ZHEJIANG TOLERANCE

ZHEJIANG TOLERANCE ELECTRIC CO.,LTD.

ELECTRIC CO.,LTD.

TOLERANCE

ZHE **JIANG** LIU SHI

YUEQING

Zhejiang
Yueqing Liushi

TOLERANCE
特伦斯电气

- ◆ CABLE CLIP
- ◆ NYLON CABLE TIE
- ◆ PLASTIC ANCHOR
- ◆ CABLE GLAND
- ◆ CABLE MARKER
- **CABLE CLAMP**
- ◆ CABLE PROFECTION
- ◆ STAINLESS STEEL CABLE TIE

浙江特伦斯电气有限公司
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ZHEJIANG TOLERANCE ELECTRIC CO.,LTD.

ZHEJIANG TOLERANCE

ELECTRIC CO.,LTD.

WHY CHOOSE US

(1) core value: win-win, respect, integrity, reciprocity and mutual benefits.
(2) we have rich experience in the field of wiring accessories industry and gather around higher popularity in oversea marketing.
(3) our products have a complete range of specifications and steady good quality, to meet the need of different customers.
(4) we adher to the principle of win-win,built a professional electrical wiring accessories platform,we can provide anything whatever you want.

PRODUCT ADVANTAGE

1. Quality is our Culture.
2. We insist on using NEW material– refused to add recyle material. –refused to add brightaner
3. we have our own factory,so any shape products can be full customed with low cost.
4. Quality
   We always put the product quality in the first place and strict quality control by third party.
   The equipment we adopted is the most advanced,so our production facilities and manufactures are of the highest industry standard.

INDUSTRY SOLUTION

1. Since established,we have been focusing on the research and development of our products
2. We adopt the most advanced equipment. so our production facilities and the level of manufacture are the highest industry standard.
3. When you receive the goods, test them.If you have any questions,contact us,we will offer the solution for you.

SERVICE&SUPPORT

1. Our service exceeds all customer expections and we have a professional team to provide customers with accurate,comprehensive and effcient service
2. Trustworthy quality is success partner, and we try to avoid after-sales issues.
3. 24 hours service online:Welcome to consult us ,we will try our best to help you .

OUR PROMISE

Quality is our Culture
Delivery time guaranteed
Superior service to satisfy customer request
Insist win-win development

COMPANY
特伦斯 **Profile**

Zhejiang Tolerance Electrical Co. Ltd. is a professional manufacturer of wiring accessories factory. After builting our own factory, Tolerance focuses on the R & D, production and sale various kinds of wiring accessories all the time. The main products includes cable clips, expand plugs, self adhesive tie mount, saddle type tie mount, cable glands, spiral wrapping bands, stainless steel ties and so on. Our products are mainly applied in housing decoration wiring, wiring of building engineering, sets of electrical wiring, wiring of the shipbuilding industry, communication engineering wiring, light industry and heavy industry, meanwhile, the quality of our products enjoy great popularity at home and abroad.

Our company specializes in improving the quality of the products and meet with the requirement of different countries in order to satisfy with the different customer. Recent years, we establish a good cooperration relation with our main customers, such as, New Delhi of India, Dhaka of Bangladesh, Johannesburg of South Africa, Moscow of Russia, Incheon of South Korea, United Arab Emirates ect. In these countries, our products has occupied a certain market share in the local. At the same time, our products are recognized by these customers, no matter what its quality or appearance of internal and external packaging.

Tolerance will countine to improve the quality and service of products and commit to innovate technology in oreder to meet with the different requirement from globle market. In the future, our company is dedicating in carrying forward the spirit of "Tolerance, for wisdom and different".

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03–10 CABLE CLIPS SYSTEM

NYLON CABLE TIES SYSTEM

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CABLE GLANDS SYSTEM

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CABLE MARKERS SYSTEM

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CABLE PROTECTION SYSTEM

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STAINLESS STEEL CABLE TIES SYSTEM

77–90

CABLE CLAMPS SYSTEM
Self Adhesive Tie Mount
◎自粘式扎带固定座
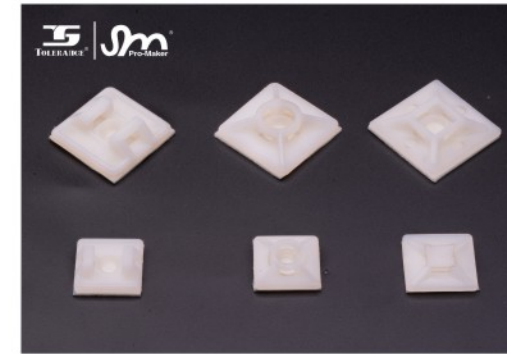
材质：UL合格之NYLON66(本色)，防火等级94V−2，底座背胶。

用法：使用时将底面胶带撕去离型纸，再将固定贴于铁板之上，复以扎线带穿于孔中，即可使用，可省去面板钻孔之麻烦。

使用之扎线带：扎线带宽度小于带孔(T)者。

Material: ABS,UL approved Nylon 66, 94V−2
Color: Natural, available in other colors.
SELF−ADHESIVE TIE MOUNTS is designed to support light weight wire bundles when properly applied on any clean, smooth, grease−free surface. For heavy support. mounting hole is provided for screws.To apply, simply peel off backing paper and Apply mount to surface. After that, cable ties can be inserted to secure wire bundes.

HC-19S HC-28S HC-19R, 28R HC-19T、28T
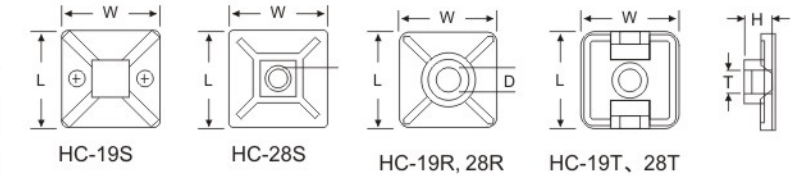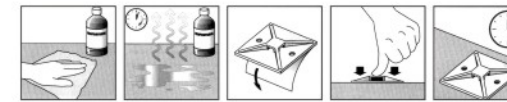
Unit: mm

ITEM NO	L×W	H	Mounting Hole(D)	Cable Tie Hole (T)
HC−19S	19×19	4.8		4.5
HC−28S	28×28	6.6	6.2	5.4
HC−19R	19×19	5.9	4.5	4.2
HC−28R	28×28	6.6	5.2	6.0
HC−19T	19×19	5.2	4.1	4.1
HC−28T	28×28	8.6	4.1	5.8

Wiring Positioning Series
Saddle Type Tie Mount

◎扎线固定座
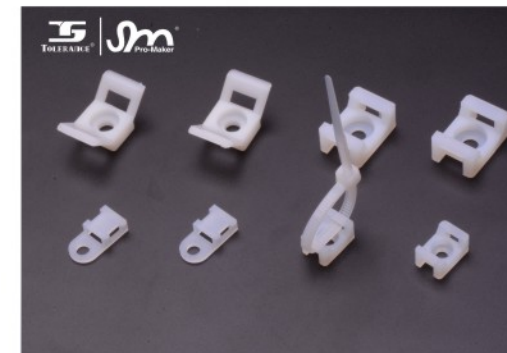
材质：UL合格之NYLON66(本色)，防火等级94V−2。

用法：先将固定座以螺丝固定，再以扎线带烧绑电缆。马鞍形设计使电缆易于固定。

适用之扎线带：扎线带宽度小于带孔(T)者。

Material: UL approved Nylon 66, 94V−2
Color: Natural, available in other colors.
Saddle design provide maximun stability to wire bundles.To apply, simply fix mount with a screw and secure wire bundles with Nylon cable ties.

KHC-0 KHC-1,2 KHC-3
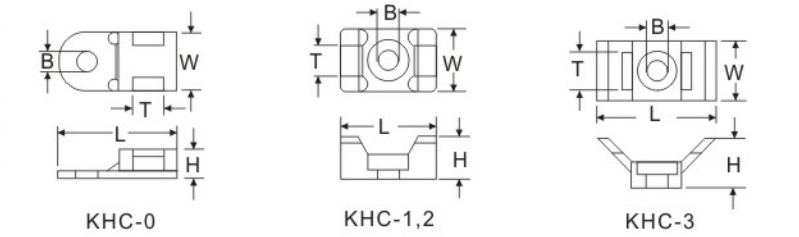
Unit: mm

ITEM NO	H	L	W	T	B
KHC−0	4.8	19.1	9.4	4.3	5.0
KHC−1	7.2	14.9	9.5	5.1	4.5
KHC−2	9.7	21.9	16.9	9.1	5.0/6.0
KHC−3	11.7	28.5	15.0	9.4	5.0

ZHEJIANG TOLERANCE ELECTRIC CO.,LTD

CABLE CLAMPS SYSTEM

CABLE CLAMPS SYSTEM
Adjustable Cable Clamp
◎可调式粘式线夹

Pro-Fix
Wiring Accessories

材质：UL合格之NYLON66(本色)，
防火等级94V-2,底座背胶。

Material: UL approved Nylon 66, 94V-2
Color: Natural, available in other colors.
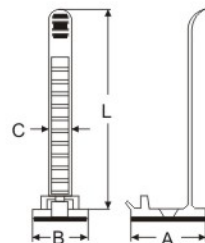
Unit: mm

ITEM NO	Dimension(mm)				Max.Bundle Dia.
	A	B	C	L	
TTC-17	25.0	18.0	7.9	70.0	17.0
TTC-22	30.5	21.0	12.0	90.0	22.0
TTC-26	30.5	21.0	12.0	108.0	26.0

CABLE CLAMPS SYSTEM
Adjustable Cable Clamp
◎可调式粘式线夹
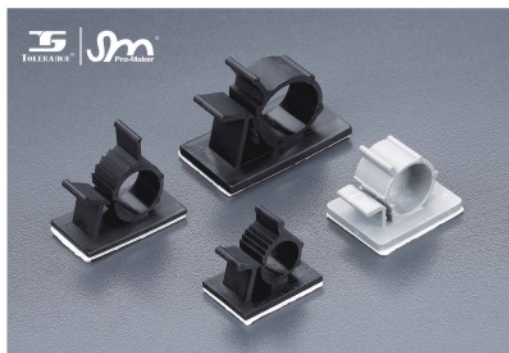
材质：UL合格之NYLON66(黑色)，
防火等级94V-2,底座背胶。

特点：1.一种规格的AP型可调式固
定座，即可适合多种规格的
电线适用，大量降低库存压力。
2.装配简单、快速、牢固，
开启容易，可多次重复使用。

Material: UL approved Nylon 66, 94V-2
Color: Black、Grey
One size of adjustsble clamp can accommodate
various cables that will save your cost stock.
Easy to install, open for unlimited usage.
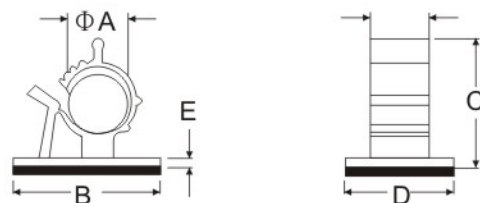
Unit: mm

ITEM NO	Dimension(mm)					
	A	B	C	D	E	F
TAP-0810	7.9 ~ 10.3	25.4	22.2	19.1	1.6	10.2
TAP-1013	10.0 ~ 12.5	31.8	27.8	19.1	1.6	10.2
TAP-1316	12.6 ~ 15.4	37.0	31.8	18.4	3.0	12.1
TAP-1720	16.5 ~ 20.1	42.0	37.0	25.0	3.0	12.7
TAP-2225	22.2 ~ 25.4	41.8	43.5	21.5	3.0	11.3

CABLE CLAMPS SYSTEM
Cable Tie Holders
◎束带固定座

Pro-Fix
Wiring Accessories

材质：尼龙 66

For wall plug f9 hole diameter.
Cable tie can be inserted to secure wire bundles.
UL approved Nylon 66,94V-2
Black.Other colors are also available
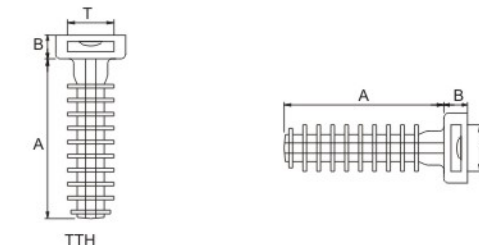
Unit: mm

ITEM NO	A	B	T	Screw
TTH-1	37.5	5.8	9.7	8.0
TTH-2	42.5	5.8	9.7	10.0

CABLE CLAMPS SYSTEM
R type Cable Clamp
◎R型线夹

材质：UL合格之NYLON66(本色)，
防火等级94V-2。

用法：将电缆套入钮环中(如附图)，
再议螺丝固定。

用途：电机、电子、冷气配线之固
定用。

Material: UL approved Nylon 66, 94V-2
Color: Natural, available in other colors.
CABLE CLAMPS are designed to hold cables,
tubes, and components in domestic appliance,
electronics and electric apparatus generally.
interior edges are radiused to protect cable
insulation.To apply, just clamp down on loosen
cables and screw it to chassis.
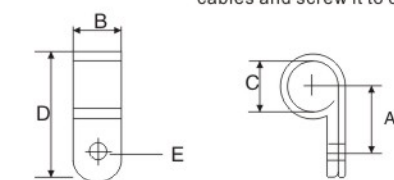
Unit: mm

ITEM NO	A	B	C	D	E
UC-3.3 1/8"	9.5	9.6	3.3	17	4.0
UC-5.2 3/16"	10.5	9.6	5.5	18.5	4.0
UC-6.4 1/4"	12	9.6	6.35	21	4.0
UC-8.4 5/16"	12.5	9.6	8.35	22.8	4.0
UC-10.4 3/8"	13.5	9.6	10.35	23.8	4.0
UC-13.2 1/2"	13.5	9.6	12.7	25.8	4.0
UC-16 5/8"	16.5	9.6	15.8	30.5	4.0
UC-19 3/4"	17	12	19	35.5	4.0
UC-23 1"	26	13	23	44	4.0
UC-30 11/16"	23	12.7	30	47	4.0
UC-50 11/2"	41	12.5	50	77	4.0

CABLE CLAMPS SYSTEM
Rubber Tube Clamps
◎橡胶线卡

Pro-Fix Wiring Accessories

浙江特伦斯电气有限公司

技术信息
◇金属材料：不锈钢，镀锌钢（黄锌、蓝白锌），铝
◇表面材料：橡胶

Technical Information
◇Metal Material: Stainless Steel, Galvanized Steel(Carbon Steel; Plated Steel), Aluminum
◇Soft Material: Rubber

产品特性
◇适用于管道，电缆，组合电缆，水管等；
◇线卡的内部与边缘由橡胶来保护；
◇橡胶衬套可以防止撞击和振动引起的损伤；
◇通过调节螺丝的松紧度来调整捆绑松紧度。
◇长捆扎洞孔设计可以调整捆绑直径。

Product Feature
◇For pipes, cables, groups of cables. hoses and so on.
◇The inside and edges of the clamps are protected by a rubber section.
◇Im pacts and vibrations are damped by the rubber, which eliminates wear
◇Tighten the band adapts itself easily to the dimension
◇The fastening holes is oval to permit any subsequent adjustment

规格型号 Item No.	内径 Inner Dia		厚度 Thickness of the Metal		孔径 Dia.of Hole		宽度 Width		包装 Packing
	inch	mm	inch	mm	mm	inch	mm	inch	PCs/bag
RTC-3/16	0.188	4.76							
RTC-1/4	0.250	6.35							
RTC-3/8	0.375	9.53							
RTC-1/2	0.500	12.70							
RTC-5/8	0.625	15.88							
RTC-3/4	0.750	19.05							
RTC-7/8	0.875	22.23							
RTC-1	1.000	25.40	0.0315	0.80					
RTC-1 1/8	1.125	28.58							
RTC-1 1/4	1.250	31.75							
RTC-1 3/8	1.375	34.93			6.8	0.268	12.7	0.500	100
RTC-1 1/2	1.500	38.10							
RTC-1 2/8	1.625	41.28							
RTC-1 3/4	1.750	44.45							
RTC-1 7/8	1.875	47.63							
RTC-2	2.000	50.80							
RTC-2 1/8	2.125	53.98							
RTC-2 1/4	2.250	57.15	0.0394	1.00					10
RTC-2 3/8	2.375	60.33							
RTC-2 1/2	2.500	63.50							
RTC-3	3.000	76.20							

◇可以根据客户的特殊尺寸和材料要求来定制。
◇Special size and requirement available, please contact FENGFAN Customer Service.

CABLE CLAMPS SYSTEM
Vinyl Coated Tube Clamps
◎PVC浸胶线卡

Pro-Fix Wiring Accessories

浙江特伦斯电气有限公司

技术信息
◇金属材料：不锈钢，镀锌钢（黄锌、蓝白锌），
◇包覆材料：Vinyl(PVC)

Technical Information
◇Metaf Material: Stainless Steel, Galvanized Steel(Carbon Steel; Plated Steel)
◇Soft Material: Vinyl(PVC)

产品特性
◇适用于管道，电缆，组合电缆，水管等；
◇线卡的内部与边缘由PVC表层物质来保护；
◇PVC衬套可以防止撞击和振动引起的损伤；
◇通过调节螺丝的松紧度来调整捆绑松紧度一；
◇长捆扎洞孔设计可以调整捆绑直径。

Product Feature
◇For pipes, cables, groups of cables, hoses and so on.
◇The metal body are coated by a rubber section.
◇Im pacts and vibrations are damped by the vinyl, which eliminates wear.
◇Tighten the band adapts itself easily to the dimension.
◇The fastening holes is oval to permit any subsequent adjustment,

规格型号 Item No.	内径 Inner Dia		厚度 Thickness of the Metal		孔径 Dia.of Hole		宽度 Width		包装 Packing
	inch	mm	inch	mm	mm	inch	mm	inch	PCs/bag
CTC-3/16	0.188	4.76							
CTC-1/4	0.250	6.35							
CTC-3/8	0.375	9.53							
CTC-1/2	0.500	12.70							
CTC-5/8	0.625	15.88							
CTC-3/4	0.750	19.05							
CTC-7/8	0.875	22.23							
CTC-1	1.000	25.40							
CTC-1 1/8	1.125	28.58							
CTC-1 1/4	1.250	31.75							
CTC-1 3/8	1.375	34.93	0.0315	0.80	6.8	0.268	12.7	0.500	100
CTC-1 1/2	1.500	38.10							
CTC-1 2/8	1.625	41.28							
CTC-1 3/4	1.750	44.45							
CTC-1 7/8	1.875	47.63							
CTC-2	2.000	50.80							
CTC-2 1/8	2.125	53.98							
CTC-2 1/4	2.250	57.15							10
CTC-2 3/8	2.375	60.33							
CTC-2 1/2	2.500	63.50							
CTC-3	3.000	76.20							

CABLE CLAMPS SYSTEM
Twist Ties
◎钮线环

Pro-Fix
Wiring Accessories
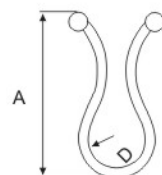
CABLE CLAMPS SYSTEM
Strain Relief Bushing
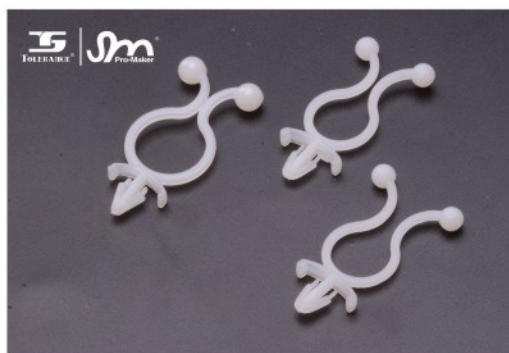◎电源线扣

Pro-Fix
Wiring Accessories

浙江特伦斯电气有限公司
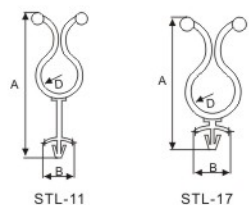
材质：UL合格之NYLON 66(本色)，防火等级94V-2。
特点：束线简易、牢固、并可松开，多次重复使用。

Material: UL approved Nylon 66, 94V-2
Color：Natural
Colors available upon request.
Tie-up cables at economical cost.
Insert cables and twist on to fix.

编号 Item NO.	A(mm)	D(mm)
TL-5	20	5.0
TL-8	26	8.3
TL-11	30	11.0
TL-13	30	13.3
TL-18	40	17.9
TL-23	43	22.7

Standoff Twist Tie

材质：UL合格之 NYLON 66(本色)，防火等级94V-2。
用法：适用选定适当的距离钻孔，然后将钮线环固定，再将电线置于环中做正面扭转即可，拆卸时反面扭转即可。

Material: UL approved Nylon 66, 94V-2
Color: Natural
Locking into pre-drilled hole, Insert cables and twist on to fix.

STL-11   STL-17

编号 Item NO.	A(mm)	B(mm)	D(mm)	安装孔径 Hole Dia.(mm)
STL-11	68	14.3	11.0	φ5.8
STL-17	51.5	14.3	17.0	φ5.8

Locking Wire Saddle

材质：UL合格之 NYLON (本色)，防火等级94V-2。
用法：基板钻孔4.8mm，先把夹线套固定、再将欲固定之电线放入套中，即可将电线牢牢扣住，可作任何方向与角度的固定电线之用。
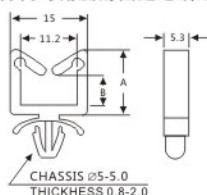
Material：UL approved Nylon 66,94V-2
Color：Natural
For directing and gathering cables at low costLocking into 4.8mm hole with fingertip pressure.

CHASSIS ⌀5-5.0
THICKNESS 0.8-2.0

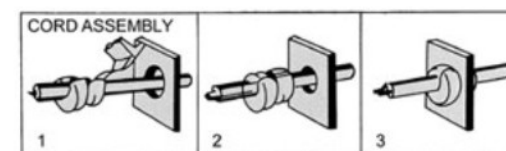| 规格	A	B	C	D	E	F
CHA-1	14.6	11	3.5	10.9	3.2	5.2
CHA-2	14.6	11	9	16.3	3.2	5.2
CHA-3	14.6	11	17.5	24.9	3.2	5.2
CHA-4	14.6	11	25.2	32.5	3.2	5.

材质：UL合格之NYLON 66(黑色)防火等级94V-2，不易老化。
用途：各种家电用品、仪器、计算机之电源线固定及保护用，避免电源线滑动而被机板割伤。
用法：按下序3图装即可。
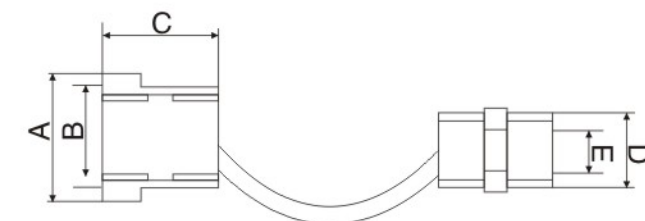
Material: UL approved Nylon 66, 94V-2
Color: Black
Cust assembly cost, prolongs cords life. Used extensively for protecting cords of computer, apparatus...etc.

CORD ASSEMBLY
1   2   3

Unit: mm

ITEM NO	A	B	C	D	E
SR-A1	15.5	13.2	14.1	8.5	6.2
SR-A3	25.5	25.5	18	16	12.3
SR-A4	19.2	16.8	19	11	9.3
SR-A5A	14.3	12.4	14	8.2	4.7
SR-A5B	14.3	12.4	14	8.2	6.2
SR-A5C	16	13.3	14	8.2	6.7
SR-A6	10.7	8.5	10	5.5	1.7×2
SR-A7	12.2	10	10.8	6.3	4.1
SR-A7F	13.2	11.3	10.3	8.2	7.3
SR-A8	12.8	10.5	11.8	7.7	5.1
SR-A8B	12.8	10.6	11.3	8.5	4.5
SR-A9	12.8	10.2	12	7.6	5.3
SR-2P-4	10.3	8.2	10.5	5	4.5
SR-3P-4	11.8	9.6	10.2	6.7	4.3
SR-4K-4	13.2	11.2	10.7	7.9	6.7
SR-4N-4	13.2	11.4	11	8	6.6
SR-4N-4F	13.4	11.4	11	10	7
SR-5P-4	13.3	11	11.2	6.8	5.5
SR-5N-4	13	10.5	10.8	6.7	5.3
SR-5B-2	14	11	11.2	8.3	4.6
SR-6P-4	16.8	13.7	14.7	8.4	7.7
SR-6N-4	16.8	13.8	14.8	8.6	8
SR-6N3-4	13.3	13.7	15	8.7	7
SR-7P-2	19.4	16	19	11	8.7
SR-7N-2	19.4	16	19.2	11	8.7
SR-8P-2	22.5	20.5	20	15	13

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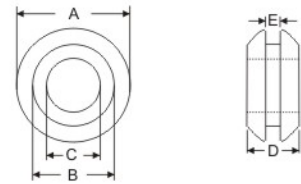# CABLE CLAMPS SYSTEM
Grommet (open)
◎护线环

Pro-Fix
Wiring **A**ccessories
浙江特伦斯电气有限公司

材质：橡胶
功能：用于配电柜基板孔护线套

Material: PVC
Color: Black

※ Avialable with soft type upon requested.

Unit: mm

ITEM NO	Dimension(mm)				
	A	B	C	D	E
TGM-0603	8.5	6.0	3.0	4.7	1.7
TGM-0705	10.2	7.2	5.0	4.7	1.7
TGM-1006	13.3	10.0	6.4	6.5	1.7
TGM-1108	15.5	11.0	7.8	9.0	3.0
TGM-1410	19.5	13.9	10.5	6.4	3.4
TGM-2015	23.7	20.1	15.5	6.1	1.7
TGM-2518	29.9	25.1	18.9	7.2	1.5
TGM-3225	38.1	31.7	25.0	7.8	1.5

CABLE CLAMPS SYSTEM
Hole Plug
◎扣式塞头
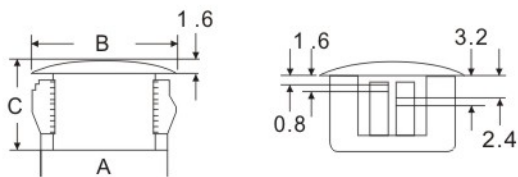
材质：UL合格之NYLON 66（黑色），
防火等级94V-2，耐油污、抗侵蚀。
用途：可作为预备孔或将其多余孔塞平
之用、保持盘面的美观。
用法：将基板钻孔如A，再行押入即可。
厚度3.2mm下铁板均可使用。

Material: UL approved Nylon 66, 94V-2
Color: Black
HOLE PLUG close your unneeded holes
with fingertip pressure
at low cost and assure good apperance.
Available in application for chassis
thickness Under 3.2mm.

Unit: mm

ITEM NO	A	B	C
HP-5	5.0	6.3	5.9
HP-6	6.0	7.8	7.8
HP-8	7.9	10.3	8.1
HP-10	9.5	13.0	10.5
HP-13	12.7	16.5	10.9
HP-15	14.3	16.7	10.3
HP-16	15.9	19.5	10.0
HP-19	19.1	22.9	10.0
HP-22	22.2	25.8	11.3
HP-25	25.4	29.0	11.6
HP-30	30.1	34.2	12.0
HP-38	38.1	42.1	11.2
HP-45	44.5	49.7	11.8

# CABLE CLAMPS SYSTEM
Snap Bushing
◎扣式护线套

Pro-Fix
Wiring **A**ccessories
浙江特伦斯电气有限公司

材质：UL合格之 NYLON66（黑色）
防火等级：94V-2。
用途：使粗劣的铁孔变成圆滑的出线孔。
各种电线电缆之保护及绝缘。
用法：不需工具，只要用手轻轻一压，
即可完成装配。适用3.2mm以下
之铁板。

Material: UL approved Nylon 66, 94V-2
Color: Black
SNAP BUSHING smooth and insulate your raw
-edged holes in metal chassis. Locking into
hole firmly with fingertip pressure. Protect
electrical cables, ropes, utility lines through
metal holes. Available in application for chassis
thickness Under 3.2mm

Standard Design
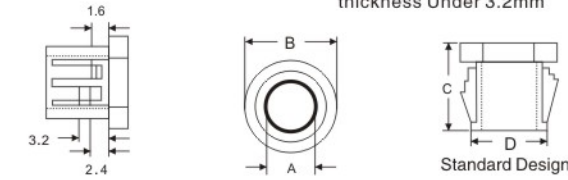
Unit: mm

| ITEM NO	D	A	B	C
SB-8	8.0	6.0	9.3	8.1
SB-10	9.3	6.2	12.0	10.3
SB-11	9.5	7.8	13.0	10.5
SB-13	12.8	9.2	14.6	10.3
SB-16	15.8	12.2	18.5	10.3
SB-19	18.0	14.2	21.8	10.3
SB-22	21.8	17.2	24.2	11.6
SB-25	25.2	18.8	28.5	11.6
SB-30	29.8	24.2	33.5	11.6
SB-38	38.1	29.0	42.1	11.4
SB-45	44.5	35.4	47.8	11.6
SB-50	50.8	41.6	54.6	11.8

CABLE CLAMPS SYSTEM
Snap Bushing(Open)
◎扣式护线套(开口式)

材质：UL合格之NYLONG 66（黑色）
防火等级94V-2。
用途：使粗糙的铁孔变成圆滑的出线孔。
各种电线电缆之保护及绝缘。
用法：不需工具，只要用手轻轻一压，
即可完成装配。
适用：3.2mm以下之铁板。
特点：对于出线已装配好而未知有任何衬
套保护时，开口型护线套可于事
后再补装(不必重新拆线)而达到保
护电线之功能。

Material: UL approved Nylon 66, 94V-2
Color: Black
Protect power cord and smooth you chasis hole.
Under 3.2mm chassis.
Finger-tip pressure to install. No tool is needed.
Can be applied after power cable was installed.

Standard Design
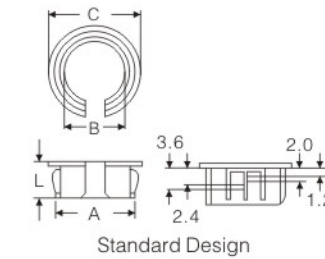
Unit: mm

ITEM NO	MountingHole A	B	C	L
OSB-10	9.5	6.0	11.8	10.3
OSB-13	12.7	7.5	15.1	10.3
OSB-16	15.9	11.2	18.5	10.3
OSB-19	19.1	12.5	21.0	10.3
OSB-22	22.2	17.0	24.6	10.3
OSB-26	25.4	20.0	28.0	10.3

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