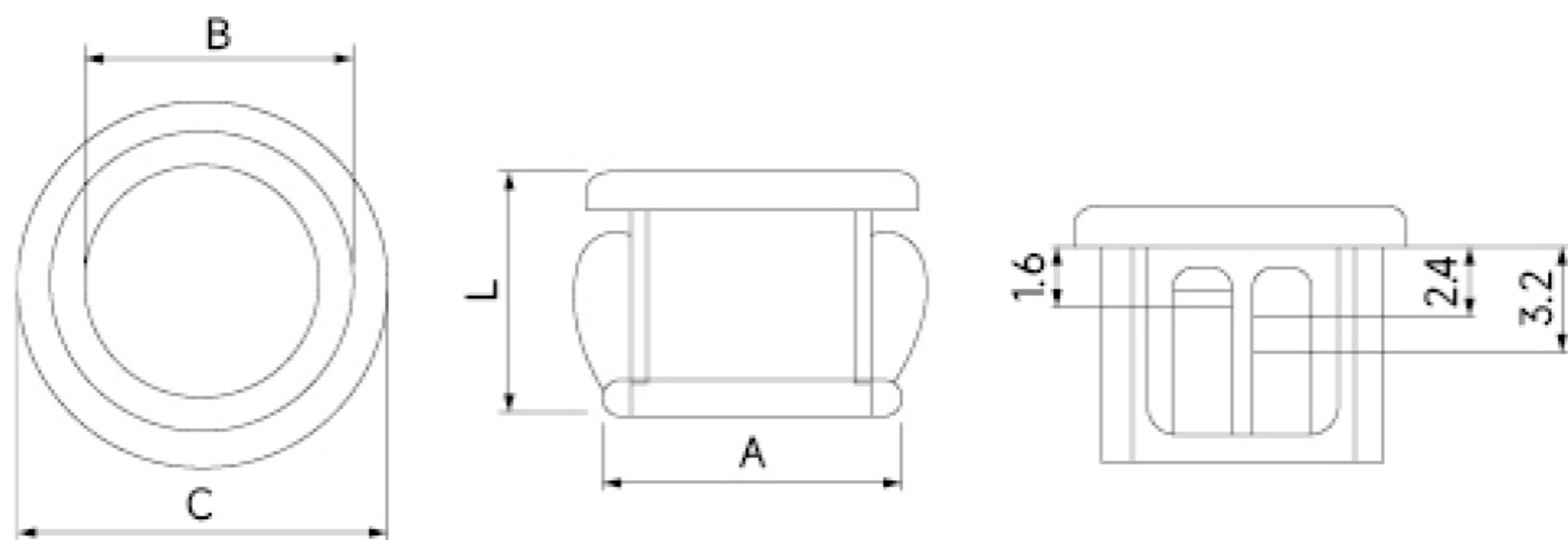
◎ Installation method: clamp, screw thread fixed

◎ Uses: Used for the box outlet hole, protect cables and pipelines from being cut by the box, and play a fixed and insulating role, direct installation, no need to rewire

技术参数 / Technical Parameter

型号 Model	基板孔径 Substrate aperture A	最大出线孔 Maximum cable outlet hole B	覆盖 Cover C	高度 Height L	每包个数 Number per packet
SB-8	8	5.5	10.6	8.1	500
SB-10	10	6.3	12	10.6	500
SB-11	11	8.4	13.6	10.1	500
SB-12	12	8.8	14.9	10.7	500
SB-13	13	10	16.4	10.5	500
SB-14	14	10.2	16.9	10.5	500
SB-15	15	11.7	18.1	10.6	200
SB-16	16	12.3	18.5	10.6	200
SB-18	18	13.4	21.3	11.2	200
SB-19	19	14.7	22.2	10.7	200
SB-20	20	15.5	23.2	11	200
SB-22	22	17.5	24.9	11.5	200
SB-25	25	20	28	11.7	200
SB-30	30	23.8	33.6	11.4	100
SB-35	35	29.2	38.4	11.7	100
SB-38	38	34.75	41.8	11.5	100
SB-40	40	35	44.3	11.5	100
SB-45	45	36.8	49	11.4	100
SB-50	50	41.2	53	11.5	100
SB-60	60	53.5	64	11.8	50

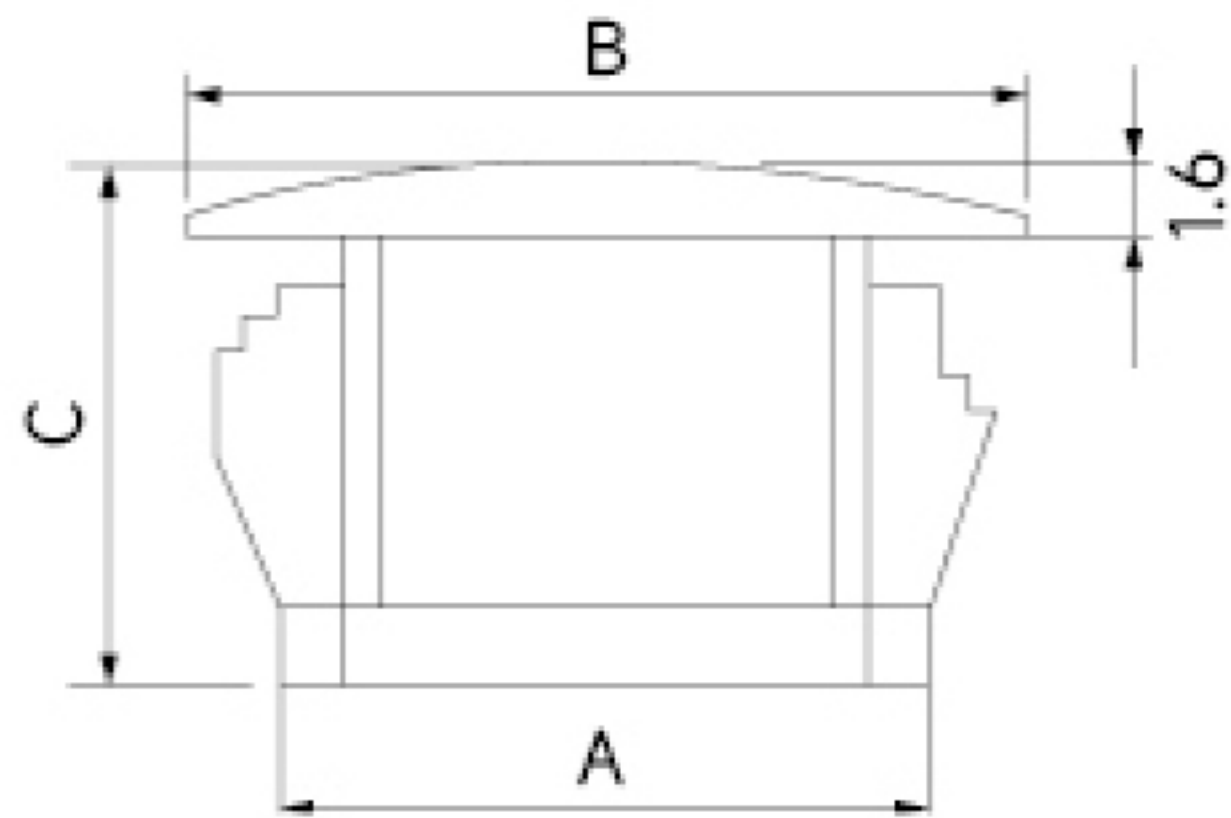
外形尺寸 / Overall Dimension



技术参数 / Technical Parameter

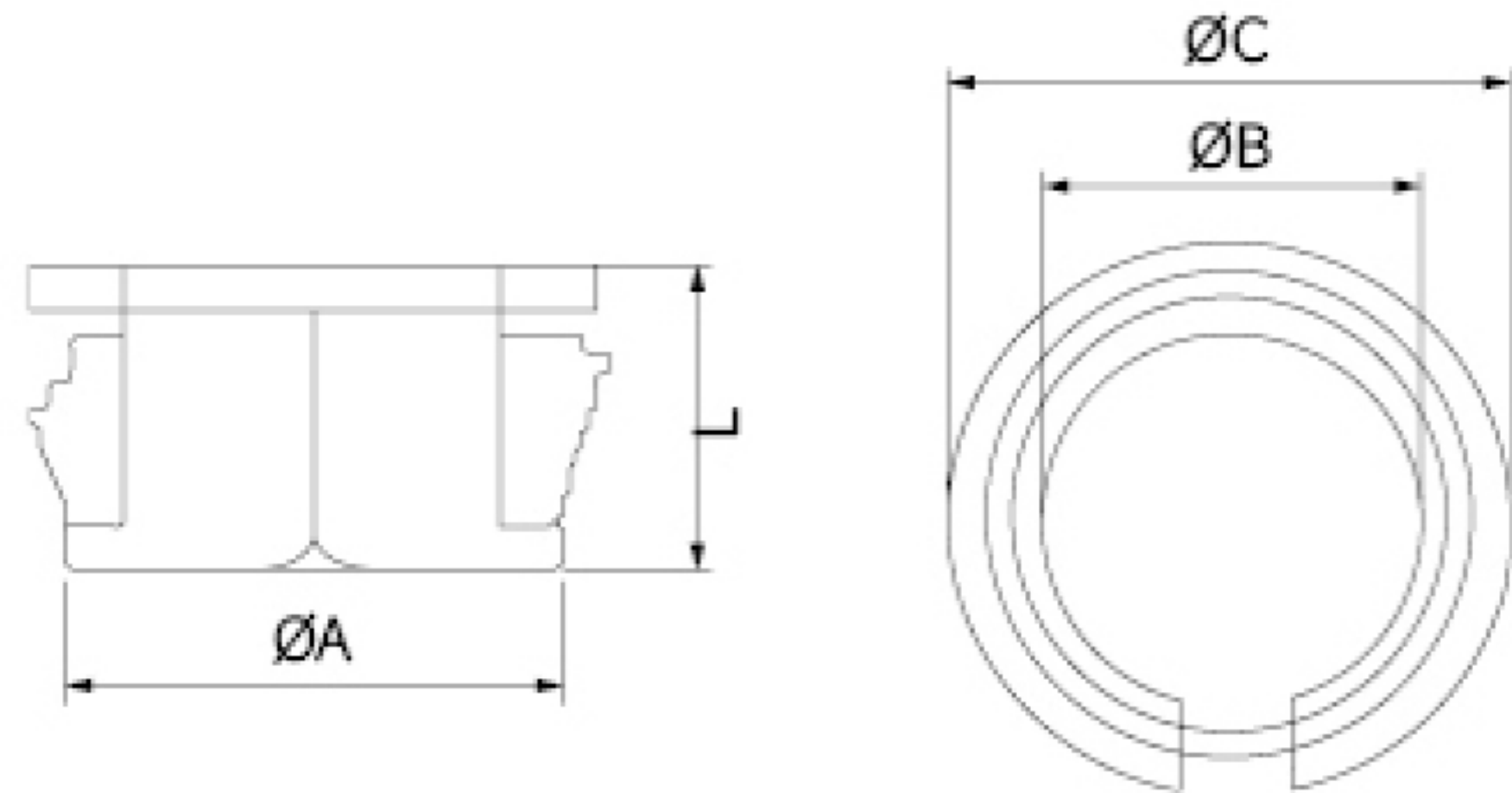
型号 Model	直径 Diameter A	钻孔范围 Borehole range	覆盖 Cover B	高度 Height C
HP-5	4.65	4.7~5	6.6	5.7
HP-6	5.7	5.9~6	7.7	5.7
HP-8	7.8	7.9~8.1	10.9	8.1
HP-10	9.5	9.7~11.1	13.3	10.7
HP-11	10.8	10.8~11.5	13.8	10.5
HP-12	11.9	11.9~13	15	10.7
HP-13	12.5	12.8~13.5	17	10.5
HP-14	13	13.8~15.2	18	10.6
HP-16	15.7	15.8~17	19.7	10.9
HP-18	17.8	17.8~19	21.7	10.8
HP-19	18.7	18.9~19.5	23.2	10.7
HP-20	19.8	19.8~21	23.8	11
HP-22	21.5	21.5~22	25.3	11.6
HP-25	24.5	24.7~25.5	28.5	12
HP-26	25.6	25.6~27	29	11.5
HP-30	29.6	29.7~30.5	34.5	11.8
HP-35	34.5	34.5~36	38.5	11.2
HP-38	37.6	37.7~38.3	41.7	11.4
HP-40	39.4	39.4~40.5	45.1	11
HP-45	43.7	43.7~45.5	49.7	11.5
HP-50	48.9	49~50.5	55	11.5
HP-60	58.8	59.5~61.9	64.8	11
HP-70	68.5	68.5~70.5	74	11
HP-75	73.5	74~75.5	79.5	11

外形尺寸 / Overall Dimension



型号 Model	直径 Diameter A	开口范围 Opening range	最大孔径 Maximum aperture B	覆盖 Cover C	高度 Height L	包装 (只 / 包) Packaging (only/bag)
OSB-10	8.7	8.1~10.35	6.6	12	9.55	500
OSB-13	12.68	12.68~14.15	10	15.71	10.37	500
OSB-16	15.62	15.12~16.77	11.91	18.63	10.42	200
OSB-19	18.72	18.22~20.16	13.12	21.81	10.35	200
OSB-22	21.39	20.89~22.96	16.62	24.72	10.35	200
OSB-26	25	25~26.4	21	28.5	11.3	200

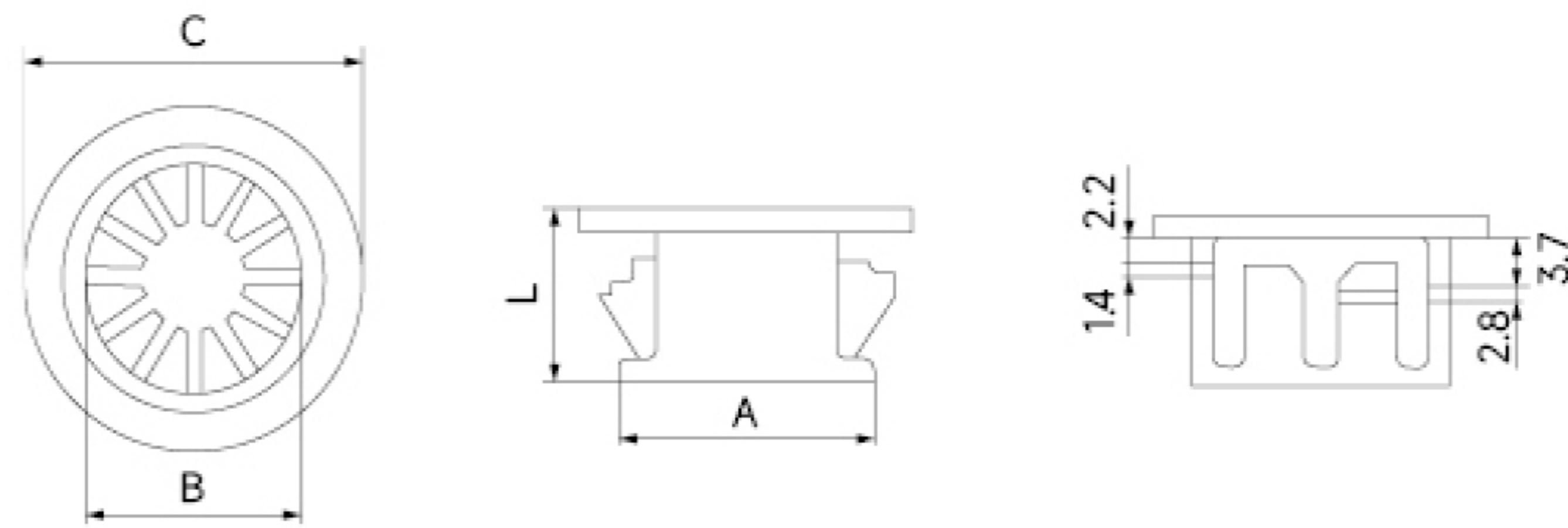
外形尺寸 / Overall Dimension



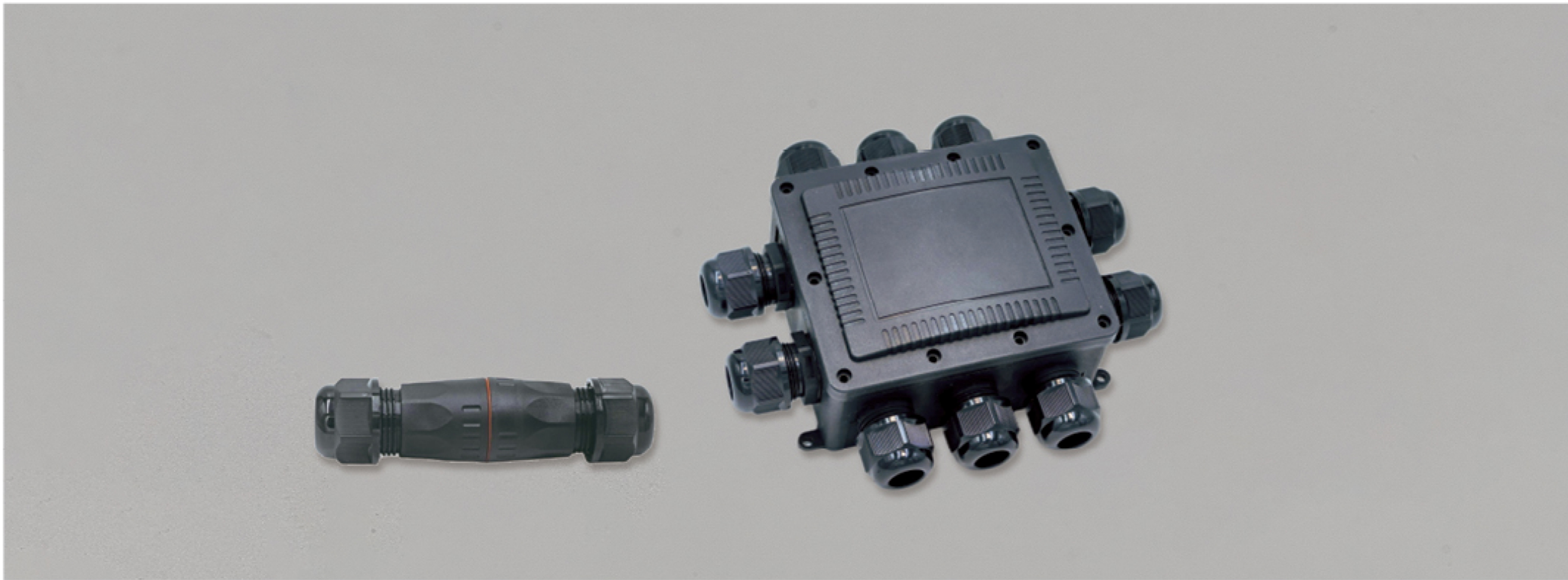
技术参数 / Technical Parameter

型号 Model	直径 Diameter A	钻孔范围 Borehole range	覆盖 Cover B	高度 Height C
RSB-16	4.65	4.7~5	6.6	5.7
RSB-19	5.7	5.9~6	7.7	5.7
RSB-21	7.8	7.9~8.1	10.9	8.1
RSB-22	9.5	9.7~11.1	13.3	10.7
RSB-25	10.8	10.8~11.5	13.8	10.5
RSB-28	11.9	11.9~13	15	10.7
RSB-30	12.5	12.8~13.5	17	10.5
RSB-32	13	13.8~15.2	18	10.6
RSB-35	15.7	15.8~17	19.7	10.9
RSB-38	17.8	17.8~19	21.7	10.8
RSB-40	18.7	18.9~19.5	23.2	10.7
RSB-45	19.8	19.8~21	23.8	11
RSB-50	21.5	21.5~22	25.3	11.6
RSB-60	24.5	24.7~25.5	28.5	12
RSB-70	25.6	25.6~27	29	11.5
RSB-75	73.5	74~75.5	79.5	11

外形尺寸 / Overall Dimension



防水连接器 & 防水盒
Waterproof Connector & Waterproof Box



防水连接器技术参数 / Waterproof Connector Technical Parameter



型号 Model	ZYN09-2P
电流 Current	≤ 32A
电压 Voltage	250V
IP 等级 IP Grade	IP68
工作温度 Working	-40℃ ~+95℃
线径 Outer Cable Dia	5-10mm(M20)
软线接线范围 Wire Section	0.5mm²-2.5mm²
硬线接线范围 Wire Section	0.5mm²-4mm²
材质 Housing Material	PA66
触点 Contact Material	紫铜 Red Copper



型号 Model	ZYN10-3P
电流 Current	≤ 32A
电压 Voltage	250V
IP 等级 IP Grade	IP68
工作温度 Working	-40℃ ~+95℃
线径 Outer Cable Dia	6-14mm(M25)
软线接线范围 Wire Section	0.5mm²-2.5mm²
硬线接线范围 Wire Section	0.5mm²-4mm²
材质 Housing Material	PA66
触点 Contact Material	紫铜 Red Copper



型号 Model	ZYN11-2 二芯、ZYN11-3 三芯、ZYN11-4 四芯
电流 Current	≤ 24A
电压 Voltage	450V
IP 等级 IP Grade	IP68
工作温度 Working	-40℃ ~+95℃
线径 Outer Cable Dia	5-10mm(M20)
软线接线范围 Wire Section	0.5mm²-2.5mm²
硬线接线范围 Wire Section	0.5mm²-4mm²
材质 Housing Material	PA66
触点 Contact Material	紫铜 Red Copper

型号 Model	ZYN11-2 二芯、ZYN11-3 三芯、ZYN11-4 四芯、ZYN11-5 五芯
电流 Current	≤ 24A
电压 Voltage	450V
IP 等级 IP Grade	IP68
工作温度 Working	-40℃ ~+95℃
线径 Outer Cable Dia	6-14mm(M25)
软线接线范围 Wire Section	0.5mm²-2.5mm²
硬线接线范围 Wire Section	0.5mm²-4mm²
材质 Housing Material	PA66
触点 Contact Material	紫铜 Red Copper

型号 Model	ZYN13-3P
电流 Current	≤ 32A
电压 Voltage	250V
IP 等级 IP Grade	IP68
工作温度 Working	-40℃ ~+95℃
线径 Outer Cable Dia	6-14mm(M25)
软线接线范围 Wire Section	0.5mm²-2.5mm²
硬线接线范围 Wire Section	0.5mm²-4mm²
材质 Housing Material	PA66
触点 Contact Material	紫铜 Red Copper

型号 Model	ZYN15-3 三芯、ZYN15-4 四芯、ZYN15-5 五芯
电流 Current	≤ 24A
电压 Voltage	250V
IP 等级 IP Grade	IP68
工作温度 Working	-40℃ ~+95℃
线径 Outer Cable Dia	6-14mm(M25)
软线接线范围 Wire Section	0.5mm²-2.5mm²
硬线接线范围 Wire Section	0.5mm²-4mm²
材质 Housing Material	PA66
触点 Contact Material	紫铜 Red Copper

防水连接器技术参数 / Waterproof Connector Technical Parameter



型号 Model	ZYN16-2P
电流 Current	≤ 32A
电压 Voltage	250V
IP 等级 IP Grade	IP68
工作温度 Working	-40℃ ~+95℃
线径 Outer Cable Dia	6-14mm(M25)
软线接线范围 Wire Section	0.5mm ² -2.5mm ²
硬线接线范围 Wire Section	0.5mm ² -4mm ²
材质 Housing Material	PA66
触点 Contact Material	紫铜 Red Copper



型号 Model	ZYT3-3P
电流 Current	≤ 32A
电压 Voltage	250V
IP 等级 IP Grade	IP68
工作温度 Working	-40℃ ~+95℃
线径 Outer Cable Dia	6-14mm(M25)
软线接线范围 Wire Section	0.5mm ² -2.5mm ²
硬线接线范围 Wire Section	0.5mm ² -4mm ²
材质 Housing Material	PA66
触点 Contact Material	紫铜 Red Copper



型号 Model	ZYN14-2 二芯、ZYN14-3 三芯、ZYN14-4 四芯
电流 Current	≤ 24A
电压 Voltage	250V
IP 等级 IP Grade	IP68
工作温度 Working	-40℃ ~+95℃
线径 Outer Cable Dia	5-10mm(M20)
软线接线范围 Wire Section	0.5mm ² -1.5mm ²
硬线接线范围 Wire Section	0.5mm ² -2.5mm ²
材质 Housing Material	PA66
触点 Contact Material	紫铜 Red Copper



型号 Model	ZYY1-2 二芯、ZYY1-3 三芯、ZYY1-4 四芯 ZYY1-5 五芯
电流 Current	≤ 24A
电压 Voltage	450V
IP 等级 IP Grade	IP68
工作温度 Working	-40℃ ~+95℃
线径 Outer Cable Dia	6-14mm(M25)
软线接线范围 Wire Section	0.5mm ² -2.5mm ²
硬线接线范围 Wire Section	0.5mm ² -4mm ²
材质 Housing Material	PA66
触点 Contact Material	紫铜 Red Copper

防水连接器技术参数 / Waterproof Connector Technical Parameter



型号 Model	ZYY2-3P
电流 Current	≤ 32A
电压 Voltage	250V
IP 等级 IP Grade	IP68
工作温度 Working	-40℃ ~+95℃
线径 Outer Cable Dia	6-14mm(M25)
软线接线范围 Wire Section	0.5mm ² -2.5mm ²
硬线接线范围 Wire Section	0.5mm ² -4mm ²
材质 Housing Material	PA66
触点 Contact Material	紫铜 Red Copper



型号 Model	ZYY2-3 二芯、ZYY2-3 三芯
电流 Current	≤ 24A
电压 Voltage	250V
IP 等级 IP Grade	IP68
工作温度 Working	-40℃ ~+95℃
线径 Outer Cable Dia	6-14mm(M25)
软线接线范围 Wire Section	0.5mm ² -2.5mm ²
硬线接线范围 Wire Section	0.5mm ² -4mm ²
材质 Housing Material	PA66
触点 Contact Material	紫铜 Red Copper



型号 Model	ZYT1-2 二芯、ZYT1-3 三芯
电流 Current	≤ 24A
电压 Voltage	450V
IP 等级 IP Grade	IP68
工作温度 Working	-40℃ ~+95℃
线径 Outer Cable Dia	5-10mm(M20)
软线接线范围 Wire Section	0.5mm ² -1.5mm ²
硬线接线范围 Wire Section	0.5mm ² -2.5mm ²
材质 Housing Material	PA66
触点 Contact Material	紫铜 Red Copper



型号 Model	ZYT2-2 二芯、ZYT2-3 三芯、ZYT2-4 四芯 ZYT2-5 五芯
电流 Current	≤ 24A
电压 Voltage	450V
IP 等级 IP Grade	IP68
工作温度 Working	-40℃ ~+95℃
线径 Outer Cable Dia	6-14mm(M25)
软线接线范围 Wire Section	0.5mm ² -2.5mm ²
硬线接线范围 Wire Section	0.5mm ² -4mm ²
材质 Housing Material	PA66
触点 Contact Material	紫铜 Red Copper

防水连接器技术参数 / Waterproof Connector Technical Parameter



型号 Model	ZYT3-3P
电流 Current	≤ 32A
电压 Voltage	250V
IP 等级 IP Grade	IP68
工作温度 Working	-40℃ ~+95℃
线径 Outer Cable Dia	6-14mm(M25)
软线接线范围 Wire Section	0.5mm ² -2.5mm ²
硬线接线范围 Wire Section	0.5mm ² -4mm ²
材质 Housing Material	PA66
触点 Contact Material	紫铜 Red Copper



型号 Model	ZYT4-2 二芯、ZYT4-3 三芯
电流 Current	≤ 32A
电压 Voltage	250V
IP 等级 IP Grade	IP68
工作温度 Working	-40℃ ~+95℃
线径 Outer Cable Dia	6-14mm(M25)
软线接线范围 Wire Section	0.5mm ² -2.5mm ²
硬线接线范围 Wire Section	0.5mm ² -4mm ²
材质 Housing Material	PA66
触点 Contact Material	紫铜 Red Copper



型号 Model	ZYCS-2 二芯、ZYCS-3 三芯
电流 Current	≤ 24A
电压 Voltage	450V
IP 等级 IP Grade	IP68
工作温度 Working	-40℃ ~+95℃
线径 Outer Cable Dia	6-14mm(M25)
软线接线范围 Wire Section	0.5mm ² -1.5mm ²
硬线接线范围 Wire Section	0.5mm ² -2.5mm ²
材质 Housing Material	PA66
触点 Contact Material	紫铜 Red Copper



型号 Model	ZYY1-2 二芯、ZYY1-3 三芯、ZYY1-4 四芯、ZYY1-5 五芯
电流 Current	IP68
工作温度 Working	-40℃ ~+95℃
线径 Outer Cable Dia	4-8mm(M20)
适用 Suitable	Cat5e and Cat6 Cable
材质 Housing Material	PA66
触点 Contact Material	磷青铜 Phosphor Bronze

防水连接器技术参数 / Waterproof Connector Technical Parameter



型号 Model	M16X1.5
电流 Current	17.5A
电压 Voltage	250V
IP 等级 IP Grade	IP68
工作温度 Working	-40℃ ~+105℃
O 型圈材质 O-ring material	硅胶 Silica gel
适用线平方数 Number of squares of applicable lines	0.5-1.5mm ²
导体材质 Conductor material	59-1 黄铜镀镍 59-1 Brass nickel plated
材质 Housing Material	PA66
阻燃等级 Flame retardant rating	UL-94V0
产品重量 Product weight	18.4 克 / 个 每包数量 20 Pcs 一包重量 371 克 18.4g/each pack quantity 20Pcs a pack weight 371g



型号 Model	M20X1.5
电流 Current	16A
电压 Voltage	250V
IP 等级 IP Grade	IP68
工作温度 Working	-40℃ ~+105℃
O 型圈材质 O-ring material	硅胶 Silica gel
适用线平方数 Number of squares of applicable lines	0.5-2.5mm ²
导体材质 Conductor material	59-1 黄铜镀镍 +304 不锈钢 59-1 Brass nickel plated +304 stainless steel
材质 Housing Material	PA66
阻燃等级 Flame retardant rating	UL-94V0
产品重量 Product weight	27.7 克 / 个 每包数量 20 Pcs 一包重量 555 克 27.7g/each pack quantity 20Pcs a pack weight 555g



型号 Model	M25X1.5
电流 Current	16A
电压 Voltage	250V
IP 等级 IP Grade	IP68
工作温度 Working	-40℃ ~+105℃
O 型圈材质 O-ring material	硅胶 Silica gel
适用线平方数 Number of squares of applicable lines	0.5-2.5mm ²
导体材质 Conductor material	59-1 黄铜镀镍 +304 不锈钢 59-1 Brass nickel plated +304 stainless steel
材质 Housing Material	PA66
阻燃等级 Flame retardant rating	UL-94V0
产品重量 Product weight	44.5 克 / 个 每包数量 20 Pcs 一包重量 891 克 44.5g/each pack quantity 20Pcs a pack weight 891g

防水盒技术参数 / Waterproof Box Technical Parameter



M686-2



M686-3



M686-4A



M686-4B



M686-5



M686-6

型号 Model	M686
外线直径 Outer Cable Diameter	M20: 5-7mm, 7-12mm M16: 5-10mm
电压 Voltage	450V
电流 Current	24A
环境温度 Temperature Rating	-40°C ~+105°C
防水等级 IP Grade	IP68
外壳材质 Material	PA66
线平方数 Wire Section	0.5mm ² -6mm ²

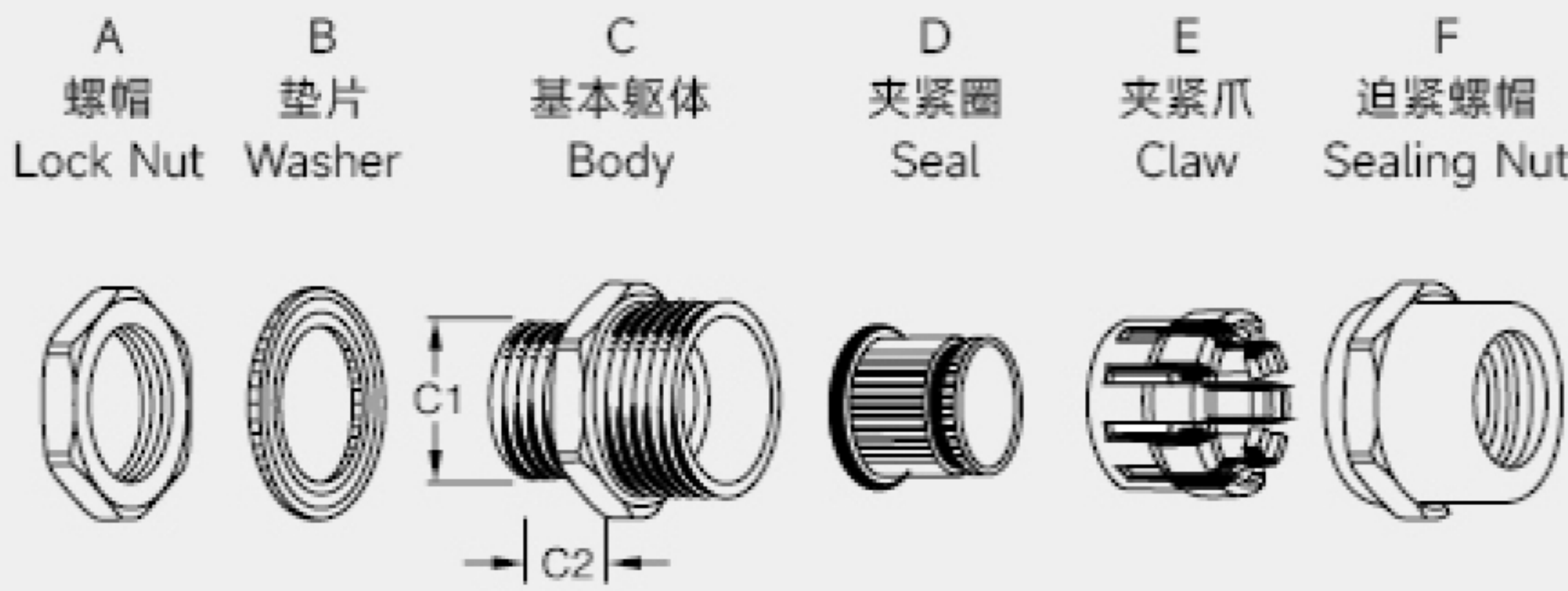
型号 Model	M686XL-4
外线直径 Outer Cable Diameter	M25: 6-14mm
电压 Voltage	450V
电流 Current	16A
环境温度 Temperature Rating	-40°C ~+105°C
防水等级 IP Grade	IP68
外壳材质 Material	PA66
线平方数 Wire Section	0.5mm ² -6mm ²

型号 Model	M686XL-10
外线直径 Outer Cable Diameter	M25: 6-14mm
电压 Voltage	450V
电流 Current	24A
环境温度 Temperature Rating	-40°C ~+105°C
防水等级 IP Grade	IP68
外壳材质 Material	PA66
线平方数 Wire Section	0.5mm ² -6mm ²



PG 型金属电缆接头 (304)

304 Metal Cable Glands(PG-Type)



产品详情 / Product Description

- ◎ 螺牙规格: PG 牙 (DIN 40430)。 如需其它牙规尺寸可接受订制。
- ◎ 产品材质: A.C.F 部份以高级铜合金镀镍制成 (JIS C3604 / DIN CuZn39Pb3 / ASTM C37800), E 部份以 UL 认可之尼龙 PA66 製成,
- ◎ B 及 D 部份采用标准 EPDM 户外耐候橡胶, 客户亦可指定选择 NBR 机械耐油橡胶。(其他用途橡胶可接受订制)
- ◎ 防水等级: IP68 -5 bar.
- ◎ 工作温度: -40°C 至 105°C (-40° F 至 221° F); 短时间可达 160°C (320° F)。
- ◎ 产品特性: 对于机械耐冲击的要求、或长年户外的曝晒与其它严苛的环境下, 本款铜制电缆固定头便具有其高安全性与稳定度的特色。镀镍的材质能抗盐水、耐酸硷、耐化学与抗腐蚀, 其精密高级的外型设计, 亦有著美观装饰的效果。在内在方面, 其采用特殊的 A 型夹紧密封技术, 使得电线固定抗拉力性特强, 气密性完美, 并可持续性沉水 50 公尺。全方位的产品模具尺寸可达到巨大的 PG63, 能广泛地应用于机器、自动控制、电气、供电、网路、连接器、电信或通讯、LED 照明与数位显示、监视器、太阳能配线、交通号志、侦测与测量仪器等设备的进出线或连接器的防护领域上, 从微型的仪器到大型的供电设备, 扎实地提供防水 IP68 与固定抗拉的最佳技术与良器。

- ◎ Thread Type:PG, according to DIN 40430.
- ◎ Material Data:Brass nickel-plated (JIS C3604 / DIN CuZn39Pb3 / ASTM C37800) for A.C.F parts ; Nylon PA 66 for E part.
- ◎ Weather-Resistant EPDM rubbers for B.D parts. (NBR rubber is optional for oil-resistance applications)
- ◎ IP Protection :IP68 - 5 bar.
- ◎ Working Temp:- 40 °C to 105 °C (- 40 ° F to 221 ° F). Short-Term to 160 °C (320 ° F).
- ◎ Application:The robust & shiny plated brass cable gland with unique clamping design provides outstanding strain relief power & watertight performance over the entire cable range from the widest variety of bodies & sealing inserts. The high quality nickel-plated brass glands are considered the best cost / performance ratio for the metal-made cable entry systems to provide the excellent mechanical properties in anti corrosion, weather resistance, flame protection and high impact durability for outdoor / indoor cord-grip applications on electrical and electronics technologies, machines, telecommunications, wireless networking ODUs, power supplies, switches, junction boxes, solar PV modules, inverters, lightings, displays, traffics, signals, surveillance cameras, measurings, sensors and any kind of equipment.

技术参数 / Technical Parameter

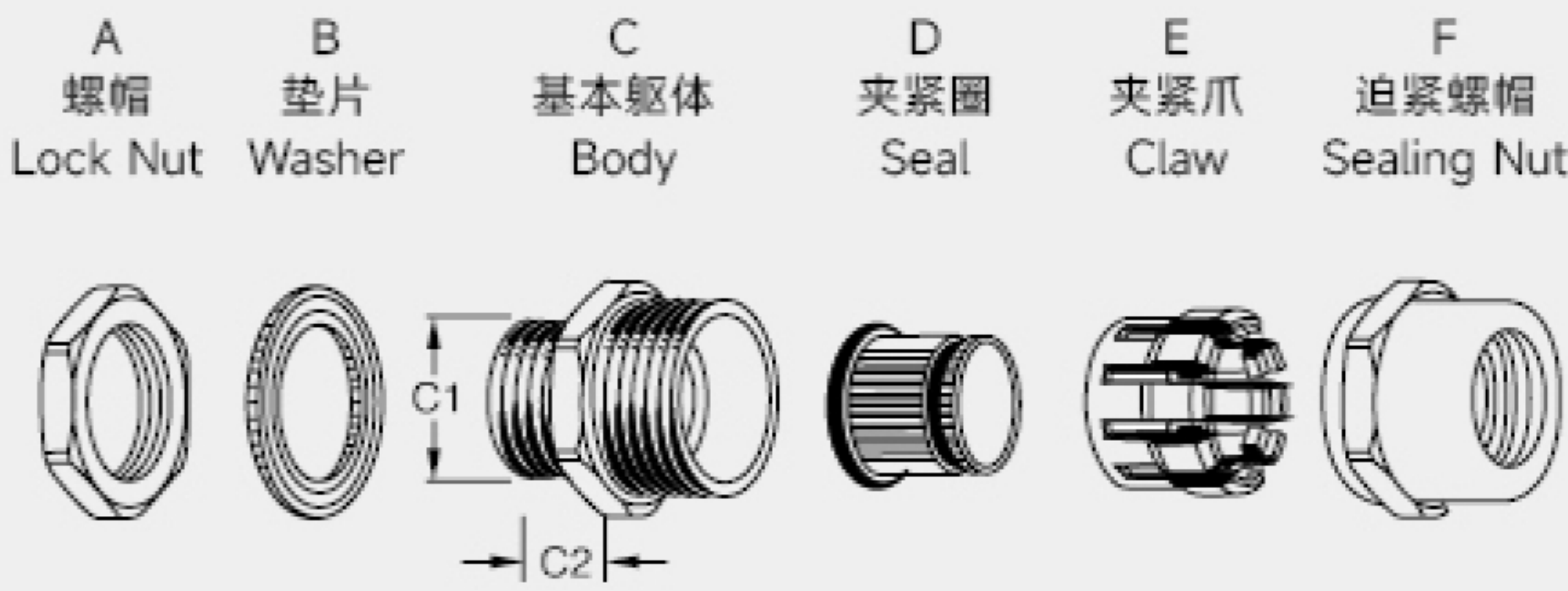
产品规格 Thread	产品编号 Item.No,	适用电缆 Applicable cable		螺纹外径 Thread O.D.(mm)	螺纹长度 Thread length(mm)	扳手直径 Wrench size	开孔直径 Opening diameter
		最小 Min(mm)	最大 Max(mm)				
PG7	BN-B-PG7-05	2	5	12.5	7	14/14	12.5~12.8
PG7	BN-B-PG7-6.5	3	6.5	12.5	7	14/14	12.5~12.8
PG9	BN-B-PG9-6.5	3	6.5	15.2	8	17/17	15.2~15.5
PG9	BN-B-PG9-08	4	8	15.2	8	17/17	15.2~15.5
PG11	BN-B-PG11-08	4	8	18.6	8	20/20	18.6~18.9
PG11	BN-B-PG11-10	5	10	18.6	8	20/20	18.6~18.9
PG13.5	BN-B-PG13.5-10	5	10	20.4	8	22/22	20.4~20.7
PG13.5	BN-B-PG13.5-12	7	12	20.4	8	22/22	20.4~20.7
PG16	BN-B-PG16-12	7	12	22.5	9	24/24	22.5~22.8
PG16	BN-B-PG16-14	10	14	22.5	9	24/24	22.5~22.8
PG21	BN-B-PG21-14	10	14	28.3	9	30/30	28.3~28.7
PG21	BN-B-PG21-18	13	18	28.3	9	30/30	28.3~28.7
PG29	BN-B-PG29-18	13	18	37	11	40/40	37~37.4
PG29	BN-B-PG29-25	18	25	37	11	40/40	37~37.4
PG36	BN-B-PG36-25	18	25	47	12	50/50	47~47.4
PG36	BN-B-PG36-32	24	32	47	12	50/50	47~47.4
PG42	BN-B-PG42-32	24	32	54	13	57/57	54~54.4
PG42	BN-B-PG42-38	32	38	54	13	57/57	54~54.4
PG48	BN-B-PG48-38	32	38	59.3	14	64/64	59.3~59.7
PG48	BN-B-PG48-44	38	44	59.3	14	64/64	59.3~59.7
PG63	BN-B-PG63-52	42	52	72	15	77/77	72~72.4

本目录产品之规格与尺寸可能因任何因素而更改, 恕不另行通知。
Dimensions and specifications may be changed without prior notice.



M 型金属电缆接头 (304)

304 Metal Cable Glands(M-Type)



产品详情 / Product Description

- ◎ 螺牙规格：公制牙（ISO Metric / EN60423）。如需其它牙规尺寸可接受订制。
- ◎ 产品材质：A.C.F 部份以高级铜合金电镀制成（JIS C3604 / DIN CuZn39Pb3 / ASTM C37800），E 部份以 UL 认可之尼龙 PA66 製成，B 及 D 部份采用标准 EPDM 户外耐候橡胶，客户亦可指定选择 NBR 机械耐油橡胶。（其他用途橡胶可接受订制）
- ◎ 防水等级：IP68 -5 bar.
- ◎ 工作温度：-40℃ 至 105℃（-40° F 至 221° F）；短时间可达 160℃（320° F）。
- ◎ 产品特性：对于机械耐冲击的要求、或长年户外的曝晒与其它严苛的环境下，本款铜制电缆固定头便具有其高安全性与稳定度的特色。电镀的材质能抗盐水、耐酸硷、耐化学与抗腐蚀，其精密高级的外型设计，亦有著美观装饰的效果。在内在方面，其采用特殊的 A 型夹紧密封技术，使得电线固定抗拉力性特强，气密性完美，并可持续性沉水 50 公尺。全方位的产品模具尺寸可达到巨大型的 M100，能广泛地应用于机器、自动控制、电气、供电、网路、连接器、电信或通讯、LED 照明与数位显示、监视器、太阳能配线、交通号志、侦测与测量仪器等设备的进出线或连接器的防护领域上，从微型的仪器到大型的供电设备，扎实地提供防水 IP68 与固定抗拉的最佳技术与良器。

- ◎ Thread Type:Metric, according to EN60423.
- ◎ Material Data:Brass nickel-plated（JIS C3604 / DIN CuZn39Pb3 / ASTM C37800）for A.C.F parts；Nylon PA 66 for E part. Weather-Resistant EPDM rubbers for B.D parts.（NBR rubber is optional for oil-resistance applications）
- ◎ IP Protection :IP68 - 5 bar.
- ◎ Working Temp:- 40 °C to 105 °C（- 40 ° F to 221 ° F）. Short-Term to 160 °C（320 ° F）.
- ◎ Application:The robust & shiny plated brass cable gland with unique clamping design provides outstanding strain relief power & watertight performance over the entire cable range from the widest variety of bodies & sealing inserts. The high quality nickel-plated brass glands are considered the best cost / performance ratio for the metal-made cable entry systems to provide the excellent mechanical properties in anti corrosion, weather resistance, flame protection and high impact durability for outdoor / indoor cord-grip applications on electrical and electronics technologies, machines, telecommunications, wireless networking ODUs, power supplies, switches, junction boxes, solar PV modules, inverters, lightings, displays, traffics, signals, surveillance cameras, measurings, sensors and any kind of equipment.

技术参数 / Technical Parameter

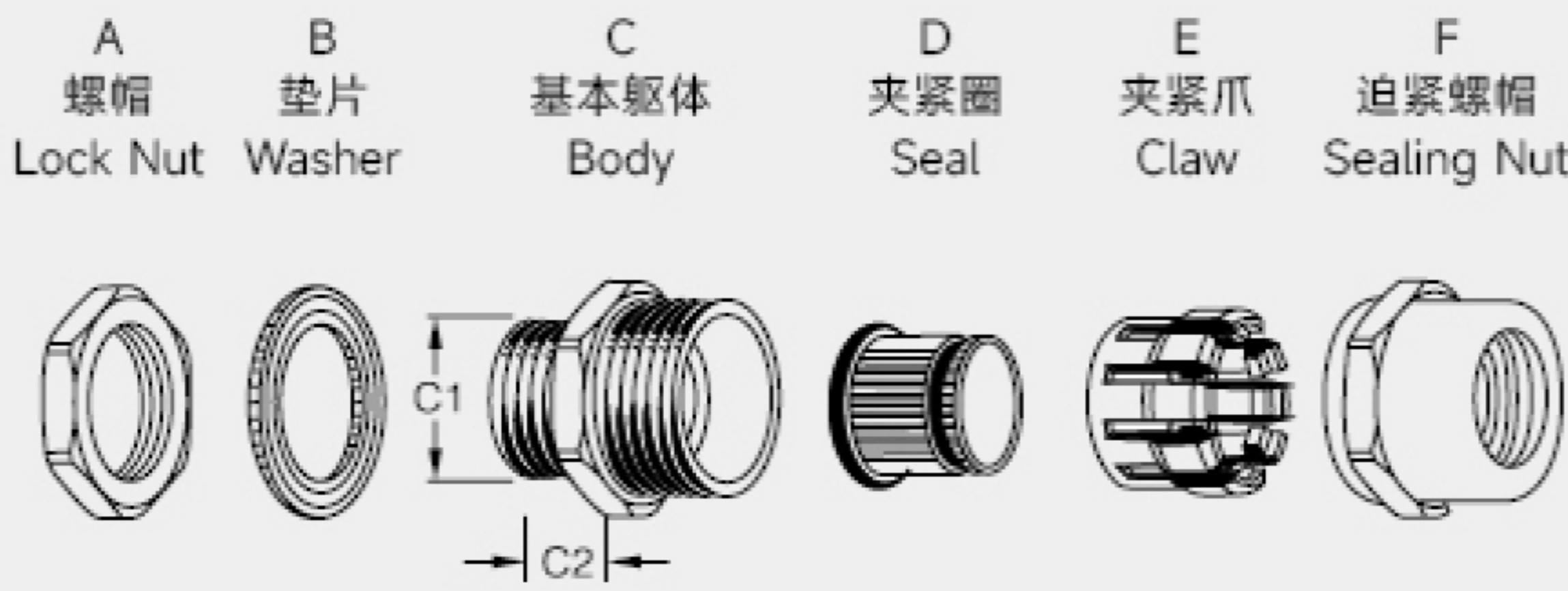
产品规格 Thread	产品编号 Item.No.	适用电缆 Applicable cable		螺纹外径 Thread O.D.(mm)	螺纹长度 Thread length(mm)	扳手直径 Wrench size	开孔直径 Opening diameter
		最小 Min(mm)	最大 Max(mm)				
M8*1.25	BN-B-M8-04	2	4	8	5	11/11	8~8.3
M10*1.5	BN-B-M10-6.5	3	6.5	10	5	14/14	10~10.3
M12*1.5	BN-B-M12-6.5	3	6.5	12	7	14/14	12~12.3
M12*1.5	BN-B-M12-08	4	8	12	7	17/14	12~12.3
M14*1.5	BN-B-M14-08	4	8	14	7	17/17	14~14.3
M16*1.5	BN-B-M16-08	4	8	16	8	18/18	16~16.3
M16*1.5	BN-B-M16-10	5	10	16	8	20/18	16~16.3
M18*1.5	BN-B-M18-10	5	10	18	8	20/20	18~18.3
M20*1.5	BN-B-M20-08	4	8	20	8	22/22	20~20.3
M20*1.5	BN-B-M20-10	5	10	20	8	22/22	20~20.3
M20*1.5	BN-B-M20-12	7	12	20	8	22/22	20~20.3
M20*1.5	BN-B-M20-14	10	14	20	8	24/22	20~20.3

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NPT 型金属电缆接头

Metal Cable Glands(NPT-Type)



产品详情 / Product Description

- ◎ 螺牙规格：NPT 牙（不附螺帽 A 部），如需其它牙规尺寸可接受订制。（National Pipe Thread Taper - ANSI B2.1）
- ◎ 产品材质：A.C.F 部份以高级铜合金电镀制成（JIS C3604 / DIN CuZn39Pb3 / ASTM C37800），E 部份以 UL 认可之尼龙 PA66 製成，B 及 D 部份采用标准 EPDM 户外耐候橡胶，客户亦可指定选择 NBR 机械耐油橡胶。（其他用途橡胶可接受订制）
- ◎ 防水等级：IP68 -5 bar.
- ◎ 工作温度：-40℃ 至 105℃（-40° F 至 221° F）；短时间可达 160℃（320° F）。
- ◎ 产品特性：对于机械耐冲击的要求、或长年户外的曝晒与其它严苛的环境下，本款铜制电缆固定头便具有其高安全性与稳定度的特色。电镀的材质能抗盐水、耐酸硷、耐化学与抗腐蚀，其精密高级的外型设计，亦有著美观装饰的效果。在内在方面，其采用特殊的 A 型夹紧密封技术，使得电线固定抗拉力性特强，气密性完美，并可持续性沉水 50 公尺。全方位的产品模具尺寸可达到巨大型的 NPT 3，能广泛地应用于机器、自动控制、电气、供电、网路、连接器、电信或通讯、LED 照明与数位显示、监视器、太阳能配线、交通号志、侦测与测量仪器等设备的进出线或连接器的防护领域上，从微型的仪器到大型的供电设备，扎实地提供防水 IP68 与固定抗拉的最佳技术与良器。

- ◎ Thread Type:NPT（Without Lock Nut），according to ANSI B2.1.
- ◎ Material Data:Brass nickel-plated（JIS C3604 / DIN CuZn39Pb3 / ASTM C37800）for A.C.F parts；Nylon PA 66 for E part. Weather-Resistant EPDM rubbers for B.D parts.（NBR rubber is optional for oil-resistance applications）
- ◎ IP Protection :IP68 - 5 bar.
- ◎ Working Temp:- 40 °C to 105 °C（- 40 ° F to 221 ° F）. Short-Term to 160 °C（320 ° F）.
- ◎ Application:The robust & shiny plated brass cable gland with unique clamping design provides outstanding strain relief power & watertight performance over the entire cable range from the widest variety of bodies & sealing inserts. The high quality nickel-plated brass glands are considered the best cost / performance ratio for the metal-made cable entry systems to provide the excellent mechanical properties in anti corrosion, weather resistance, flame protection and high impact durability for outdoor / indoor cord-grip applications on electrical and electronics technologies, machines, telecommunications, wireless networking ODUs, power supplies, switches, junction boxes, solar PV modules, inverters, lightings, displays, traffics, signals, surveillance cameras, measurings, sensors and any kind of equipment.

技术参数 / Technical Parameter

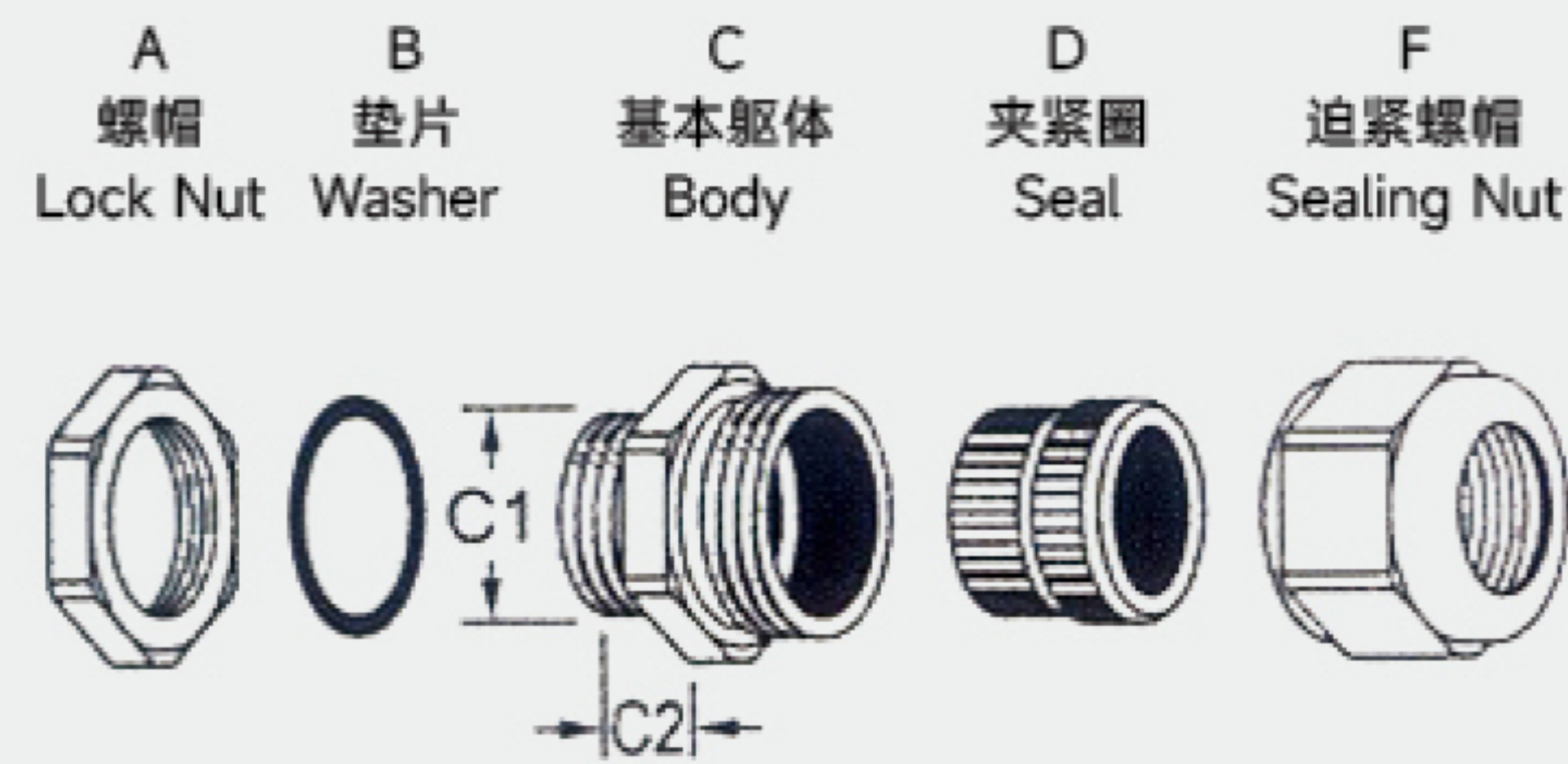
产品规格 Thread	产品编号 Item.No.	适用电缆 Applicable cable		螺纹外径 Thread O.D.(mm)	螺纹长度 Thread length(mm)	扳手直径 Wrench size	开孔直径 Opening diameter
		最小 Min(mm)	最大 Max(mm)				
NPT 1/4	BN-B-NPT 1/4-6.5	3	6.5	13.6	7	16	-
NPT 3/8	BN-B-NPT 3/4-08	4	8	17.05	8	18	-
NPT 1/2	BN-B-NPT 1/2-12	7	12	21.22	8	22	-
NPT 3/4	BN-B-NPT 3/4-18	13	18	26.57	9	30	-
NPT 1	BN-B-NPT 1-25	18	25	33.23	11	40	-
NPT 1-1/4	BN-B-NPT 1-1/4-32	24	32	41.98	13	50	-
NPT 1-1/2	BN-B-NPT 1-1/2-38	32	38	48	14	57	-
NPT 2	BN-B-NPT 2-44	37	44	60	14	64	-
NPT 2-1/2	BN-B-NPT 2-1/2-52	42	52	72.6	15	77	-
NPT 3	BN-B-NPT 3-70	65	70	88.6	15	94	-

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硅胶耐热金属电缆接头

Heat Resistant Metal Cable Glands



产品详情 / Product Description

- ◎ 螺牙规格：公制牙（ISO Metric/ EN60423）如需其他牙规可接受定制。
- ◎ 产品材质：A C F 部份高级铜合金镀镍制成（JIS C3604/DIN CuZn39Pb3/ASTM C37800）,B 部份用标准 EPDM 户外耐候橡胶，D 部份用硅橡胶，耐臭氧寿命极佳。
- ◎ 防水等级：IP68 -5 bar.
- ◎ 工作温度：-40℃ 至 105℃（-40° F 至 221° F）；短时间可达 160℃（320° F）。
- ◎ 产品特性：本款极为精美的铜制硅胶电缆接头强调能够提供优良的空间节省特性，而完美的应用在微型电子电器的进出线防护上，提供小尺寸电线也能够完美的防水性与抗拉力性。其产品镀镍的保护层可在任何苛刻的环境中产生极佳的抗磨性，并具抗盐、抗腐蚀、耐酸碱与耐化学等特性，其内部为硅橡胶夹紧密封，强调常年耐高温使用，对于现代化许多微型设备或仪器的领域而言，能够有效而广泛地被应用。

- ◎ Thread specification: Metric.
- ◎ Product material: Brass nickel-plated(JIS C3604/DIN CuZn39Pb3/ ASTM C37800)for A.C.F parts.; Weather -Resistant EPDM rubbers for B parts. Heat-Resistant Silicon rubbers for D parts. (NBR rubber is optional for oil-resistance applications)
- ◎ IP Protection: IP68 -5bar
- ◎ Working Temp: -40°C to 105°C (-40° F to 221° F); Short-Term160°C (320° F)
- ◎ Application: This extremely exquisite copper silicone rubber cable gland emphasizes that it can provide excellent space-saving features, and it is perfectly applied to the protection of the inlet and outlet of miniature electronic appliances, and the small size wires can also be perfectly waterproof and tensile. The nickel-plated protective layer of its products can produce excellent abrasion resistance in any harsh environment, and has the characteristics of salt water resistance, corrosion resistance, acid and alkali resistance and chemical resistance. Its interior is silicone rubber clamping seal, emphasizing perennial High temperature resistance, it can be effectively and widely used in the field of modernizing many micro-devices or instruments

技术参数 / Technical Parameter

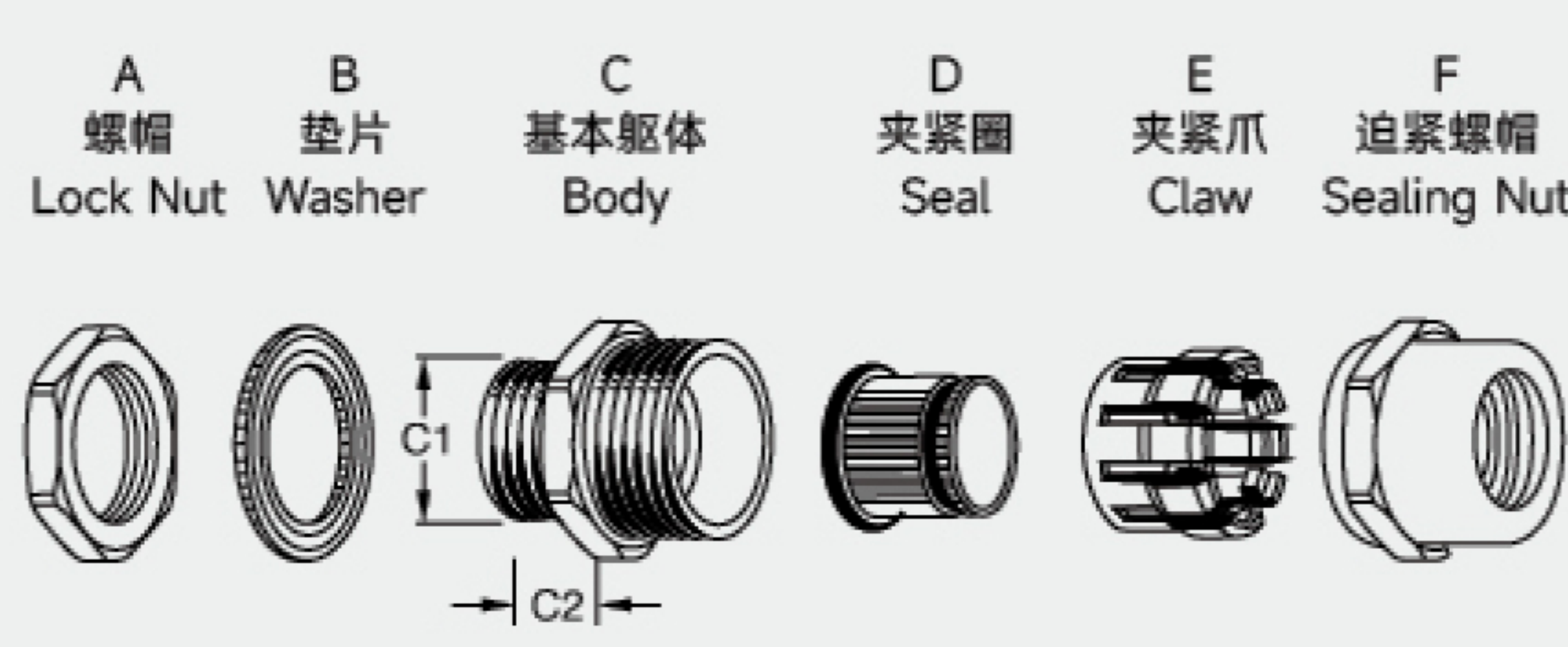
产品规格 Thread	产品编号 Item.No.	适用电缆 Applicable cable		螺纹外径 Thread O.D.(mm)	螺纹长度 Thread length(mm)	扳手直径 Wrench size	开孔直径 Opening diameter
		最小 Min(mm)	最大 Max(mm)				
M8*1	BN-B-M08-05(SG)	2-5	8	5	12/12	8~8.3	13.2~13.4
M12*1	BN-B-M12-6.5(SG)	3-6.5	12	7	14/14	12~12.3	16.7~16.9
M12*1.25	BN-B-M12-08(SG)	4-8	12	7	16/16	12~12.3	21~21.2
M12*1.5	BN-B-M12-08(SG)	4-8	12	7	16/16	12~12.3	26.5~26.8
M14*1.5	BN-B-M14-08(SG)	4-8	14	7	16/16	14~14.3	33.3~33.6
M16*1.5	BN-B-M16-08(SG)	4-8	16	8	20/18	16~16.3	42~42.3
M18*1.5	BN-B-M18-10(SG)	5-10	18	8	20/20	18~18.3	48~48.4

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金属耐扭式电缆接头

Metal Flex Protecting Cable Glands



产品详情 / Product Description

- ◎ 螺纹规格：公制牙（ISO Metric）、PG 牙、G 牙、NPT 牙（不附螺帽 A 部），如需其他牙规可接受定制
- ◎ 产品材质：A C F 部份高级铜合金镀镍制成（JIS C3604/DIN CuZn39Pb3/ASTM C37800），E 部份以 UL 认可之尼龙 PA66 制成，B 及 D 部份采用标准 EPDM 户外耐候橡胶，客户亦可指定选择 NBR 机械耐油橡胶。（其他用途橡胶可接受定制）
- ◎ 防水等级：IP68 -5 bar.
- ◎ 工作温度：-40℃至 105℃（-40° F 至 221° F）；短时间可达 160℃（320° F）。
- ◎ 产品特性：精密美观的外型设计，以及特殊 A 型设计的夹紧圈与夹紧爪，配合能维持高扭力的防松迫紧螺帽机构，其电线固定抗拉力特强，气密性完美，并可持续性沉水 50 公尺。本产品全数通过抗 UV 耐候实验且防水与抗拉功能不变、并可耐弱酸强碱、耐化学物质与一般溶剂等抗腐蚀特性。全方位的产品尺寸能广泛地应用于机器、自动控制、电气、供电、网路、连接器、电信或通讯、LED 照明、监视器、太阳能配线、音响视听、数位显示、交通号志、侦测与测量仪器等各式设备的进出线或连接器的防护领域上，提供密封防水与固定抗拉的最佳技术与良器。

- ◎ Thread specification: Metric, PG, G and NPT（Without Lock Nut）.
- ◎ Product material: Part A C F is made of high-grade copper alloy nickel plating (JIS c3604 / DIN cuZn39pb3/ASTM C37800), Part E is made of UL approved nylon PA66, Part B and Part D are made of standard EPDM outdoor weather resistant rubber, and the customer can also choose NBR mechanical oil resistant rubber. (other rubber can be customized)
- ◎ Waterproof grade: IP68 - 5 bar
- ◎ Operating temperature: - 40 °C to 105 °C (- 40 ° F to 221 ° F); short time up to 160 °C (320 ° F).
- ◎ Product features: The refined polyamide cable gland with special A-type clamping & sealing design has been proven its worth over the years providing strong strain relief & watertight performance over an entire cable range from their widest variety of body sizes & sealing inserts. Besides, UL-certified cable glands have outstanding weather resistance and durability in outdoor / indoor cable entry applications which are suitably used for electrical and electronics technologies, machines, wireless networking ODUs, solar PV modules and any kind of equipment.

技术参数 / Technical Parameter

产品规格 Thread	产品编号 Item.No.	适用电缆 Applicable cable	螺纹外径 Thread O.D.(mm)	螺纹长度 Thread length(mm)	扳手直径 Wrench size	开孔直径 Opening diameter
M12	BN-B-P-M12-6.5	3-6.5	12	8	14/14	12~12.3
M16	BN-B-P-M16-8	4-8	16	8	18/18	16~16.3
M18	BN-B-P-M18-10	5-10	18	8	20/20	18~18.3
M20	BN-B-P-M20-12	6-12	20	9	22/22	20~20.3
M22	BN-B-P-M22-14	10-14	22	9	24/24	22~22.3
M25	BN-B-P-M25-18	13-18	25	10	27/27	25~25.4
M32	BN-B-P-M32-25	18-25	32	11	40/35	32~32.4
PG7	BN-B-P-PG7-6.5	3-6.5	12.5	8	14/14	12.5~12.8
PG9	BN-B-P-PG9-8	4-8	15.2	8	17/17	15.2~15.5
PG11	BN-B-P-PG11-10	5-10	18.6	9	20/20	18.6~18.9
PG13.5	BN-B-P-PG13.5-12	6-12	20.4	10	22/22	20.4~20.7
PG16	BN-B-P-PG16-14	10-14	22.5	10	24/24	22.5~22.8
PG21	BN-B-P-PG21-18	13-18	28.3	10	30/30	28.3~28.7
G1/4	BN-B-P-G1/4-6.5	3-6.5	13.1	8	16/16	13.2~13.4
G3/8	BN-B-P-G3/8-8	4-8	16.6	8	18/18	16.7~16.9
G1/2	BN-B-P-G1/2-12	6-12	20.9	9	22/22	21~21.2
G3/4	BN-B-P-G3/4-18	13-18	26.4	10	30/30	26.5~26.8
NPT1/4	BN-B-P-NPT1/4-6.5	3-6.5	13.6	8	16	-
NPT3/8	BN-B-P-NPT3/8-8	4-8	17.05	8	18	-
NPT1/2	BN-B-P-NPT1/2-12	6-12	21.22	9	22	-
NPT3/4	BN-B-P-NPT3/4-18	13-18	26.57	10	30	-

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吸盘式电磁铁

Suction Cup Type Electromagnet



型号定义 / Type definition



注意事项 / Matters Needing Attention

- 电吸盘在使用当中要符合以下条件才能达到最大吸力值；
- 1、被吸物件必须是导磁性良好的材料；
 - 2、正确使用电源、额定电压；
 - 3、被吸物件表面应非常平整干净；
 - 4、被吸物件的吸合接触面积必须大于或等于电吸盘的吸合面（电吸盘的最大外径）；
 - 5、被吸物件厚度大于 8mm 以上方可达到标称值的吸力，厚度减小，吸力也减小；
 - 6、与被吸物件之间不可以有距离、不可以隔任何物件；
- 有违以上任一条件，吸力均会减小，达不到电吸盘所标示的最大吸力。

Electric suction cups in use to meet the following conditions to achieve the maximum suction value;

1. The object to be sucked must be a material with good magnetic conductivity;
- 2, the correct use of power supply, rated voltage;
- 3, the surface of the sucked object should be very smooth and clean;
- 4, the suction contact area of the object to be sucked must be greater than or equal to the suction surface of the electric sucker (the maximum outer diameter of the electric sucker);
- 5, the thickness of the suction object is greater than 8mm to achieve the nominal value of suction, thickness is reduced, suction is also reduced;
- 6, there can be no distance between the object to be sucked, can not be separated from any object;

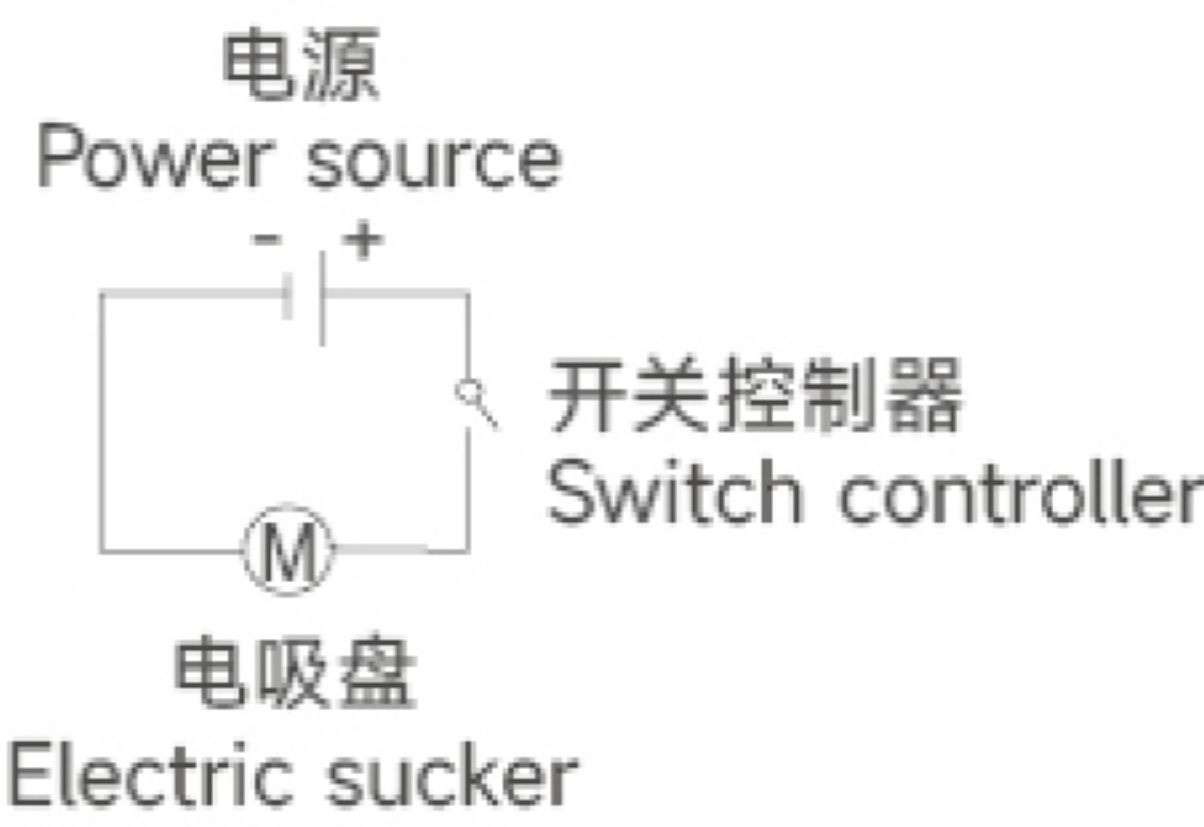
If any of the above conditions are not met, the suction force will be reduced and will not reach the maximum suction force indicated by the electric sucker.

吸盘式电磁铁概况 / Overview of Suction Electromagnets

- 1、吸盘式电磁铁是诸多电磁铁中的一种，通常被称为电磁吸盘、电吸盘，以下统称电吸盘。电吸盘就是利用通有电流的线圈使其产生磁场，以导磁材料为介质，使其像永磁铁一样具有磁性的装置，其材质要用容易磁化，又容易消失磁性的纯铁或硅钢来制做，这样在通电时有磁性，断电后就随之消失。
- 2、该产品壳体采用电工纯铁，长时间使用不会产生剩磁现象，线圈骨架使用阻燃增强尼龙塑料注塑成型，绝缘性能好、阻燃、耐高温，线圈使用国标紫铜漆包线。
- 1, sucker type electromagnet is one of many electromagnets, commonly known as electromagnetic sucker, electric sucker, hereinafter referred to as electric sucker. The electric suction cup is the use of a current coil to generate a magnetic field, with magnetic conductive material as the medium, so that it has a magnetic device like a permanent magnet, its material should be made of pure iron or silicon steel that is easy to magnetize and easy to disappear magnetic, so that it is magnetic when it is powered on, and disappears after power failure.
- 2, the product shell is made of pure electrical iron, long-term use will not produce residual magnetic phenomenon, coil skeleton using flame retardant reinforced nylon plastic injection molding, good insulation performance, flame retardant, high temperature resistance, coil using national standard copper enamel wire.
- ### 适用环境 / Applicable Environment
- ◎ 避免长时间吸附高温铁件；
 - ◎ 使用当中自身会产生热量，让其处于自然散热状态；
 - ◎ 在高温环境下使用要外加散热装置，如：水冷、风冷等（水冷需要做防水保护）自身温度应控制在 130 度以内；
 - ◎ 如户外、水下或复杂环境中使用，烦请联系本公司说明，可订制；
 - ◎ 吸合面勿与坚硬棱角物件撞击，吸合面一旦凹凸不平会使吸力下降，影响吸附效果。
- ◎ Avoid long-term adsorption of high-temperature iron parts;
 - ◎ The use of itself will generate heat, so that it is in a natural heat dissipation state;
 - ◎ In the high temperature environment to use additional cooling devices, such as: water cooling, air cooling, etc. (water cooling needs to do waterproof protection) its own temperature should be controlled within 130 degrees;
 - ◎ For outdoor, underwater or complex environment use, please contact us for instructions, can be customized;
 - ◎ The suction surface should not collide with hard edges and corners, and once the suction surface is uneven, the suction will decrease, affecting the adsorption effect.

安装及使用方法 / Installation and Use Method

- 1、电吸盘使用直流电源，常用电压为 DC5V DC6V DC12V DC24V，订制 AC220V，使用以产品标示为准（特殊要求提供技术参数可以定制）
 - 2、接线示意图（接线方式不分正负极）
- 1.The electric sucker uses DC power supply, the common voltage is DC5V DC6V DC12V DC24V, customized AC220V, the use of the product label shall prevail (special requirements to provide technical parameters can be customized)
- 2.Wiring diagram (wiring method is not positive and negative)



- 3、在额定电压范围内可以通过调节电压大小来调节吸力大小（正比关系）
 - 4、用螺丝连接背后螺丝孔来固定使用
3. In the rated voltage range can be adjusted by adjusting the voltage size to adjust the suction size (proportional relationship)
4. Use screws to connect the screw hole behind to fix the use

圆形吸盘技术参数 / Technical Parameters of Circular Sucker

型号 Item No.	D(mm)	d(mm)	H(mm)	M(mm)	P(mm)	L(mm)	电压 voltage	电流 Current	功率 Power	最大吸力值 Maximum suction value	防护等级 Class of protection	出线防护方式 Cable protection mode
KK-P8/20	8	3.3	20	M3	8	330	DC12V	0.061A	0.73W	0.3KG	IP68	软胶防护 Soft adhesive protection
							DC24V	0.074A	1.77W	0.3KG		
KK-P10/10	10	3.7	10	M2	8	330	DC12V	0.086A	1.04W	0.3KG		
							DC24V	0.08A	1.91W	0.3KG		
KK-P10/25	10	3.5	25	M6	5	330	DC12V	0.1A	1.19W	1KG		
							DC24V	0.073A	1.74W	1KG		
KK-P12/12	12	4.8	12	M3	8	330	DC12V	0.085A	1.02W	0.3KG		
							DC24V	50A	1.2W	0.3KG		
KK-P15/15	15	6.5	15	M4	8	330	DC12V	0.11A	1.4W	2KG		
							DC24V	0.06A	1.47W	2KG		
KK-P15/35	15	8	35	M3	8	330	DC12V	0.15A	1.68W	2KG		
							DC24V	0.07A	1.5W	2KG		
KK-P16/25	16	8	25	M4	8	330	DC12V	0.19A	2.3W	2KG		
							DC24V	0.11A	2.64W	2KG		
KK-P13/27	13	5	27	M3	8	330	DC12V	0.1A	1.2W	1KG		
							DC24V	0.08A	2W	1KG		
KK-P13/30	13	3	30	M3	8	330	DC12V	0.1A	1.2W	1KG		
							DC24V	0.08A	2W	1KG		
KK-P20/15	20	8	15	M4	10	330	DC5V	0.22A	1W	3KG	2MM	
							DC6V	0.25A	1.5W	3KG		
							DC12V	0.2A	2.5W	3KG		
							DC24V	0.1A	2.5W	3KG		
KK-P20/20	20	8.8	20	M4	10	330	DC12V	0.46A	5.5W	3.5KG	3MM	
							DC24V	0.22A	5.28W	3.5KG		
KK-P20/25	20	9.8	25	M5	10	330	DC12V	0.15A	1.83W	5KG		
							DC24V	0.1A	2.37W	5KG		
KK-P20/35	20	10	35	M5	10	330	DC12V	0.18A	2.2W	4.5KG		
							DC24V	0.11A	2.7W	4.5KG		

圆形吸盘技术参数 / Technical Parameters of Circular Sucker

型号 Item No.	D(mm)	d(mm)	H(mm)	M(mm)	P(mm)	L(mm)	电压 voltage	电流 Current	功率 Power	最大吸力值 Maximum suction value	防护等级 Class of protection	出线防护方式 Cable protection mode
KK-P25/11	25	10	11	M4	10	330	DC6V	0.25A	1.5W	5KG	IP65/IP68 (可定做) can be customized	软胶防护 Soft adhesive protection
							DC12V	0.15A	1.8W	5KG		
							DC24V	0.1A	2.5W	5KG		
KK-P25/20	25	12	20	M4	10	330	DC3V	0.43A	1.3W	8KG		
							DC5V	0.3A	1.5W	8KG		
							DC6V	0.35A	2W	8KG		
							DC12V	0.13A	1.5W	8KG		
							DC24V	0.08A	2W	8KG		
KK-P25/25	25	11.7	25	M6	10	330	DC12V	0.22A	2.8W	15KG		
							DC24V	0.1A	2.5W	15KG		
							DC3V	0.43A	1.3W	15KG		
KK-P30/22	30	14	22	M4	10	330	DC5V	0.4A	2W	15KG		
							DC6V	0.48A	3W	15KG		
							DC12V	0.25A	3W	15KG		
							DC24V	0.12A	3W	15KG		
KK-P30/25	30	14	25	M4	10	330	DC3V	0.43A	1.3W	15KG		
							DC5V	0.4A	2W	15KG		
							DC6V	0.48A	3W	15KG		
							DC12V	0.25A	3W	15KG		
							DC24V	0.12A	3W	15KG		
KK-P30/35	30	14.2	35	M5	10		DC12V	0.55A	6.6W	40KG		
							DC24V	0.23A	5.6W	40KG		
							DC3V	0.43A	1.3W	20KG		
KK-P34/18	34	16	18	M4	10	330	DC5V	0.3A	1.5W	20KG		
							DC6V	0.36A	2W	20KG		
							DC12V	0.28A	3W	20KG		
							DC24V	0.15A	3.5W	20KG		
							DC5V	0.45A	2.5W	25KG		
KK-P34/25	34	16	25	M5	12	330	DC6V	0.55A	3W	25KG		
							DC12V	0.3A	3.5W	25KG		
							DC24V	0.17A	4W	25KG		
							DC12V	0.34A	4.2	40KG	5MM	
KK-P35/30	35	16.5	30	M6	12	330	DC24V	0.16A	4.1W	40KG	5MM	
							DC5V	0.6A	3W	30KG	5MM	
KK-P40/20	40	18	20	M5	12	330	DC6V	0.7A	4W	30KG	5MM	
							DC12V	028A	3.5W	30KG	5MM	
							DC24V	0.15A	3.5W	30KG	5MM	
							DC5V	0.6A	3W	35KG	5MM	
KK-P40/25	40	18	25	M5	12	330	DC6V	0.7A	4W	35KG	5MM	
							DC12V	0.3A	3.5W	35KG	5MM	
							DC24V	0.18A	4.5W	35KG	5MM	
							DC12V	0.34A	4.2	40KG	5MM	
KK-P35/30	35	16.5	30	M6	12	330	DC24V	0.16A	4.1W	40KG	5MM	
							DC5V	0.6A	3W	30KG	5MM	
							DC6V	0.7A	4W	30KG	5MM	
							DC12V	028A	3.5W	30KG	5MM	
KK-P40/20	40	18	20	M5	12	330	DC24V	0.15A	3.5W	30KG	5MM	
							DC5V	0.6A	3W	35KG	5MM	
							DC6V	0.7A	4W	35KG	5MM	
							DC12V	0.3A	3.5W	35KG	5MM	
KK-P40/25	40	18	25	M5	12	330	DC24V	0.18A	4.5W	35KG	5MM	
							DC12V	0.56A	3W	55KG	6MM	
							DC24V	0.66A	4W	55KG	6MM	
							DC12V	0.5A	6W	55KG	6MM	
KK-P49/21	49	23	21	M6	15	330	DC24V	0.27A	6.5W	55KG	6MM	
							DC12V	0.27A	6.5W	55KG	6MM	

圆形吸盘技术参数 / Technical Parameters of Circular Sucker

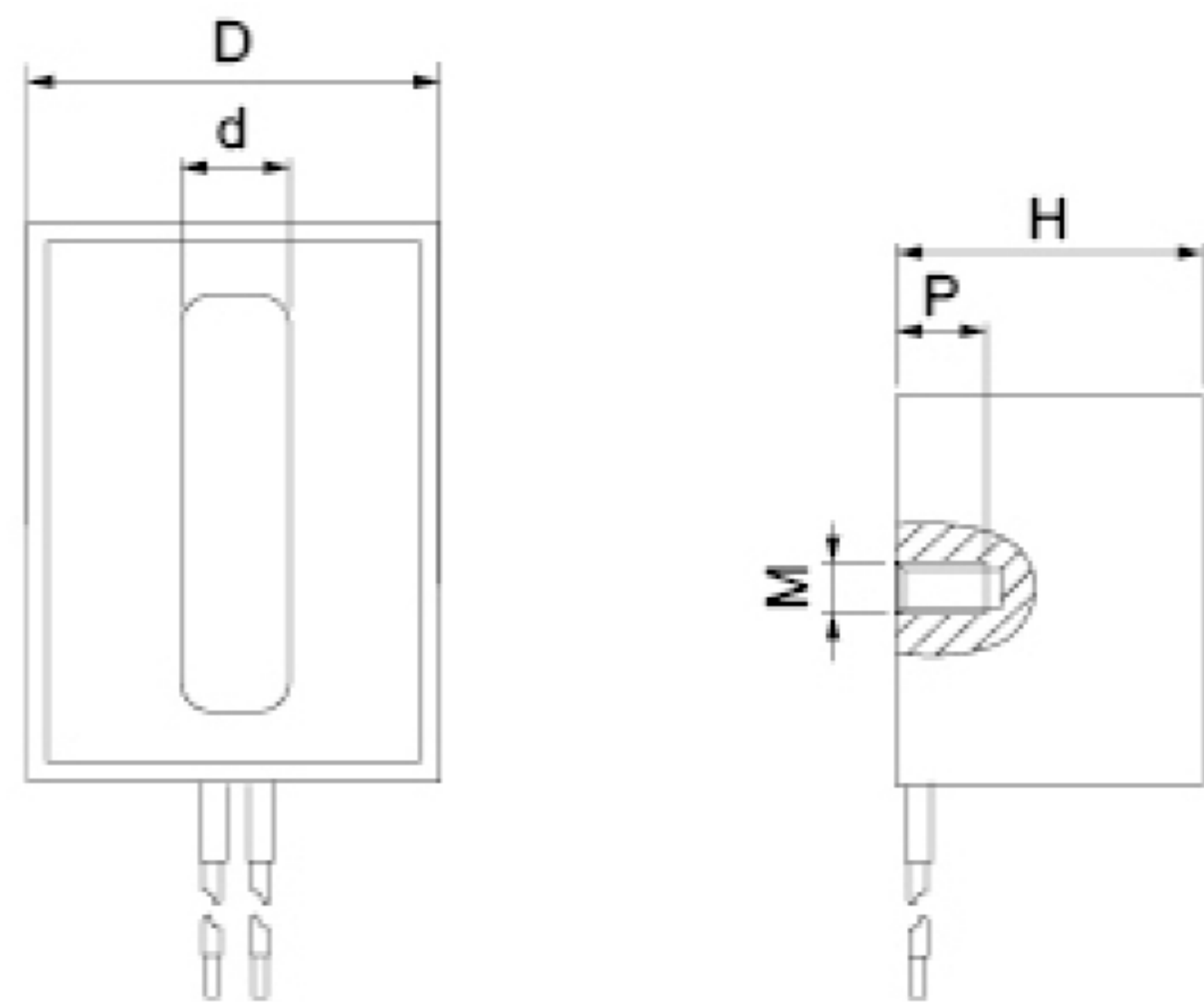
型号 Item No.	D(mm)	d(mm)	H(mm)	M(mm)	P(mm)	L(mm)	电压 voltage	电流 Current	功率 Power	最大吸力值 Maximum suction value	防护等级 Class of protection	出线防护方式 Cable protection mode
KK-P50/27	50	23	27	M6	15	330	DC12V	0.56A	3W	55KG	6MM	软胶防护 Soft adhesive protection
							DC24V	0.66A	4W	55KG	6MM	
							DC12V	0.5A	6W	55KG	6MM	
							DC24V	0.27A	6.5W	55KG	6MM	
KK-P50/30	50	23	30	M6	15	330	DC12V	0.5A	6W	60KG	6MM	
							DC24V	0.27A	6.5W	60KG	6MM	
KK-P59/34	59	27	34	M8	18	330	DC12V	0.84A	10W	80KG	6MM	
							DC24V	0.4A	10W	80KG	6MM	
KK-P60/60	60	28	50	M8	25	330	DC12V	1.2A	15W	100KG	6MM	铜接头防护套 Protective jacket with copper joint
							DC24V	0.5A	15W	100KG	6MM	
KK-P65/30	65	26	30	M8	18	330	DC12V	0.85A	10W	85KG	6MM	
							DC24V	0.4A	10W	85KG	6MM	
KK-P70/9	70	32	10	M5	8	330	DC12Y	0.75A	9W	25KG	4MM	软胶防护 Soft adhesive protection
							DC24V	0.4A	9.5W	25KG	4MM	
KK-P70/10	70	32	10	M5	8	330	DC12V	0.75A	9W	25KG	4MM	
							DC24V	0.4A	9.5W	25KG	4MM	
							DC12V	0.6A	9W	25KG	4MM	
KK-P80/10	80	34	10	M5	10	330	DC24V	0.4A	9.5W	25KG	4MM	
							DC12V	0.9A	11W	120KG	10MM	铜接头防护套 Protective jacket with copper joint
KK-P80/38	80	34	38	M10	25	300	DC24V	0.47A	11W	120KG	10MM	
							DC12V	1A	12W	240KG	12MM	
KK-P100/40	100	45	40	M10	25	340	DC24V	0.55A	13W	240KG	12MM	
							DC12V	1.1A	13W	300KG	12MM	
KK-P120/40	120	50	40	M12	30	340	DC24V	0.63A	15W	300KG	12MM	
							DC12V	1.1A	15W	500KG	12MM	铜接头防护套 Protective jacket with copper joint
KK-P120/50	120	60	50	M12	30	350	DC24V	0.5A	15W	500KG	12MM	
							DC12V	1.5A	35W	600KG	12MM	
KK-P150/50	150	75	50	M14	35	350	DC24V	1.2A	35W	600KG	12MM	
							DC12V	1.5A	35W	800KG	12MM	
KK-P160/50	16	80	50	M14	35	350	DC24V	1.2A	35W	80KG	12MM	
							DC12V	1.5A	35W	800KG	15MM	KK-P160

长方形技术参数 / Rectangular Technical Parameter

型号 Item No.	D(mm)	d(mm)	H(mm)	M(mm)	P(mm)	L(mm)	电压 voltage	电流 Current	功率 Power	铁芯 Iron core	出线防护方式 Cable protection mode
KK-P30/20/20	30	20	20	10	M4*2	4	DC24V	0.32	7.6	6*15	软胶防护 Soft adhesive protection
KK-P40/20/15	40	20	15	20	M5*2	8	DC24V	0.27	6.5	6*26	
KK-P40/20/20	40	20	20	18	M4*2	10	DC24V	0.21	5.0	6*24	
KK-P50/25/20	50	25	20	25	M5*2	25	DC24V	0.24	5.8	10*34	
KK-P50/25/25	50	25	25	25	M5*2	30	DC24V	0.25	5.9	10*34	
KK-P50/30/20	50	30	20	20	M5*2	30	DC24V	0.43	10.2	10*30	
KK-P60/30/25	60	30	25	30	M6*2	40	DC24V	0.36	8.6	12*40	
KK-P60/30/30	60	30	30	30	M8*2	40	DC24V	0.58	13.9	12*40	
KK-P70/35/30	70	35	30	35	M8*2	80	DC24V	0.45	10.9	14*48	
KK-P80/25/20	80	25	20	40	M6*2	40	DC24V	0.47	11.4	8*70	铜接头防护套 Protective jacket with copper joint
KK-P80/40/30	80	40	30	40	M8*2	90	DC24V	0.63	15.0	12*53	
KK-P90/40/30	90	40	30	45	M8*2	100	DC24V	0.31	7.4	16*62	
KK-P100/50/30	100	50	30	50	M8*2	120	DC24V	0.30	7.2	17*65	
KK-P100/50/40	100	50	40	50	M8*2	120	DC24V	0.66	15.8	17*65	
KK-P120/50/40	120	50	40	70	M8*2	200	DC24V	1.18	28.2	17*86	
KK-P120/60/50	120	60	50	70	M8*2	300	DC24V	1.90	45.7	24*84	
KK-P150/60/50	150	60	50	80	M10*2	300	DC24V	1.48	35.6	24*115	
KK-P200/80/40	200	80	40	80	M12*2	600	DC24V	1.58	37.9	32*152	
KK-P200/80/60	200	80	60	80	M12*2	800	DC24V	1.56	37.4	32*152	
KK-P250/100/60	250	100	60	3 孔 80	M10*2	800	DC24V	2.33	55.9	44*200	软胶防护 Soft adhesive protection
KK-P300/100/40	300	100	40	3 孔 80	M10*2	800	DC24V	3.53	84.7	45*245	
KK-P300/120/70	300	120	70			1000	DC24V	4.36	104.64		
KK-P30/20/20	30	20	20	10	M4*2	4	DC12V	0.66	7.9	6*15	
KK-P40/20/15	40	20	15	20	M5*2	8	DC12V	0.68	8.2	6*26	
KK-P40/20/20	40	20	20	18	M4*2	10	DC12V	0.70	8.4	6*24	
KK-P50/25/20	50	25	20	25	M5*2	25	DC12V	0.55	6.6	10*34	
KK-P50/25/25	50	25	25	25	M5*2	30	DC12V	0.54	6.4	10*34	
KK-P50/30/20	50	30	20	20	M5*2	30	DC12V	0.78	9.4	10*30	
KK-P60/30/25	60	30	25	30	M6*2	40	DC12V	1.29	15.5	12*40	铜接头防护套 Protective jacket with copper joint
KK-P60/30/30	60	30	30	30	M8*2	40	DC12V	0.61	7.3	12*40	
KK-P70/35/30	70	35	30	35	M8*2	80	DC12V	0.54	6.4	14*48	
KK-P80/25/20	80	25	20	40	M6*2	40	DC12V	0.98	11.8	8*70	
KK-P80/40/30	80	40	30	40	M8*2	90	DC12V	1.35	16.2	12*53	
KK-P90/40/30	90	40	30	45	M8*2	100	DC12V	0.52	6.2	16*62	
KK-P100/50/30	100	50	30	50	M8*2	120	DC12V	1.07	12.9	17*65	
KK-P100/50/40	100	50	40	50	M8*2	120	DC12V	1.14	13.7	17*65	
KK-P120/50/40	120	50	40	70	M8*2	200	DC12V	2.35	28.2	17*86	
KK-P120/60/50	120	60	50	70	M8*2	300	DC12V	3.08	36.9	24*84	铜接头防护套 Protective jacket with copper joint
KK-P150/60/50	150	60	50	80	M10*2	300	DC12V	2.86	34.3	24*115	
KK-P200/80/40	200	80	40	80	M12*2	600	DC12V	2.55	30.6	32*152	
KK-P200/80/60	200	80	60	80	M12*2	800	DC12V	0.78	9.4	32*152	
KK-P250/100/60	250	100	60	3 孔 80	M10*2	800	DC12V	3.53	42.4	44*200	
KK-P300/100/40	300	100	40	3 孔 80	M10*2	800	DC12V			45*245	

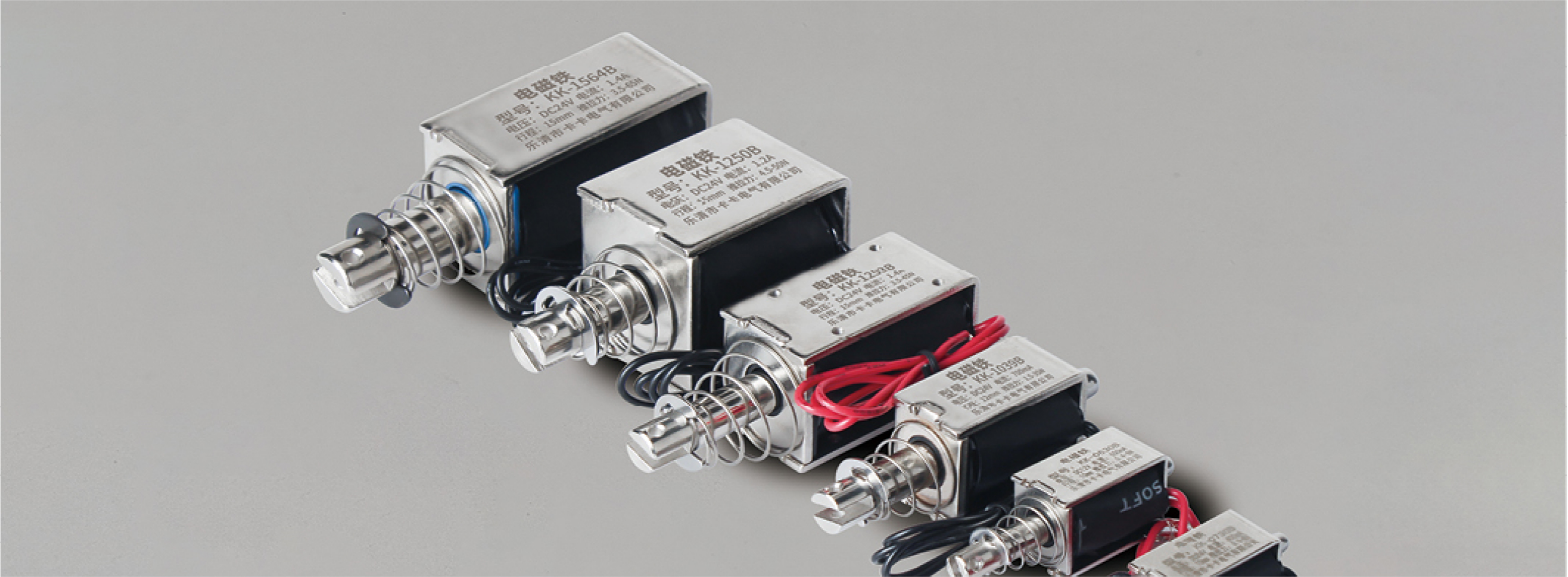
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外形尺寸 / Overall Dimension



推拉电磁铁

Push-pull Electromagnet



推拉电磁铁概况 / Push-pull Electromagnet Overview

1、推拉电磁铁是诸多电磁铁中的一种，通常被称为贯穿式电磁铁、撞击式电磁铁，以下统称推拉电磁铁。推拉电磁铁就是利用通有电流的线圈使其产生磁场，使其推杆产生动力推出，其材质用容易磁化，又容易消失磁性的纯铁或硅钢来制做，这样在通电时推拉杆会推出并产生磁性，断电后推拉杆动力和磁性就随之消失。
2、该产品壳体采用电工纯铁，线圈骨架使用阻燃增强尼龙塑料注塑成型，绝缘性能好、阻燃、附高温，线圈使用国标紫铜漆包线。

1.Push-pull electromagnet is one of many electromagnets, usually known as penetration electromagnet, impact electromagnet, hereinafter referred to as push-pull electromagnet. Push and pull electromagnet is the use of a current coil to generate a magnetic field, so that its push rod power out, its material is easy to magnetize, and easy to disappear magnetic pure iron or silicon steel to make, so that when the power will be launched when the push rod and produce magnetism, power and magnetism will disappear after power off.
2.The shell of the product is made of pure electrical iron, the coil skeleton is made of flame-retardant reinforced nylon plastic injection molding, with good insulation performance, flame retardant and high temperature, and the coil is made of national standard purple pin enamelled wire.

安装及使用方法 / Installation and Use Method

1、电吸盘使用直流电源，常用电压为 DC5V、DC6V、DC12V、DC24V 使用以产品标示为准（特殊要求提供技术参数可以定制）。
2、接线方式两根电源线不分正负极。
3、在额定电压范围内可以通过调节电压大小来调节推拉力大小（正比关系）。
4、用螺丝连接背后螺丝孔固定使用。

1. The electric sucker uses DC power supply, the common voltage is DC5V, DC6V, DC12V, DC24V use according to the product label (special requirements to provide technical parameters can be customized).
2. Wiring mode The two power cables do not have positive or negative poles.
3. In the rated voltage range can be adjusted by adjusting the size of the voltage to adjust the size of the push force (proportional relationship).
4. Use screws to connect the screw hole behind the fixed use.

注意事项 / Matters Needing Attention

推拉电磁铁在使用当中需符合以下条件才能达到最大的推力之和吸力值：
1. 电磁铁工作方式：
接通电源，可动铁芯插入线圈，通电推出，断开电源力量消失，可动铁芯靠弹簧自动复位。
2. 电磁铁通电时间：
电磁铁通电会升温，不适合长时间通电（单次通电时间应小于 30 秒），需要通电断电如此周期性工作。单次长时间通电类似人工短路
3. 正确使用电源：
应选择开关电源、变压器、大功率锂电池。注意不要用小型锂电池、干电池、USB、充电宝、单片机、线路板等供电这些电源基本都是带不动的，因为这款电磁铁功率都很大这些电源通电后带不动根本无法工作。

Push-pull electromagnets in use must meet the following conditions to achieve the maximum thrust sum suction value:
1. Electromagnet working mode:
Turn on the power, the moving core is inserted into the coil, the power is pushed out, the power is disconnected, and the moving core is automatically reset by the spring.
2. Electromagnet power on time:
Electromagnet power will heat up, not suitable for a long time power (a single power time should be less than 30 seconds), need to power off so cyclical work. A single prolonged power-on is similar to an artificial short circuit
3. Use power properly:
Switching power supply, transformer, high-power lithium battery should be selected. Be careful not to use small lithium batteries, dry batteries, USB, charging banks, microcontrollers, circuit boards and other power supplies. These power supplies are basically immovable, because the power of this electromagnet is very large.

技术参数 / Technical Parameter

型号 Item No.	推拉力 Push-pull force	行程 Journey	电压 Voltage	电流 Electric current
KK-0520B	0.2-5N	5MM	24V	610mA
KK-0530B	0.2-6N	10MM	24V	600mA
KK-0630B	0.4-8N	10MM	24V	612mA
KK-0730B	0.3-8N	10MM	24V	470mA
KK-0826B	0.5-20N	8MM	24V	560mA
KK-0837B	1-20N	10MM	24V	600mA
KK-1039B	1.5-35N	12MM	24V	700mA
KK-1040B	2-40N	12MM	24V	800mA
KK-1050B	4.5-50N	15MM	24V	1.9A
KK-1250B	4.5-50N	15MM	24V	1.8A
KK-1253B	3.5-45N	15MM	24V	1.7A
KK-1264B	3.5-65N	15MM	24V	2A
KK-1564B	3.5-65N	20MM	24V	2A
KK-0520B	0.2-5N	5MM	12V	600mA
KK-0530B	0.2-6N	10MM	12V	600mA
KK-0630B	0.4-8N	10MM	12V	650mA
KK-0730B	0.3-8N	10MM	12V	600mA
KK-0826B	0.5-20N	8MM	12V	1A
KK-0837B	1-20N	10MM	12V	1A
KK-1039B	1.5-35N	12MM	12V	1.2A
KK-1040B	2-40N	12MM	12V	1.2A
KK-1050B	4.5-50N	15MM	12V	1.8A
KK-1250B	4.5-50N	15MM	12V	1.8A
KK-1253B	3.5-45N	15MM	12V	2A
KK-1264B	3.5-65N	15MM	12V	2A
KK-1564B	3.5-65N	20MM	12V	2A

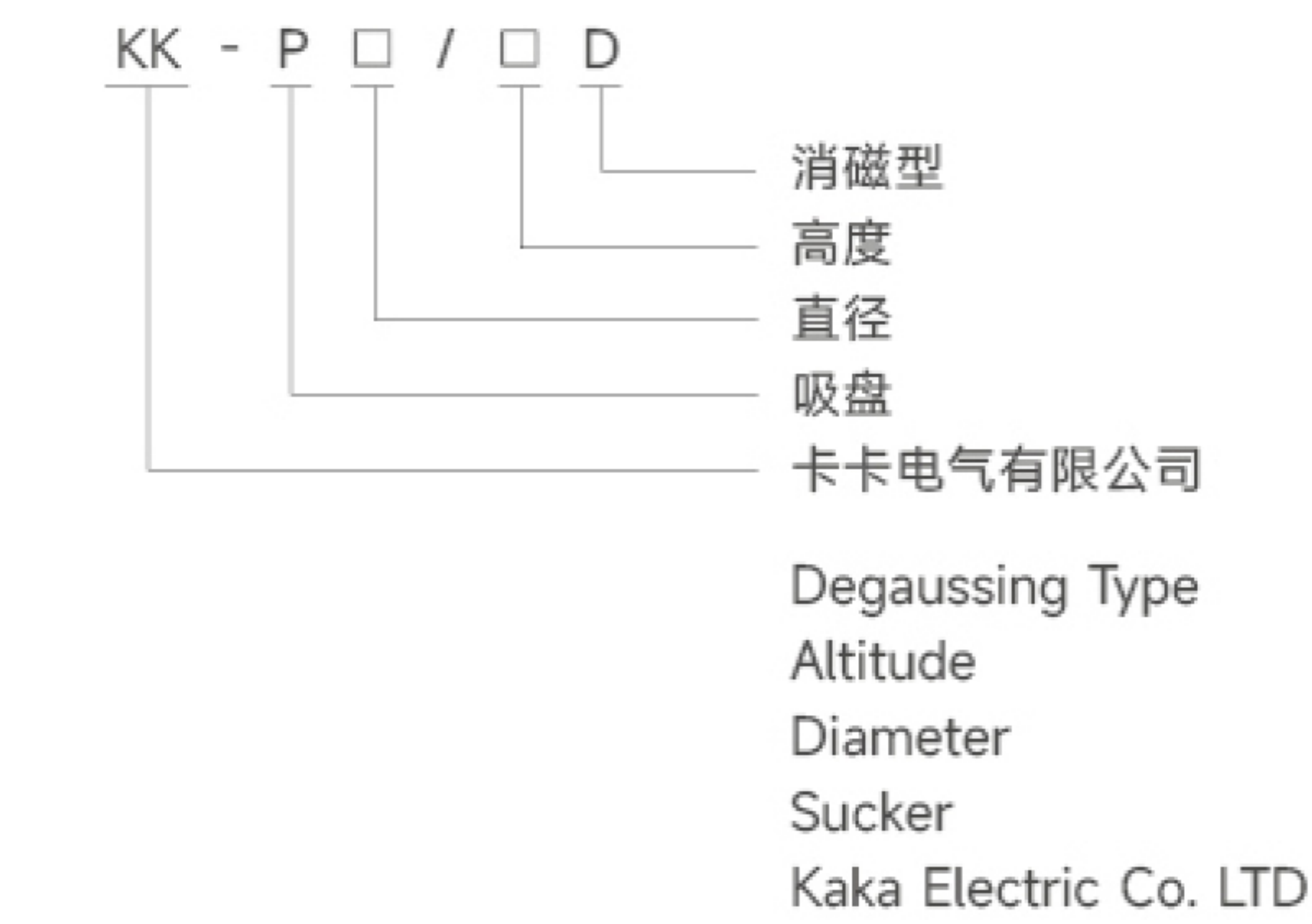
型号 Item No.	推拉力 Push-pull force	行程 Journey	电压 Voltage	电流 Electric current
KK-0520B	0.2-5N	5MM	5V	600mA
KK-0530B	0.2-6N	10MM	5V	800mA
KK-0630B	0.4-8N	10MM	5V	1A
KK-0730B	0.3-8N	10MM	5V	800mA
KK-0826B	0.5-20N	8MM	5V	1.2A
KK-0837B	1-20N	10MM	5V	1.5A
KK-1039B	1.5-35N	12MM	5V	1.5A
KK-1040B	2-40N	12MM	5V	1.8A
KK-1050B	4.5-50N	15MM	5V	2.5A
KK-1250B	4.5-50N	15MM	5V	1.5A
KK-1253B	3.5-45N	15MM	5V	2.5A
KK-1264B	3.5-65N	15MM	5V	3A
KK-1564B	3.5-65N	20MM	5V	2A
KK-0520B	0.2-5N	5MM	6V	600mA
KK-0530B	0.2-6N	10MM	6V	800mA
KK-0630B	0.4-8N	10MM	6V	1A
KK-0730B	0.3-8N	10MM	6V	800mA
KK-0826B	0.5-20N	8MM	6V	1.2A
KK-0837B	1-20N	10MM	6V	1.5A
KK-1039B	1.5-35N	12MM	6V	1.5A
KK-1040B	2-40N	12MM	6V	2A
KK-1050B	4.5-50N	15MM	6V	2.5A
KK-1250B	4.5-50N	15MM	6V	1.5A
KK-1253B	3.5-45N	15MM	6V	2.5A
KK-1264B	3.5-65N	15MM	6V	1.4A
KK-1564B	3.5-65N	20MM	6V	2A

消磁电磁铁 / 环形电磁铁

Degaussing Electromagnet/Ring Electromagnet



型号定义 / Type definition



注意事项 / Matters Needing Attention

- 失电型电吸盘在使用当中装符合以下条件才能达到最大吸力值：
- 1、被吸物件必须是导磁性良好的材料
 - 2、正确使用电源、额定电压
 - 3、被吸物件表面应非常平整干净
 - 4、被吸物件的吸合接触面积必须大于或等于电吸盘的吸合面（电吸盘的最大外径）
 - 5、被吸物件厚度大于 8mm 以上方可达到标称值的吸力，厚度减小，吸力也减小
 - 6、电磁铁与被吸物件之间不可以有距离、不可以隔任何物件：有以上任一条件，吸力均会减小，这不到电吸盘所标示的最大吸力

In order to achieve the maximum suction value, the power loss type suction cup can be installed in accordance with the following conditions:

- 1. The object to be sucked must be a material with good magnetic conductivity
- 2. The correct use of power supply, rated voltage
- 3. The surface of the sucked object should be very smooth and clean
- 4. The suction contact area of the object to be sucked must be greater than or equal to the suction surface of the electric sucker (the maximum outer diameter of the electric sucker)
- 5 The thickness of the suction object is greater than 8mm to achieve the nominal value of suction, thickness is reduced, suction is also reduced
- 6. There can be no distance between the electromagnet and the object to be sucked, can not be separated from any object: with any of the above conditions, the suction will be reduced, which is not the maximum suction marked by the electric sucker

失电型电磁铁概况 / General Situation of Loss Electromagnet

- 1、失电型电磁铁是诸多电磁铁中的一种，通常被称为通电消磁电磁铁、消磁电磁铁、永磁电磁铁、以下统称失电型电磁铁。失电型是利用产品里的永磁铁产生磁场，利用通电电流的线线圈使永磁铁磁性抵消，以导磁材料为介质，使其像普通永磁铁一样具有磁性的装置，其材质要用容易磁化，又容易消失磁性的纯铁或建钢来制做，这样在不通电时有磁性，通电后后磁性就随之消失。
- 2、该产品壳体采用电工纯铁，长时间使用不会产生剩磁现象，线圈骨架使用阻燃增强尼龙塑料注塑成型，绝缘性能好、阻燃、耐有限公司固使用国标紫铜漆包线。
- 1, loss type electromagnet is one of many electromagnets, usually known as electrified degaussing electromagnet, degaussing electromagnet, permanent magnet, hereinafter referred to as loss type electromagnet. The power loss type is the use of permanent magnets in the product to generate a magnetic field, the use of current wire coil to offset the permanent magnet ferromagnetism, with magnetic conductive materials as the medium, so that it has a magnetic device like ordinary permanent magnets, its material should be made of pure iron or steel that is easy to magnetize and easy to disappear magnetism, so that it is magnetic when it is not energized, after energized magnetism will disappear.
- 2, the product shell is made of pure electrical iron, long-term use will not produce residual magnetic phenomenon, coil skeleton using flame retardant reinforced nylon plastic injection molding, good insulation performance, flame retardant, resistance to the company fixed use of national standard copper enamel wire.

安装及使用方法 / Installation and Use Method

- 1、电磁铁使用直流电源，常用电压为 DC12V DC24V，使用以产品标示为准（特殊要求提供技术参数可以定制）
 - 2、接线示意图【红色正极黑色负极】
 - 3、在额定电压范围内可以通过调节电压大小来调节吸力大小（正比关系）
 - 4、用螺丝连接背后螺丝孔来固定使用
1. The electromagnet uses DC power supply, the common voltage is DC12V DC24V, the use of the product label shall prevail (special requirements to provide technical parameters can be customized)
2. Wiring schematic circumference [red positive electrode black negative electrode]
3. In the rated voltage range can be adjusted by adjusting the voltage size to adjust the suction size (proportional relationship)
4. Use screws to connect the screw hole behind to fix the use

使用环境 / Use Environment

- 1、避免长时间吸附高温铁件

2、使用当中自身会产生热量，让其处于自然散热状态

3、在高温环境下使用要外加散热装置，如：水冷、风冷等（水冷需委做防水保护）自身温度应控制在 60 度以内

4、如户外、水下成复条环境中使用，烦请联系本公司说明，可订制

5、吸合面勿与坚硬棱角物件撞击，吸合面一旦凹凸不平使吸力值力下降，影响吸附效果。
1. Avoid long-term adsorption of high-temperature iron parts

2. The use of itself will generate heat, so that it is in a natural heat dissipation state

3. In the high temperature environment to use additional heat dissipation device, such as: water cooling, air cooling, etc. (water cooling needs to be entrusted with waterproof protection) its own temperature should be controlled within 60 degrees

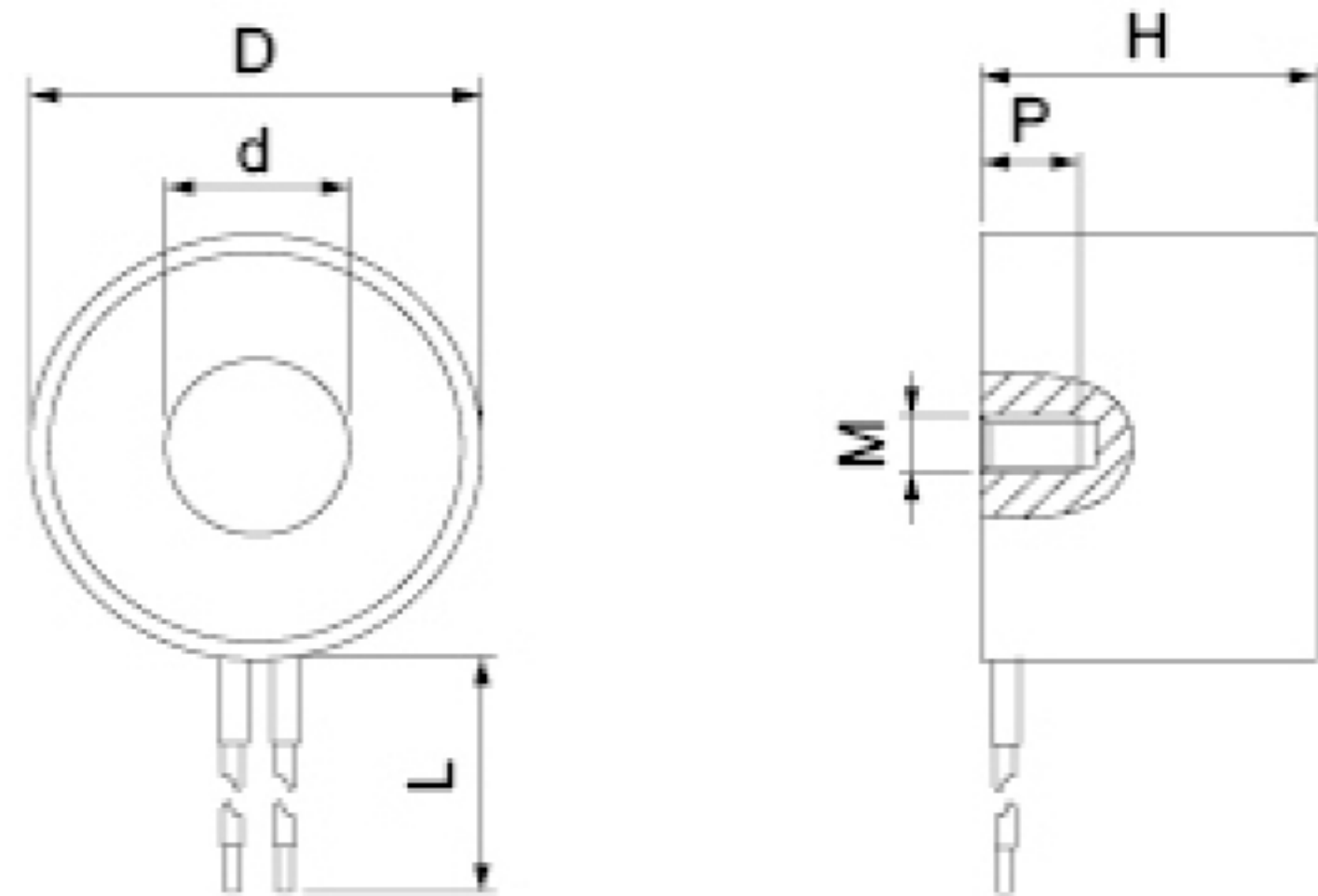
4. Such as outdoor, underwater into multiple environmental use, please contact the company instructions, can be customized

5. The suction surface and the hard edge of the object impact, once the suction surface is uneven, the suction value will decrease, affecting the adsorption effect.

技术参数 / Technical Parameter

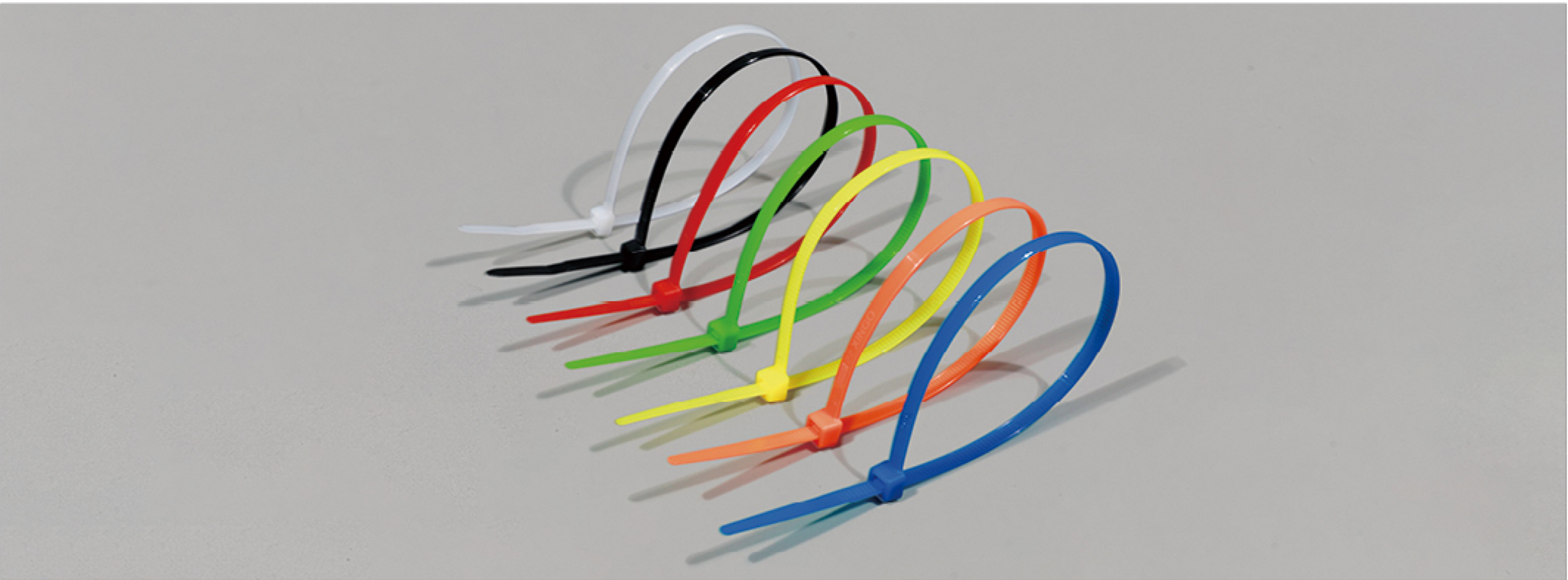
型号 / 规格 Model/ Specification	直径 Diameter (D)	吸合面 Actuating surface (d)	高度 Height (H)	螺纹孔 Threaded hole (M)	电流 Electric current (A)	电压 Voltage (24V)	功率 Power (W)	吸附力度 Adsorption strength (kg)	自重 Weight (g)
KK-P10/10D	10	4	10	M2	0.18A	24	2.2W	0.5KG	24g
KK-P12/12D	12	6	12	M3	0.35A	24	4.4W	1KG	8g
KK-P15/15D	15	6	15	M4	0.26A	24	3.2W	2.5KG	15g
KK-P20/23D	20	8	23	M3	0.37A	24	4.4W	4.5KG	30g
KK-P25/29D	25	12	29	M4	0.56A	24	6.7W	10KG	60g
KK-P30/25D	30	14	25	M6	1A	24	12.8W	15KG	90g
KK-P34/25D	34	16	25	M5	1.34A	24	16.5W	30KG	150g
KK-P40/25D	40	20	25	M5	2.1A	24	26W	35KG	200g
KK-P40/29D	40	20	29	M5	1.23A	24	15.5W	40KG	220g
KK-P50/29D	50	24	29	M8	1.08A	24	14W	50KG	300g
KK-P63/29D	63	28	29	M8	2.5A	24	33.8W	95KG	700g
KK-P82/45D	82	40	45	M8	3.75A	24	45W	190KG	1300g
KK-P10/10D	10	4	10	M2	0.1A	12	2.5W	0.5KG	24g
KK-P12/12D	12	6	12	M3	0.22A	12	5.2W	1KG	8g
KK-P15/15D	15	6	15	M4	0.13A	12	3.2W	2.5KG	15g
KK-P20/23D	20	8	23	M3	0.16A	12	4.1W	4.5KG	30g
KK-P25/29D	25	12	29	M4	0.28A	12	6.8W	10KG	60g
KK-P30/25D	30	14	25	M6	0.51A	12	12.5W	15KG	90g
KK-P34/25D	34	16	25	M5	0.26A	12	15.7W	30KG	150g
KK-P40/25D	40	20	25	M5	1.15A	12	29W	35KG	200g
KK-P40/29D	40	20	29	M5	0.52A	12	14W	40KG	220g
KK-P50/29D	50	24	29	M8	0.5A	12	12.1W	50KG	300g
KK-P63/29D	63	28	29	M8	1.3A	12	32W	95KG	700g
KK-P82/45D	82	40	45	M8	1.76A	12	43W	190KG	1300g

外形尺寸 / Overall Dimension



KKG 型优质无卤尼龙扎带线

KKG High Quality Halogen-Free Nylon Cable Tie



产品详情 / Product Description

- ◎ 材质：采用进口尼龙 66(NYLON66) 制成，

◎ 防火等级 94V-2，绝缘性良好，耐久性不易老化折断

◎ 特点：无锋利部位：备有让指头握紧的末端：扎带末端设计成易入式

◎ 颜色：白色，黑色，其它颜色需定做

◎ 认证：美国 UL:E306674, 欧盟 CE, 欧盟 RoHS 环保 ,REACH.

◎ 特性：品质优良，捆扎后静态 -40℃耐热至 85℃不易断裂松开

◎ 使用方法：将扎带末端穿过带孔一拉，即可牢牢扣住，配日成扎线枪束紧切断
- ◎ Material: Made of imported nylon 66(NYLON66),

◎ Fire rating 94V-2, good insulation, durability is not easy to break

◎ Features: No sharp parts: with fingers to grip the end: the end of the cable tie is designed to be easy to enter

◎ Color: White, black, other colors need to be customized

◎ Certification: US UL:E306674, EU CE, EU RoHS Environmental Protection,REACH.

◎ Features: Excellent quality, static -40 °C heat resistance to 85 °C after bundling is not easy to break loose

◎ Usage: Pull the end of the cable tie through the belt hole, then it can be firmly fastened, and cut off with the sun binding gun

技术参数 / Technical Parameter

型号 Item No.				长度 Lenght L		宽度 Width W		捆扎范围 Bundle Diameter E		承受拉力 Tensle Strength	
本色 Natural		黑色 Black		mm	inch	mm	inch	mm	inch	kgs	ilbs
1000pcs	100pcs	1000pcs	100pcs								
G80M/K	G80M	G80MB/K	G80MB	80	3.15	2.4	0.09	15	0.59	8	18
G90M/K	G90M	G90MB/K	G90MB	90	3.54	2.4	0.09	16	0.63	8	18
G100M/K	G100M	G100MB/K	G100MB	100	3.94	2.5	0.1	22	0.87	8.1	18
G120M/K	G120M	G120MB/K	G120MB	120	4.72	2.5	0.1	30	1.18	8.1	18
G140M/K	G140M	G140MB/K	G140MB	140	5.51	2.5	0.1	33	1.3	8.1	18
G150M/K	G150M	G150MB/K	G150MB	150	5.91	2.5	0.1	35	1.38	8.1	18
G160M/K	G160M	G160MB/K	G160MB	160	6.30	2.5	0.1	38	1.5	8.1	18
G200M/K	G200M	G200MB/K	G200MB	200	7.87	2.5	0.1	53	2.09	8.1	18
G250M/K	G250M	G250MB/K	G250MB	250	9.84	2.8	0.11	65	2.56	14	31
G300M/K	G300M	G300MB/K	G300MB	300	11.81	2.8	0.11	76	2.99	14	31
G120I/K	G120I	G120IB/K	G120IB	120	4.72	3.6	0.14	30	1.18	18.2	40
G140I/K	G140I	G140IB/K	G140IB	140	5.51	3.6	0.14	33	1.3	18.2	40
G150I/K	G150I	G150IB/K	G150IB	150	5.91	3.6	0.14	35	1.38	18.2	40
G180I/K	G180I	G180IB/K	G180IB	180	7.09	3.6	0.14	44	1.73	18.2	40
G200I/K	G200I	G200IB/K	G200IB	200	7.87	3.6	0.14	52	2.05	18.2	40
G215I/K	G215I	G215IB/K	G215IB	215	8.46	3.6	0.14	56	2.2	18.2	40
G250I/K	G250I	G250IB/K	G250IB	250	9.84	3.6	0.14	65	2.56	18.2	40
G300I/K	G300I	G300IB/K	G300IB	300	11.81	3.6	0.14	76	2.99	18.2	40
G370I/K	G370I	G370IB/K	G370IB	370	14.57	3.6	0.14	102	4.02	18.2	40

技术参数 / Technical Parameter

型号 Item No.				长度 Lenght L		宽度 Width W		捆扎范围 Bundle Diameter E		承受拉力 Tensle Strength	
本色 Natural		黑色 Black		mm	inch	mm	inch	mm	inch	kgs	ilbs
1000pcs	100pcs	1000pcs	100pcs								
G120ST/K	G120ST	G120STB/K	G120STB	120	4.725	4.8	0.19	24	0.94	22.2	50
G150ST/K	G150ST	G150STB/K	G150STB	150	5.91	4.8	0.19	35	1.38	22.2	50
G160ST/K	G160ST	G160STB/K	G160STB	160	6.30	4.8	0.19	38	1.5	22.2	50
G190ST/K	G190ST	G190STB/K	G190STB	190	7.48	4.8	0.19	46	1.81	22.2	50
G200ST/K	G200ST	G200STB/K	G200STB	200	7.87	4.8	0.19	50	1.97	22.2	50
G215ST/K	G215ST	G215STB/K	G215STB	215	8.46	4.8	0.19	53	2.09	22.2	50
G250ST/K	G250ST	G250STB/K	G250STB	250	9.84	4.8	0.19	60	2.36	22.2	50
G280ST/K	G280ST	G280STB/K	G280STB	280	11.02	4.8	0.19	70	2.76	22.2	50
G300ST/K	G300ST	G300STB/K	G300STB	300	11.81	4.8	0.19	76	2.99	22.2	50
G370ST/K	G370ST	G370STB/K	G370STB	370	14.57	4.8	0.19	102	4.02	22.2	50
G390ST/K	G390ST	G390STB/K	G390STB	390	15.35	4.8	0.19	105	4.13	22.2	50
-	G430ST	-	G430STB	430	16.93	4.8	0.19	110	4.33	22.2	50
-	G450ST	-	G450STB	450	17.72	4.8	0.19	116	4.57	22.2	50
-	G530ST	-	G530STB	530	20.87	4.8	0.19	140	5.51	22.2	50
-	G550ST	-	G550STB	550	21.65	4.8	0.19	145	5.71	22.2	50
-	G635ST	-	G635STB	635	25.00	4.8	0.19	190	7.48	22.2	50
-	G685ST	-	G685STB	685	26.97	4.8	0.19	205	8.07	22.2	50
-	G730ST	-	G730STB	730	28.94	4.8	0.19	224	8.82	22.2	50
-	G830ST	-	G830STB	830	32.68	4.8	0.19	254	10	22.2	50
-	G920ST	-	G920STB	920	36.42	4.8	0.19	263	10.35	22.2	50

本目录产品之规格与尺寸可能因任何因素而更改，恕不另行通知。
Dimensions and specifications may be changed without prior notice.

配线器材

Wiring Equipment



快速分线接线分线夹 Quick Branch Cable Splitter Clamp



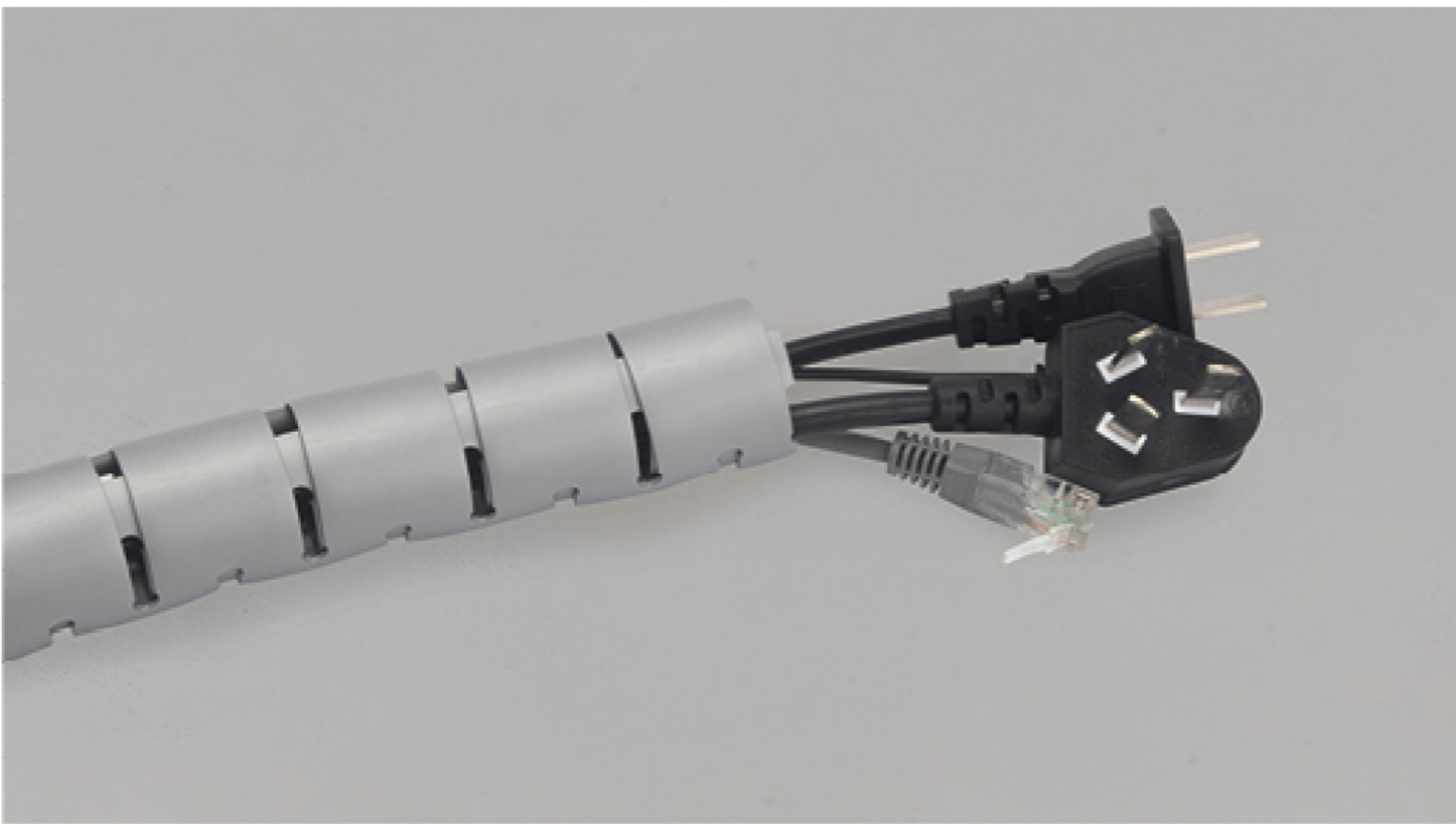
压接端子 Crimp Terminal



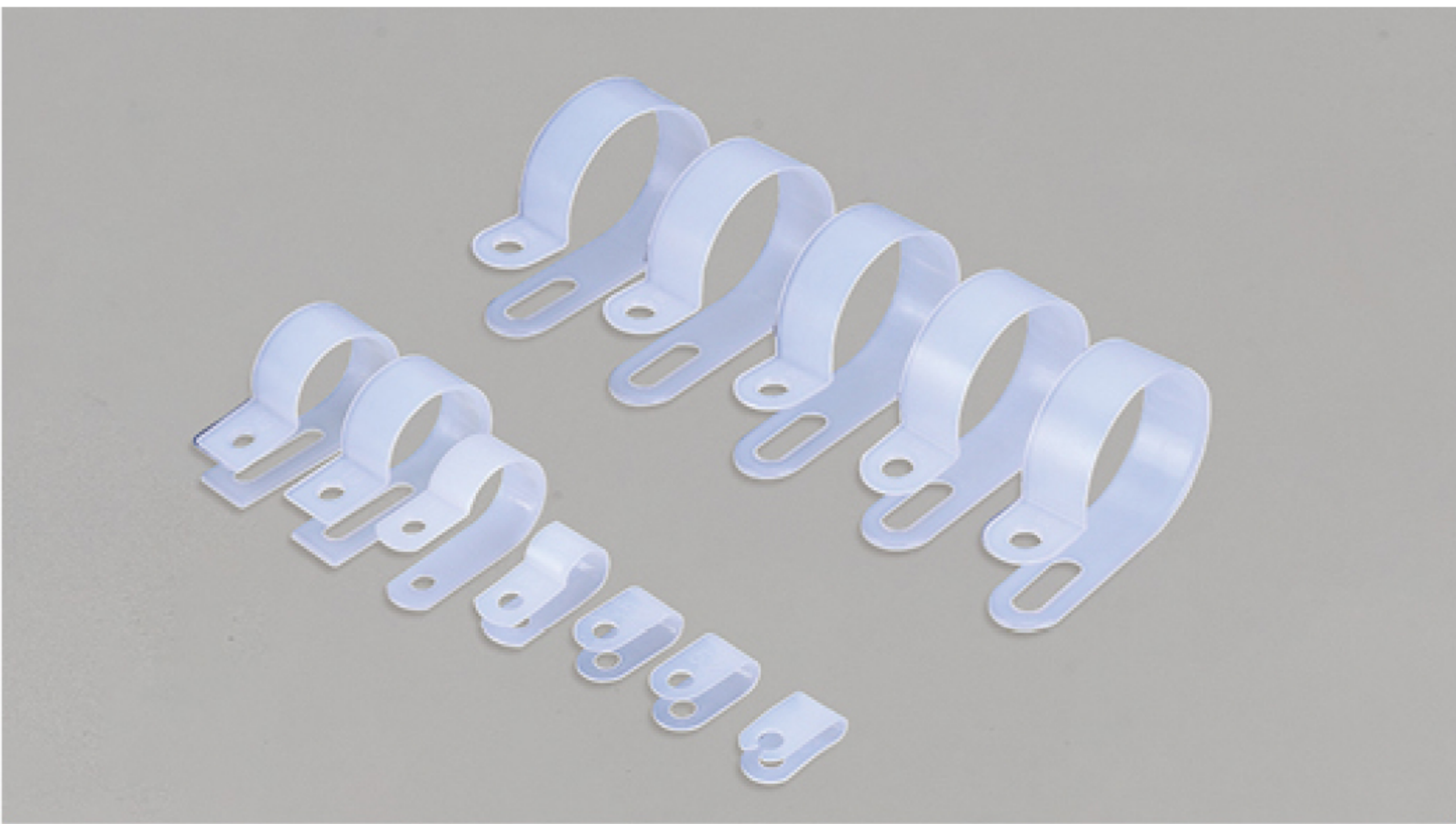
螺旋式压线帽 Screw On Wire Joints



绝缘软套管 Insulating Flexible Bushing



电源线扣 Strain Relief Bushing



R 型固定架 R-Type Clamp



黄腊管 Yellow Wax Tube

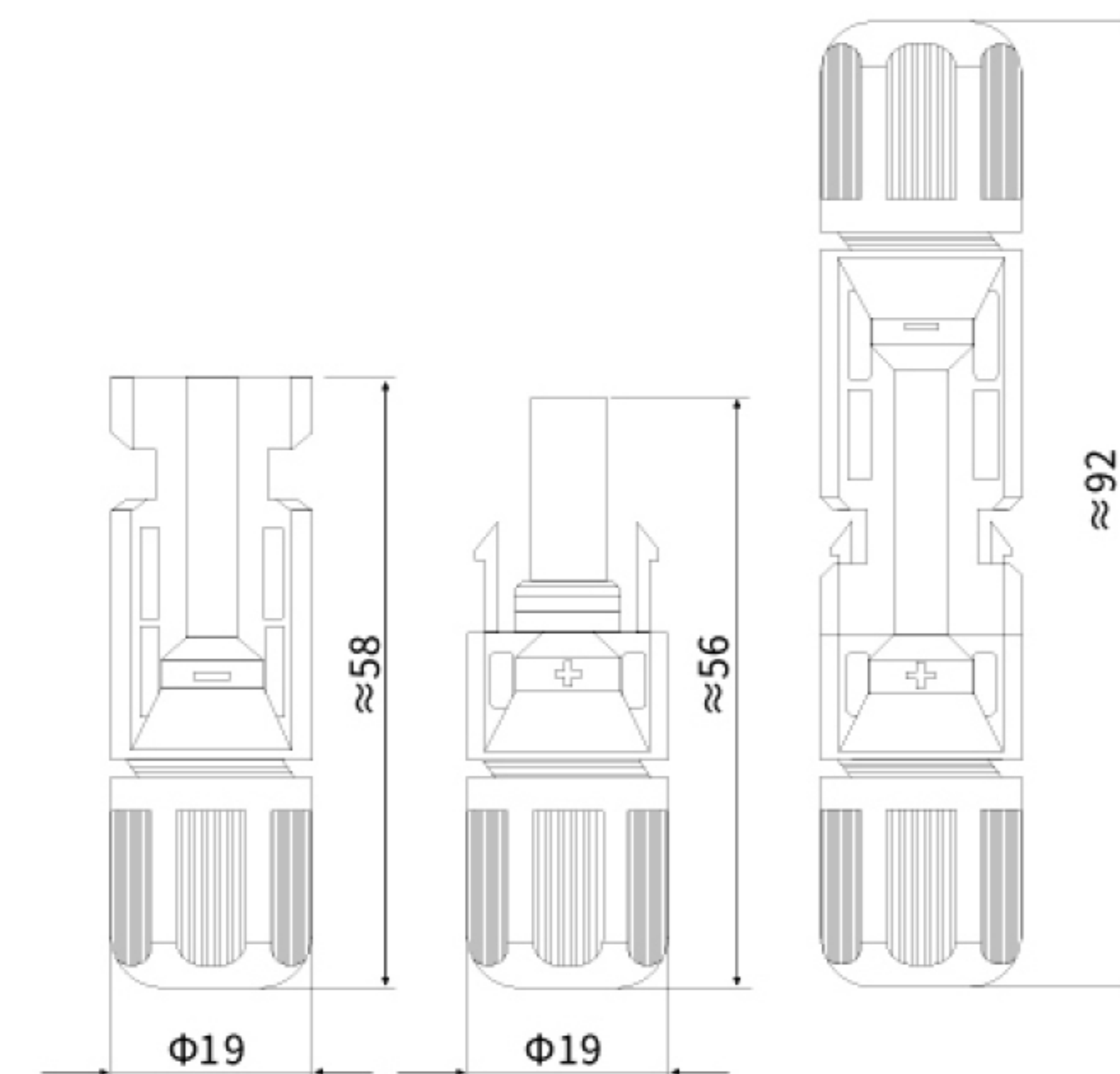


螺旋缠绕带 Spiral Wrapping Bands

光伏连接器

PV connector

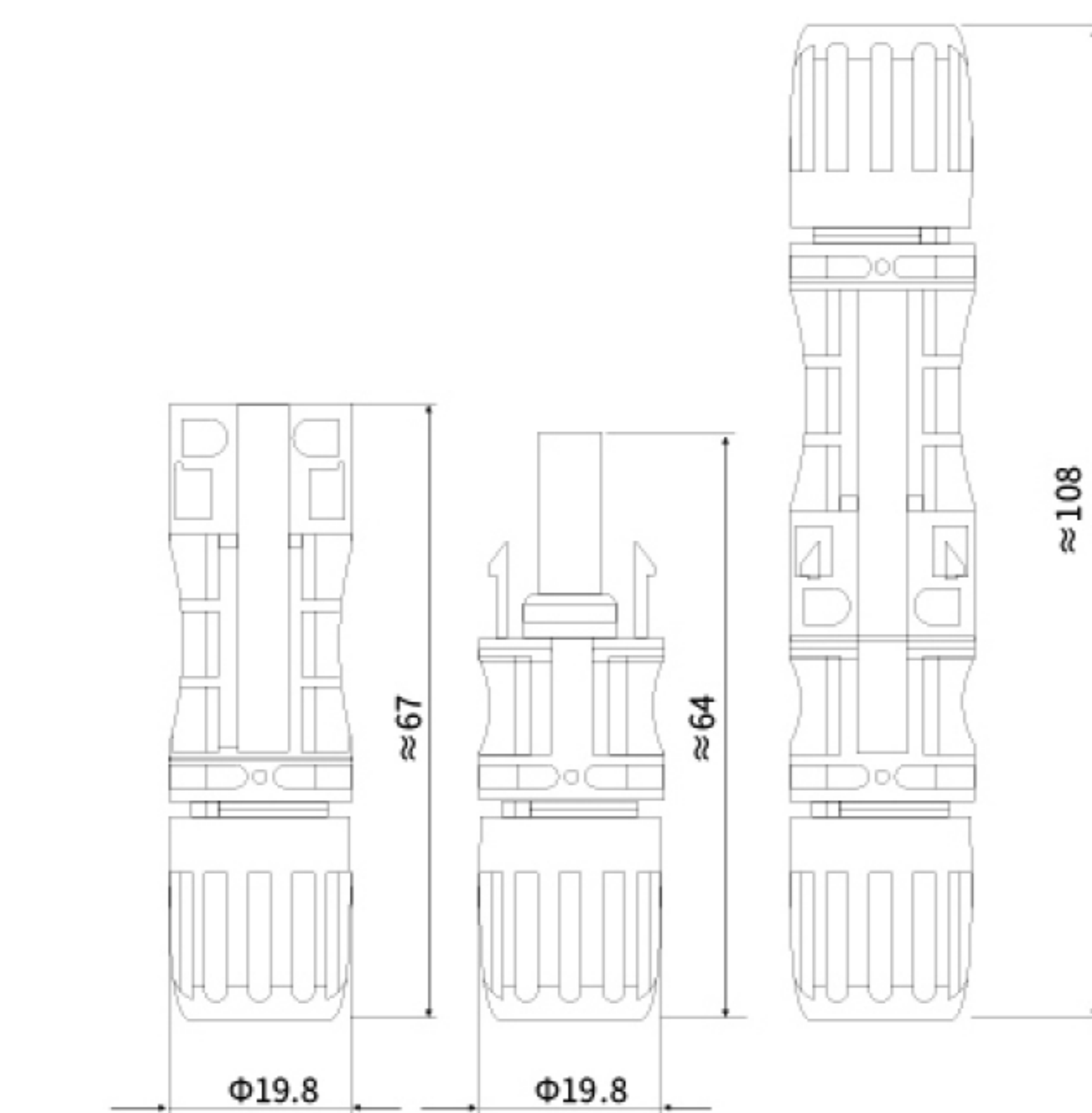
太阳能直流连接器 PV-THC-01 Solar DC Connector



额定电流：30A 或 50A
 额定电压：1000VDC(IEC)DC(UL)
 环境温度范围：-40°C ~+90°C (ec)
 防护级别：IP67 防护等级 IP2X 防护等级
 插头连接器的接触电阻：0.5mΩ
 接触材料：紫铜，镀锡
 连接方式：嵌入式 (nur/only MC4)
 阻燃等级：UL94-HB/UL94-VO
 电缆尺寸：2.5-6mm²

Rated current:30A or 50A
 Rated voltage:1000VDC(IEC) DC(UL)
 Ambient temperature range:-40°C ~+90°C (ec)
 Degree of protection:IP67mated IP2X unmated
 Contact resistance of plug connectors:0.5mΩ
 Contact material:Copper, tin plated
 Locking system plug connectors:Snap-in(nur/only MC4)
 Flame class:UL94-HB/UL94-VO
 Cable size:2.5-6mm²

太阳能直流连接器 PV-THC-02 Solar DC Connector



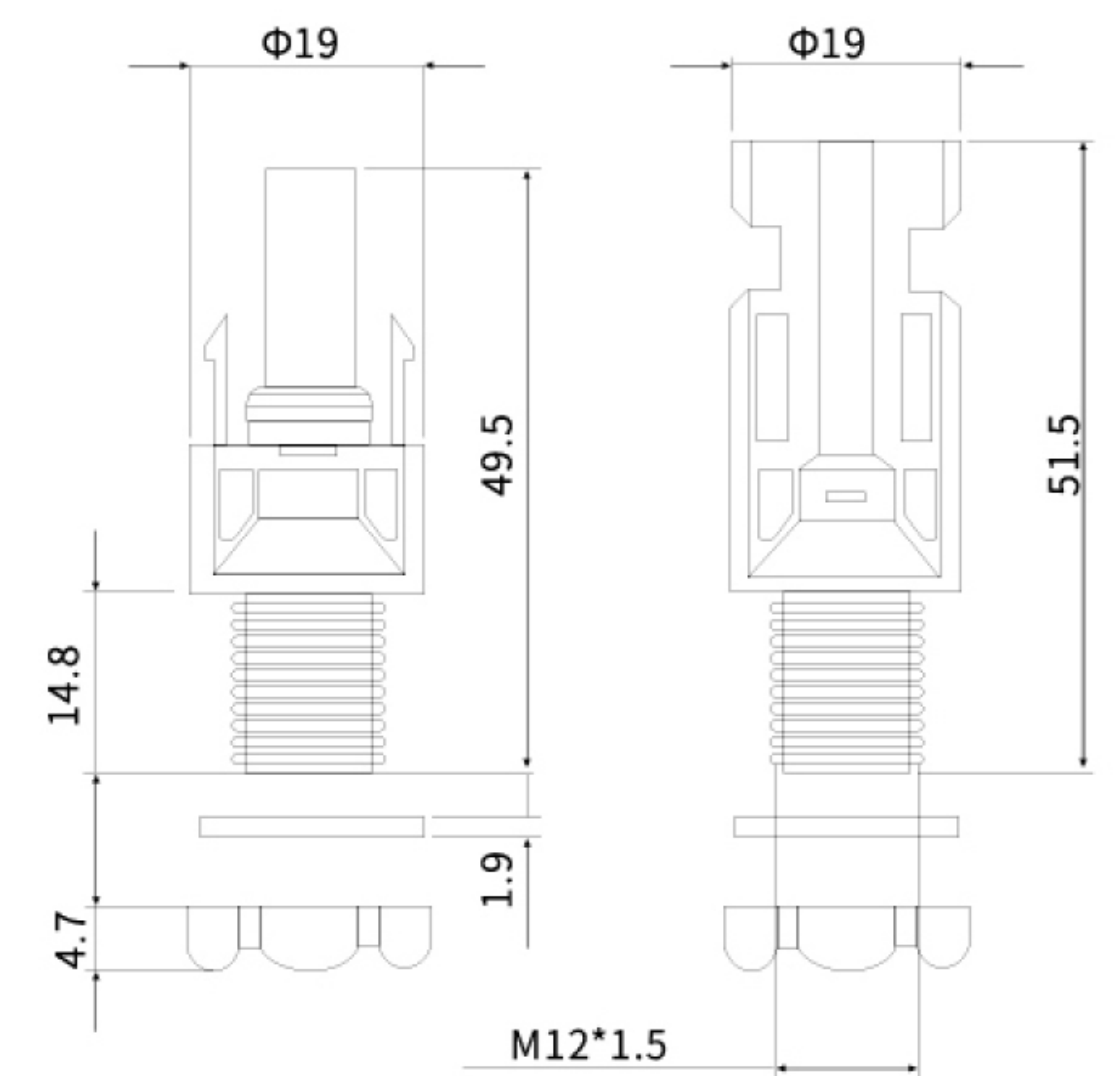
额定电流：30A 或 50A
 额定电压：1500VDC(IEC)DC(UL)
 环境温度范围：-40°C ~+90°C (ec)
 防护级别：IP67 防护等级 IP2X 防护等级
 插头连接器的接触电阻：0.5mΩ
 接触材料：紫铜，镀锡
 连接方式：嵌入式 (nur/only MC4)
 阻燃等级：UL94-HB/UL94-VO
 电缆尺寸：2.5-10mm²

Rated current:30A or 50A
 Rated voltage:1500VDC(IEC) DC(UL)
 Ambient temperature range:-40°C ~+90°C (ec)
 Degree of protection:IP67mated IP2X unmated
 Contact resistance of plug connectors:0.5mΩ
 Contact material:Copper, tin plated
 Locking system plug connectors:Snap-in(nur/only MC4)
 Flame class:UL94-HB/UL94-VO
 Cable size:2.5-10mm²

光伏连接器

PV connector

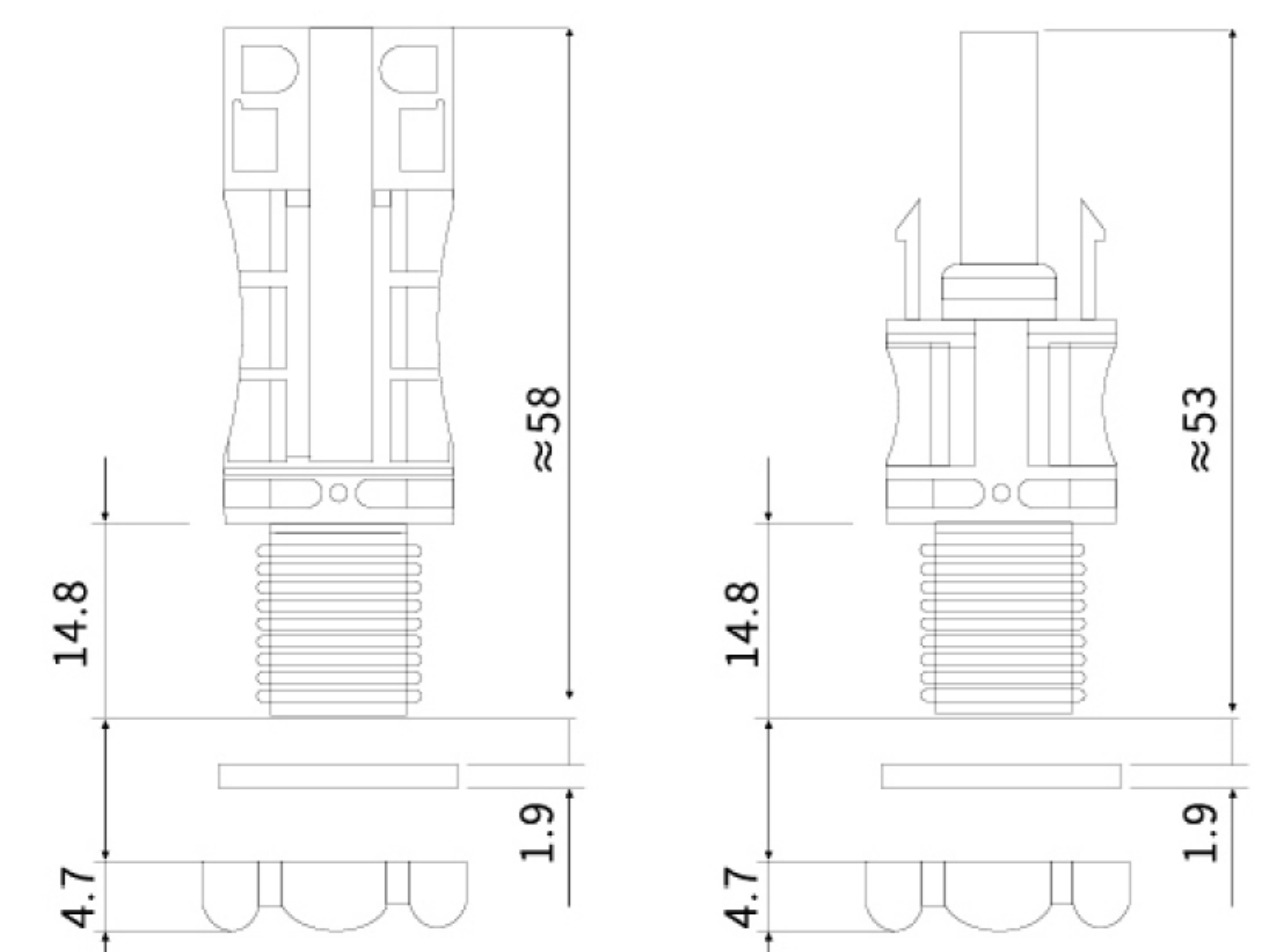
太阳能直流连接器 PV-THC-04 Solar DC Connector



额定电流：30A 或 50A
 额定电压：1000VDC(IEC)DC(UL)
 环境温度范围：-40°C ~+90°C (ec)
 防护级别：IP67 防护等级 IP2X 防护等级
 插头连接器的接触电阻：0.5mΩ
 接触材料：紫铜，镀锡
 连接方式：嵌入式 (nur/only MC4)
 阻燃等级：UL94-HB/UL94-VO
 电缆尺寸：2.5-6mm²

Rated current:30A or 50A
 Rated voltage:1000VDC(IEC) DC(UL)
 Ambient temperature range:-40°C ~+90°C (ec)
 Degree of protection:IP67mated IP2X unmated
 Contact resistance of plug connectors:0.5mΩ
 Contact material:Copper, tin plated
 Locking system plug connectors:Snap-in(nur/only MC4)
 Flame class:UL94-HB/UL94-VO
 Cable size:2.5-6mm²

太阳能直流连接器 PV-THC-03 Solar DC Connector



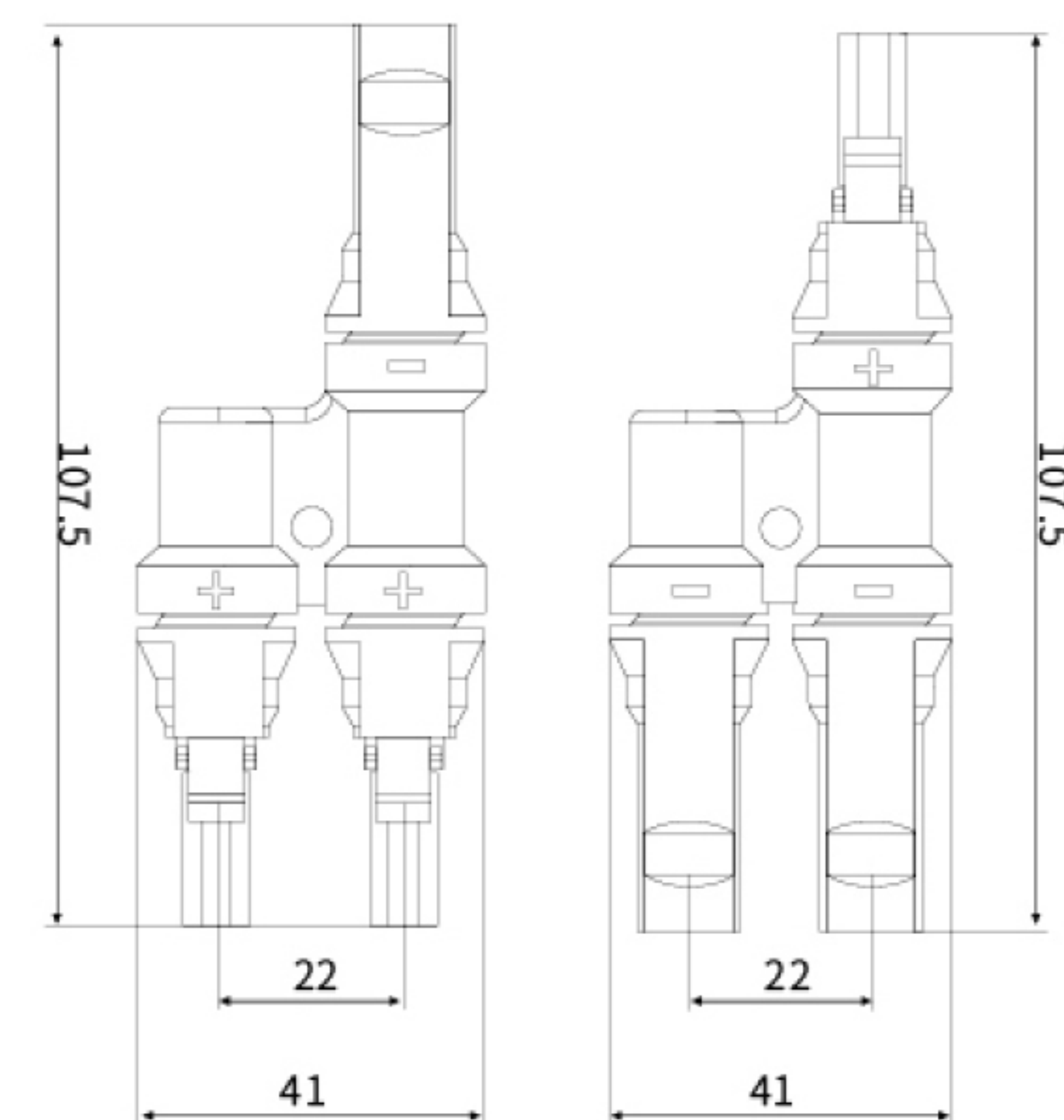
额定电流：30A 或 50A
 额定电压：1500VDC(IEC)DC(UL)
 环境温度范围：-40°C ~+90°C (ec)
 防护级别：IP67 防护等级 IP2X 防护等级
 插头连接器的接触电阻：0.5mΩ
 接触材料：紫铜，镀锡
 连接方式：嵌入式 (nur/only MC4)
 阻燃等级：UL94-HB/UL94-VO
 电缆尺寸：2.5-10mm²

Rated current:30A or 50A
 Rated voltage:1500VDC(IEC) DC(UL)
 Ambient temperature range:-40°C ~+90°C (ec)
 Degree of protection:IP67mated IP2X unmated
 Contact resistance of plug connectors:0.5mΩ
 Contact material:Copper, tin plated
 Locking system plug connectors:Snap-in(nur/only MC4)
 Flame class:UL94-HB/UL94-VO
 Cable size:2.5-10mm²

光伏连接器

PV connector

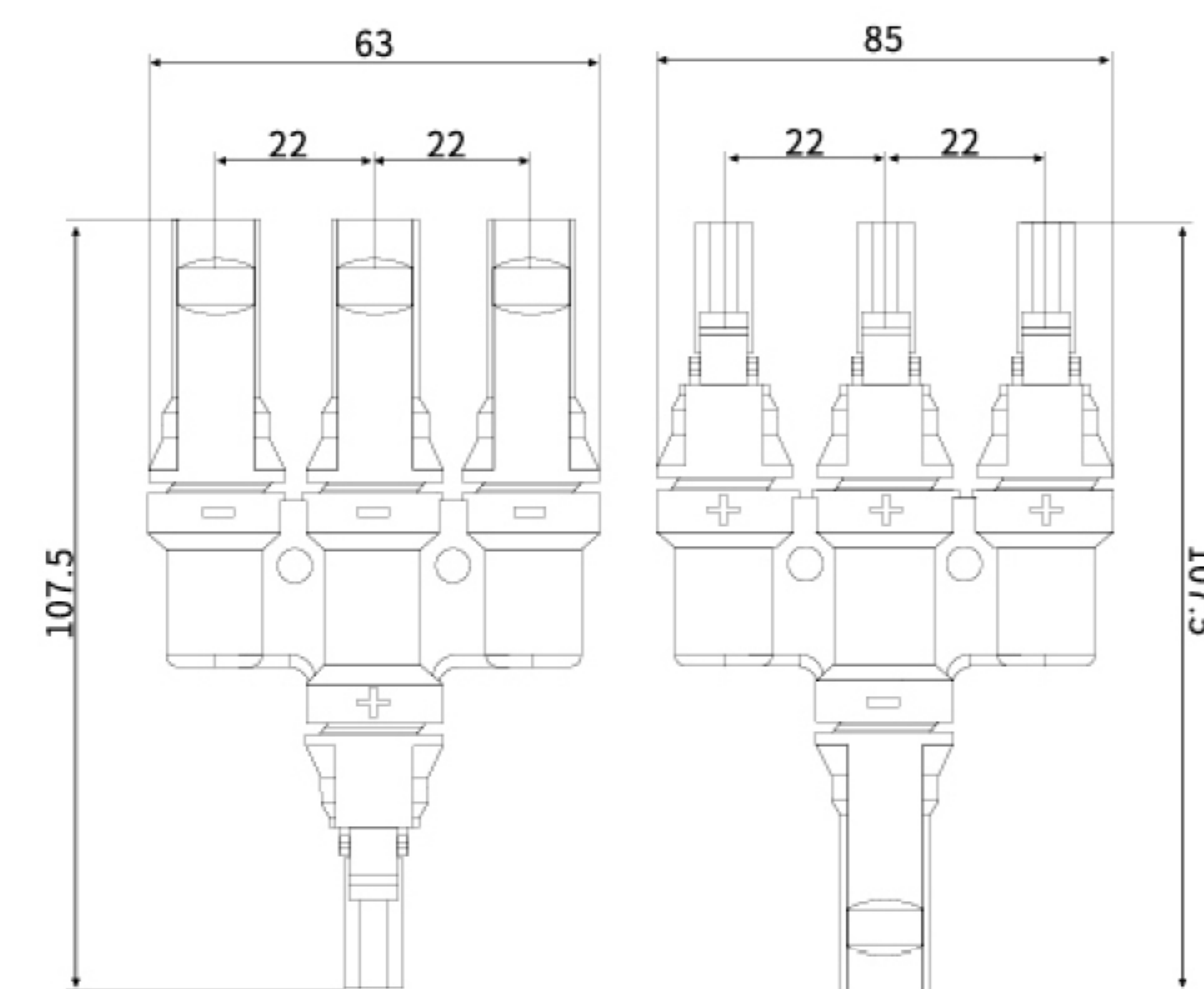
分支连接器 Branch connector PV- THC-T1/2



额定电流：50A
 额定电压：1500VDC(IEC)800VDC(UL)
 环境温度范围：-40°C ~+90°C (ec)
 防护级别：IP67 防护等级 IP2X 防护等级
 插头连接器的接触电阻：0.5mΩ
 接触材料：紫铜，镀锡
 连接方式：嵌入式 (nur/only MC4)
 阻燃等级：UL94-HB/UL94-VO
 电缆尺寸：2.5mm²、4mm²、6mm²
 二极管 / 熔丝型：肖特基二极管 / 光伏熔丝

Rated current:50A
 Rated voltage:1500VDC(IEC) 800VDC(UL)
 Ambient temperature range:-40°C ~+90°C (ec)
 Degree of protection:IP67mated IP2X unmated
 Contact resistance of plug connectors:0.5mΩ
 Contact material:Copper, tin plated
 Locking system plug connectors:Snap-in(nur/only MC4)
 Flame class:UL94-HB/UL94-VO
 Cable size:2.5mm²、4mm²、6mm²
 Diode/Fuse Type: Schottky Diode/PV Fuse

分支连接器 Branch connector PV- THC-T1/3



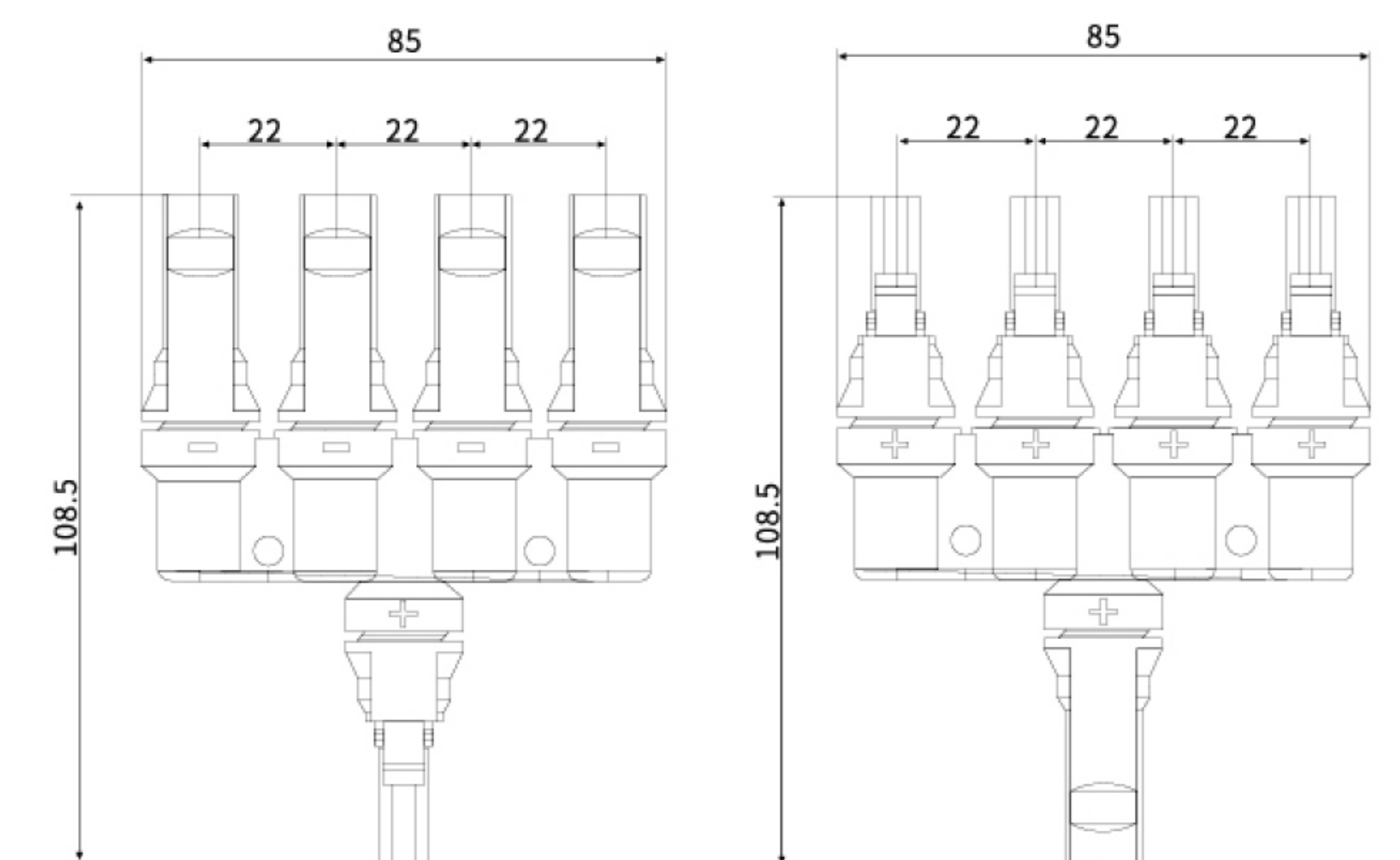
额定电流：50A
 额定电压：1500VDC(IEC)800VDC(UL)
 环境温度范围：-40°C ~+90°C (ec)
 防护级别：IP67 防护等级 IP2X 防护等级
 插头连接器的接触电阻：0.5mΩ
 接触材料：紫铜，镀锡
 连接方式：嵌入式 (nur/only MC4)
 阻燃等级：UL94-HB/UL94-VO
 电缆尺寸：2.5mm²、4mm²、6mm²
 二极管 / 熔丝型：肖特基二极管 / 光伏熔丝

Rated current:50A
 Rated voltage:1500VDC(IEC) 800VDC(UL)
 Ambient temperature range:-40°C ~+90°C (ec)
 Degree of protection:IP67mated IP2X unmated
 Contact resistance of plug connectors:0.5mΩ
 Contact material:Copper, tin plated
 Locking system plug connectors:Snap-in(nur/only MC4)
 Flame class:UL94-HB/UL94-VO
 Cable size:2.5mm²、4mm²、6mm²
 Diode/Fuse Type: Schottky Diode/PV Fuse

光伏连接器

PV connector

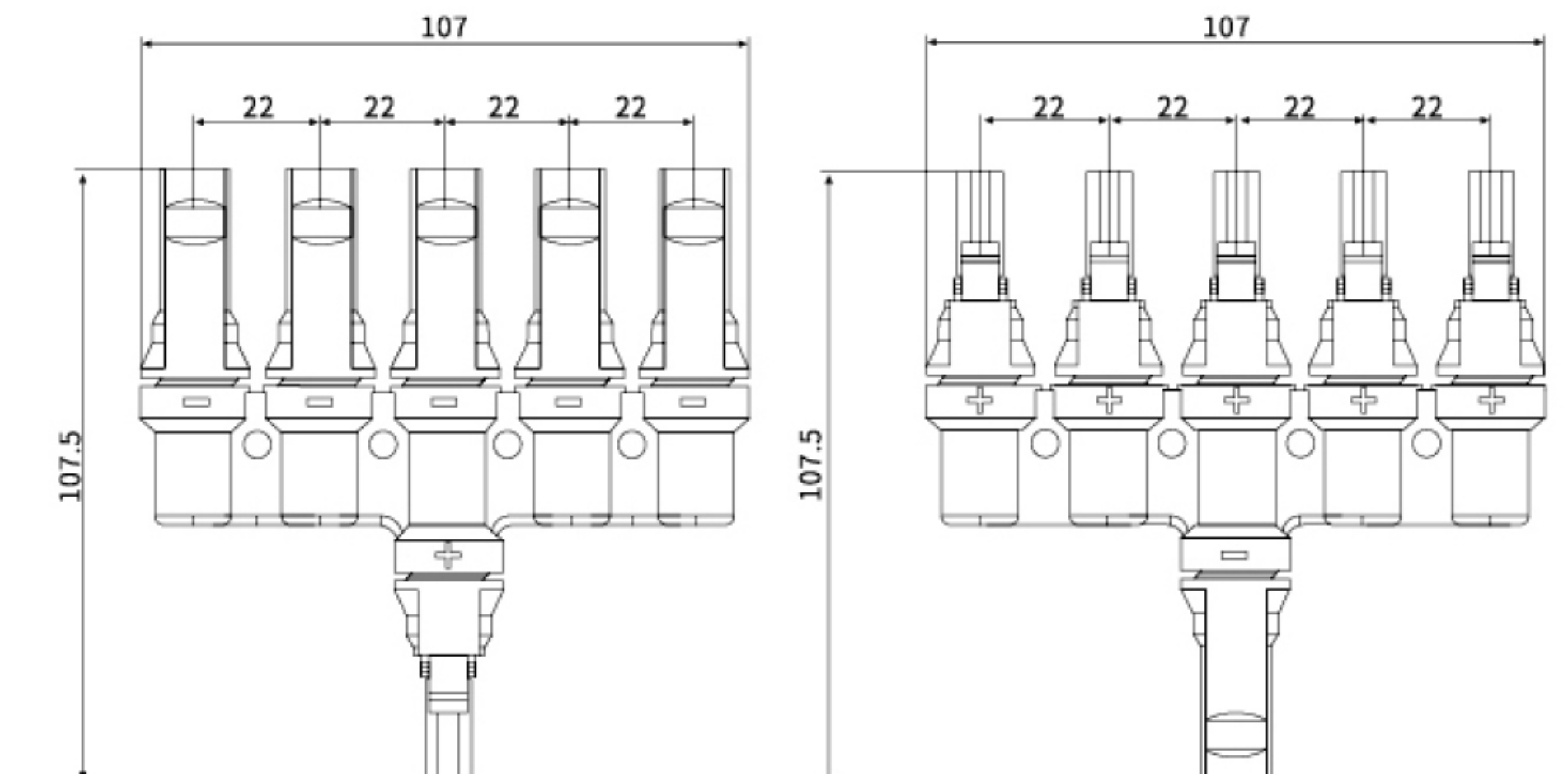
分支连接器 Branch connector PV- THC-T1/4



额定电流：50A
 额定电压：1500VDC(IEC)800DC(UL)
 环境温度范围：-40°C ~+90°C (ec)
 防护级别：IP67 防护等级 IP2X 防护等级
 插头连接器的接触电阻：0.5mΩ
 接触材料：紫铜，镀锡
 连接方式：嵌入式 (nur/only MC4)
 阻燃等级：UL94-HB/UL94-VO
 电缆尺寸：2.5mm²、4mm²、6mm²
 二极管 / 熔丝型：肖特基二极管 / 光伏熔丝

Rated current:50A
 Rated voltage:1500VDC(IEC) 800DC(UL)
 Ambient temperature range:-40°C ~+90°C (ec)
 Degree of protection:IP67mated IP2X unmated
 Contact resistance of plug connectors:0.5mΩ
 Contact material:Copper, tin plated
 Locking system plug connectors:Snap-in(nur/only MC4)
 Flame class:UL94-HB/UL94-VO
 Cable size:2.5mm²、4mm²、6mm²
 Diode/Fuse Type: Schottky Diode/PV Fuse

分支连接器 Branch connector PV- THC-T1/5



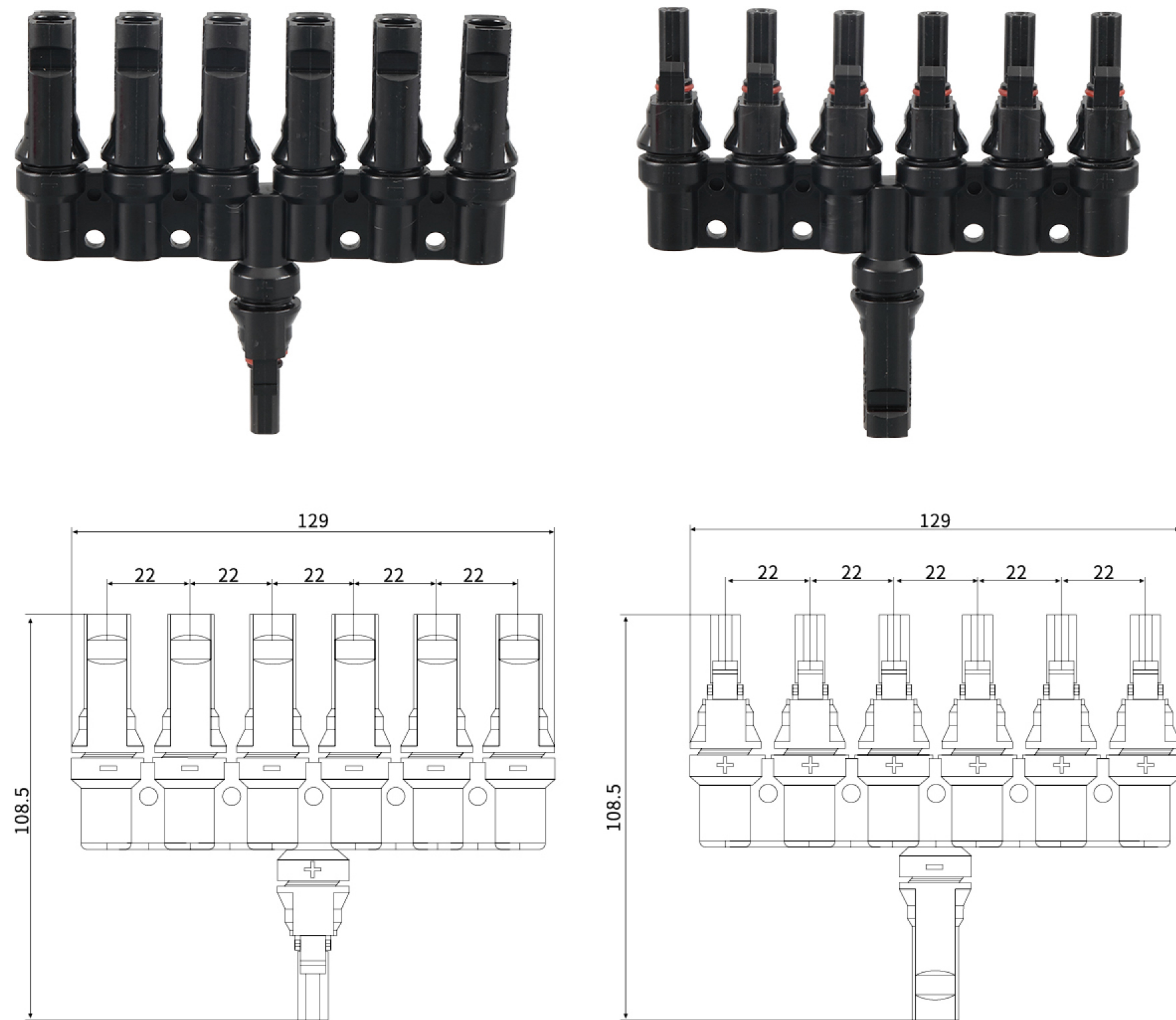
额定电流：50A
 额定电压：1500VDC(IEC)800DC(UL)
 环境温度范围：-40°C ~+90°C (ec)
 防护级别：IP67 防护等级 IP2X 防护等级
 插头连接器的接触电阻：0.5mΩ
 接触材料：紫铜，镀锡
 连接方式：嵌入式 (nur/only MC4)
 阻燃等级：UL94-HB/UL94-VO
 电缆尺寸：2.5mm²、4mm²、6mm²
 二极管 / 熔丝型：肖特基二极管 / 光伏熔丝

Rated current:50A
 Rated voltage:1500VDC(IEC) 800DC(UL)
 Ambient temperature range:-40°C ~+90°C (ec)
 Degree of protection:IP67mated IP2X unmated
 Contact resistance of plug connectors:0.5mΩ
 Contact material:Copper, tin plated
 Locking system plug connectors:Snap-in(nur/only MC4)
 Flame class:UL94-HB/UL94-VO
 Cable size:2.5mm²、4mm²、6mm²
 Diode/Fuse Type: Schottky Diode/PV Fuse

光伏连接器

PV connector

分支连接器 Branch connector PV- THC-T1/6



额定电流：50A

额定电压：1500VDC(IEC)800DC(UL)

环境温度范围：-40°C ~+90°C (ec)

防护级别：IP67 防护等级 IP2X 防护等级

插头连接器的接触电阻：0.5mΩ

接触材料：紫铜，镀锡

连接方式：嵌入式 (nur/only MC4)

阻燃等级：UL94-HB/UL94-VO

电缆尺寸：2.5mm²、4mm²、6mm²

二极管 / 熔丝型：肖特基二极管 / 光伏熔丝

Rated current:50A

Rated voltage:1500VDC(IEC) 800DC(UL)

Ambient temperature range:-40°C ~+90°C (ec)

Degree of protection:IP67mated IP2X unmated

Contact resistance of plug connectors:0.5mΩ

Contact material:Copper, tin plated

Locking system plug connectors:Snap-in(nur/only MC4)

Flame class:UL94-HB/UL94-VO

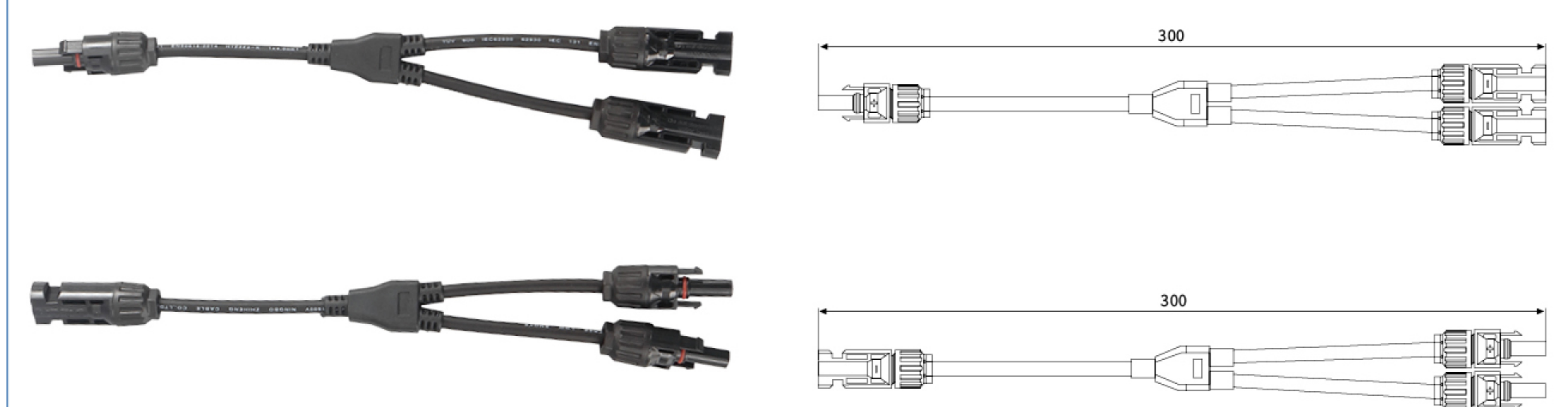
Cable size:2.5mm²、4mm²、6mm²

Diode/Fuse Type: Schottky Diode/PV Fuse

光伏连接器

PV connector

分支连接器 Branch connector PV- THC-Y1/2



额定电流：30A

额定电压：1000VDC(IEC)800DC(UL)

环境温度范围：-40°C ~+90°C (ec)

防护级别：IP67 防护等级 IP2X 防护等级

插头连接器的接触电阻：0.5mΩ

接触材料：紫铜，镀锡

锁定系统的连接方式：嵌入式 (nur/only MC4)

阻燃等级：UL94-HB/UL94-VO

电缆尺寸：2.5mm²、4mm²、6mm²

二极管 / 熔丝型：肖特基二极管 / 光伏熔丝

Rated current:30A

Rated voltage:1000VDC(IEC) 800DC(UL)

Ambient temperature range:-40°C ~+90°C (ec)

Degree of protection:IP67mated IP2X unmated

Contact resistance of plug connectors:0.5mΩ

Contact material:Copper, tin plated

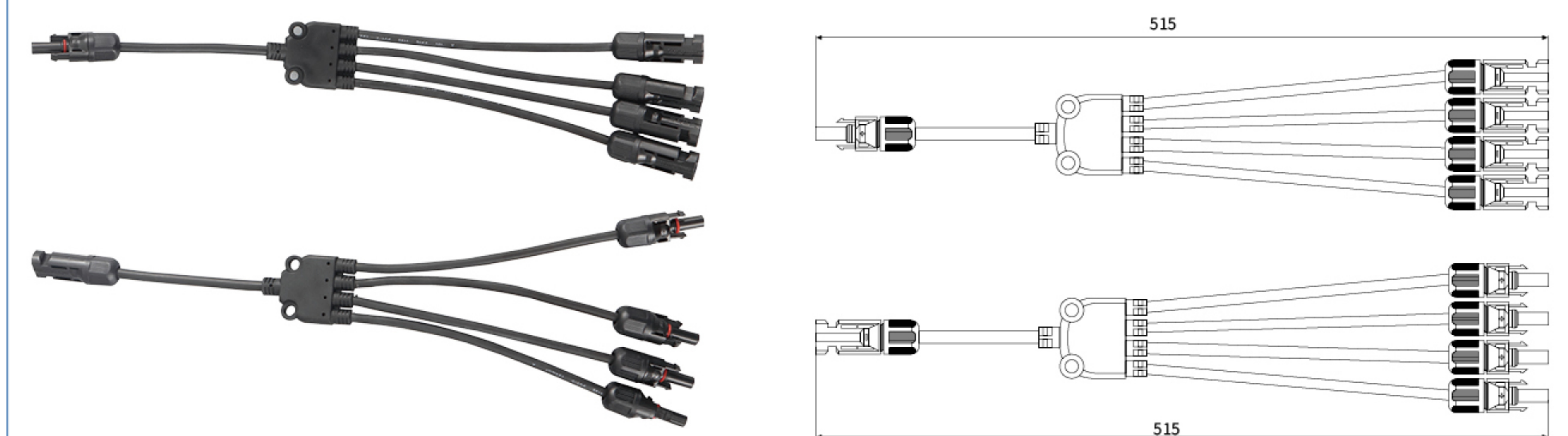
Locking system plug connectors:Snap-in(nur/only MC4)

Flame class:UL94-HB/UL94-VO

Cable size:2.5mm²、4mm²、6mm²

Diode/Fuse Type: Schottky Diode/PV Fuse

分支连接器 Branch connector PV- Y1/4



额定电流：30A

额定电压：1000VDC(IEC)800DC(UL)

环境温度范围：-40°C ~+90°C (ec)

防护级别：IP67 防护等级 IP2X 防护等级

插头连接器的接触电阻：0.5mΩ

接触材料：紫铜，镀锡

连接方式：嵌入式 (nur/only MC4)

阻燃等级：UL94-HB/UL94-VO

电缆尺寸：2.5mm²、4mm²、6mm²

二极管 / 熔丝型：肖特基二极管 / 光伏熔丝

Rated current:30A

Rated voltage:1000VDC(IEC) 800DC(UL)

Ambient temperature range:-40°C ~+90°C (ec)

Degree of protection:IP67mated IP2X unmated

Contact resistance of plug connectors:0.5mΩ

Contact material:Copper, tin plated

Locking system plug connectors:Snap-in(nur/only MC4)

Flame class:UL94-HB/UL94-VO

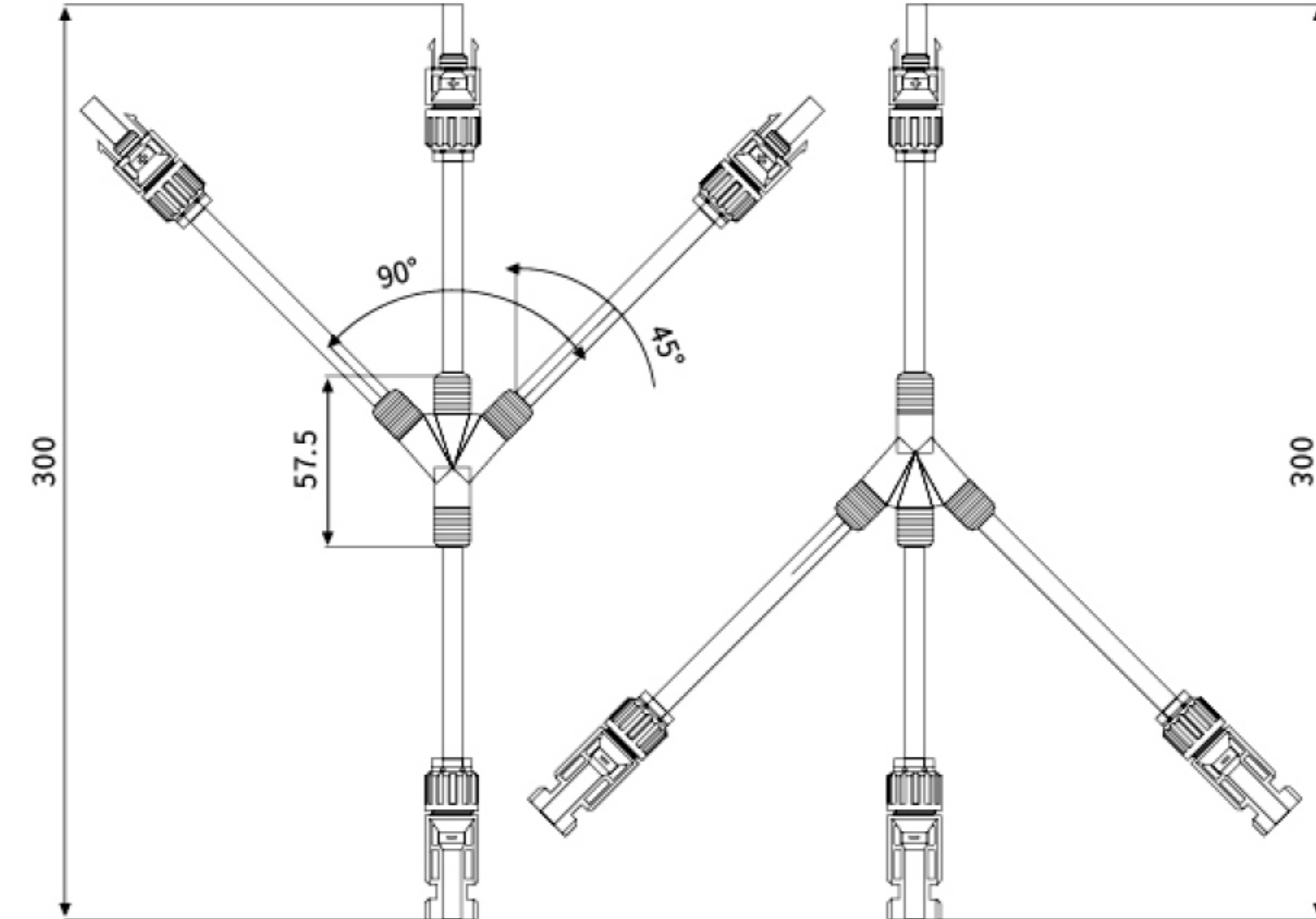
Cable size:2.5mm²、4mm²、6mm²

Diode/Fuse Type: Schottky Diode/PV Fuse

光伏连接器

PV connector

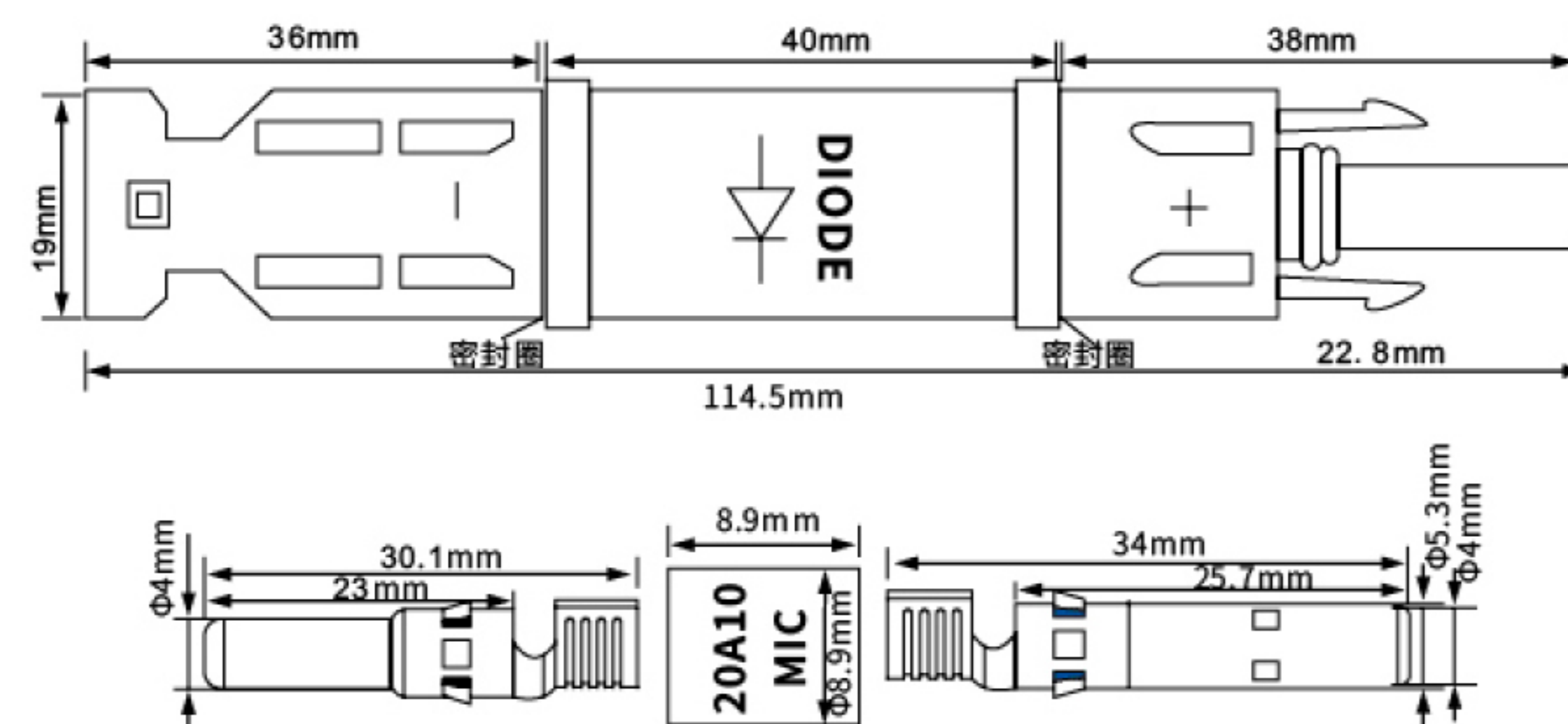
分支连接器 Branch connector PV- THC-Y1/3



额定电流：30A
 额定电压：1000VDC(IEC)800DC(UL)
 环境温度范围：-40℃ ~+90℃ (ec)
 防护级别：IP67 防护等级 IP2X 防护等级
 插头连接器的接触电阻：0.5mΩ
 接触材料：紫铜，镀锡
 连接方式：嵌入式 (nur/only MC4)
 阻燃等级：UL94-HB/UL94-V0
 电缆尺寸：2.5mm²、4mm²、6mm²
 二极管 / 熔丝型：肖特基二极管 / 光伏熔丝

Rated current:30A
 Rated voltage:1000VDC(IEC) 800DC(UL)
 Ambient temperature range:-40℃ ~+90℃ (ec)
 Degree of protection:IP67mated IP2X unmated
 Contact resistance of plug connectors:0.5mΩ
 Contact material:Copper, tin plated
 Locking system plug connectors:Snap-in(nur/only MC4)
 Flame class:UL94-HB/UL94-V0
 Cable size:2.5mm²、4mm²、6mm²
 Diode/Fuse Type: Schottky Diode/PV Fuse

光伏二极管连接器 Photovoltaic secondary tube connector PV004-D



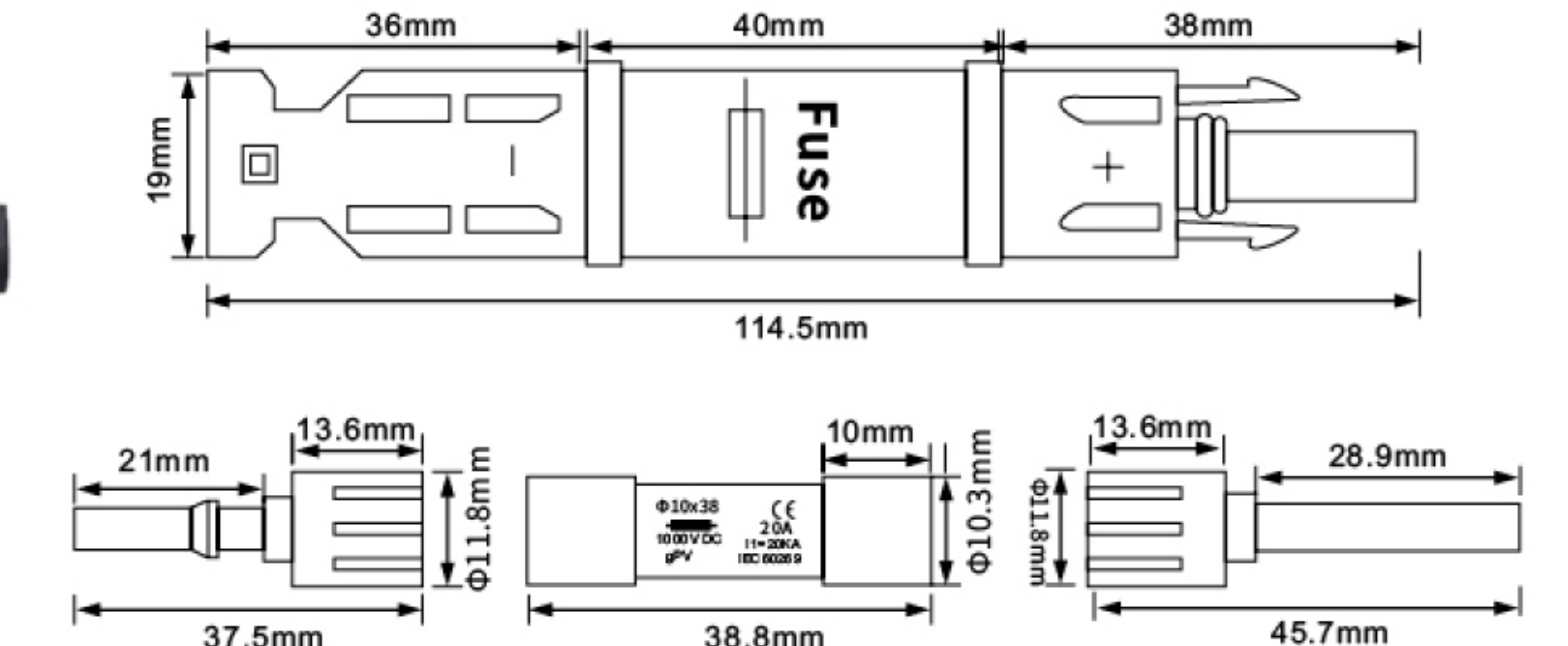
型号：PV004-D
 额定电压：1000VDC
 接触材料：紫铜，镀锡
 额定电流：10A、15A、20A、25A、30A
 标准：IEC 62852:2014
 防护等级：IP65
 接触电阻：≤ 0.5mΩ
 环境温度：-40℃ ~+85℃
 绝缘材料：PPO
 阻燃等级：UL94 V-0

Model: PV004-D
 Rated voltage: 1000VDC
 Contact material: tinned copper
 Rated current: 10A, 15A, 20A, 25A, 30A
 Standard: IEC 62852:2014
 Protection level: IP65
 Contact resistance: ≤ 0.5mΩ
 Environmental temperature: -40 °C ~+85°C
 Insulation material: PPO
 Flame retardant grade: UL94 V-0

光伏连接器

PV connector

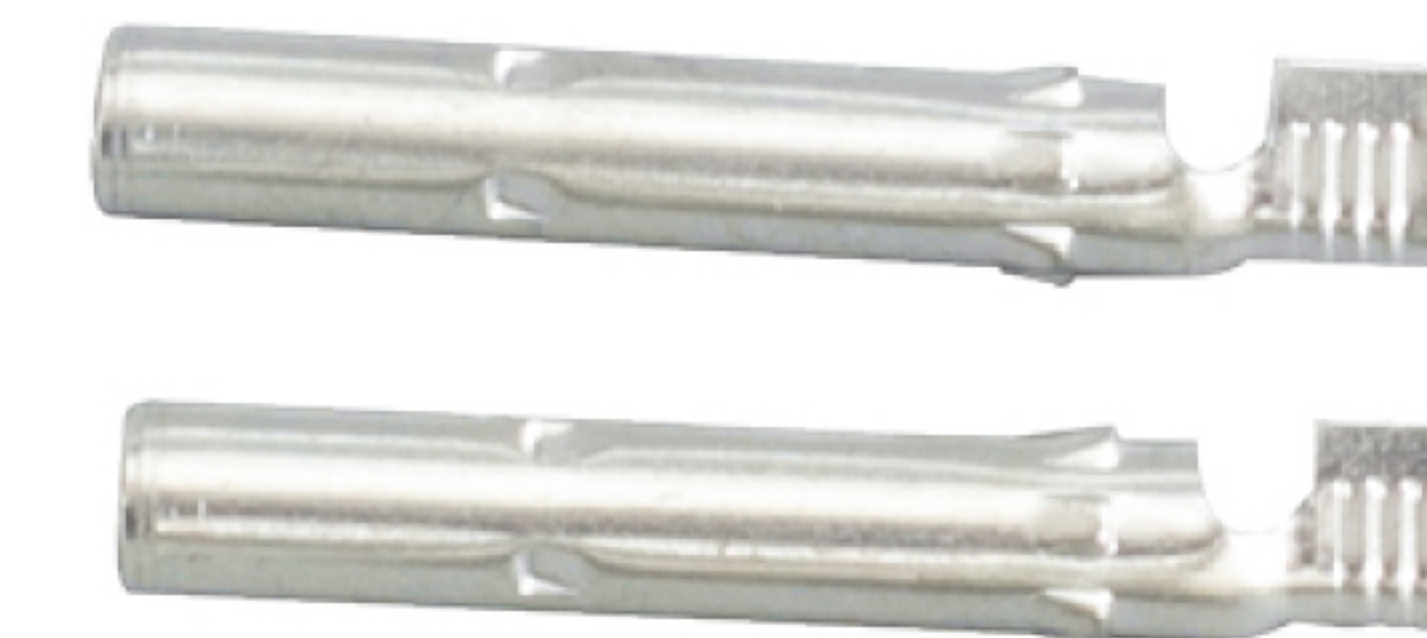
光伏保险丝连接器 Photovoltaic fuse connector PV004-F



型号：PV004-F
 额定电压：1000VDC
 接触材料：紫铜，镀锡
 额定电流：10A、15A、20A、25A、30A
 标准：IEC 62852:2014
 防护等级：IP65
 接触电阻：≤ 0.5mΩ
 环境温度：-40℃ ~+85℃
 绝缘材料：PPO
 阻燃等级：UL94 V-0

Model: PV004-F
 Rated voltage: 1000VDC
 Contact material: tinned copper
 Rated current: 10A, 15A, 20A, 25A, 30A
 Standard: IEC 62852:2014
 Protection level: IP65
 Contact resistance: ≤ 0.5mΩ
 Environmental temperature: -40 °C ~+85°C
 Insulation material: PPO
 Flame retardant grade: UL94 V-0

光伏配件产品 Photovoltaic accessory products



30A 铜芯 (紫铜)



50A 铜芯 (紫铜)



塑料扳手



光伏压线钳