



鼎盛機械

Topsun Mechanical

大連鼎盛機械工程有限公司

品质第一 · 客户至上

相辅相成 · 共创繁荣

严格执行科学工艺流程  
全力满足客户产品需求

*Strict implementation of the scientific process,  
to meet customer requirements*



## 大連鼎盛機械工程有限公司

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【我们专注于自动化精密研发与制造】

*We focus on automation precision research and manufacturing*

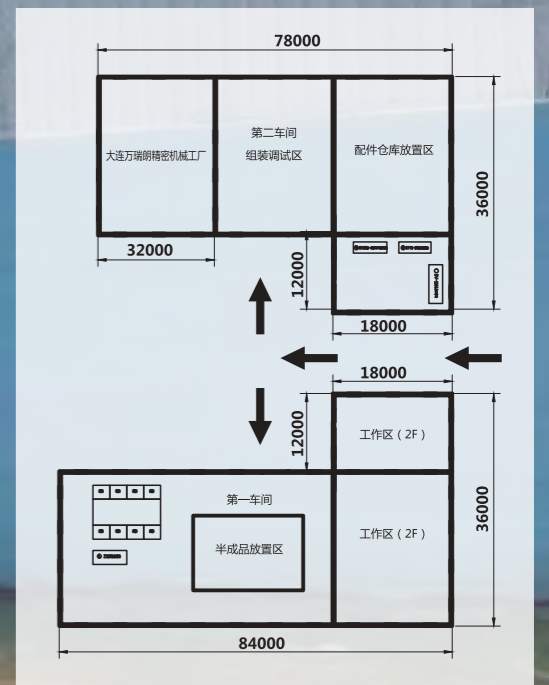


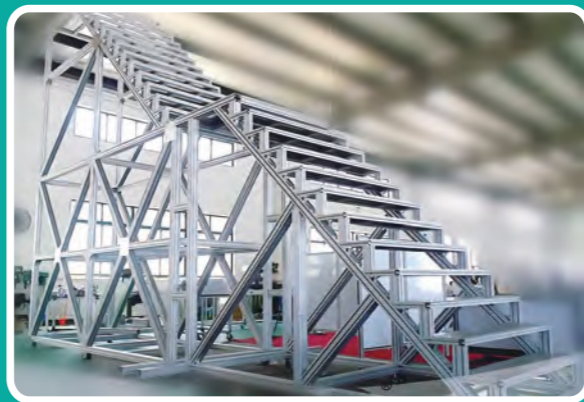


## 公司介绍

大连鼎盛机械工程有限公司是一家专业从事工业机器人及各种柔性流水线研发、设计、生产为主的高新技术企业。公司坐落于美丽的滨海城市大连经济技术开发区。专注于开发高精度、高效率的模块化生产线、自动搬运机械手和工业机器人；以高端技术为起点，不断提高和推动各行业向自动化、数字化、智能化转变，融合各类先进技术，逐渐向国际化工厂接轨。产品广泛用于机械制造、食品加工、轻工业等行业。经过长时间的经验积累与创新，产品种类日趋完善，能更好的服务于客户。满足客户的需求就是我们的目标,客户的满意就是我们的成功。

Dalian Topsun Mechanical Engineering Co., LTD is a high-tech enterprise specializing in the research and development, design, and production of industrial robots and various flexible assembly lines. The company is located in the beautiful coastal city of Dalian Economic and Technological Development Zone. Focusing on developing high-precision and high-efficiency modular production lines, automatic handling robotic arms, and industrial robots; Starting from high-end technology, continuously improving and promoting the transformation of various industries towards automation, digitization, and intelligence, integrating various advanced technologies, and gradually aligning with international chemical plants. The product is widely used in industries such as mechanical manufacturing, food processing, and light industry. After a long period of experience accumulation and innovation, the product variety is becoming increasingly perfect, which can better serve customers. Meeting customer needs is our goal, and customer satisfaction is our success.





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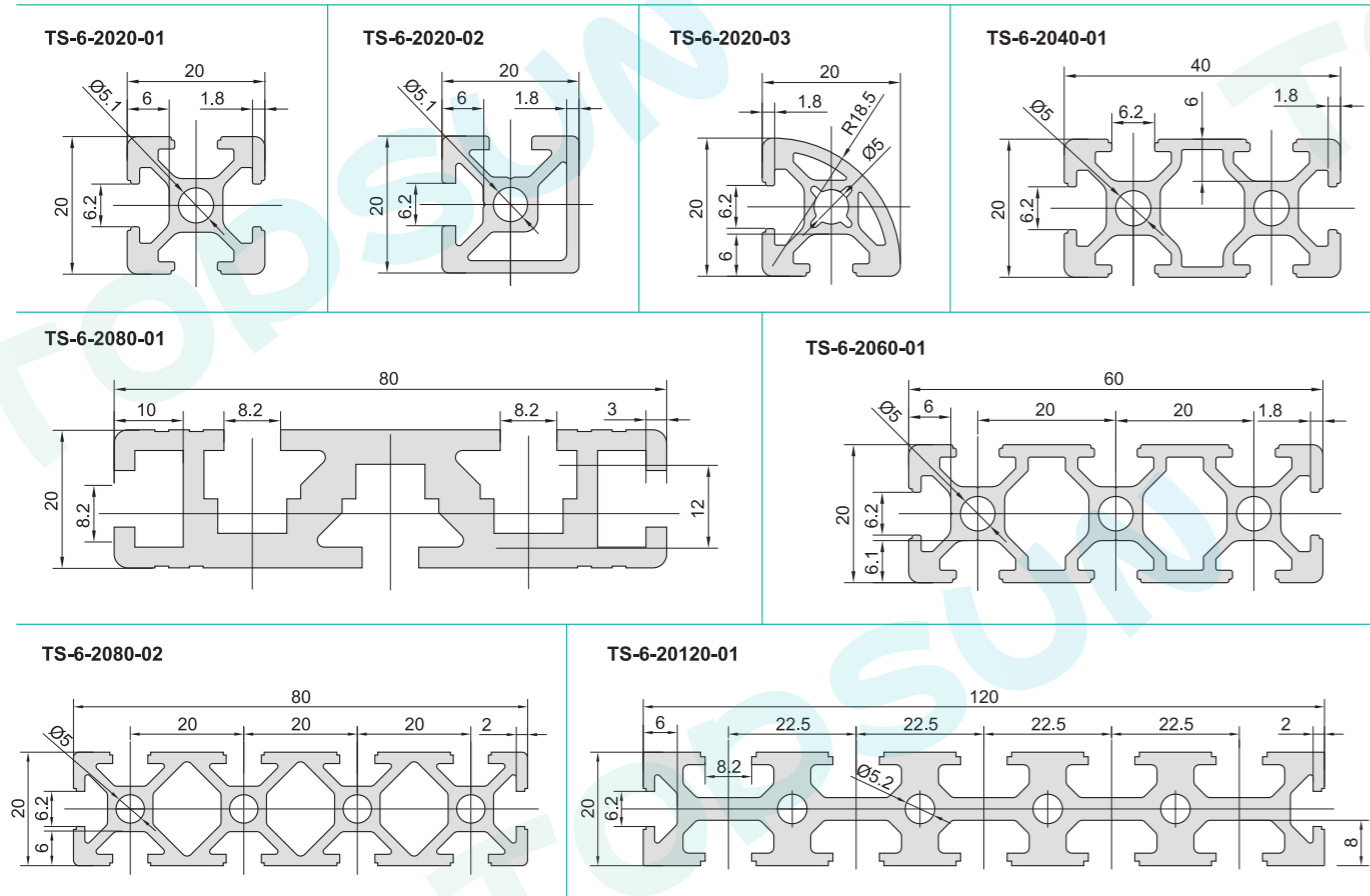
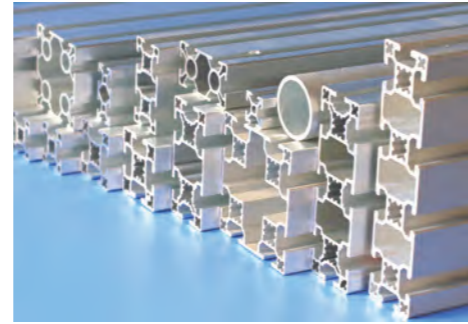


# 20铝型材系列

## 20 Aluminum Profile Series

Universal standard profiles, suitable for frame combinations of lightweight structures.  
通用标准型材，适用于轻型结构的框架组合。

- 6mm T-Slot Profile  
槽口6mm型材
- Material: 6063-T5  
材质: 6063-T5
- Surface treatment: Anodic oxidation (Untreated cutting surface).  
表面处理: 阳极氧化(切断面未进行氧化处理)。
- Length: L=6000±0.5mm  
长度: L=6000±0.5mm



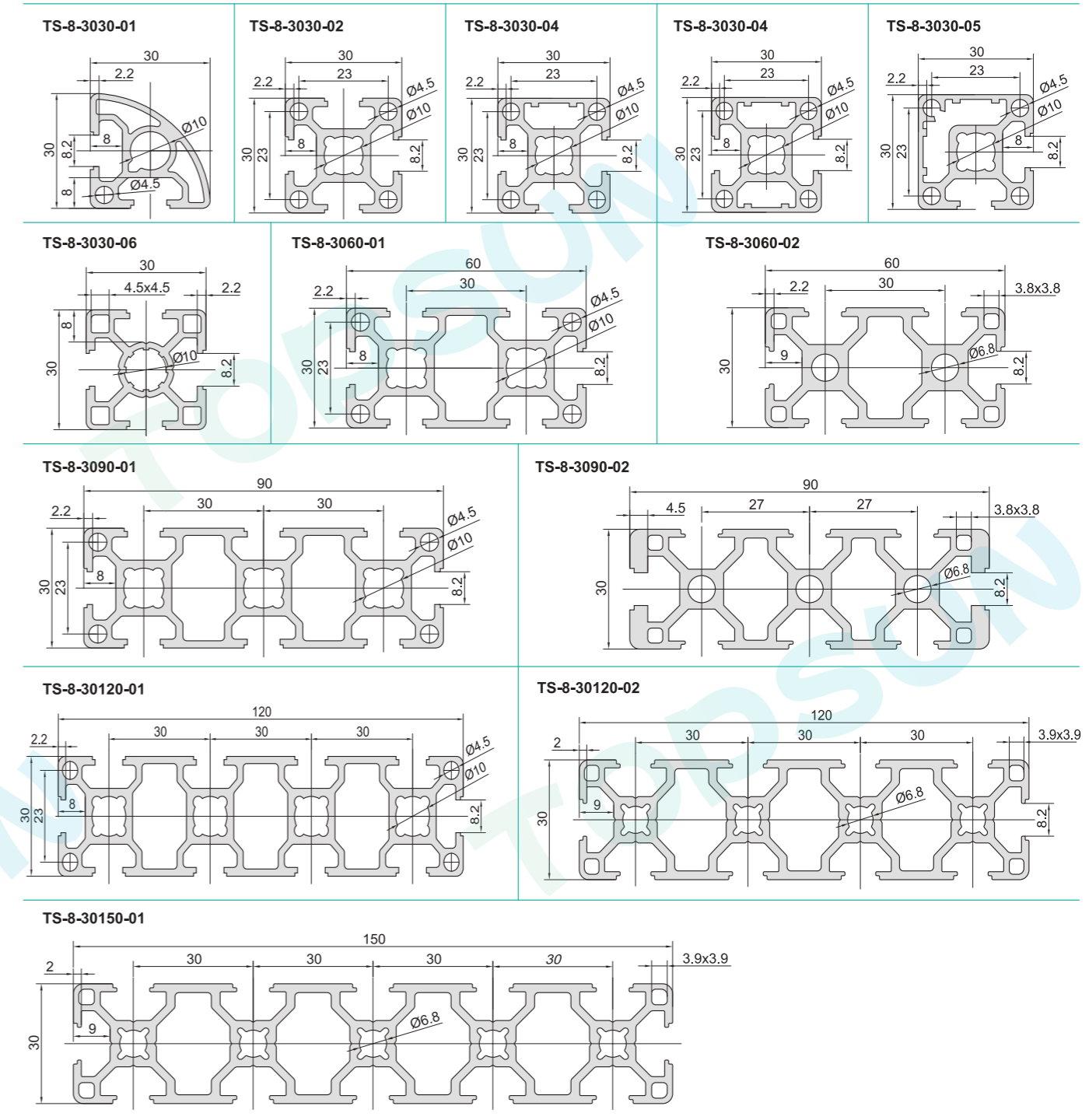
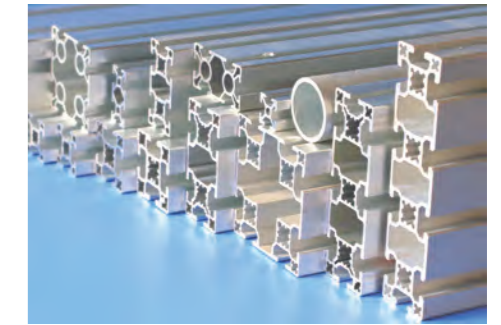
Model 型号	Moment of Inertia 惯性矩 Ix(cm <sup>4</sup> )	Moment of Inertia 惯性矩 Iy(cm <sup>4</sup> )	Moment of Resistance 惯性矩 Wx(cm <sup>3</sup> )	Moment of Resistance 惯性矩 Wy(cm <sup>3</sup> )	Mass 重量 (kg/m)
TS-6-2020-01	0.72	0.72	0.72	0.72	0.47Kg/m
TS-6-2020-02	0.75	0.83	0.75	0.83	0.51Kg/m
TS-6-2020-03	0.60	0.60	0.56	0.56	0.50Kg/m
TS-6-2040-01	1.23	4.83	1.23	2.41	0.79Kg/m
TS-6-2060-01	1.92	14.6	1.92	4.87	1.27Kg/m
TS-6-2080-01	3.61	40.0	3.61	10.0	2.12Kg/m
TS-6-2080-02	2.63	35.9	2.63	8.98	1.65Kg/m
TS-6-20120-01	3.95	141.2	3.95	23.5	3.14Kg/m

# 30铝型材系列

## 30 Aluminum Profile Series

Universal standard profiles, framework combination suitable for moderate load structures.  
通用标准型材，适用于中度负载结构的框架组合。

- 8mm T-Slot Profile  
槽口8mm型材
- Material: 6063-T5  
材质: 6063-T5
- Surface treatment: Anodic oxidation (Untreated cutting surface).  
表面处理: 阳极氧化(切断面未进行氧化处理)。
- Length: L=6000±0.5mm  
长度: L=6000±0.5mm



20铝型材系列

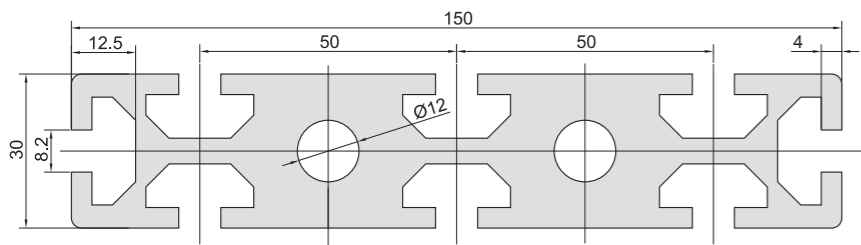
30铝型材系列



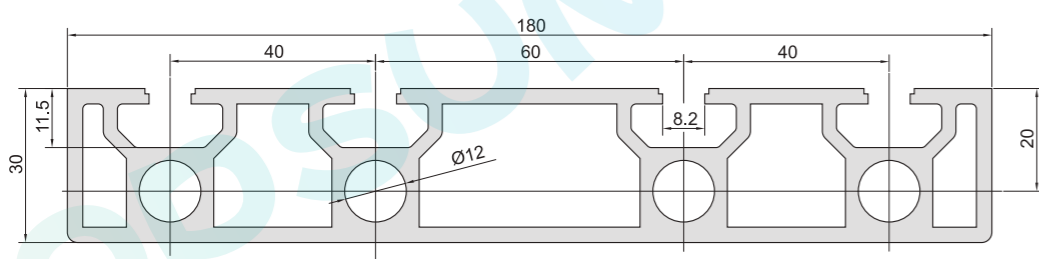
# 30铝型材系列

## 30 Aluminum Profile Series

TS-8-30150-02



TS-8-30180-01



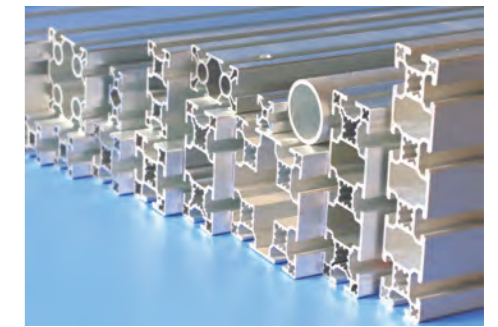
Model 型号	Moment of Inertia 惯性矩 Ix(cm <sup>4</sup> )	Moment of Inertia 惯性矩 Iy(cm <sup>4</sup> )	Moment of Resistance 惯性矩 Wx(cm <sup>3</sup> )	Moment of Resistance 惯性矩 Wy(cm <sup>3</sup> )	Mass 重量 (kg/m)
TS-8-3030-01	2.50	1.60	1.20	0.90	0.80Kg/m
TS-8-3030-02	2.90	2.90	2.00	1.90	0.86Kg/m
TS-8-3030-03	3.00	2.90	2.00	1.90	0.88Kg/m
TS-8-3030-04	2.80	3.20	1.90	2.10	0.90Kg/m
TS-8-3030-05	2.90	2.90	2.00	2.00	0.90Kg/m
TS-8-3030-06	2.60	2.60	1.80	1.80	0.80Kg/m
TS-8-3060-01	5.30	19.9	3.50	6.70	1.55Kg/m
TS-8-3060-02	5.35	20.4	3.57	6.80	1.65Kg/m
TS-8-3090-01	7.70	62.0	5.10	13.8	2.20Kg/m
TS-8-3090-02	8.35	72.8	5.57	16.2	2.42Kg/m
TS-8-30120-01	10.1	139.9	6.70	23.3	2.85Kg/m
TS-8-30120-02	10.1	137.0	6.70	23.0	3.20Kg/m
TS-8-30150-01	12.6	261.3	8.40	34.8	3.95Kg/m
TS-8-30150-02	23.8	455.7	15.9	60.8	8.20Kg/m
TS-8-30180-01	22.1	620.0	14.7	68.0	5.30Kg/m

# 40铝型材系列

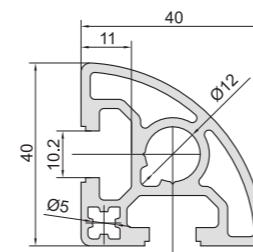
## 40 Aluminum Profile Series

Universal standard profiles, framework combination suitable for moderate load structures.  
通用标准型材，适用于中度负载结构的框架组合。

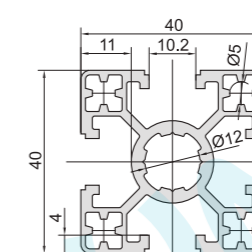
- 10mm T-Slot Profile  
槽口10mm型材
- Material: 6063-T5  
材质: 6063-T5
- Surface treatment: Anodic oxidation (Untreated cutting surface).  
表面处理: 阳极氧化(切断面未进行氧化处理)。
- Length: L=6000±0.5mm  
长度: L=6000±0.5mm



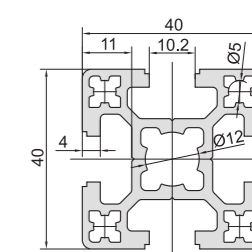
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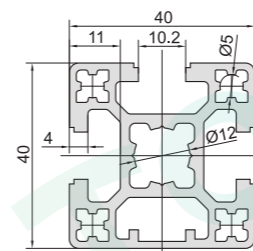
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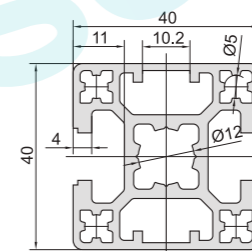
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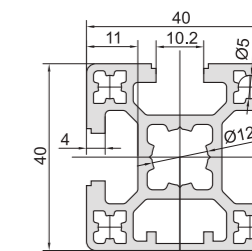
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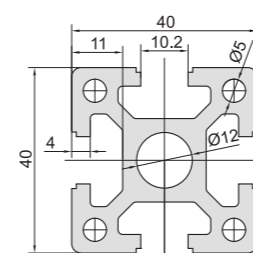
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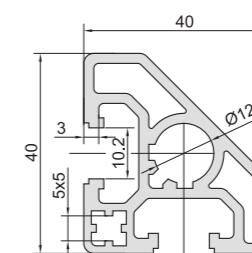
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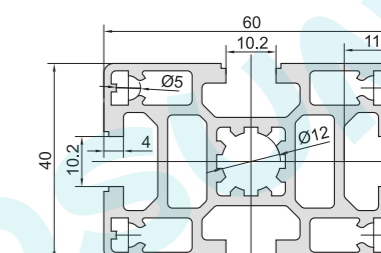
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TS-10-4040-45Z



TS-10-4060-01



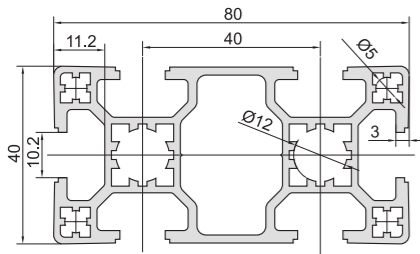
Model 型号	Moment of Inertia 惯性矩 Ix(cm <sup>4</sup> )	Moment of Inertia 惯性矩 Iy(cm <sup>4</sup> )	Moment of Resistance 惯性矩 Wx(cm <sup>3</sup> )	Moment of Resistance 惯性矩 Wy(cm <sup>3</sup> )	Mass 重量 (kg/m)
TS-10-4040-01	8.40	4.85	3.10	1.84	1.30Kg/m
TS-10-4040-02	7.28	7.28	3.57	3.57	1.30Kg/m
TS-10-4040-03	9.23	9.23	4.62	4.62	1.55Kg/m
TS-10-4040-04	9.17	9.55	4.59	4.78	1.60Kg/m
TS-10-4040-05	9.11	9.86	4.56	4.93	1.62Kg/m
TS-10-4040-06	9.47	9.48	4.73	4.74	1.62Kg/m
TS-10-4040-07	11.5	11.5	5.80	5.80	2.00Kg/m
TS-10-4040-45Z	4.16	8.18	1.86	3.65	1.24Kg/m

30铝型材系列

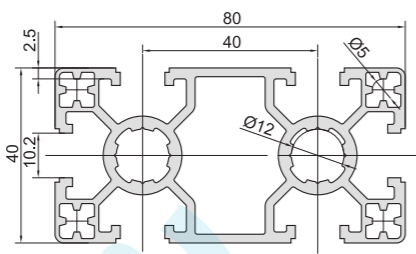
40铝型材系列



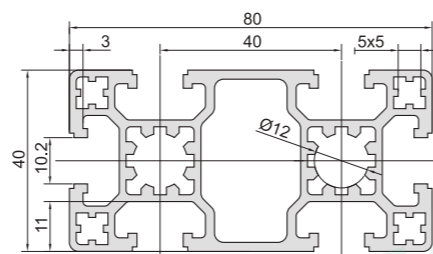
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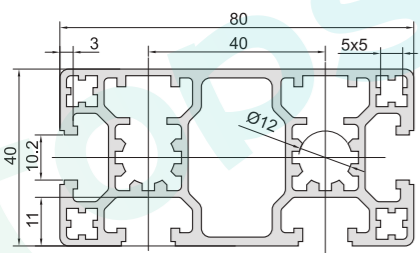
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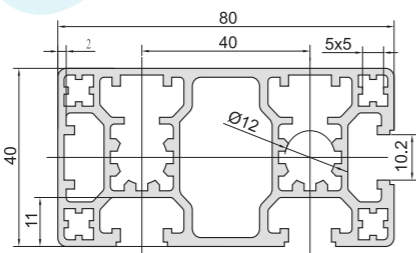
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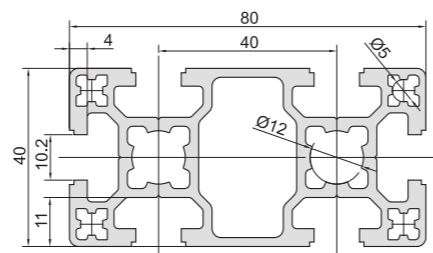
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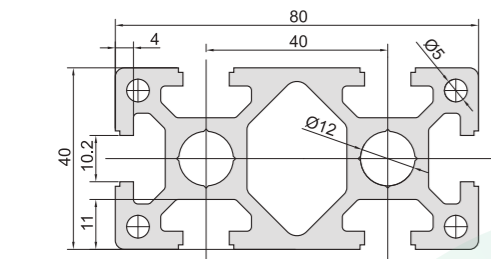
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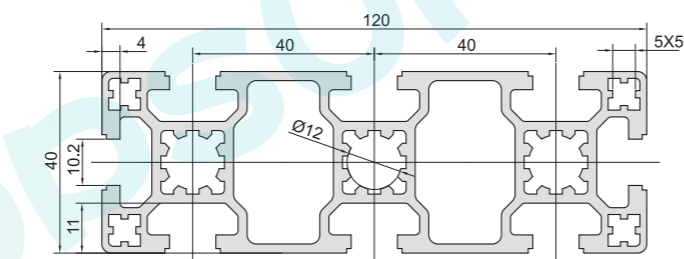
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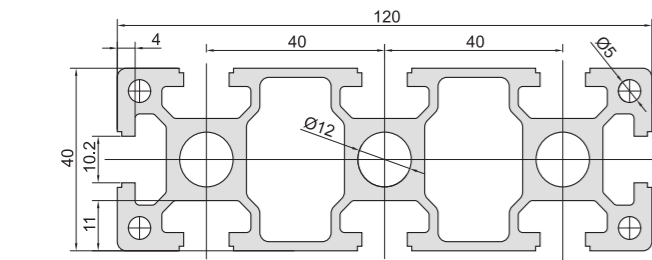
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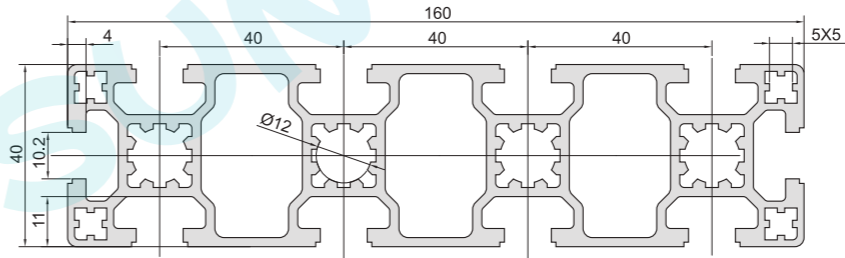
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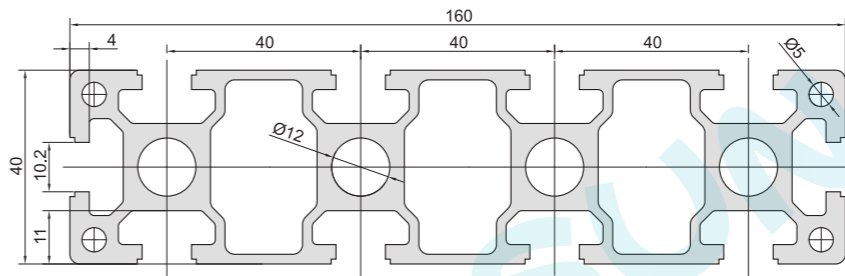
TS-10-40120-02



TS-10-40120-03



TS-10-40120-04



Model 型号	Moment of Inertia 惯性矩 Ix(cm <sup>4</sup> )	Moment of Inertia 惯性矩 Iy(cm <sup>4</sup> )	Moment of Resistance 惯性矩 Wx(cm <sup>3</sup> )	Moment of Resistance 惯性矩 Wy(cm <sup>3</sup> )	Mass 重量 (kg/m)
TS-10-4060-01	13.3	27.6	6.62	9.22	2.30Kg/m
TS-10-4080-01	13.4	50.1	6.70	12.5	2.20Kg/m
TS-10-4080-02	14.2	51.8	7.10	13.0	2.30Kg/m
TS-10-4080-03	15.8	59.0	7.90	14.8	2.50Kg/m
TS-10-4080-04	16.4	58.0	8.20	14.5	2.70Kg/m
TS-10-4080-05	16.4	59.6	8.20	14.9	2.40Kg/m
TS-10-4080-06	16.4	63.0	8.20	15.1	2.70Kg/m
TS-10-4080-07	22.0	80.0	11.0	20.0	3.60Kg/m
TS-10-40120-01	24.1	194.8	12.1	32.5	3.75Kg/m
TS-10-40120-02	26.7	238.7	13.3	39.8	4.46Kg/m
TS-10-40160-01	31.6	435.8	15.8	54.5	4.82Kg/m
TS-10-40160-02	34.4	527.6	17.1	66.9	5.64Kg/m

40铝型材系列

40铝型材系列

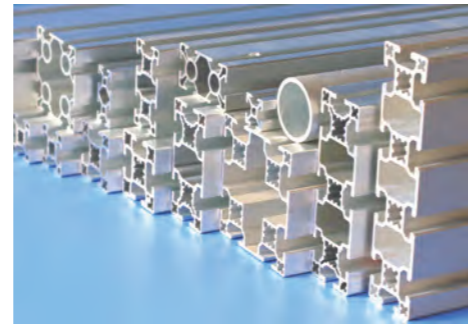


# 40铝型材系列

## 40 Aluminum Profile Series

Universal standard profiles, framework combination suitable for moderate load structures.  
通用标准型材，适用于中度负载结构的框架组合。

- 8mm T-Slot Profile  
槽口8mm型材
- Material: 6063-T5  
材质: 6063-T5
- Surface treatment: Anodic oxidation (Untreated cutting surface).  
表面处理: 阳极氧化(切断面未进行氧化处理)。
- Length: L=6000±0.5mm  
长度: L=6000±0.5mm

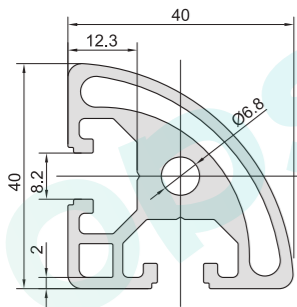


# 40铝型材系列

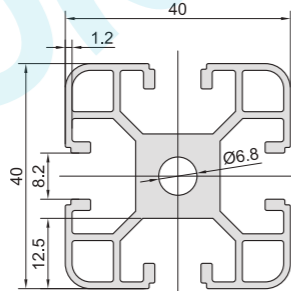
## 40 Aluminum Profile Series



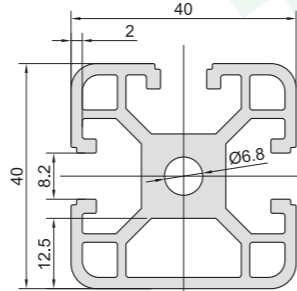
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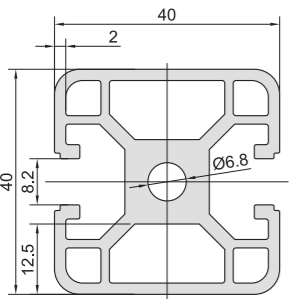
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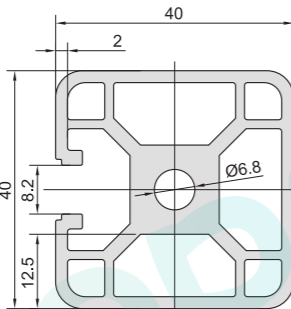
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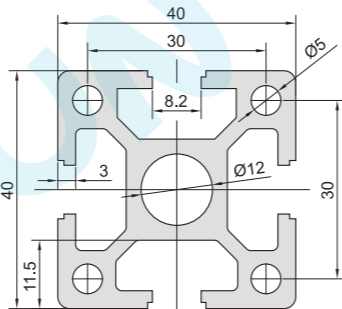
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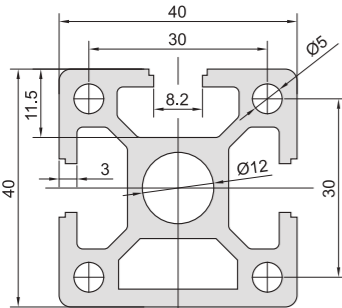
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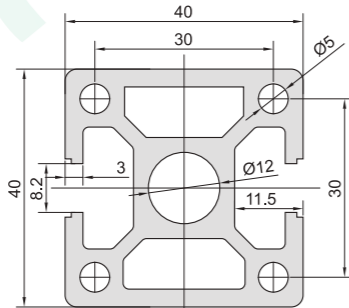
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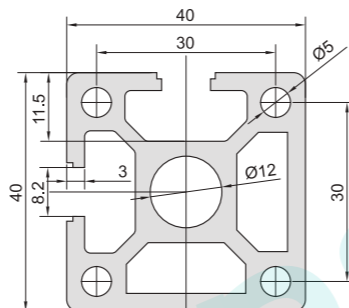
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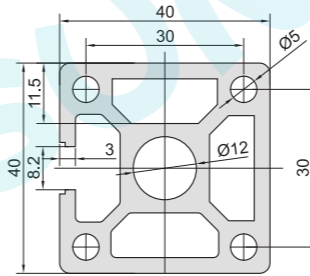
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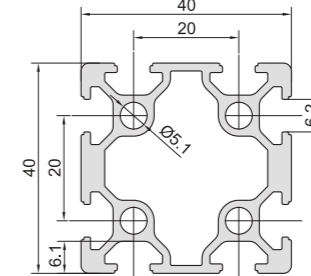
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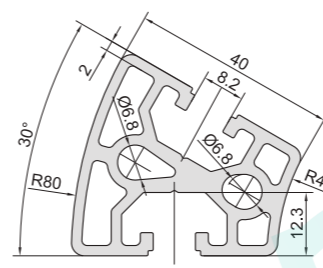
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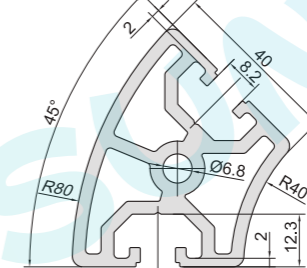
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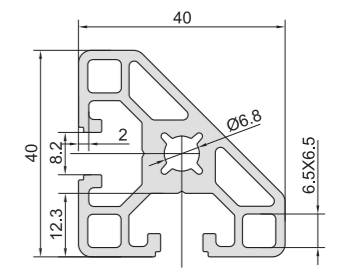
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TS-8-4040-45D



TS-8-4040-45Z



Model 型号	Moment of Inertia 惯性矩 Ix(cm <sup>4</sup> )	Moment of Inertia 惯性矩 Iy(cm <sup>4</sup> )	Moment of Resistance 惯性矩 Wx(cm <sup>3</sup> )	Moment of Resistance 惯性矩 Wy(cm <sup>3</sup> )	Mass 重量 (kg/m)
TS-8-4040-01	6.15	6.15	2.83	2.83	1.60Kg/m
TS-8-4040-02	6.30	6.30	3.15	3.15	1.32Kg/m
TS-8-4040-03	8.58	8.92	4.29	4.46	1.64Kg/m
TS-8-4040-04	8.56	9.24	4.28	4.62	1.66Kg/m
TS-8-4040-05	8.87	9.21	4.43	4.60	1.68Kg/m
TS-8-4040-06	10.9	10.9	5.45	5.45	1.80Kg/m
TS-8-4040-07	10.9	11.9	5.45	5.95	1.86Kg/m
TS-8-4040-08	11.8	11.9	5.90	5.95	2.00Kg/m
TS-8-4040-09	11.8	11.9	5.90	5.95	2.00Kg/m
TS-8-4040-10	11.8	12.8	5.90	6.40	2.10Kg/m
TS-6-4040-01	8.12	9.12	4.06	4.56	1.29Kg/m
TS-8-4040-30D	8.38	4.90	6.32	4.12	1.55Kg/m
TS-8-4040-45D	18.28	12.70	9.12	5.64	2.45Kg/m
TS-8-4040-45Z	6.32	6.32	2.82	2.82	1.60Kg/m

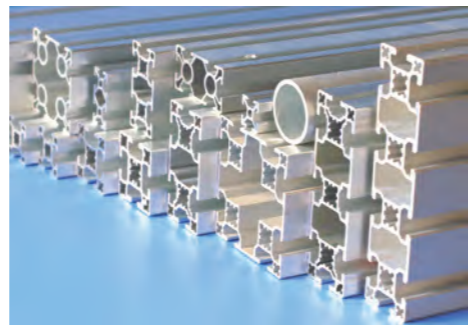


# 40铝型材系列

## 40 Aluminum Profile Series

Universal standard profiles, framework combination suitable for moderate load structures.  
通用标准型材，适用于中度负载结构的框架组合。

- 8mm T-Slot Profile  
槽口8mm型材
- Material: 6063-T5  
材质: 6063-T5
- Surface treatment: Anodic oxidation (untreated cutting surface).  
表面处理: 阳极氧化(切断面未进行氧化处理)。
- Length: L=6000±0.5mm  
长度: L=6000±0.5mm

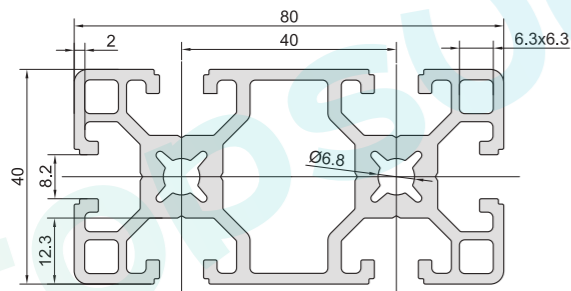


# 40铝型材系列

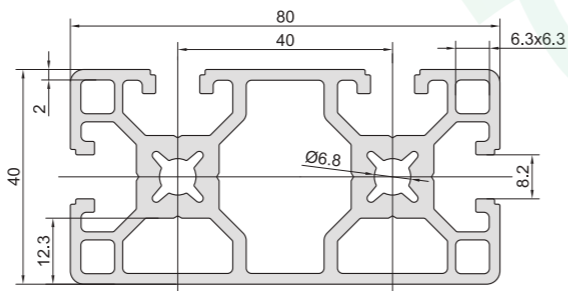
## 40 Aluminum Profile Series



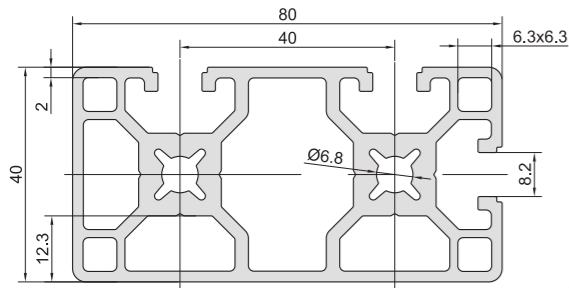
TS-8-4080-01



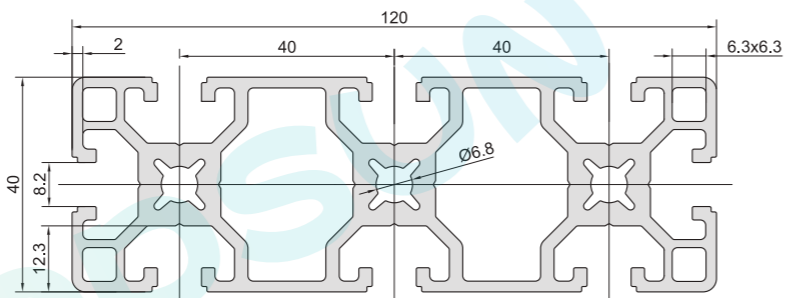
TS-8-4080-02



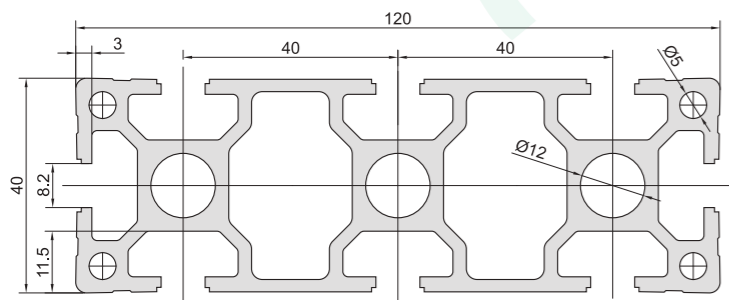
TS-8-4080-03



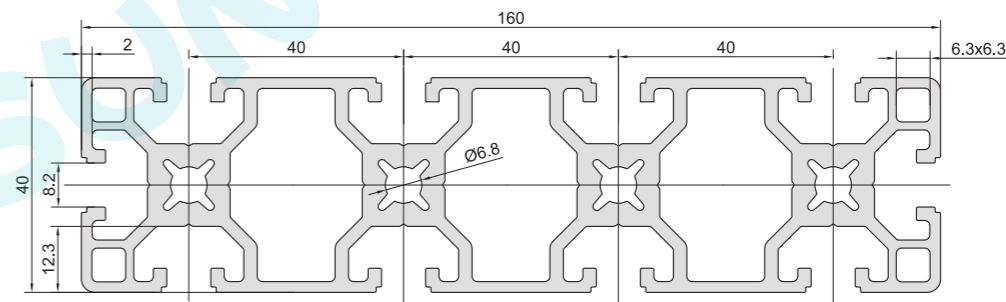
TS-8-40120-01



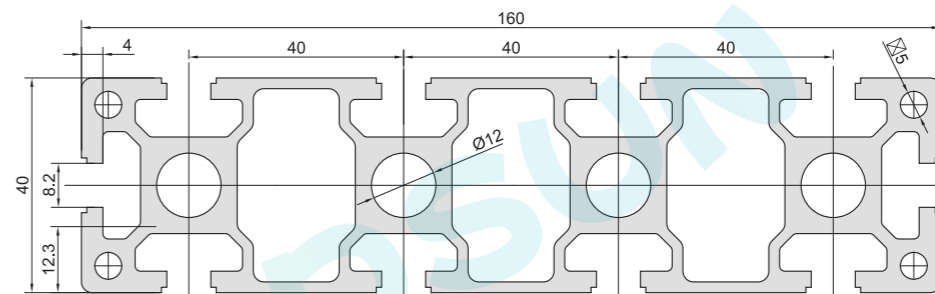
TS-8-40120-02



TS-8-40160-01



TS-8-40160-02



Model 型号	Moment of Inertia 惯性矩 Ix(cm <sup>4</sup> )	Moment of Inertia 惯性矩 Iy(cm <sup>4</sup> )	Moment of Resistance 惯性矩 Wx(cm <sup>3</sup> )	Moment of Resistance 惯性矩 Wy(cm <sup>3</sup> )	Mass 重量 (kg/m)
TS-8-4080-01	20.3	74.6	10.2	18.7	2.82Kg/m
TS-8-4080-02	17.0	65.2	8.50	16.3	2.86Kg/m
TS-8-4080-03	17.0	66.3	8.50	16.6	2.88Kg/m
TS-8-40120-01	24.0	204.2	12.0	34.0	4.26Kg/m
TS-8-40120-02	26.0	218.6	13.0	36.4	4.42Kg/m
TS-8-40160-01	31.6	463.3	15.8	57.9	5.56Kg/m
TS-8-40160-02	36.4	550.4	18.2	68.8	5.85Kg/m

40铝型材系列

40铝型材系列

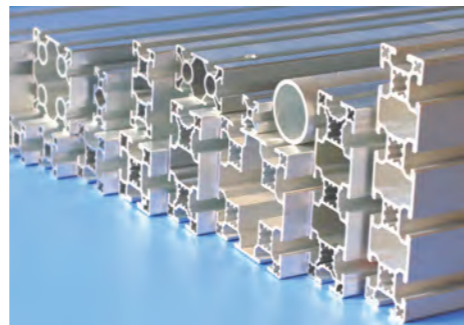


# 45铝型材系列

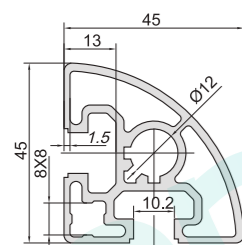
## 45 Aluminum Profile Series

Universal standard profiles, framework combination suitable for moderate load structures.  
通用标准型材，适用于中度负载结构的框架组合。

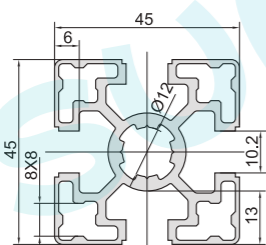
- 10mm T-Slot Profile  
槽口10mm型材
- Material: 6063-T5  
材质: 6063-T5
- Surface treatment: Anodic oxidation (untreated cutting surface).  
表面处理: 阳极氧化(切断面未进行氧化处理)。
- Length: L=6000±0.5mm  
长度: L=6000±0.5mm



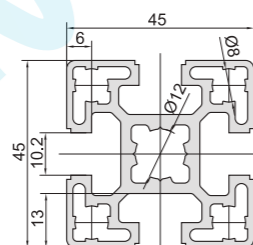
TS-10-4545-01



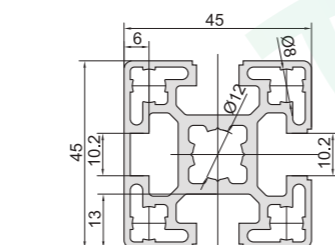
TS-10-4545-02



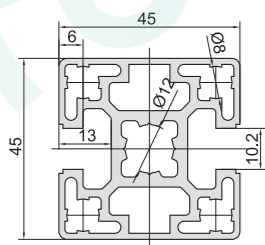
TS-10-4545-03



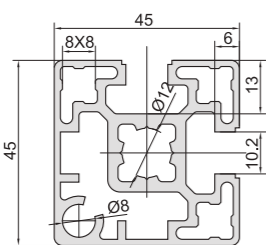
TS-10-4545-04



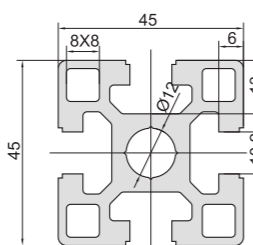
TS-10-4545-05



TS-10-4545-06



TS-10-4545-06



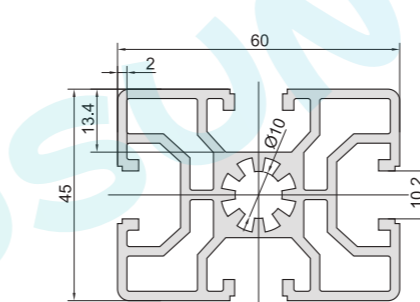
Model 型号	Moment of Inertia 惯性矩 Ix(cm <sup>4</sup> )	Moment of Inertia 惯性矩 Iy(cm <sup>4</sup> )	Moment of Resistance 惯性矩 Wx(cm <sup>3</sup> )	Moment of Resistance 惯性矩 Wy(cm <sup>3</sup> )	Mass 重量 (kg/m)
TS-10-4545-01	10.4	6.36	3.46	2.38	1.48Kg/m
TS-10-4545-02	10.5	10.5	4.67	4.67	1.62Kg/m
TS-10-4545-03	12.4	12.4	5.51	5.51	1.82Kg/m
TS-10-4545-04	12.4	13.2	5.51	5.87	1.84Kg/m
TS-10-4545-05	12.4	14.0	5.51	6.22	1.90Kg/m
TS-10-4545-06	13.0	13.3	5.78	5.91	1.82Kg/m
TS-10-4545-07	16.5	16.5	7.33	7.33	2.41Kg/m

# 45铝型材系列

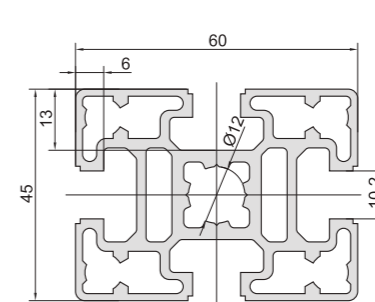
## 45 Aluminum Profile Series



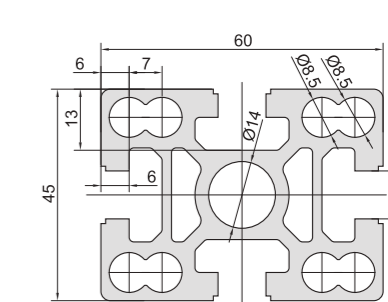
TS-10-4560-01



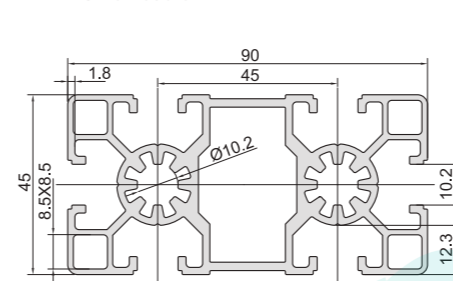
TS-10-4560-02



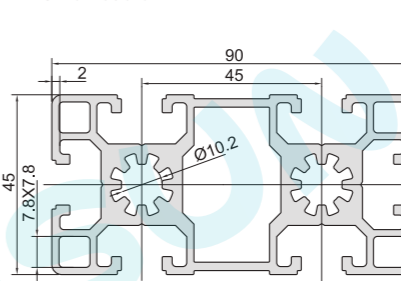
TS-10-4560-03



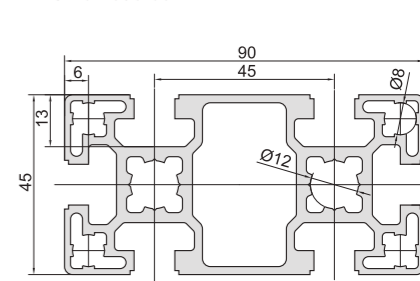
TS-10-4590-01



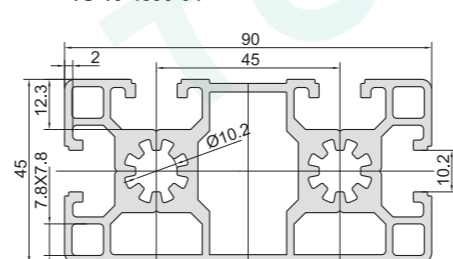
TS-10-4590-02



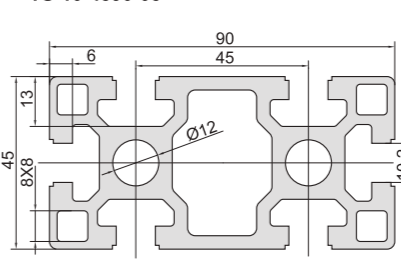
TS-10-4590-03



TS-10-4590-04



TS-10-4590-05



Model 型号	Moment of Inertia 惯性矩 Ix(cm <sup>4</sup> )	Moment of Inertia 惯性矩 Iy(cm <sup>4</sup> )	Moment of Resistance 惯性矩 Wx(cm <sup>3</sup> )	Moment of Resistance 惯性矩 Wy(cm <sup>3</sup> )	Mass 重量 (kg/m)
TS-10-4560-01	16.5	27.8	7.33	9.27	2.35Kg/m
TS-10-4560-02	16.0	27.6	7.11	9.20	2.38Kg/m
TS-10-4560-03	22.0	36.5	9.78	12.2	3.12Kg/m
TS-10-4590-01	20.3	78.6	9.02	17.5	3.00Kg/m
TS-10-4590-02	23.5	97.7	10.5	21.7	3.60Kg/m
TS-10-4590-03	24.5	91.9	10.9	20.4	3.20Kg/m
TS-10-4590-04	24.6	98.6	10.9	21.9	3.64Kg/m
TS-10-4590-05	32.5	122.2	14.4	27.2	4.52Kg/m

45铝型材系列

45铝型材系列

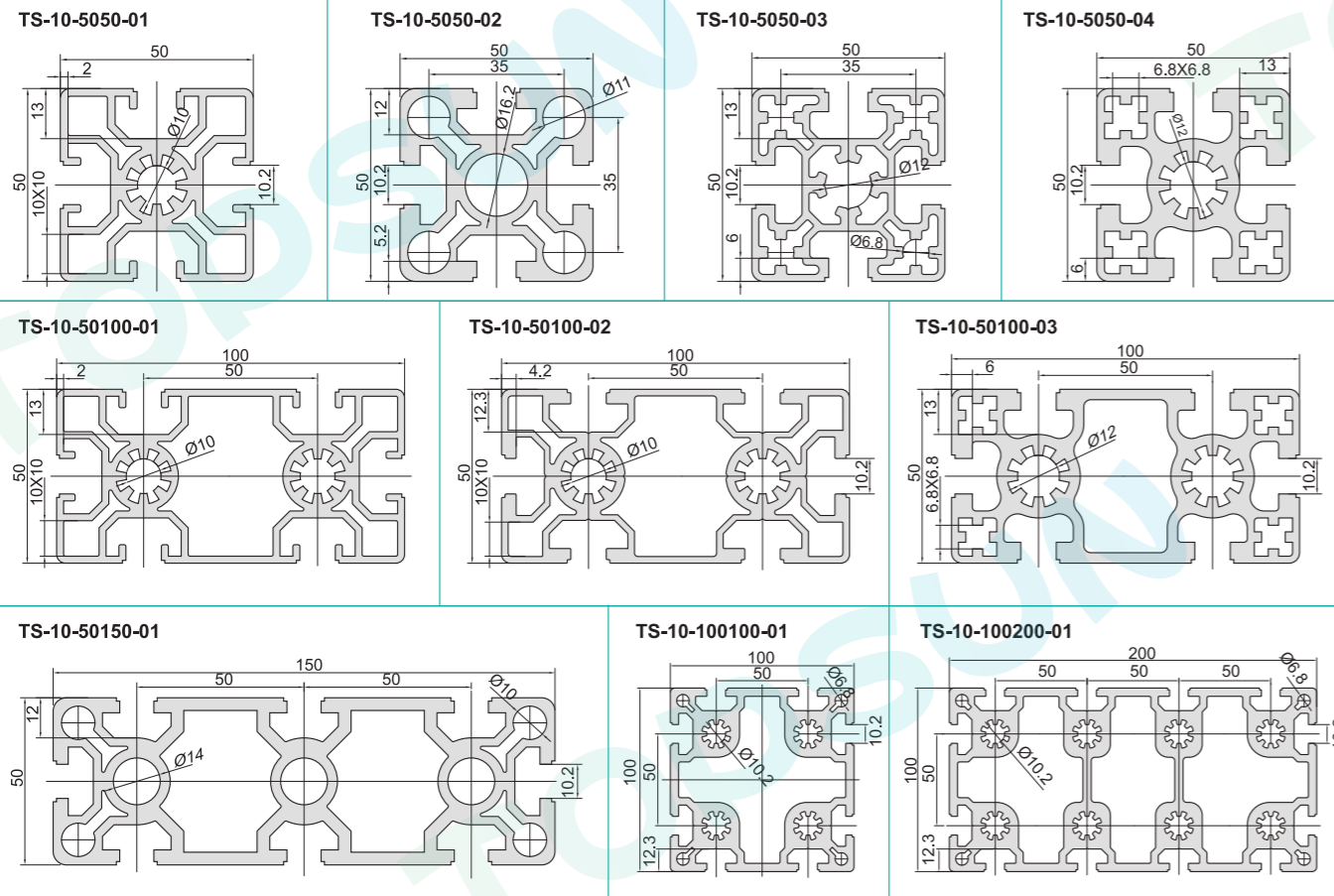
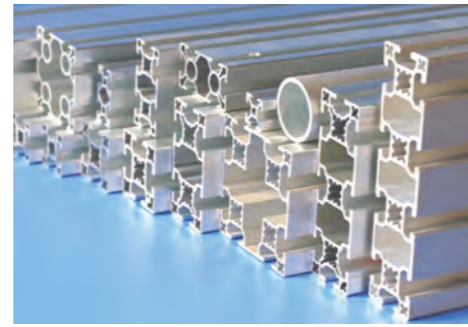


# 50铝型材系列

## 50 Aluminum Profile Series

Universal standard profiles, framework combination suitable for heavy load structures.  
通用标准型材，适用于重度负载结构的框架组合。

- 10mm T-Slot Profile  
槽口10mm型材
- Material: 6063-T5  
材质: 6063-T5
- Surface treatment: Anodic oxidation (Untreated cutting surface).  
表面处理: 阳极氧化(切断面未进行氧化处理)。
- Length: L=6000±0.5mm  
长度: L=6000±0.5mm



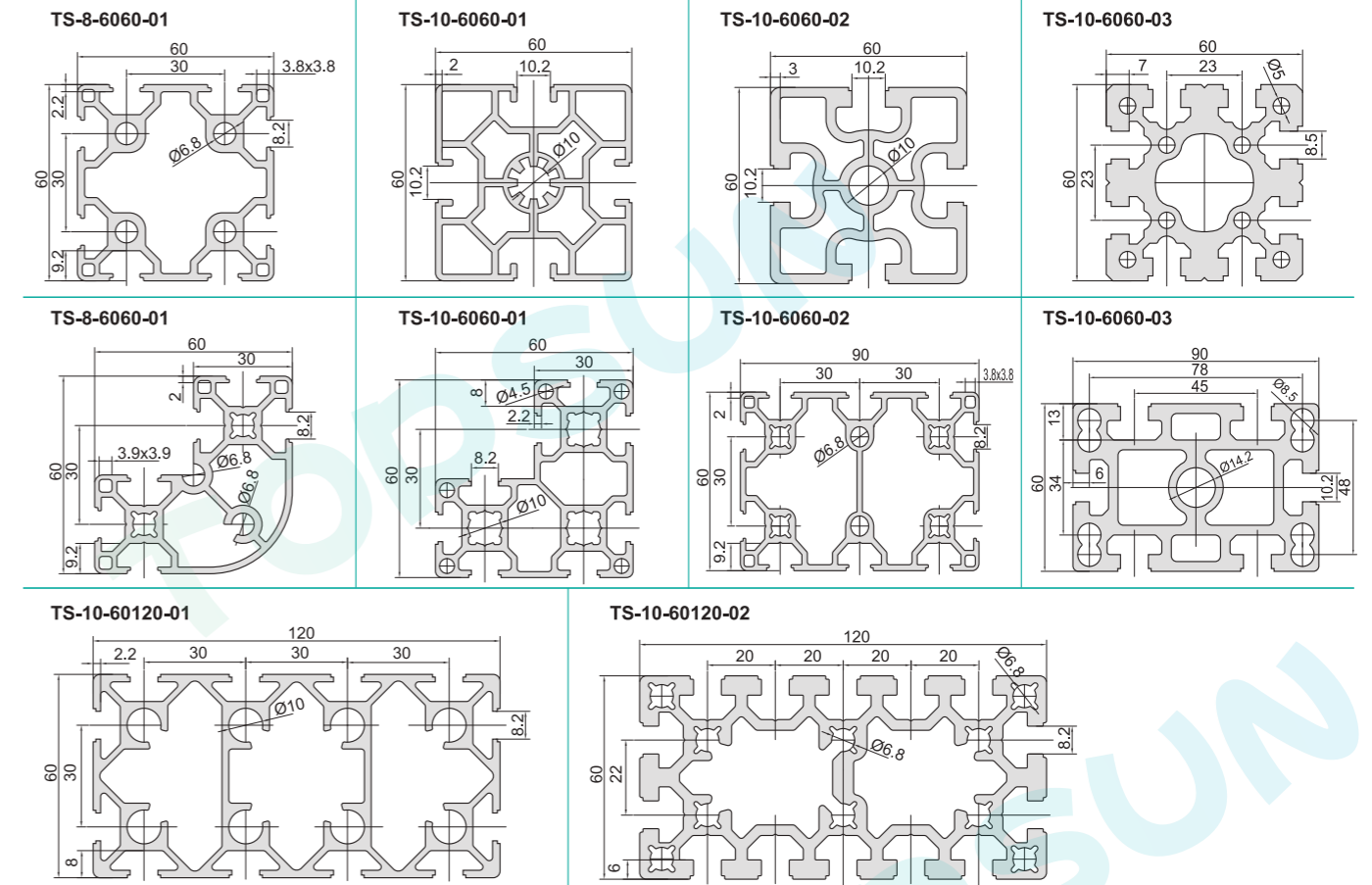
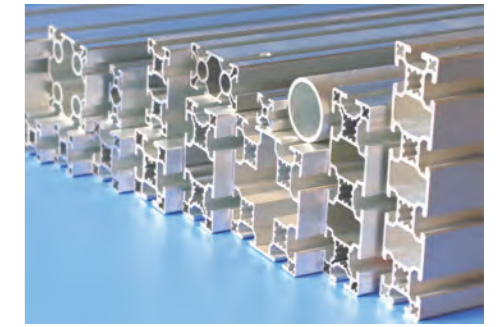
Model 型号	Moment of Inertia 惯性矩 Ix(cm <sup>4</sup> )	Moment of Inertia 惯性矩 Iy(cm <sup>4</sup> )	Moment of Resistance 惯性矩 Wx(cm <sup>3</sup> )	Moment of Resistance 惯性矩 Wy(cm <sup>3</sup> )	Mass 重量 (kg/m)
TS-10-5050-01	19.2	19.2	7.68	7.68	2.41Kg/m
TS-10-5050-02	23.7	23.7	9.48	9.48	2.83Kg/m
TS-10-5050-03	21.4	21.4	8.56	8.56	2.48Kg/m
TS-10-5050-04	25.0	25.0	10.0	10.0	3.12Kg/m
TS-10-50100-01	33.8	144.5	13.5	28.9	3.84Kg/m
TS-10-50100-02	36.2	152.6	14.5	30.5	4.06Kg/m
TS-10-50100-03	46.2	184.3	18.5	36.9	5.08Kg/m
TS-10-50150-01	71.2	570.1	28.5	76.0	7.18Kg/m
TS-10-100100	397.8	397.8	79.6	79.6	10.15Kg/m
TS-10-100200	748.6	2679.2	149.7	268.0	19.48Kg/m

# 60铝型材系列

## 60 Aluminum Profile Series

Universal standard profiles, framework combination suitable for heavy load structures.  
通用标准型材，适用于重度负载结构的框架组合。

- 10mm T-Slot Profile  
槽口10mm型材
- Material: 6063-T5  
材质: 6063-T5
- Surface treatment: Anodic oxidation (Untreated cutting surface).  
表面处理: 阳极氧化(切断面未进行氧化处理)。
- Length: L=6000±0.5mm  
长度: L=6000±0.5mm



Model 型号	Moment of Inertia 惯性矩 Ix(cm <sup>4</sup> )	Moment of Inertia 惯性矩 Iy(cm <sup>4</sup> )	Moment of Resistance 惯性矩 Wx(cm <sup>3</sup> )	Moment of Resistance 惯性矩 Wy(cm <sup>3</sup> )	Mass 重量 (kg/m)
TS-8-6060-01	37.0	37.0	12.3	12.3	2.62Kg/m
TS-10-6060-01	35.1	35.1	11.7	11.7	2.94Kg/m
TS-10-6060-02	47.6	47.6	15.9	15.9	3.85Kg/m
TS-10-6060-03	60.7	60.7	20.2	20.2	4.92Kg/m
TS-8-6030-90D1	23.2	23.2	8.8	8.8	2.15Kg/m
TS-8-6030-90D2	34.8	17.2	8.47	5.12	2.32Kg/m
TS-8-6090-01	49.3	102.0	16.4	22.7	3.38Kg/m
TS-10-6090-01	76.1	157.3	25.4	35.0	5.84Kg/m
TS-10-60120-01	74.2	251.8	24.7	42.0	4.82Kg/m
TS-10-60120-02	95.6	351.2	31.9	58.5	7.68Kg/m

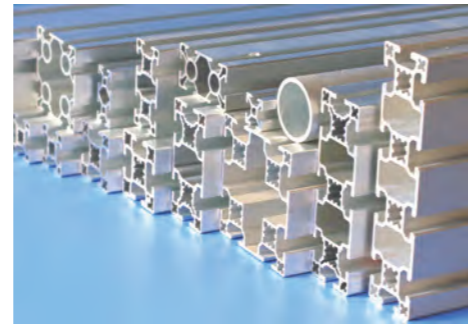


# 80铝型材系列

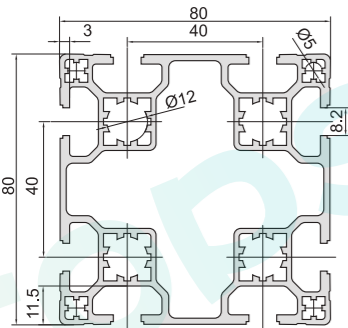
## 80 Aluminum Profile Series

Universal standard profiles, framework combination suitable for heavy load structures.  
通用标准型材，适用于重度负载结构的框架组合。

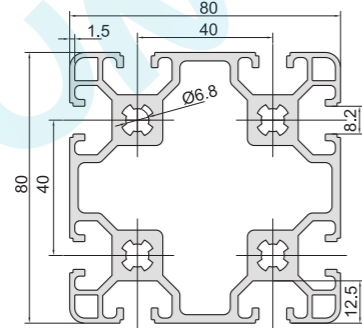
- 8或10mmT-Slot Profile  
槽口8或10mm型材
- Material: 6063-T5  
材质: 6063-T5
- Surface treatment: Anodic oxidation (Untreated cutting surface).  
表面处理: 阳极氧化(切断面未进行氧化处理)。
- Length: L=6000±0.5mm  
长度: L=6000±0.5mm



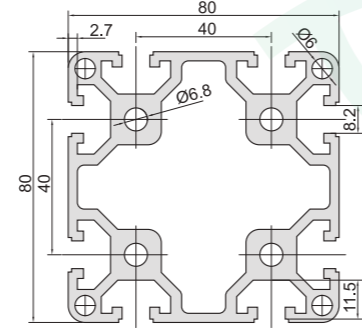
TS-8-8080-01



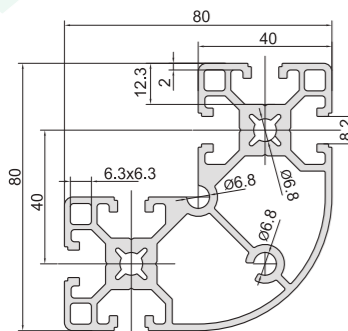
TS-8-8080-02



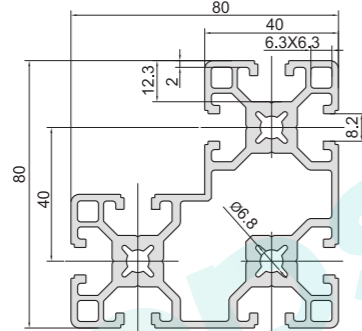
TS-8-8080-03



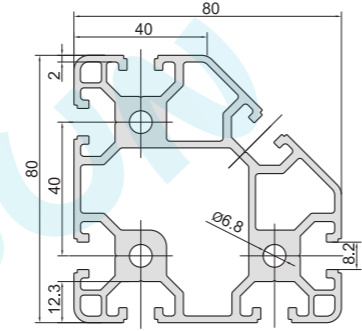
TS-8-8040-90D1



TS-8-8040-90D2



TS-8-8040-45D

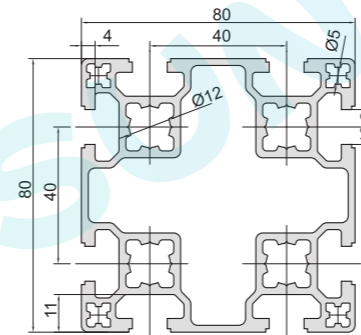


Model 型号	Moment of Inertia 惯性矩 Ix(cm <sup>4</sup> )	Moment of Inertia 惯性矩 Iy(cm <sup>4</sup> )	Moment of Resistance 惯性矩 Wx(cm <sup>3</sup> )	Moment of Resistance 惯性矩 Wy(cm <sup>3</sup> )	Mass 重量 (kg/m)
TS-8-8080-01	97.5	97.5	24.4	24.4	3.63Kg/m
TS-8-8080-02	105.8	105.8	26.5	26.5	4.34Kg/m
TS-8-8080-03	132.4	132.4	33.1	33.1	5.28Kg/m
TS-8-8040-90D1	34.4	111.6	27.9	27.9	3.69Kg/m
TS-8-8040-90D2	55.9	114.2	28.6	28.6	4.08Kg/m
TS-8-8040-45D	70.5	116.7	35.3	35.3	4.42Kg/m

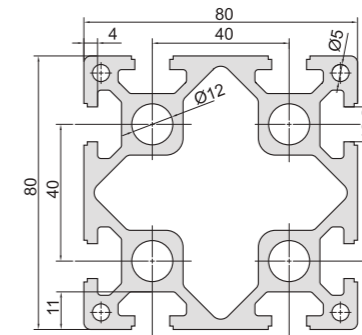
# 80铝型材系列

## 80 Aluminum Profile Series

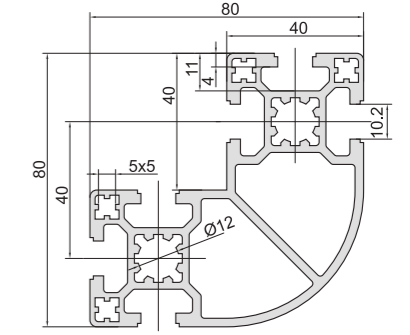
TS-10-8080-01



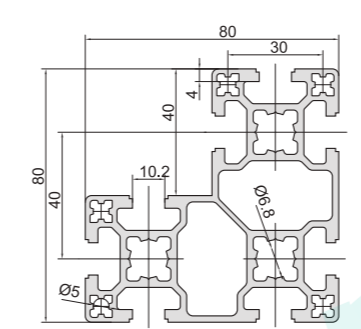
TS-10-8080-02



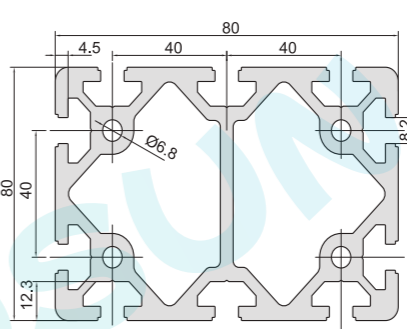
TS-10-8040-90D1



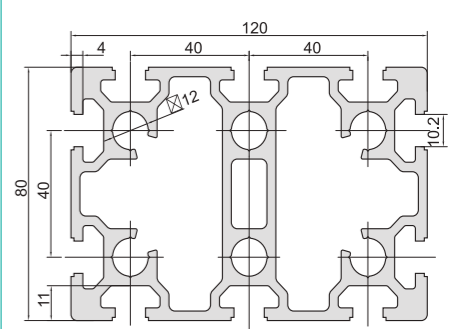
TS-10-8040-90D2



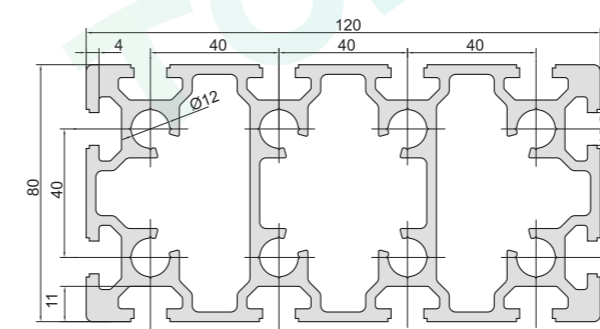
TS-8-80120-01



TS-10-80120-01



TS-10-80160-01



Model 型号	Moment of Inertia 惯性矩 Ix(cm <sup>4</sup> )	Moment of Inertia 惯性矩 Iy(cm <sup>4</sup> )	Moment of Resistance 惯性矩 Wx(cm <sup>3</sup> )	Moment of Resistance 惯性矩 Wy(cm <sup>3</sup> )	Mass 重量 (kg/m)
TS-10-8080-01	109.8	109.8	27.5	27.5	4.21Kg/m
TS-10-8080-02	148.2	148.2	37.1	37.1	5.77Kg/m
TS-10-8040-90D1	36.4	109.5	18.2	27.4	3.50Kg/m
TS-10-8040-90D2	55.1	109.7	27.6	27.6	3.82Kg/m
TS-8-80120-01	243.7	501.7	60.9	83.6	8.86Kg/m
TS-10-80120-01	221.8	448.6	55.5	74.8	8.28Kg/m
TS-10-80160-01	263.4	917.6	65.9	114.7	9.24Kg/m

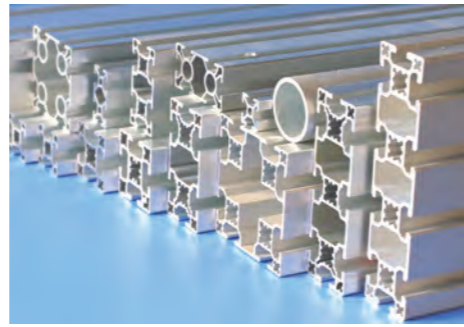


# 90铝型材系列

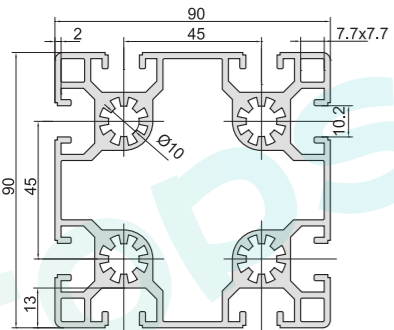
## 90 Aluminum Profile Series

Universal standard profiles, framework combination suitable for heavy load structures.  
通用标准型材，适用于重度负载结构的框架组合。

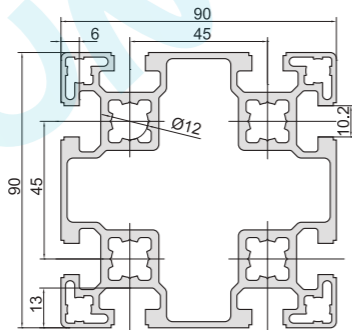
- 10mm T-Slot Profile  
槽口10mm型材
- Material: 6063-T5  
材质: 6063-T5
- Surface treatment: Anodic oxidation (Untreated cutting surface).  
表面处理: 阳极氧化(切断面未进行氧化处理)。
- Length: L=6000±0.5mm  
长度: L=6000±0.5mm



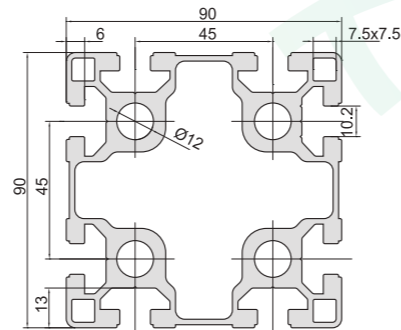
TS-10-9090-01



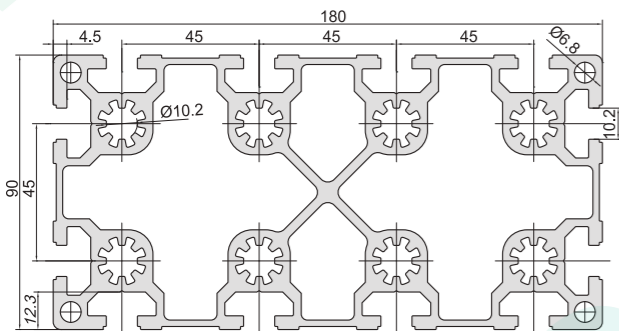
TS-10-9090-02



TS-10-9090-03



TS-10-90180-03



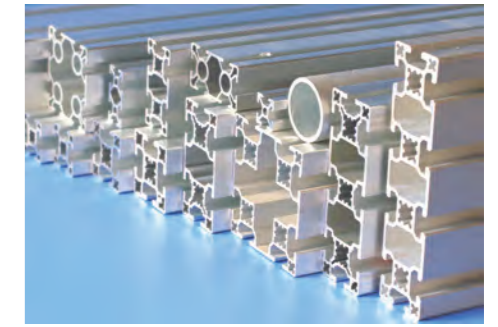
Model 型号	Moment of Inertia 惯性矩 Ix(cm <sup>4</sup> )	Moment of Inertia 惯性矩 Iy(cm <sup>4</sup> )	Moment of Resistance 惯性矩 Wx(cm <sup>3</sup> )	Moment of Resistance 惯性矩 Wy(cm <sup>3</sup> )	Mass 重量 (kg/m)
TS-10-9090-01	168.2	168.2	37.4	37.4	5.18Kg/m
TS-10-9090-02	167.1	167.1	37.1	37.1	5.32Kg/m
TS-10-9090-03	206.0	206.0	45.8	45.8	6.48Kg/m
TS-10-90180-03	384.7	1375.4	85.5	152.8	12.36Kg/m

# 120铝型材系列

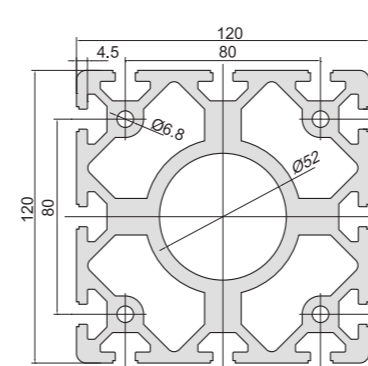
## 120 Aluminum Profile Series

Universal standard profiles, framework combination suitable for heavy load structures.  
通用标准型材，适用于重度负载结构的框架组合。

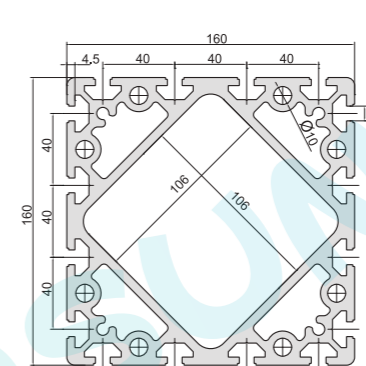
- 10mm T-Slot Profile  
槽口10mm型材
- Material: 6063-T5  
材质: 6063-T5
- Surface treatment: Anodic oxidation (Untreated cutting surface).  
表面处理: 阳极氧化(切断面未进行氧化处理)。
- Length: L=4000±0.5mm  
长度: L=4000±0.5mm



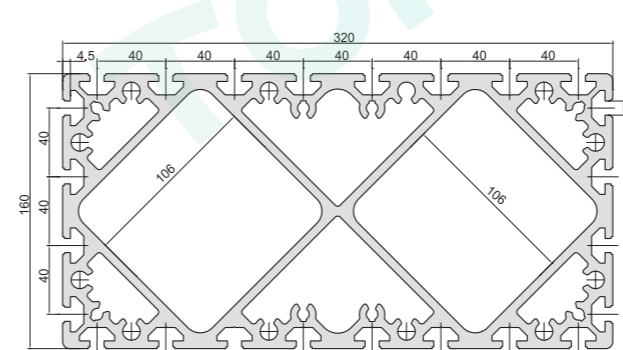
TS-10-120120



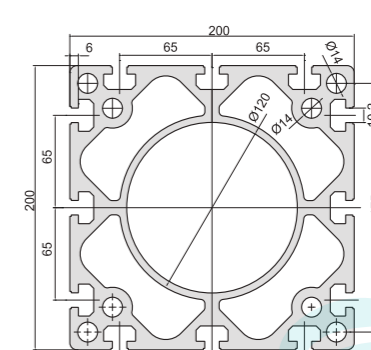
TS-10-160160



TS-10-160320



TS-10-200200



Model 型号	Moment of Inertia 惯性矩 Ix(cm <sup>4</sup> )	Moment of Inertia 惯性矩 Iy(cm <sup>4</sup> )	Moment of Resistance 惯性矩 Wx(cm <sup>3</sup> )	Moment of Resistance 惯性矩 Wy(cm <sup>3</sup> )	Mass 重量 (kg/m)
TS-10-120120	781.0	781.0	130.2	130.2	16.2Kg/m
TS-10-160160	2264.5	2264.5	283.1	283.1	21.9Kg/m
TS-10-160320	4166.8	13500.0	521.0	843.8	37.2Kg/m
TS-10-200200	5745.3	5745.3	574.5	574.5	36.6Kg/m

90铝型材系列

120铝型材系列

Anchor Connector  
锚式连接销



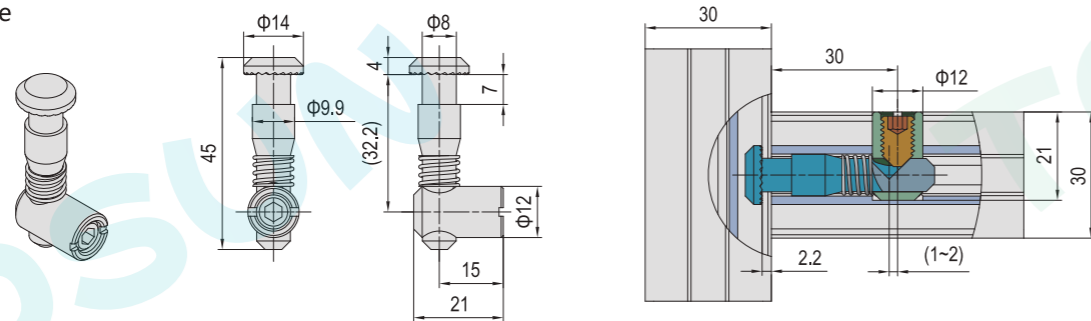
Material: Carbon Steel  
材质: 碳钢  
Surface Treatment: Galvanization  
表面处理: 镀锌  
Colour: Blue and White color  
颜色: 蓝白色

Anchor Connector  
锚式连接销

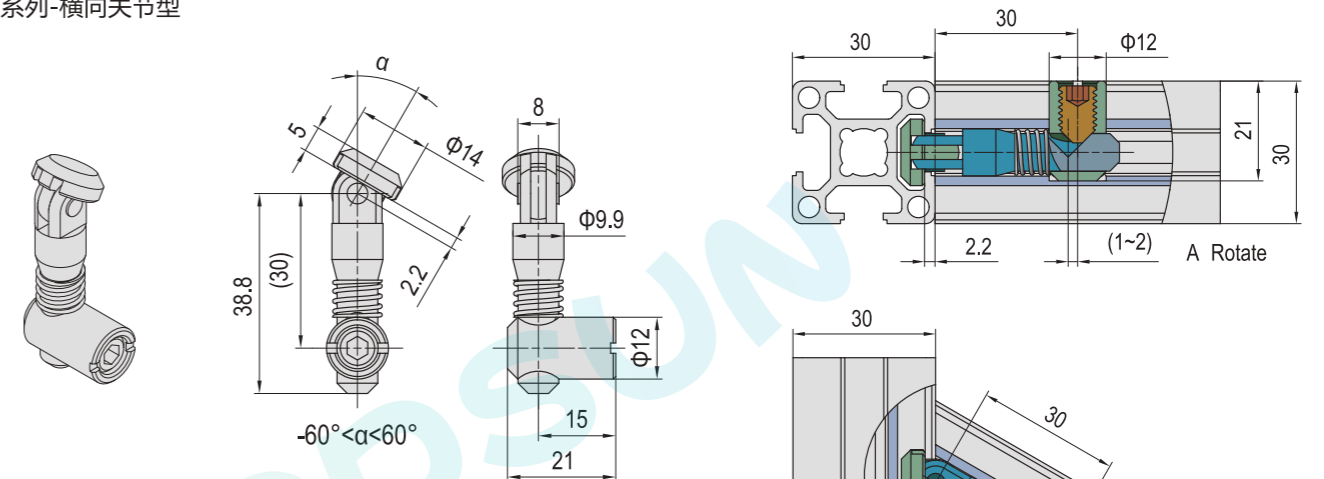


Material: Carbon Steel  
材质: 碳钢  
Surface Treatment: Galvanization  
表面处理: 镀锌  
Colour: Blue and White color  
颜色: 蓝白色

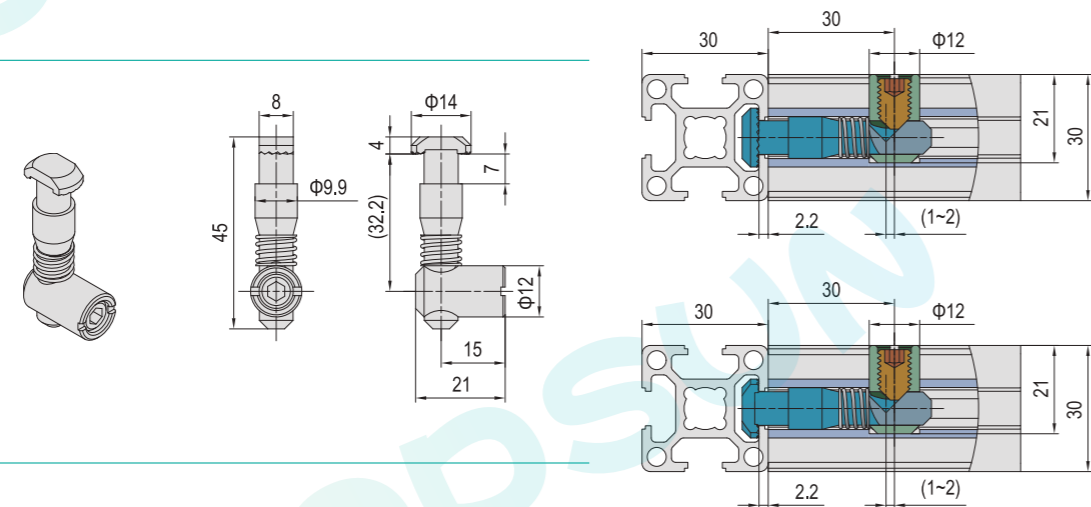
30Series-Universal type  
30系列-万向型



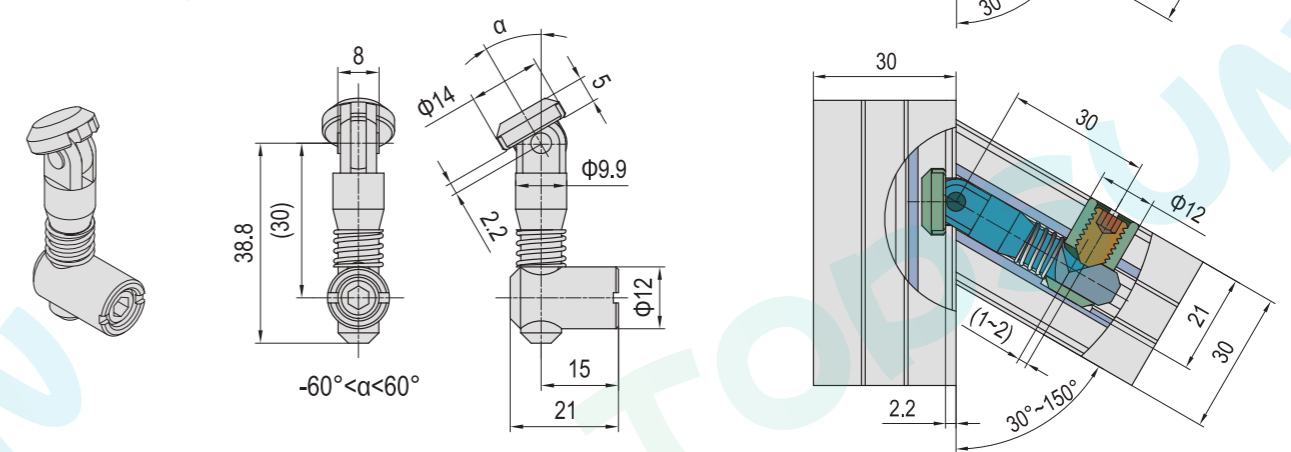
30Series-Lateral joint type  
30系列-横向关节型



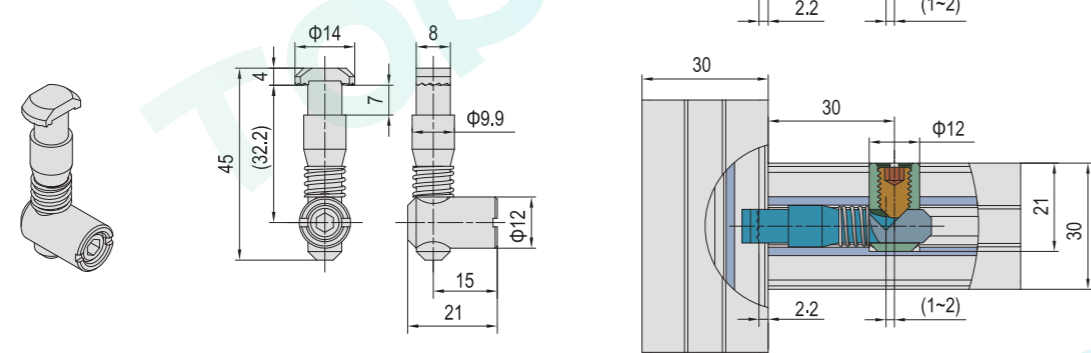
30Series-Lateral  
30系列-横向型



30Series-Vertical joint type  
30系列-纵向关节型



30Series-Vertical type  
30系列-纵向型



Model 型号	Name 名称	Mas 重量(g/unit)
TS-MSX-W-30	30Series-Universal type 30系列-万向型	39
TS-MSX-H-30	30Series-HX 30系列-横向型	38
TS-MSX-V-30	30Series-Vertical type 30系列-纵向型	38

Model 型号	Name 名称	Mas 重量(g/unit)
TS-MSX-H-GJ-30	30Series-Lateral joint type 30系列-横向关节型	55
TS-MSX-V-GJ-30	30Series-Vertical joint type 30系列-纵向关节型	55

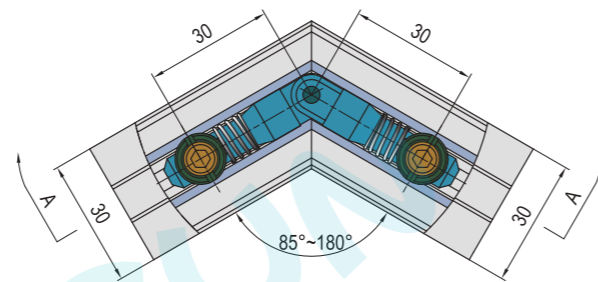
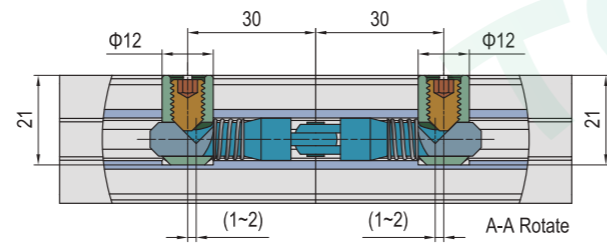
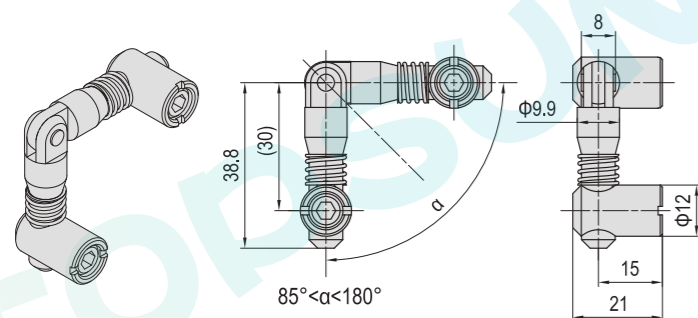


Anchor Connector  
锚式连接销

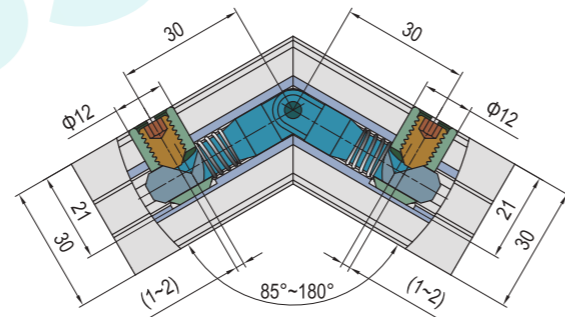
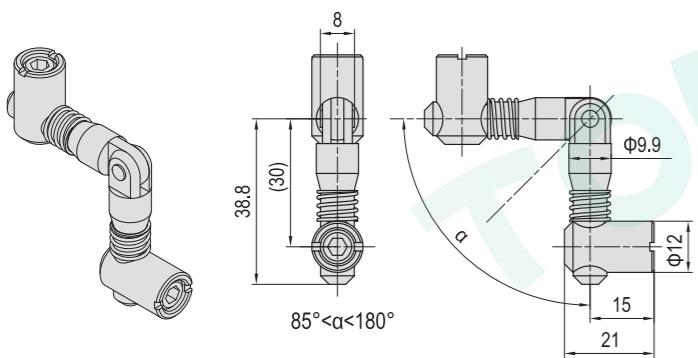


Material: Carbon Steel  
材质: 碳钢  
Surface Treatment: Galvanization  
表面处理: 镀锌  
Colour: Blue and White color  
颜色: 蓝白色

30Series-Horizontal docking type  
30系列-横向对接型



30Series-Vertical docking type  
30系列-纵向对接型

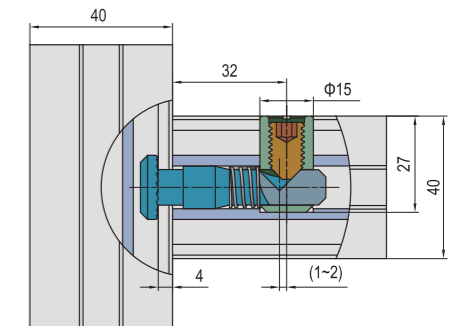
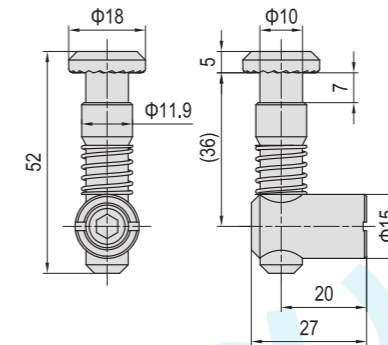
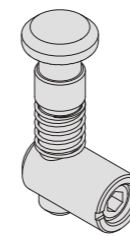


Anchor Connector  
锚式连接销

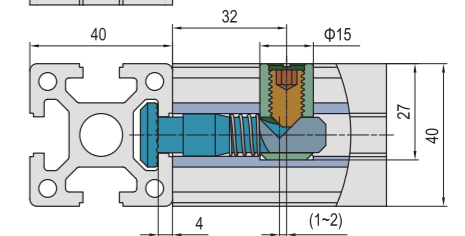
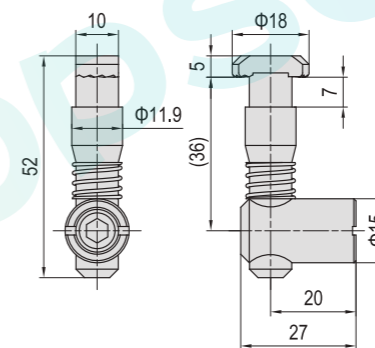
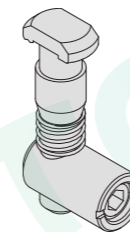


Material: Carbon Steel  
材质: 碳钢  
Surface Treatment: Galvanization  
表面处理: 镀锌  
Colour: Blue and White color  
颜色: 蓝白色

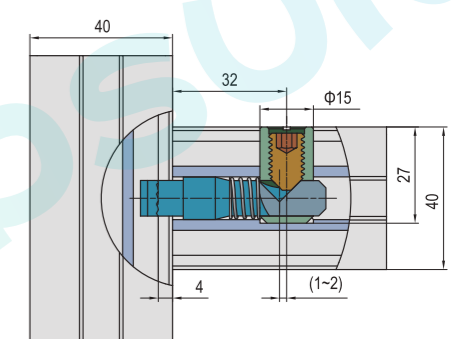
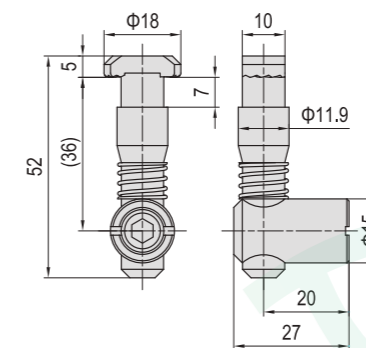
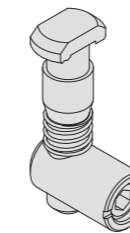
40Series-WX  
40系列-万向型



40Series-HX  
40系列-横向型



40Series-ZX  
40系列-纵向型



Model 型号	Name 名称	Mas 重量(g/unit)
TS-MSX-H-DJ-30	30Series-Horizontal docking type 30系列-横向对接型	63
TS-MSX-V-DJ-30	30Series-Vertical docking type 30系列-纵向对接型	63

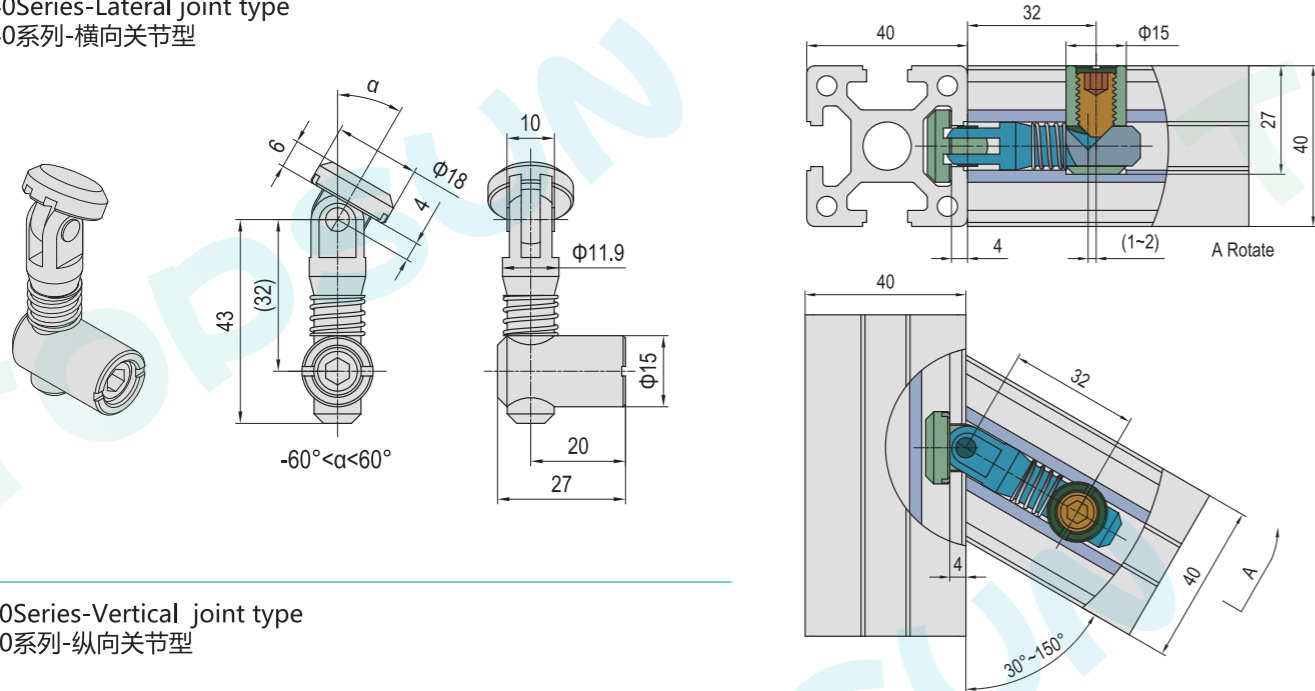
Model 型号	Name 名称	Mas 重量(g/unit)
TS-MSX-WX-40	40Series-WX 40系列-万向型	62
TS-MSX-HX-40	40Series-HX 40系列-横向型	58
TS-MSX-ZX-40	40Series-ZX 40系列-纵向型	58

**Anchor Connector**  
锚式连接销

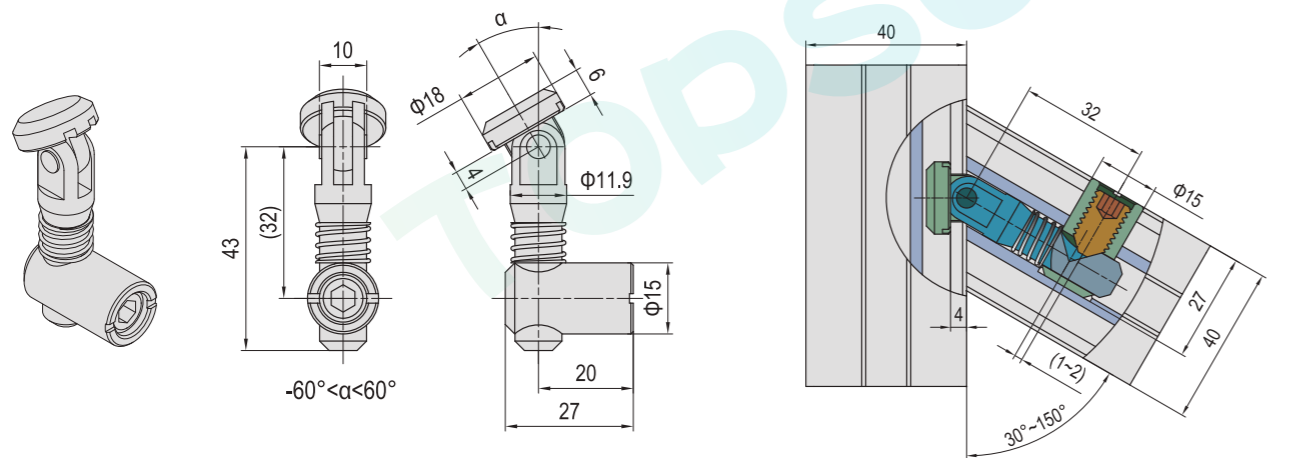


Material: Carbon Steel  
材 质: 碳钢  
Surface Treatment: Galvanization  
表面处理: 镀锌  
Colour: Blue and White color  
颜 色: 蓝白色

40Series-Lateral joint type  
40系列-横向关节型



40Series-Vertical joint type  
40系列-纵向关节型



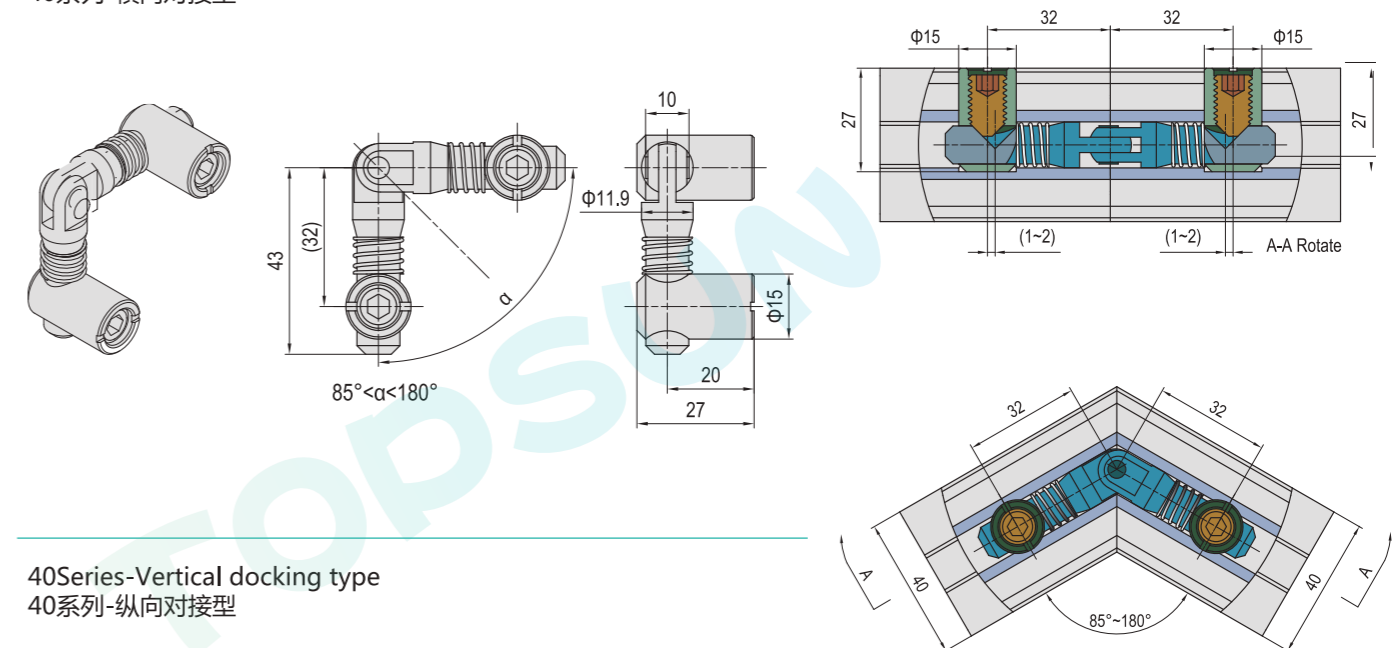
Model 型号	Name 名称	Mas 重量(g/unit)
TS-MSX-H-GJ-40	40Series-Lateral joint type 40系列-横向关节型	72
TS-MSX-V-GJ-40	40Series-Vertical joint type 40系列-纵向关节型	72

**Anchor Connector**  
锚式连接销

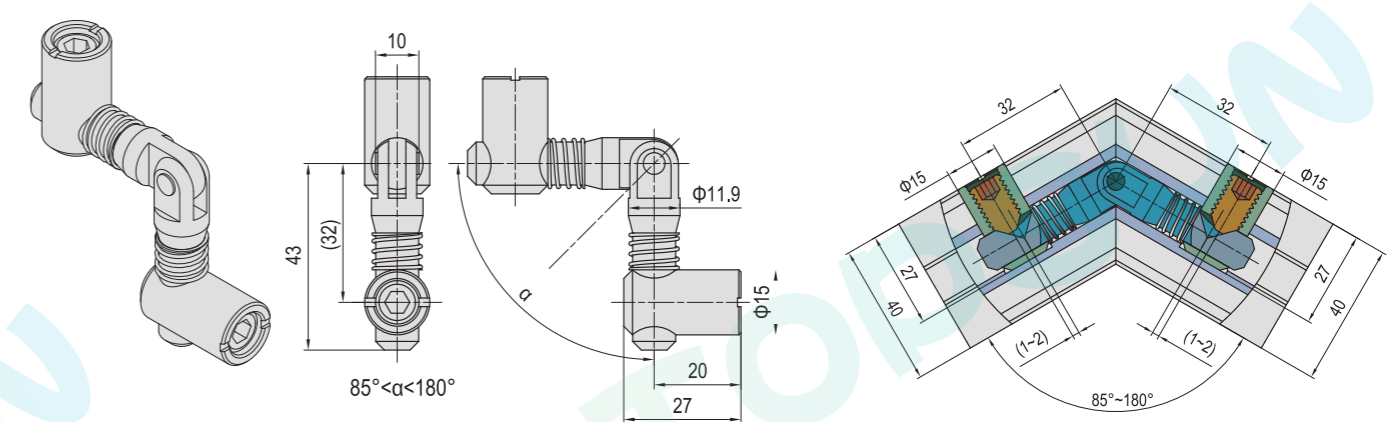


Material: Carbon Steel  
材 质: 碳钢  
Surface Treatment: Galvanization  
表面处理: 镀锌  
Colour: Blue and White color  
颜 色: 蓝白色

40Series-Horizontal docking type  
40系列-横向对接型



40Series-Vertical docking type  
40系列-纵向对接型



Model 型号	Name 名称	Mas 重量(g/unit)
TS-MSX-H-DJ-40	40Series-Horizontal docking type 40系列-横向对接型	97
TS-MSX-V-DJ-40	40Series-Vertical docking type 40系列-纵向对接型	97

Anchor Connector  
锚式连接销



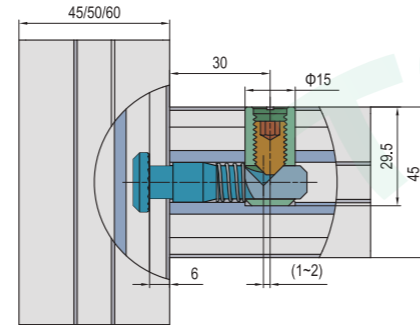
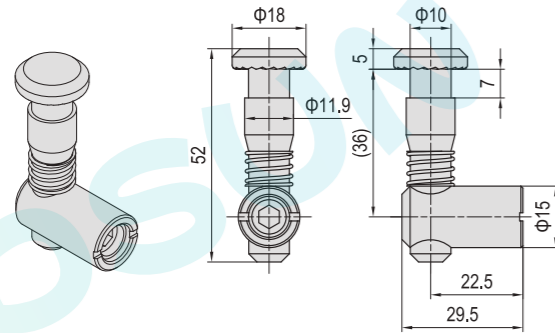
Material: Carbon Steel  
材质: 碳钢  
Surface Treatment: Galvanization  
表面处理: 镀锌  
Colour: Blue and White color  
颜色: 蓝白色

Anchor Connector  
锚式连接销

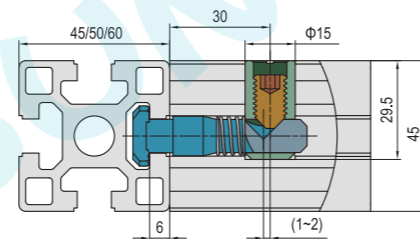
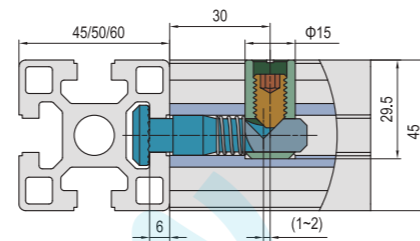
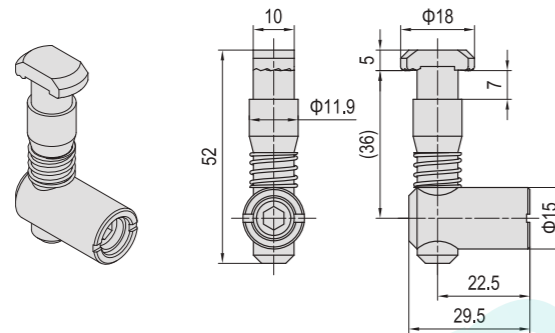


Material: Carbon Steel  
材质: 碳钢  
Surface Treatment: Galvanization  
表面处理: 镀锌  
Colour: Blue and White color  
颜色: 蓝白色

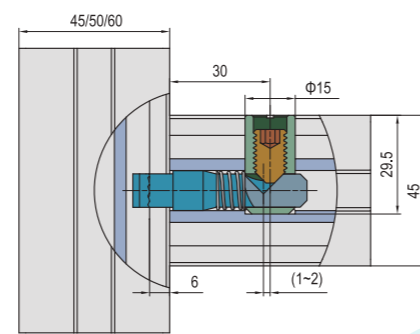
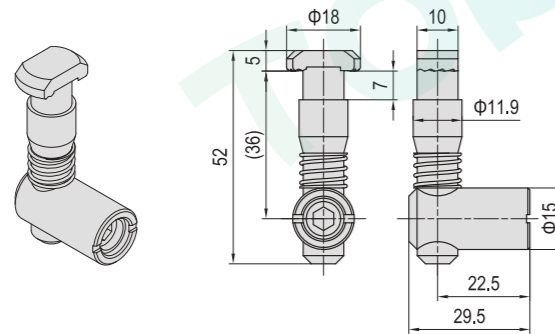
45Series-Universal type  
45系列-万向型



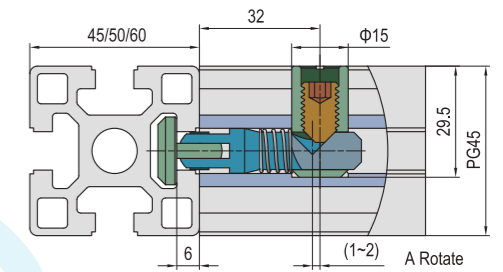
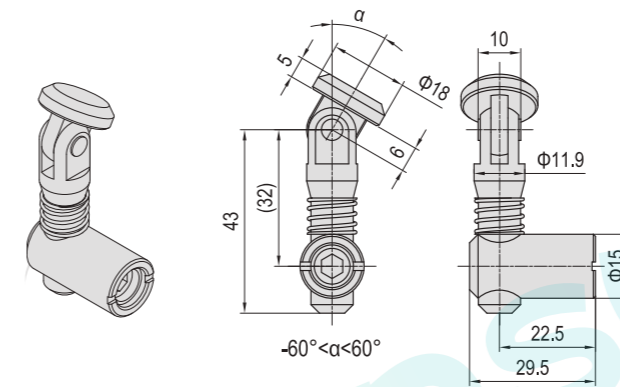
45Series-HX  
45系列-横向型



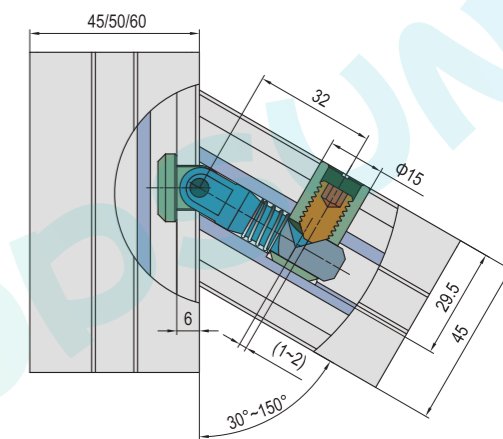
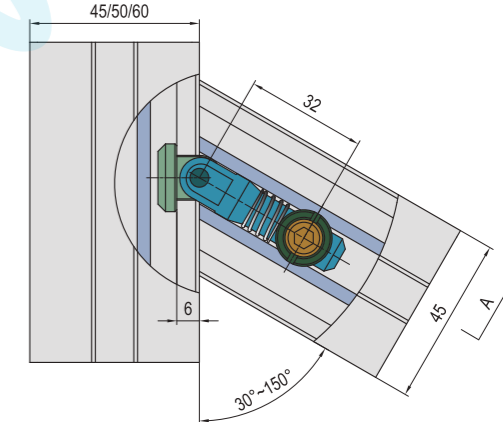
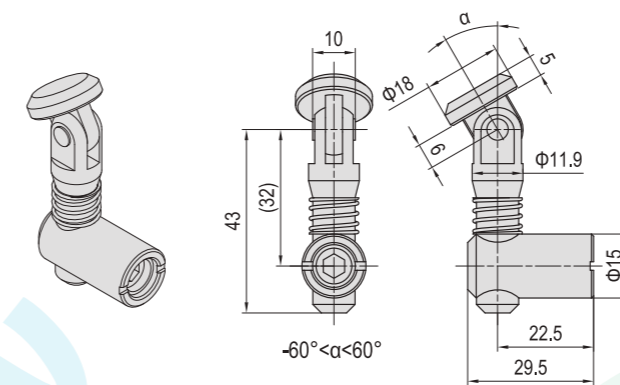
45Series-Vertical type  
45系列-纵向型



45Series-Lateral joint type  
45系列-横向关节型



45Series-Vertical joint type  
45系列-纵向关节型



Model 型号	Name 名称	Mas 重量(g/unit)
TS-MSX-W-45	45Series-Universal type 45系列-万向型	64
TS-MSX-H-45	45Series-HX 45系列-横向型	60
TS-MSX-V-45	45Series-Vertical type 45系列-纵向型	60

Model 型号	Name 名称	Mas 重量(g/unit)
TS-MSX-H-GJ-45	45Series-Lateral joint type 45系列-横向关节型	78
TS-MSX-V-GJ-45	45Series-Vertical joint type 45系列-纵向关节型	78

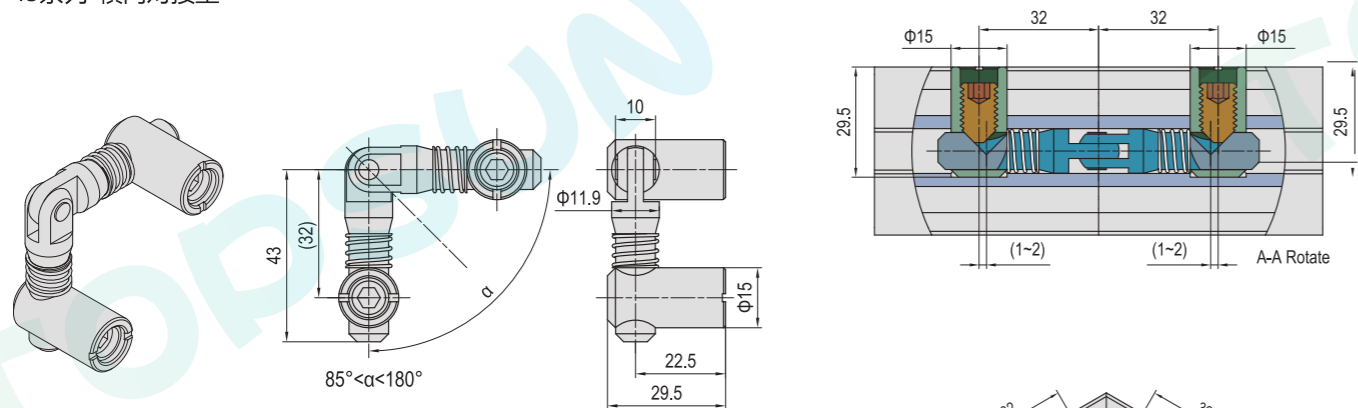


### Anchor Connector 锚式连接销

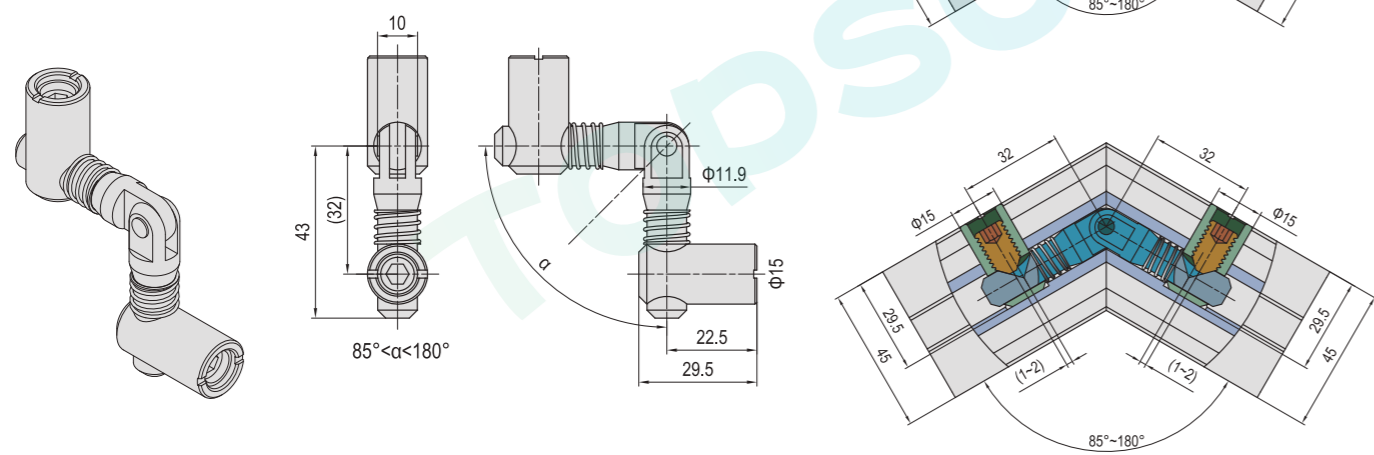


Material: Carbon Steel  
 材质: 碳钢  
 Surface Treatment: Galvanization  
 表面处理: 镀锌  
 Colour: Blue and White color  
 颜色: 蓝白色

### 45Series-Horizontal docking type 45系列-横向对接型

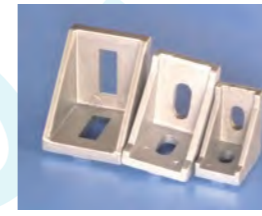


### 45Series-Vertical docking type 45系列-纵向对接型



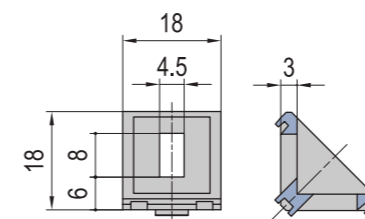
Model 型号	Name 名称	Mass 重量(g/unit)
TS-MSX-H-DJ-45	45Series-Horizontal docking type 45系列-横向对接型	100
TS-MSX-V-DJ-45	45Series-Vertical docking type 45系列-纵向对接型	100

### Die Cast Bracket 压铸铝角



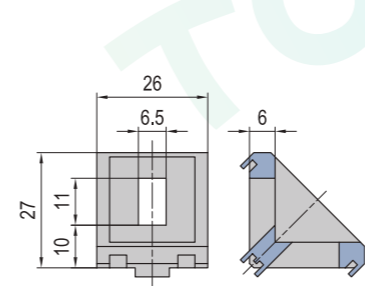
Material: Diecast aluminum  
 材质: 压铸铝合金  
 Surface Treatment: Sand blast  
 表面处理: 喷砂处理  
 Colour: Silver gray  
 颜色: 银灰色

### 2020-Die cast angle aluminum 2020-压铸铝角

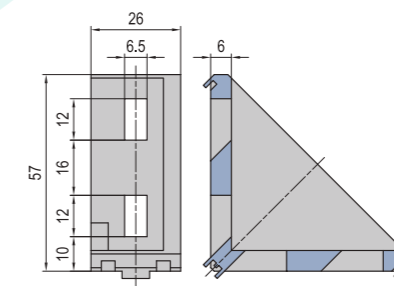


Model 型号	Name 名称	Mass 重量(g/unit)
TS-YZ-LJ-2020	2020-Die cast angle aluminum 2020-压铸铝角	5

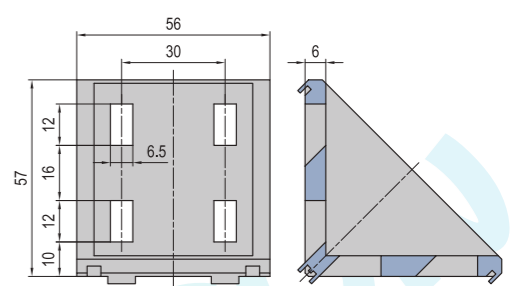
### 3030-Die cast angle aluminum 3030-压铸铝角



### 3060-Die cast angle aluminum 3060-压铸铝角



### 6060-Die cast angle aluminum 6060-压铸铝角



Model 型号	Name 名称	Mass 重量(g/unit)
TS-YZ-LJ-3030	3030-Die cast angle aluminum 3030-压铸铝角	21
TS-YZ-LJ-3060	3060-Die cast angle aluminum 3060-压铸铝角	53
TS-YZ-LJ-6060	6060-Die cast angle aluminum 6060-压铸铝角	120

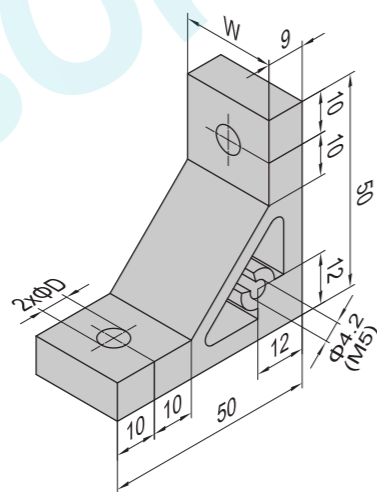


Angle Profile Bracket  
挤压铝角



Material: 6063-T5  
材 质: 6063-T5  
Surface Treatment: Anodic oxidation (Untreated cutting surface)  
表面处理: 阳极氧化 (切断面未进行氧化处理)  
Colour: Silver white luster  
颜 色: 银白光亮

50x50x9



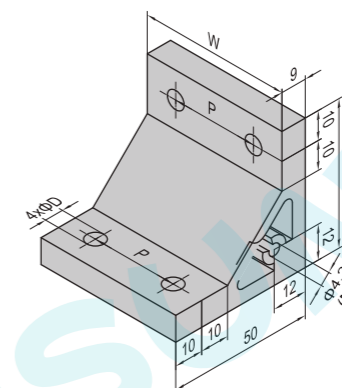
Model 型号	Name 名称	D (mm)	W (mm)	Mass 重量(g/pcs)	Application 应用
TS-JY-LJ-50-20-20	50-20-20-Angle Profile Bracket 50-20-20-挤压铝角	4.5	14	31	6.2
TS-JY-LJ-50-30-30	50-30-30-Angle Profile Bracket 50-30-30-挤压铝角	6.5	22	48	
TS-JY-LJ-50-40-40	50-40-40-Angle Profile Bracket 50-40-40-挤压铝角	8.5	30	66	10.2
TS-JY-LJ-50-40-60	50-40-60-Angle Profile Bracket 50-40-60-挤压铝角	8.5	50	110	
TS-JY-LJ-50-45-45	50-45-45-Angle Profile Bracket 50-45-45-挤压铝角	8.5	35	77	
TS-JY-LJ-50-45-60	50-45-60-Angle Profile Bracket 50-45-60-挤压铝角	8.5	50	110	
TS-JY-LJ-50-50-50	50-50-50-Angle Profile Bracket 50-50-50-挤压铝角	8.5	40	88	
TS-JY-LJ-50-60-60	50-60-60-Angle Profile Bracket 50-60-60-挤压铝角	8.5	50	110	

Angle Profile Bracket  
挤压铝角



Material: 6063-T5  
材 质: 6063-T5  
Surface Treatment: Anodic oxidation (Untreated cutting surface)  
表面处理: 阳极氧化 (切断面未进行氧化处理)  
Colour: Silver white luster  
颜 色: 银白光亮

50x50x9



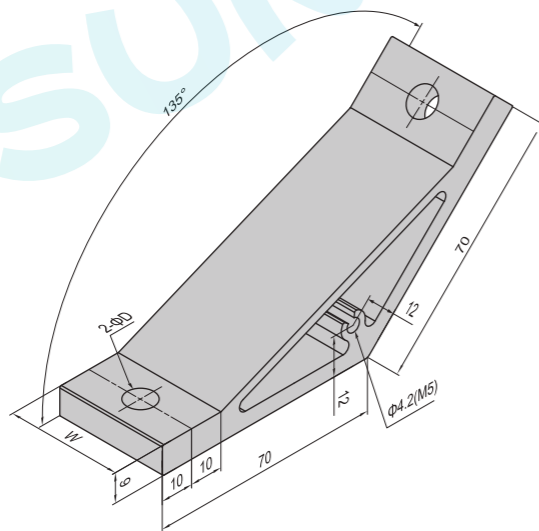
Model 型号	Name 名称	D (mm)	W (mm)	Mass 重量(g/pcs)	Application 应用
TS-JY-LJ-50-20-40	50-20-40-Angle Profile Bracket 50-20-40-挤压铝角	4.5	34	75	6.2
TS-JY-LJ-50-30-60	50-30-60-Angle Profile Bracket 50-30-60-挤压铝角	6.5	52	114	
TS-JY-LJ-50-40-80	50-40-80-Angle Profile Bracket 50-40-80-挤压铝角	8.5	70	154	10.2
TS-JY-LJ-50-45-90	50-45-90-Angle Profile Bracket 50-45-90-挤压铝角	8.5	80	176	
TS-JY-LJ-50-50-100	50-50-100-Angle Profile Bracket 50-50-100-挤压铝角	8.5	90	198	
TS-JY-LJ-50-20-60	50-20-60-Angle Profile Bracket 50-20-60-挤压铝角	4.5	54	119	
TS-JY-LJ-50-30-90	50-30-90-Angle Profile Bracket 50-30-90-挤压铝角	8.5	40	180	
TS-JY-LJ-50-40-120	50-40-120-Angle Profile Bracket 50-40-120-挤压铝角	8.5	50	242	
TS-JY-LJ-50-20-80	50-20-80-Angle Profile Bracket 50-20-80-挤压铝角	4.5	75	163	10.2
TS-JY-LJ-50-30-120	50-30-120-Angle Profile Bracket 50-30-120-挤压铝角	6.5	112	246	
TS-JY-LJ-50-40-160	50-40-160-Angle Profile Bracket 50-40-160-挤压铝角	8.5	150	330	
TS-JY-LJ-50-45-180	50-45-180-Angle Profile Bracket 50-45-180-挤压铝角	8.5	170	374	

Angle Profile Bracket  
挤压铝角



Material: 6063-T5  
材 质: 6063-T5  
Surface Treatment: Anodic oxidation (Untreated cutting surface)  
表面处理: 阳极氧化 (切断面未进行氧化处理)  
Colour: Silver white luster  
颜 色: 银白光亮

70x70x9



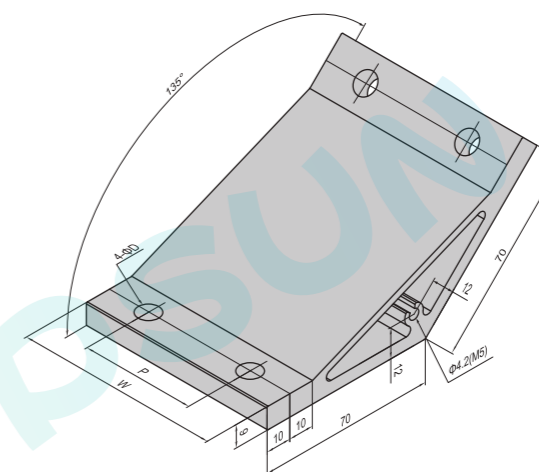
Model 型号	Name 名称	D (mm)	W (mm)	Mass 重量(g/pcs)	Application 应用
TS-JY-LJ-70-30-30	70-30-30-Angle Profile Bracket 70-30-30-挤压铝角	7	22	71	
TS-JY-LJ-70-40-40	70-40-40-Angle Profile Bracket 70-40-40-挤压铝角	9	30	96	
TS-JY-LJ-70-40-60	70-40-60-Angle Profile Bracket 70-40-60-挤压铝角	9	50	166	
TS-JY-LJ-70-45-45	70-45-45-Angle Profile Bracket 70-45-45-挤压铝角	9	35	113	
TS-JY-LJ-70-45-60	70-45-60-Angle Profile Bracket 70-45-60-挤压铝角	9	50	166	
TS-JY-LJ-70-50-50	70-50-50-Angle Profile Bracket 70-50-50-挤压铝角	9	40	131	
TS-JY-LJ-70-60-60	70-60-60-Angle Profile Bracket 70-60-60-挤压铝角	9	50	166	

Angle Profile Bracket  
挤压铝角



Material: 6063-T5  
材 质: 6063-T5  
Surface Treatment: Anodic oxidation (Untreated cutting surface)  
表面处理: 阳极氧化 (切断面未进行氧化处理)  
Colour: Silver white luster  
颜 色: 银白光亮

70x70x9



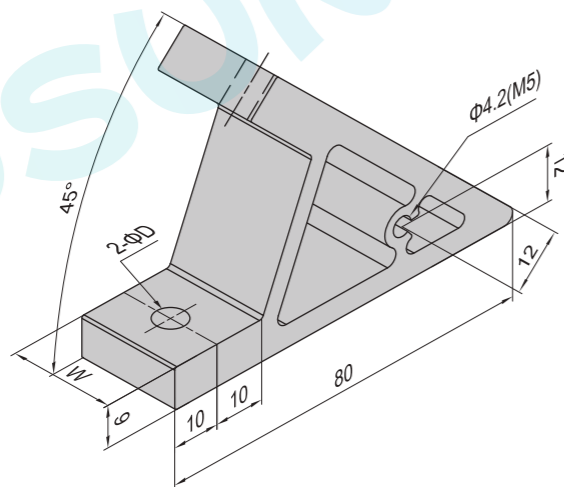
Model 型号	Name 名称	D (mm)	W (mm)	Mass 重量(g/pcs)	Application 应用
TS-JY-LJ-70-30-60	70-30-60-Angle Profile Bracket 70-30-60-挤压铝角	7	52	171	
TS-JY-LJ-70-40-80	70-40-80-Angle Profile Bracket 70-40-80-挤压铝角	9	70	227	
TS-JY-LJ-70-45-90	70-45-90-Angle Profile Bracket 70-45-90-挤压铝角	9	80	262	
TS-JY-LJ-70-50-100	70-50-100-Angle Profile Bracket 70-50-100-挤压铝角	9	90	297	
TS-JY-LJ-70-30-90	70-30-90-Angle Profile Bracket 70-30-90-挤压铝角	7	82	270	
TS-JY-LJ-70-40-120	70-40-120-Angle Profile Bracket 70-40-120-挤压铝角	9	110	357	
TS-JY-LJ-70-30-120	70-30-120-Angle Profile Bracket 70-30-120-挤压铝角	7	112	369	
TS-JY-LJ-70-40-160	70-40-160-Angle Profile Bracket 70-40-160-挤压铝角	9	150	488	
TS-JY-LJ-70-45-180	70-45-180-Angle Profile Bracket 70-45-180-挤压铝角	9	170	558	

Angle Profile Bracket  
挤压铝角



Material: 6063-T5  
材质: 6063-T5  
Surface Treatment: Anodic oxidation (Untreated cutting surface)  
表面处理: 阳极氧化 (切断面未进行氧化处理)  
Colour: Silver white luster  
颜色: 银白光亮

80x80x9



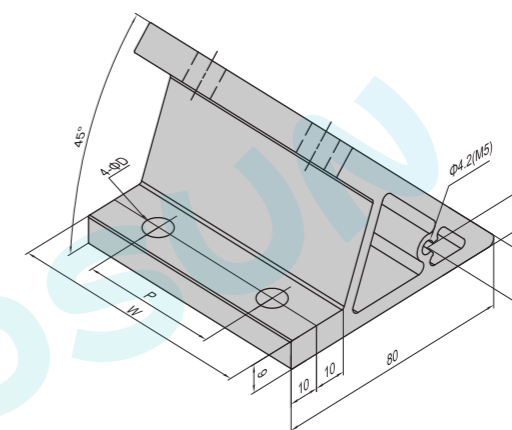
Model 型号	Name 名称	D (mm)	W (mm)	Mass 重量(g/pcs)	Application 应用
TS-JY-LJ-80-30-30	80-30-30-Angle Profile Bracket 80-30-30-挤压铝角	7	22	68	
TS-JY-LJ-80-40-40	80-40-40-Angle Profile Bracket 80-40-40-挤压铝角	9	30	89	
TS-JY-LJ-80-40-60	80-40-60-Angle Profile Bracket 80-40-60-挤压铝角	9	50	151	
TS-JY-LJ-80-45-45	80-45-45-Angle Profile Bracket 80-45-45-挤压铝角	9	35	105	
TS-JY-LJ-80-45-60	80-45-60-Angle Profile Bracket 80-45-60-挤压铝角	9	50	151	
TS-JY-LJ-80-50-50	80-50-50-Angle Profile Bracket 80-50-50-挤压铝角	9	50	120	
TS-JY-LJ-80-60-60	80-60-60-Angle Profile Bracket 80-60-60-挤压铝角	9	50	151	

Angle Profile Bracket  
挤压铝角



Material: 6063-T5  
材质: 6063-T5  
Surface Treatment: Anodic oxidation (Untreated cutting surface)  
表面处理: 阳极氧化 (切断面未进行氧化处理)  
Colour: Silver white luster  
颜色: 银白光亮

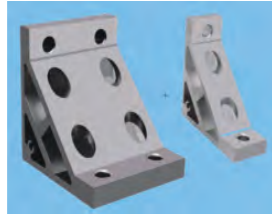
80x80x9



Model 型号	Name 名称	D (mm)	W (mm)	Mass 重量(g/pcs)	Application 应用
TS-JY-LJ-80-30-60	80-30-60-Angle Profile Bracket 80-30-60-挤压铝角	7	52	156	
TS-JY-LJ-80-40-80	80-40-80-Angle Profile Bracket 80-40-80-挤压铝角	9	70	209	
TS-JY-LJ-80-45-90	80-45-90-Angle Profile Bracket 80-45-90-挤压铝角	9	80	240	
TS-JY-LJ-80-50-100	80-50-100-Angle Profile Bracket 80-50-100-挤压铝角	9	90	271	
TS-JY-LJ-80-30-90	80-30-90-Angle Profile Bracket 80-30-90-挤压铝角	7	82	247	
TS-JY-LJ-80-40-120	80-40-120-Angle Profile Bracket 80-40-120-挤压铝角	9	110	329	
TS-JY-LJ-80-30-120	80-30-120-Angle Profile Bracket 80-30-120-挤压铝角	7	112	337	
TS-JY-LJ-80-40-160	80-40-160-Angle Profile Bracket 80-40-160-挤压铝角	9	150	449	
TS-JY-LJ-80-45-180	80-45-180-Angle Profile Bracket 80-45-180-挤压铝角	9	170	510	

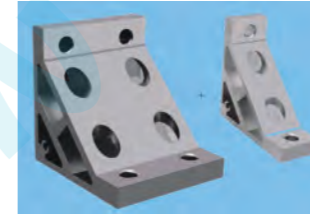


Angle Profile Bracket  
挤压铝角



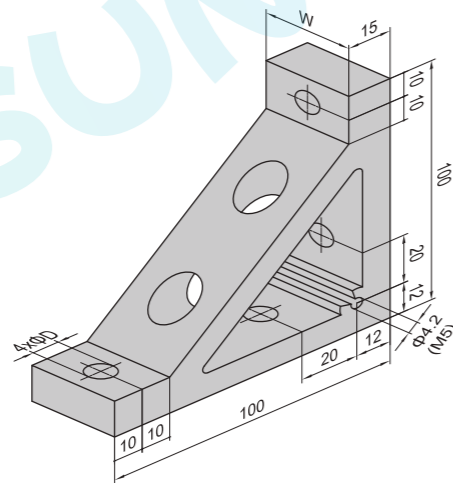
Material: 6063-T5  
材 质: 6063-T5  
Surface Treatment: Anodic oxidation (Untreated cutting surface)  
表面处理: 阳极氧化 (切断面未进行氧化处理)  
Colour: Silver white luster  
颜 色: 银白光亮

Angle Profile Bracket  
挤压铝角

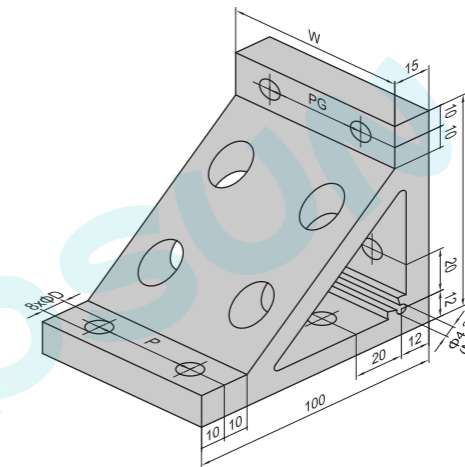


Material: 6063-T5  
材 质: 6063-T5  
Surface Treatment: Anodic oxidation (Untreated cutting surface)  
表面处理: 阳极氧化 (切断面未进行氧化处理)  
Colour: Silver white luster  
颜 色: 银白光亮

100x100x15



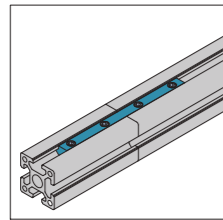
100x100x15



Model 型号	Name 名称	D (mm)	W (mm)	Mass 重量(g/pcs)	Application 应用
TS-JY-LJ-100-40-40	100-40-40Angle Profile Bracket 100-40-40-挤压铝角	9	30	220	
TS-JY-LJ-100-40-60	100-40-60Angle Profile Bracket 100-40-60-挤压铝角	9	50	386	
TS-JY-LJ-100-45-45	100-45-45Angle Profile Bracket 100-45-45-挤压铝角	9	35	261	
TS-JY-LJ-100-45-60	100-45-60Angle Profile Bracket 100-45-60-挤压铝角	9	50	386	
TS-JY-LJ-100-50-50	100-50-50Angle Profile Bracket 100-50-50-挤压铝角	9	50	303	
TS-JY-LJ-100-60-60	100-60-60Angle Profile Bracket 100-60-60-挤压铝角	9	50	386	

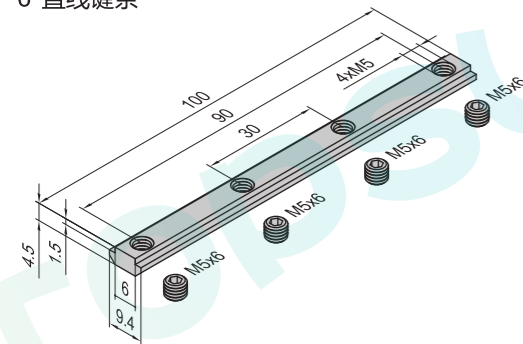
Model 型号	Name 名称	D (mm)	W (mm)	P (mm)	Mass 重量(g/pcs)	Application 应用
TS-JY-LJ-100-40-80	100-40-80Angle Profile Bracket 100-40-80-挤压铝角	9	70	40	522	
TS-JY-LJ-100-45-90	100-45-90Angle Profile Bracket 100-45-90-挤压铝角	9	80	45	605	
TS-JY-LJ-100-50-100	100-50-100Angle Profile Bracket 100-50-100-挤压铝角	9	90	50	688	
TS-JY-LJ-100-40-120	100-40-120Angle Profile Bracket 100-40-120-挤压铝角	9	110	40	824	
TS-JY-LJ-100-40-160	100-40-160Angle Profile Bracket 100-40-160-挤压铝角	9	150	40	1127	
TS-JY-LJ-100-45-180	100-45-180Angle Profile Bracket 100-45-180-挤压铝角	9	170	45	1293	

Key bar connector  
键条连接件

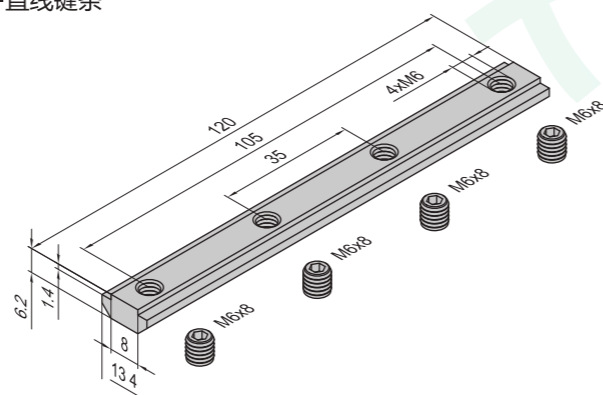


Material: Carbon Steel  
材质: 碳钢  
Surface Treatment: Galvanization  
表面处理: 镀锌  
Colour: Blue and White color  
颜色: 蓝白色

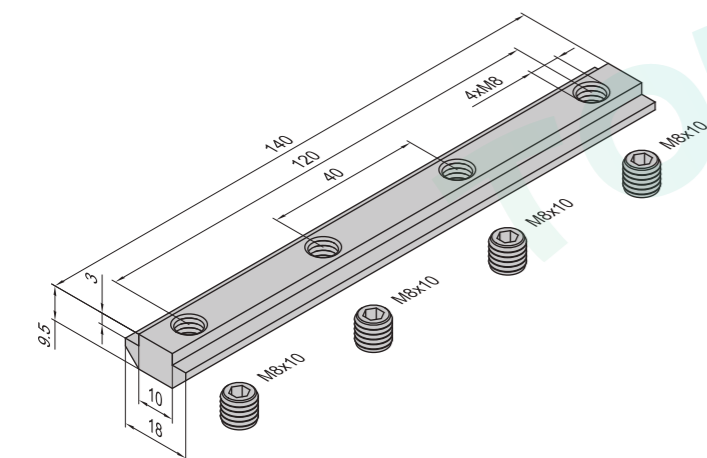
6-Linear key bar  
6-直线键条



8-Linear key bar  
8-直线键条

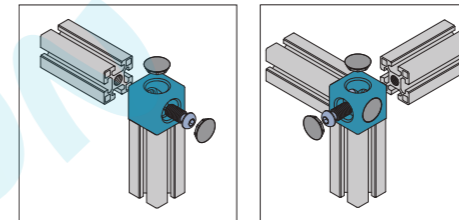


10-Linear key bar  
10-直线键条



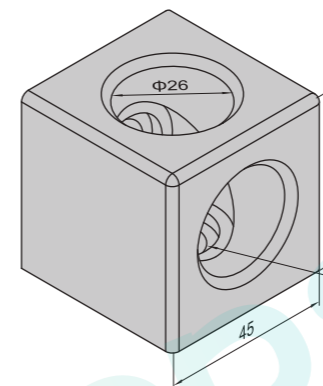
Model 型号	Name 名称	Mass 重量(g/pcs)
TS-6-ZXJT	6-Linear key bar 6-直线键条	27
TS-8-ZXJT	8-Linear key bar 8-直线键条	65
TS-10-ZXJT	10-Linear key bar 10-直线键条	132

Corner connector  
转角连接件

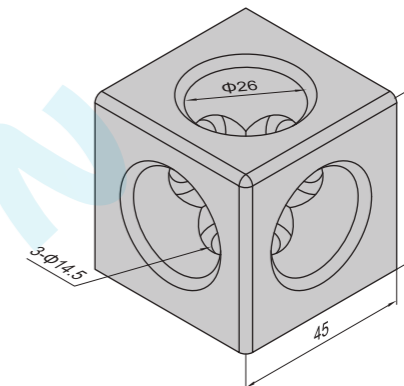


Material: Diecast aluminum  
材质: 压铸铝合金  
Surface Treatment: Sand blast  
表面处理: 喷砂处理  
Colour: Silver gray  
颜色: 银灰色

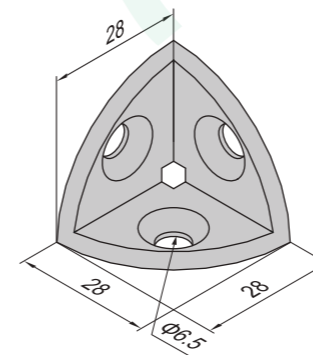
4545-A-Three sided connector  
4545-A-三面连接件



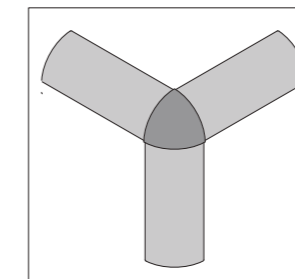
4545-B-Three sided connector  
4545-B-三面连接件



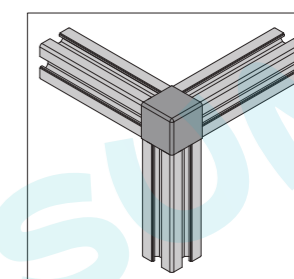
3030-Three sided connector  
3030-三面连接件



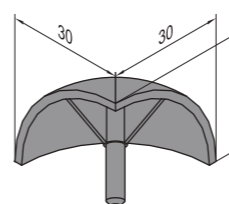
3030-B-Three sided connector  
3030-A-三面连接件



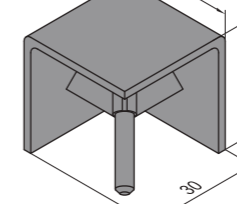
3030-B-Three sided connector  
3030-B-三面连接件



3030-A



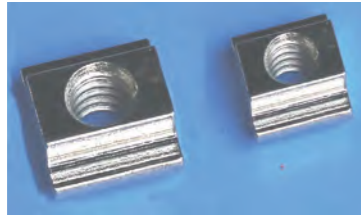
3030-B



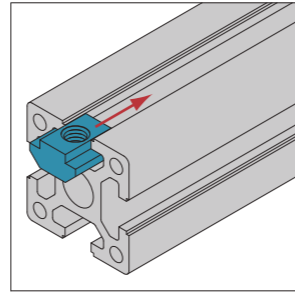
Cap 端盖  
Material and Color: balak ABS  
材质和颜色: ABS 黑色

Model 型号	Name 名称	Mas 重量(g/unit)
TS-4545-A-SMJ	4545-A-Three sided connector 4545-A-三面连接件	130
TS-4545-B-SMJ	4545-B-Three sided connector 4545-B-三面连接件	136
TS-3030-A-SMJ	3030-B-Three sided connector 3030-A-三面连接件	35
TS-3030-B-SMJ	3030-B-Three sided connector 3030-B-三面连接件	38

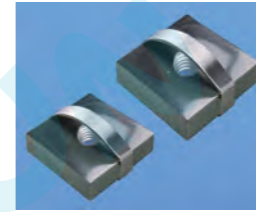
Sliding nut  
滑块螺母



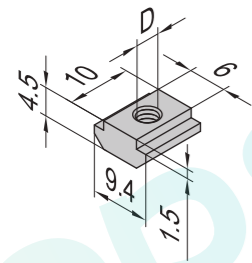
Material: Carbon Steel  
材 质: 碳钢  
Surface Treatment: Nickeling  
表面处理: 镀镍 (显黄色)  
Colour: Silvery white(Show yellow)  
颜 色: 银白显黄色



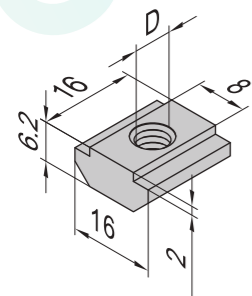
Square Nut  
方螺母



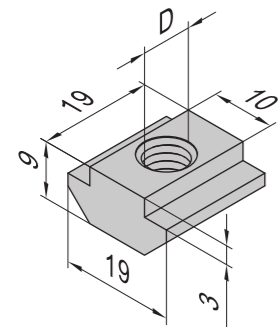
Material: Carbon Steel  
材 质: 碳钢  
Surface Treatment :Galvanization  
表面处理: 镀锌  
Colour: Blue and White color  
颜 色: 蓝白色



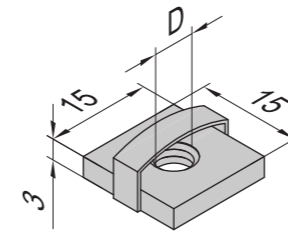
Model 型号	Name 名称	D	Mass 重量(g/pcs)	Application 应用
TS-SN-6-M4	Sliding Nut-6-M4 滑块螺母-6-M4	M4	3	
TS-SN-6-M5	Sliding Nut-6-M5 滑块螺母-6-M5	M5	3	



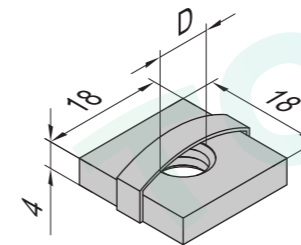
Model 型号	Name 名称	D	Mass 重量(g/pcs)	Application 应用
TS-SN-8-M4	Sliding Nut-8-M4 滑块螺母-8-M4	M4	8.2	
TS-SN-8-M5	Sliding Nut-8-M5 滑块螺母-8-M5	M5	8.0	
TS-SN-8-M6	Sliding Nut-8-M6 滑块螺母-8-M6	M6	7.8	



Model 型号	Name 名称	D	Mass 重量(g/pcs)	Application 应用
TS-SN-10-M4	Sliding Nut-10-M4 滑块螺母-10-M4	M4	19.0	
TS-SN-10-M5	Sliding Nut-10-M5 滑块螺母-10-M5	M5	18.5	
TS-SN-10-M6	Sliding Nut-10-M6 滑块螺母-10-M6	M6	18.0	
TS-SN-10-M8	Sliding Nut-10-M8 滑块螺母-10-M8	M8	17.6	



Model 型号	Name 名称	D	Mass 重量(g/pcs)	Application 应用
TS-FM-8-M4	Square Nut-8-M4 方螺母-8-M4	M4	5	
TS-FM-8-M5	Square Nut-8-M5 方螺母-8-M5	M5	5	
TS-FM-8-M6	Square Nut-8-M6 方螺母-8-M6	M6	5	

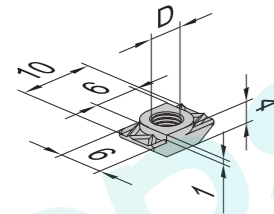



Model 型号	Name 名称	D	Mass 重量(g/pcs)	Application 应用
TS-FM-10-M4	Square Nut-10-M4 方螺母-10-M4	M4	9	
TS-FM-10-M5	Square Nut-10-M5 方螺母-10-M5	M5	9	
TS-FM-10-M6	Square Nut-10-M6 方螺母-10-M6	M6	9	
TS-FM-10-M8	Square Nut-10-M8 方螺母-10-M8	M8	9	

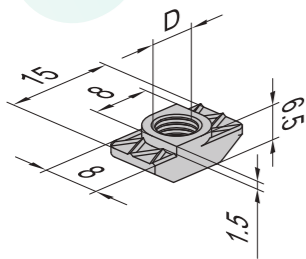
T Nut  
T形螺母



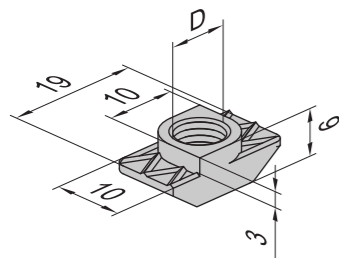
Material: Carbon Steel  
材 质: 碳钢  
Surface Treatment :Nickeling  
表面处理: 镀镍 (显黄色)  
Colour: Silvery white(Show yellow)  
颜 色: 银白显黄色

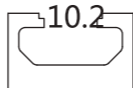


Model 型号	Name 名称	D	Mass 重量(g/pcs)	Application 应用
TS-TM-6-M4	T Nut-6-M4 T形螺母-6-M4	M4	2	
TS-TM-6-M5	T Nut-6-M5 T形螺母-6-M5	M5	2	

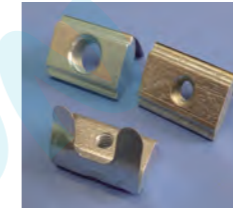


Model 型号	Name 名称	D	Mass 重量(g/pcs)	Application 应用
TS-TM-8-M4	T Nut-8-M4 T形螺母-8-M4	M4	4	
TS-TM-8-M5	T Nut-8-M5 T形螺母-8-M5	M5	4	
TS-TM-8-M6	T Nut-8-M5 T形螺母-8-M5	M6	3	

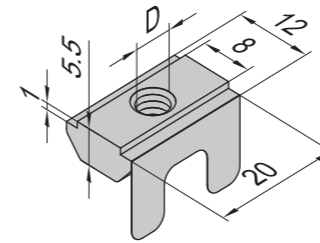


Model 型号	Name 名称	D	Mass 重量(g/pcs)	Application 应用
TS-TM-10-M4	T Nut-8-M4 T形螺母-8-M4	M4	8	
TS-TM-10-M5	T Nut-10-M5 T形螺母-10-M6	M5	8	
TS-TM-10-M6	T Nut-10-M6 T形螺母-10-M6	M6	7	
TS-TM-10-M8	Sliding Nut-10-M8 滑块螺母-10-M8	M8	8	

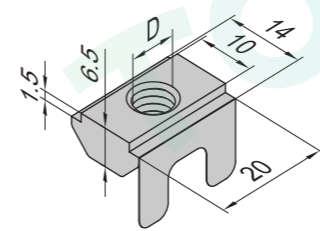
Subsequent Nut  
后置弹片螺母




Material: Carbon Steel  
材 质: 碳钢  
Surface Treatment :Galvanization  
表面处理: 镀锌  
Colour: Blue and White color  
颜 色: 蓝白色



Model 型号	Name 名称	D	Mass 重量(g/pcs)	Application 应用
TS-TM-8-M4	Subsequent Nut-8-M4 后置弹片螺母-8-M4	M4	5	
TS-TM-8-M5	Subsequent Nut-8-M5 后置弹片螺母-8-M5	M5	5	
TS-TM-8-M6	Subsequent Nut-8-M5 后置弹片螺母-8-M5	M6	5	

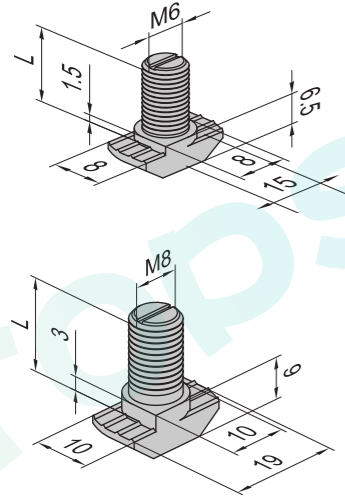


Model 型号	Name 名称	D	Mass 重量(g/pcs)	Application 应用
TS-TM-10-M4	Subsequent Nut-10-M4 后置弹片螺母-10-M4	M4	8	
TS-TM-10-M5	Subsequent Nut-10-M5 后置弹片螺母-10-M5	M5	8	
TS-TM-10-M6	Subsequent Nut-10-M6 后置弹片螺母-10-M6	M6	8	
TS-TM-10-M8	Subsequent Nut-10-M8 后置弹片螺母-10-M8	M8	8	

**T Bolt**  
T形螺栓



Material: Carbon Steel  
材质: 碳钢  
Surface Treatment: Nickeling  
表面处理: 镀镍(显黄色)  
Colour: Silvery white>Show yellow)  
颜色: 银白显黄色



Model 型号	Name 名称	D	Mass 重量(g/pcs)	Application 应用
TS-TS-8-16	T Bolt-8-16 T形螺栓-8-16	16	7	
TS-TS-8-20	T Bolt-8-20 T形螺栓-8-20	20	8	
TS-TS-8-25	T Bolt-8-25 T形螺栓-8-25	25	9	

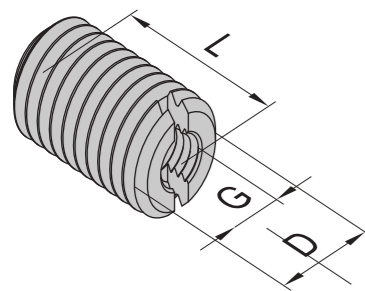
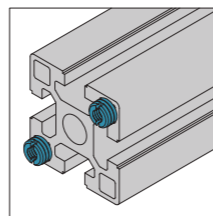
Model 型号	Name 名称	D	Mass 重量(g/pcs)	Application 应用
TS-TS-10-20	T Bolt-10-20 T形螺栓-10-20	20	13	
TS-TS-10-25	T Bolt-10-25 T形螺栓-10-25	25	15	
TS-TS-10-30	T Bolt-10-30 T形螺栓-10-30	30	17	

**Hole Reducer Bolt**  
变径螺栓



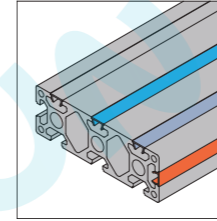
Material: Carbon Steel  
材质: 碳钢  
Surface Treatment: Nickeling or Galvanization  
表面处理: 镀镍(显黄色) 或镀锌  
Colour: Silvery white>Show yellow)  
颜色: 银白显黄色或蓝白色

Application examples  
应用示例

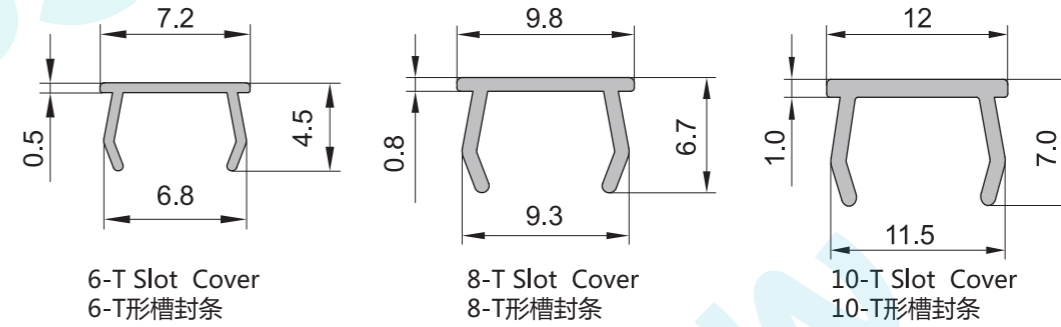


Model 型号	Name 名称	D	D	D	Mass 重量(g/pcs)
TS-BS-M10/M6	Hole Reducer Bolt-M10/M6 变径螺栓-M10/M6	M10	M6	15	8
TS-BS-M12/M6	Hole Reducer Bolt-M12/M6 变径螺栓-M12/M6	M12	M6	20	11
TS-BS-M14/M8	Hole Reducer Bolt-M14/M8 变径螺栓-M14/M8	M14	M8	20	14
TS-BS-M16/M8	Hole Reducer Bolt-M16/M8 变径螺栓-M16/M8	M16	M8	20	19

**T Slot Cover**  
T形槽封条

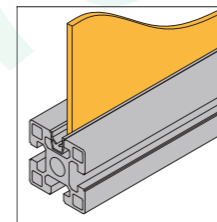


Material: PP  
材质: PP  
Colour: Black/Blue/Safety Orange/Gray  
颜色: 黑色/蓝色/橘色/灰色  
Length: 2000mm/bar  
长度: 2000mm/支

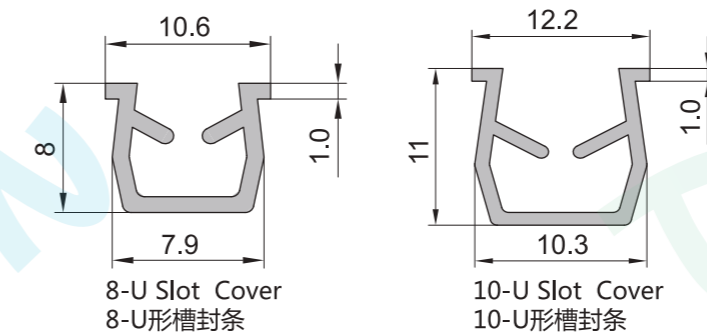


Model 型号	Name 名称	Mass 重量(g/m)
TS-FT-T-6	6-T Slot Cover 6-T形槽封条	11
TS-FT-T-8	8-T Slot Cover 8-T形槽封条	22
TS-FT-T-10	10-T Slot Cover 10-T形槽封条	38

**U Slot Cover**  
U形槽封条

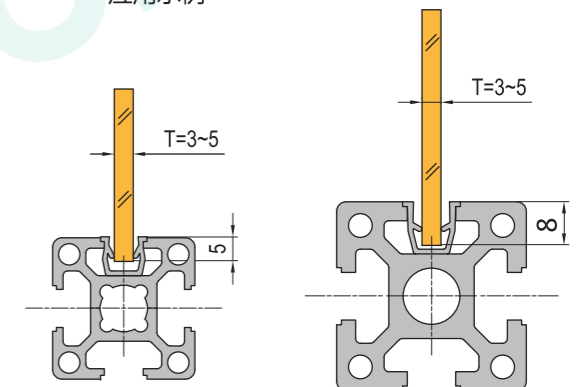


Material: PVC  
材质: PVC  
Colour: Black  
颜色: 黑色  
Length: 2000mm/bar  
长度: 2000mm/支



Model 型号	Name 名称	Mass 重量(g/m)
TS-FT-U-8	8-USlot Cover 8-U形槽封条	51
TS-FT-U-10	10-U Slot Cover 10-U形槽封条	64

Application examples  
应用示例

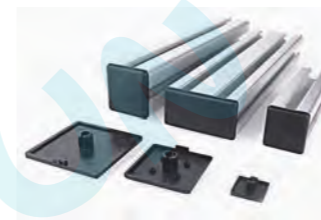


End Cap  
端盖



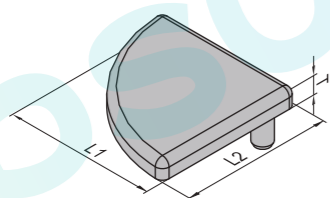
Material: ABS  
材质: ABS  
Colour: Black  
颜色: 黑色

End Cap  
端盖

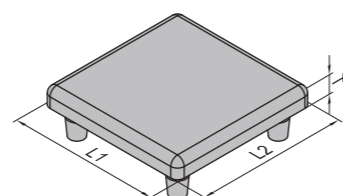


Material: ABS  
材质: ABS  
Colour: Black  
颜色: 黑色

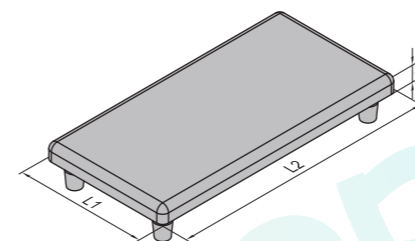
Type A  
A 型



Type B  
B 型



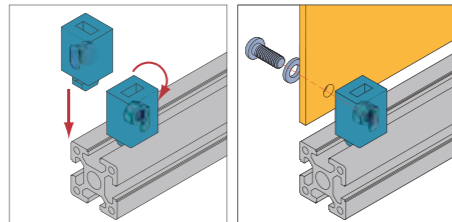
Type C  
C 型



Model 型号	Name 名称	L1 (mm)	L2 (mm)	T (mm)	Mass 重量(g)	Type 类型
TS-DG-3030R	3030R-End Cap 3030R-端盖	30	30	5	3	Type A A 型
TS-DG-4040R	4040R-End Cap 4040R-端盖	40	40	5	6	
TS-DG-4545R	4545R-End Cap 4545R-端盖	45	45	5	7	
TS-DG-2020	2020-End Cap 2020-端盖	20	20	4	2	Type A B 型
TS-DG-3030	3030-End Cap 3030-端盖	30	30	5	3	
TS-DG-4040	4040-End Cap 4040-端盖	40	40	5	6	
TS-DG-4545	4545-End Cap 4545-端盖	45	45	5	8	
TS-DG-5050	5050-End Cap 5050-端盖	50	50	5	10	
TS-DG-6060	6060-End Cap 6060-端盖	60	60	5	15	
TS-DG-8080	8080-End Cap 8080-端盖	80	80	5	22	
TS-DG-9090	9090-End Cap 9090-端盖	90	90	5	28	
TS-DG-100100	100100-End Cap 100100-端盖	100	100	5	44	
TS-DG-120120	120120-End Cap 120120-端盖	120	120	5	64	

Model 型号	Name 名称	L1 (mm)	L2 (mm)	T (mm)	Mass 重量(g)	Type 类型
TS-DG-2040	2040-End Cap 2040-端盖	20	40	4	3	Type C C 型
TS-DG-2060	2060-End Cap 2060-端盖	20	60	4	4	
TS-DG-2080	2080-End Cap 2080-端盖	20	80	4	5	
TS-DG-3060	3060-End Cap 3060-端盖	30	60	5	8	
TS-DG-3090	3090-End Cap 3090-端盖	30	90	5	11	
TS-DG-30120	30120-End Cap 30120-端盖	30	120	5	14	
TS-DG-60120	60120-End Cap 60120-端盖	60	120	5	33	
TS-DG-4060	4060-End Cap 4060-端盖	40	60	5	9	
TS-DG-4080	4080-End Cap 4080-端盖	40	80	5	13	
TS-DG-40120	40120-End Cap 40120-端盖	40	120	5	18	
TS-DG-40160	40160-End Cap 40160-端盖	40	160	5	24	Type D D 型
TS-DG-80120	80120-End Cap 80120-端盖	80	120	5	43	
TS-DG-80160	80160-End Cap 80160-端盖	80	160	5	58	
TS-DG-4560	4560-End Cap 4560-端盖	45	60	5	11	
TS-DG-4590	4590-End Cap 4590-端盖	45	90	5	16	
TS-DG-50100	50100-End Cap 50100-端盖	50	110	5	18	
TS-DG-6060-L	6060-L-End Cap 6060-L-端盖	30	60	5	11	
TS-DG-8080-L	8080-L-End Cap 8080-L-端盖	40	80	5	17	
TS-DG-9090-L	9090-L-End Cap 9090-L-端盖	45	90	5	22	

Spacer plate fixing block  
间隔板固定块



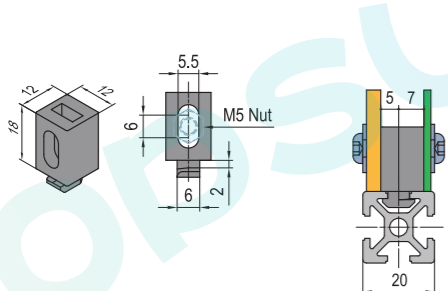
Material: PA  
材质: 尼龙  
Colour: Black  
颜色: 黑色

Foot cup  
脚杯

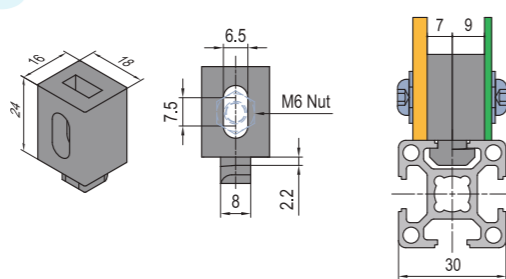


Bolt Material : Carbon Steel  
螺栓材质: 碳钢  
Chassis material: Nylon or carbon steel  
底盘材质: 尼龙或碳钢  
Surface Treatment : Galvanization  
螺栓表面处理: 镀锌  
Bolt Colour : Blue and White color  
螺栓颜色: 蓝白色  
Chassis Colour : Blue and White color or Black  
底盘颜色: 黑色或蓝白色

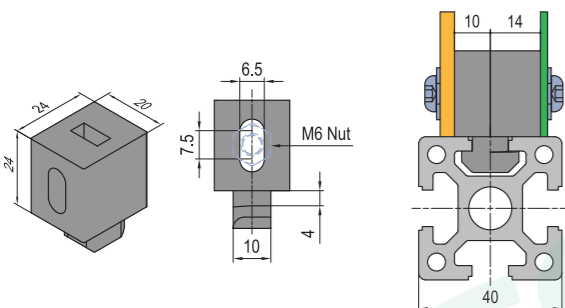
6-Plate fixing block  
6-板固定块



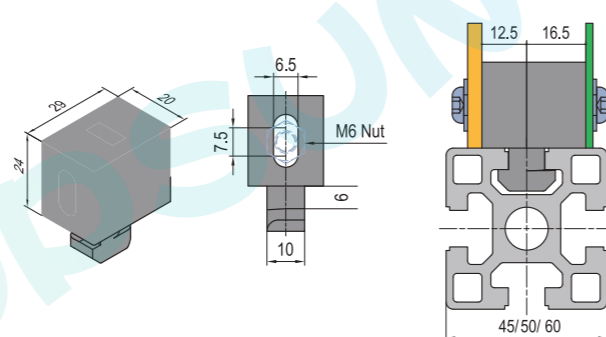
8-Plate fixing block  
8-板固定块



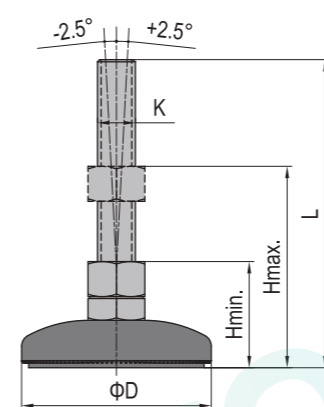
10-4-Plate fixing block  
10-4-板固定块



10-6-Plate fixing block  
10-6-板固定块

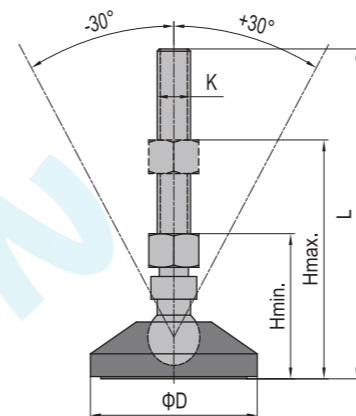


Nylon fixed foot cup  
固定脚杯



Model 型号	Name 名称	D (mm)	KXL (mm)	H min. (mm)	H max. (mm)	Max Static Load 最大静载荷(KN)	Mass 重量(g)
JBG-D60-M12X100	D60-M12X100-Fixed foot cup D60-M12X100-固定脚杯	60	M12x100	45	80	10	160
JBG-D80-M12X100	D80-M12X100-Fixed foot cup D60-M12X100-固定脚杯	80	M12x100	45	80	10	200
JBG-D80-M12X150	D80-M12X150-Fixed foot cup D60-M12X150-固定脚杯	80	M12x150	45	120	10	240
JBG-D80-M16X150	D80-M16X150-Fixed foot cup D80-M16X150-固定脚杯	80	M16x150	45	120	10	350
JBG-D100-M12X150	D100-M12X150-Fixed foot cup D100-M12X150-固定脚杯	100	M12x150	45	120	10	340
JBG-D100-M16X150	D100-M16X150-Fixed foot cup D100-M16X150-固定脚杯	100	M16x150	45	120	10	450

Wanxiang foot cup  
万向脚杯



Model 型号	Name 名称	D (mm)	KXL (mm)	H min. (mm)	H max. (mm)	Max Static Load 最大静载荷(KN)	Mass 重量(g)
JBW-D60-M12X100	D60-M12X100-Wanxiang foot cup D60-M12X100-万向脚杯	60	M12x100	45	80	10	170
JBW-D80-M12X100	D80-M12X100-Wanxiang foot cup D60-M12X100-万向脚杯	80	M12x100	45	80	10	210
JBW-D80-M12X150	D80-M12X150-Wanxiang foot cup D60-M12X150-万向脚杯	80	M12x150	45	120	10	250
JBW-D80-M16X150	D80-M16X150-Wanxiang foot cup D80-M16X150-万向脚杯	80	M16x150	45	120	10	360
JBW-D100-M12X150	D100-M12X150-Wanxiang foot cup D100-M12X150-万向脚杯	100	M12x150	45	120	10	350
JBW-D100-M16X150	D100-M16X150-Wanxiang foot cup D100-M16X150-万向脚杯	100	M16x150	45	120	10	460

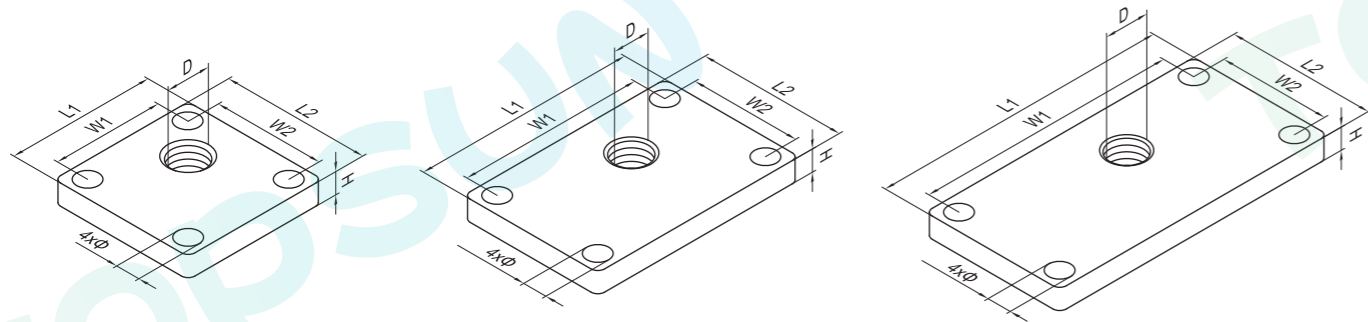
Model 型号	Name 名称	Mass 重量(g)
TS-BK-6	6-Plate fixing block 6-板固定块	5
TS-BK-8	8-Plate fixing block 8-板固定块	9
TS-BK-10-4	10-4-Plate fixing block 10-4-板固定块	16
TS-BK-10-6	10-6-Plate fixing block 10-6-板固定块	20



### Foot fixing plate 支脚固定板



Material : Carbon Steel  
 材 质: 碳钢  
 Surface Treatment : Spray  
 表面处理: 喷涂  
 Colour: Blue color  
 颜 色: 蓝色



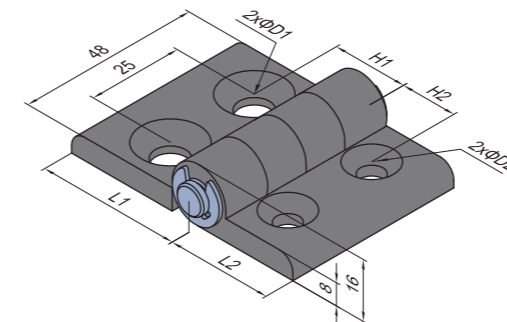
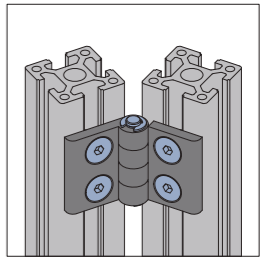
Model 型号	Name 名称	D (mm)	Φ (mm)	L1 (mm)	L2 (mm)	W1 (mm)	W2 (mm)	H (mm)	Mass 重量(g)
ZJB-4040	4040-Bracket fixing plate 4040-支脚固定板	M12	6.5	40	40	30	30	12	120
ZJB-4545	4545-Bracket fixing plate 4545-支脚固定板	M12	6.5	45	45	33	33	12	200
ZJB-5050	5050-Bracket fixing plate 5050-支脚固定板	M12	8.5	50	50	35	35	12	220
ZJB-4060	4060-Bracket fixing plate 4060-支脚固定板	M12	6.5	60	40	50	30	12	180
ZJB-4560	4560-Bracket fixing plate 4560-支脚固定板	M12	6.5	60	45	48	33	12	236
ZJB-3060	3060-Bracket fixing plate 3060-支脚固定板	M12	6.5	60	30	30		10	142
ZJB-4080	4080-Bracket fixing plate 4080-支脚固定板	M16	6.5	80	40	40	30	12	270
ZJB-4590	4590-Bracket fixing plate 4590-支脚固定板	M16	6.5	90	45	45	33	12	330
ZJB-50100	50100-Bracket fixing plate 50100-支脚固定板	M16	6.5	100	50	50	35	12	340
ZJB-6060	6060-Bracket fixing plate 6060-支脚固定板	M16	8.5	60	60	30	30	10	230
ZJB-8080	8080-Bracket fixing plate 8080-支脚固定板	M16	8.5	80	80	40	40	12	540
ZJB-9090	9090-Bracket fixing plate 9090-支脚固定板	M20	8.5	90	90	45	45	12	660
ZJB-100100	100100-Bracket fixing plate 100100-支脚固定板	M20	8.5	100	100	50	50	12	715

### Hinge 合页



Material : PA6  
 材 质: 增强尼龙  
 Colour: Black  
 颜 色: 黑色

Application examples  
应用示例



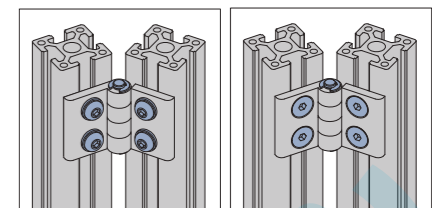
Model 型号	Name 名称	H1 (mm)	H2 (mm)	L1 (mm)	L2 (mm)	D1 (mm)	D2 (mm)
TS-NL-HY-3030	Nylon hinges-3030 尼龙合页-3030	15	15	28	28	6.5	6.5
TS-NL-HY-3040	Nylon hinges-3040 尼龙合页-3040	20	15	38	28	8.5	6.5
TS-NL-HY-4040	Nylon hinges-4040 尼龙合页-4040	20	20	38	38	8.5	6.5

### Hinge 合页



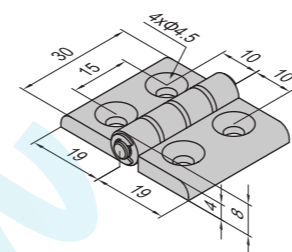
Material: Diecast aluminum  
 材 质: 压铸铝合金  
 Surface Treatment : Bright oxidation  
 表面处理: 光亮氧化  
 Colour: Silver gray  
 颜 色: 银灰色

Application examples  
应用示例

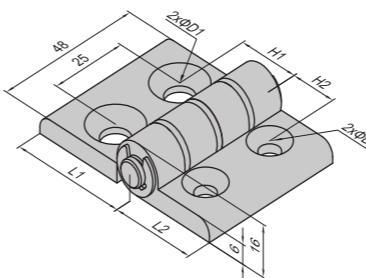


Aluminium Alloy Hinges-Countersunk Head-2020  
铝合金合页-沉头-2020

LY-HY-CT-2020



Aluminium Hinges-Countersunk Head  
铝合金-沉头



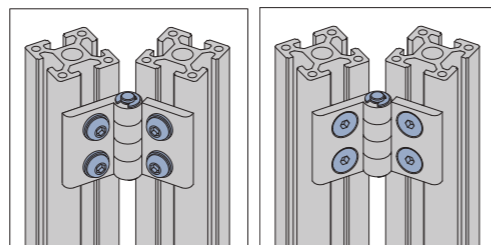
Model 型号	Name 名称	H1 (mm)	H2 (mm)	L1 (mm)	L2 (mm)	D1 (mm)	D2 (mm)
LY-HY-CK-3030	Aluminum hinges-Countersunk Head-3030 铝合金-沉头-合页-3030	15	15	28	28	6.5	6.5
LY-HY-CK-3040	Aluminum hinges-Countersunk Head-3040 铝合金-沉头-合页-3040	20	15	38	28	8.5	6.5
LY-HY-CK-3045	Aluminum hinges-Countersunk Head-3045 铝合金-沉头-合页-3045	22.5	15	38	38	8.5	6.5
LY-HY-CK-4040	Aluminum hinges-Countersunk Head-4040 铝合金-沉头-合页-4040	20	20	38	38	8.5	8.5
LY-HY-CK-4045	Aluminum hinges-Countersunk Head-4045 铝合金-沉头-合页-4045	22.5	20	38	38	8.5	8.5
LY-HY-CK-4545	Aluminum hinges-Countersunk Head-4545 铝合金-沉头-合页-4545	22.5	22.5	38	38	8.5	8.5

Hinge  
合页

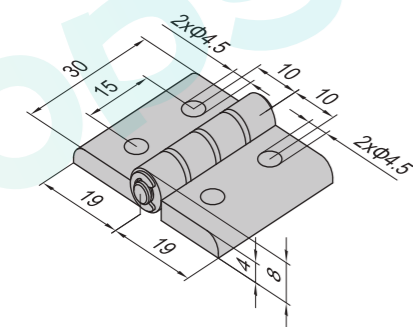


Material: Diecast aluminum  
材质: 压铸铝合金  
Surface Treatment: Bright oxidation  
表面处理: 光亮氧化  
Colour: Silver gray  
颜色: 银灰色

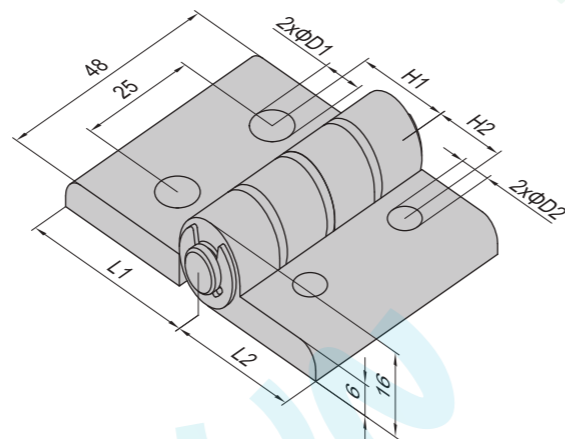
Application examples  
应用示例



Aluminum hinges with circular holes-2020  
铝合金-圆孔-合页-2020



Aluminum hinges with circular holes  
铝合金-圆孔-合页

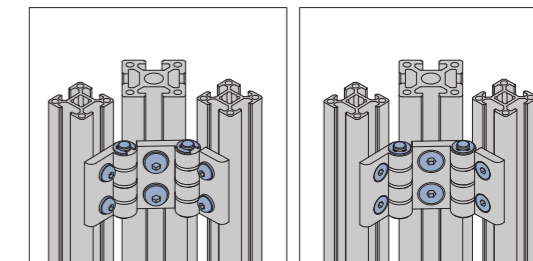


Model 型号	Name 名称	H1 (mm)	H2 (mm)	L1 (mm)	L2 (mm)	D1 (mm)	D2 (mm)
LY-HY-YK-3030	Aluminum hinges-Circular holes-3030 铝合金-圆孔-合页-3030	15	15	28	28	6.5	6.5
LY-HY-YK-3040	Aluminum hinges-Circular holes-3040 铝合金-圆孔-合页-3040	20	15	38	28	8.5	6.5
LY-HY-YK-3045	Aluminum hinges-Circular holes-3045 铝合金-圆孔-合页-3045	22.5	15	38	38	8.5	6.5
LY-HY-YK-4040	Aluminum hinges-Circular holes-4040 铝合金-圆孔-合页-4040	20	20	38	38	8.5	8.5
LY-HY-YK-4045	Aluminum hinges-Circular holes-4045 铝合金-圆孔-合页-4045	22.5	20	38	38	8.5	8.5
LY-HY-YK-4545	Aluminum hinges-Circular holes-4545 铝合金-圆孔-合页-4545	22.5	22.5	38	38	8.5	8.5

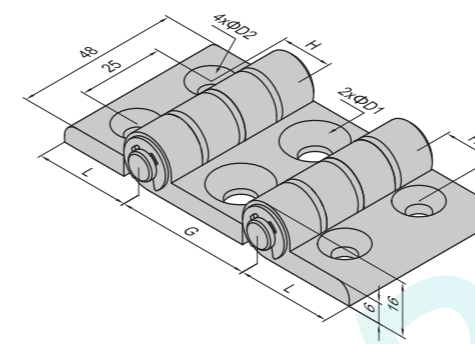
Hinge  
合页

Material: Diecast aluminum  
材质: 压铸铝合金  
Surface Treatment: Bright oxidation  
表面处理: 光亮氧化  
Colour: Silver gray  
颜色: 银灰色

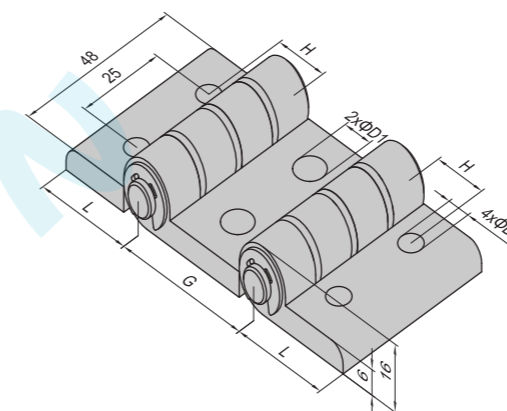
Application examples  
应用示例



Aluminum hinges-Countersunk Head  
铝合金-沉头-合页



Aluminum hinges-Circular holes  
铝合金-圆孔-合页



Model 型号	Name 名称	G (mm)	H (mm)	L (mm)	D1 (mm)	D2 (mm)
LY-HY-CK-3030-A	Aluminum hinges-Countersunk Head-3030-A 铝合金-沉头-合页-3030-A	30	15	28	6.5	6.5
LY-HY-CK-3040-A	Aluminum hinges-Countersunk Head-3040-A 铝合金-沉头-合页-3040-A	40	15	28	8.5	6.5
LY-HY-CK-3045-A	Aluminum hinges-Countersunk Head-3045-A 铝合金-沉头-合页-3045-A	45	15	28	8.5	6.5
LY-HY-CK-4040-A	Aluminum hinges-Countersunk Head-4040-A 铝合金-沉头-合页-4040-A	40	20	38	8.5	8.5
LY-HY-CK-4045-A	Aluminum hinges-Countersunk Head-4045-A 铝合金-沉头-合页-4045-A	45	20	38	8.5	8.5
LY-HY-CK-4545-A	Aluminum hinges-Countersunk Head-4545-A 铝合金-沉头-合页-4545-A	45	22.5	38	8.5	8.5

Model 型号	Name 名称	G (mm)	H (mm)	L (mm)	D1 (mm)	D2 (mm)
LY-HY-YK-3030-A	Aluminum hinges-Circular holes-3030-A 铝合金-圆孔-合页-3030-A	30	15	28	6.5	6.5
LY-HY-YK-3040-A	Aluminum hinges-Circular holes-3040-A 铝合金-圆孔-合页-3040-A	40	15	28	8.5	6.5
LY-HY-YK-3045-A	Aluminum hinges-Circular holes-3045-A 铝合金-圆孔-合页-3045-A	45	15	28	8.5	6.5
LY-HY-YK-4040-A	Aluminum hinges-Circular holes-4040-A 铝合金-圆孔-合页-4040-A	40	20	38	8.5	8.5
LY-HY-YK-4045-A	Aluminum hinges-Circular holes-4045-A 铝合金-圆孔-合页-4045-A	45	20	38	8.5	8.5
LY-HY-YK-4545-A	Aluminum hinges-Circular holes-4545-A 铝合金-圆孔-合页-4545-A	45	22.5	38	8.5	8.5

Angle adjustment plate  
角度调节板



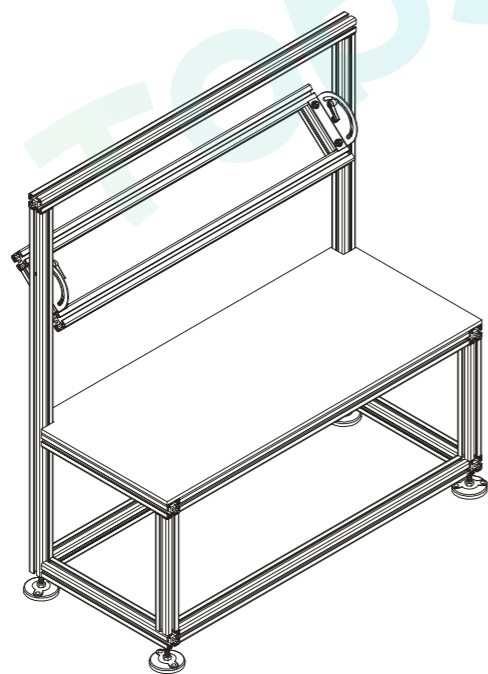
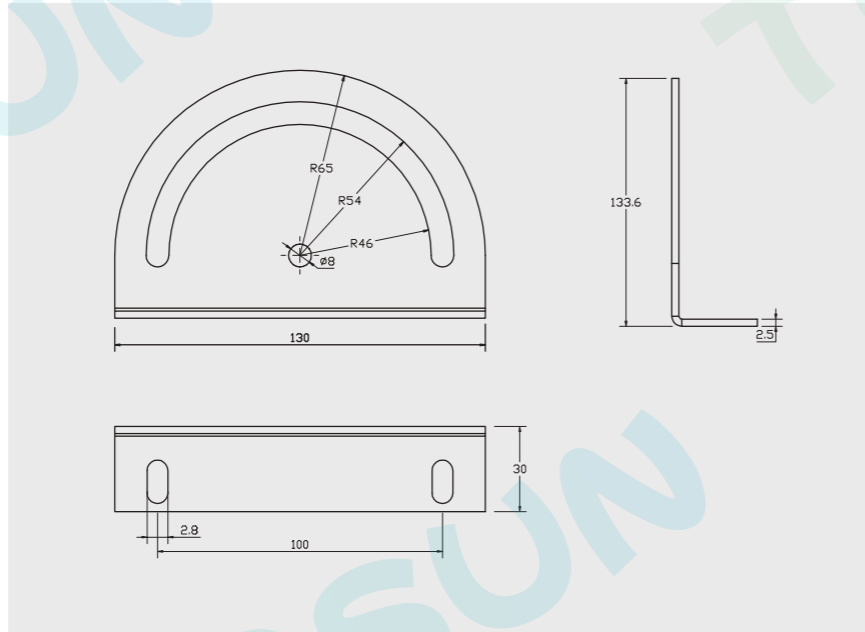
角度调节板  
Angle adjustment plate

材料 Material: 镀锌钢 (表面镀锌)

用途: 应用于型材与板材, 具有可调性的连接, 它也用于工作站框架的角度和高度调节。

USE: Plate connectors are used in applications as an adjustable supporting base for profiles and plates. They are also used for workstation shelves where angle and height adjustments are necessary.

订货号 Order Number:  
TS-SFP



Outer corner connecting plate  
外角连接板



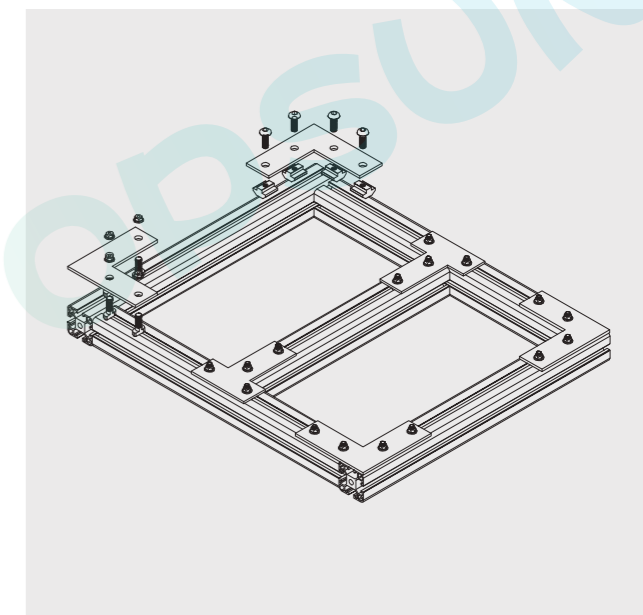
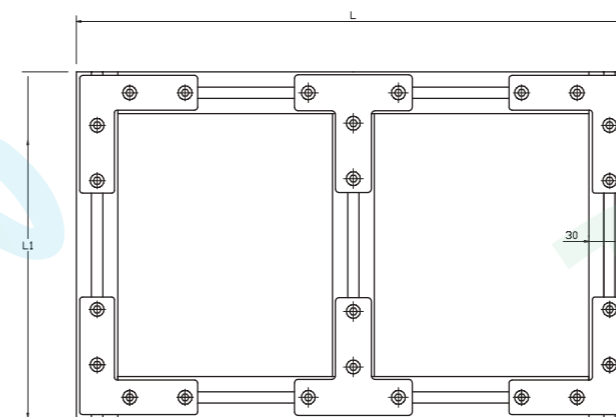
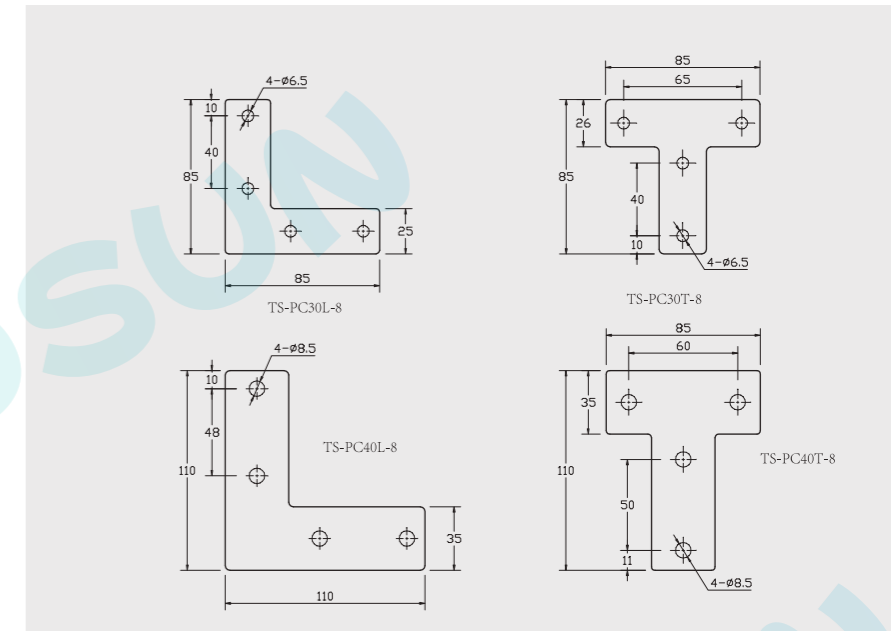
外角连接板  
Outer corner connecting plate

材料 Material: 碳钢 (镀锌)

用途: 安装在型材外侧, 可起到加固连接的作用, 安装位置可根据不同需要调整。

USE: Mounted on the lateral profile, can play a role in strengthening the connection, the installation position can be adjusted according to actual need.

订货号 Order Number:  
TS-PC30L-8  
TS-PC30T-8  
TS-PC40L-8  
TS-PC40T-8





### Slide Hook 活动挂钩



#### 活动挂钩 Slide Hook

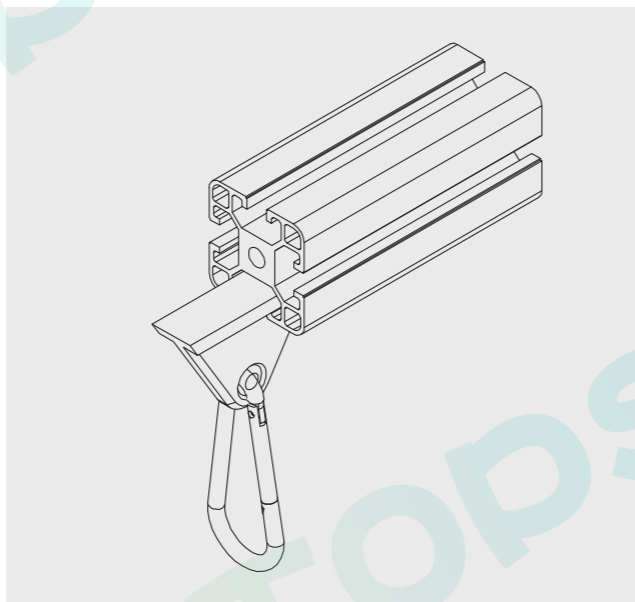
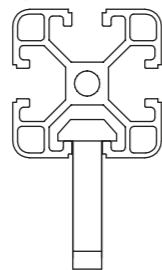
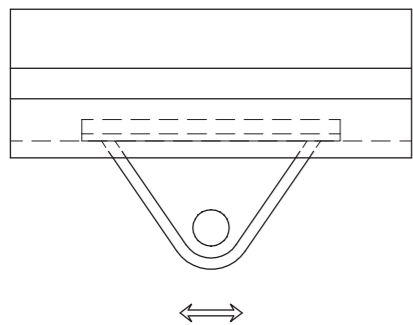
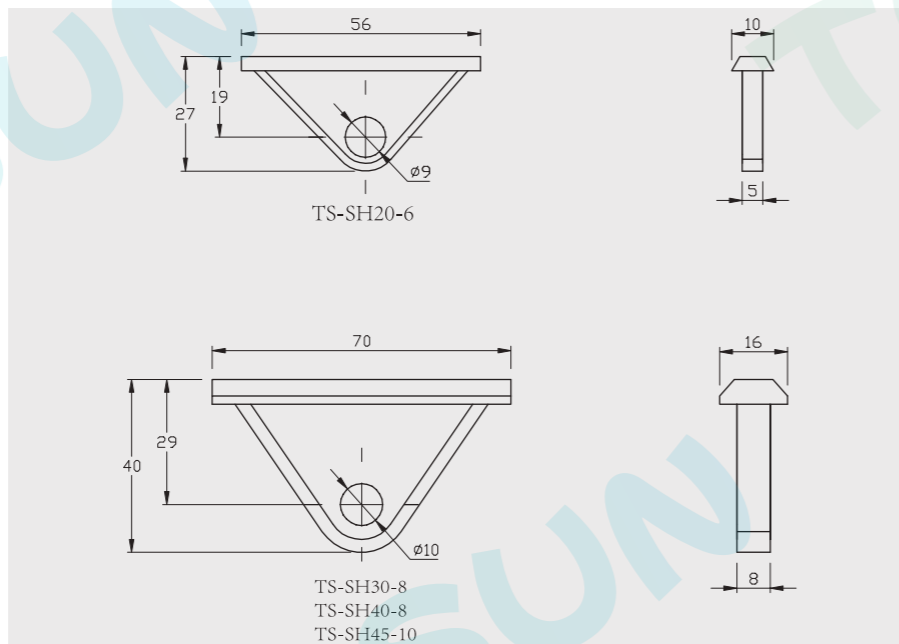
材料 Material: 塑料或铝合金 (黑色 镀镍)

用途: 可将活动挂钩放入型材槽内往复滑动, 吊挂各种工具等物体。

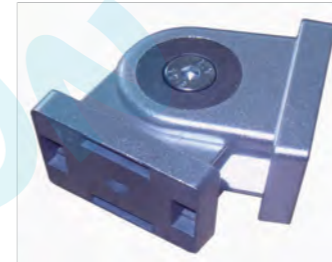
USE: Being inserted in the profile groove it can slide back and forth and hang various tools.

#### 订货号 Order Number:

- TS-SH20-6
- TS-SH30-8
- TS-SH40-8
- TS-SH45-10



### Profile Joint 活动铰链



#### 活动铰链 Profile Joint

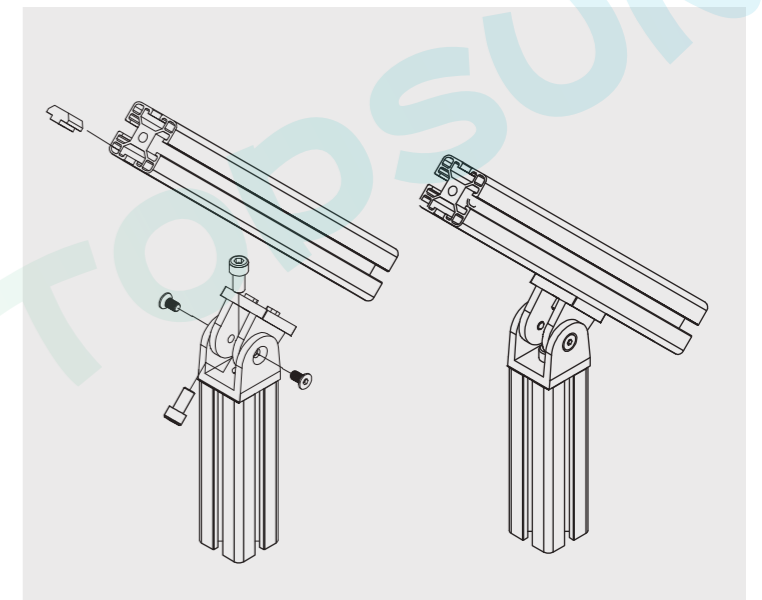
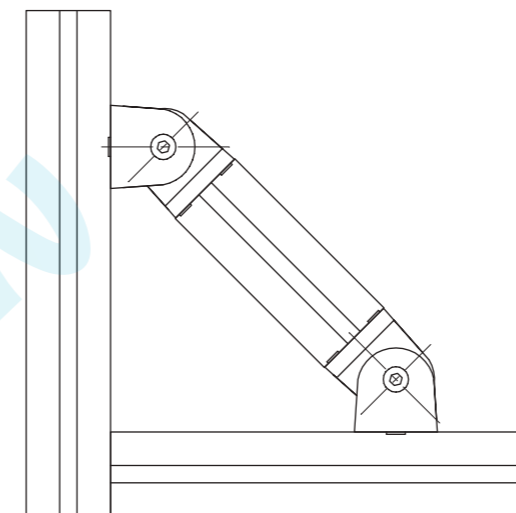
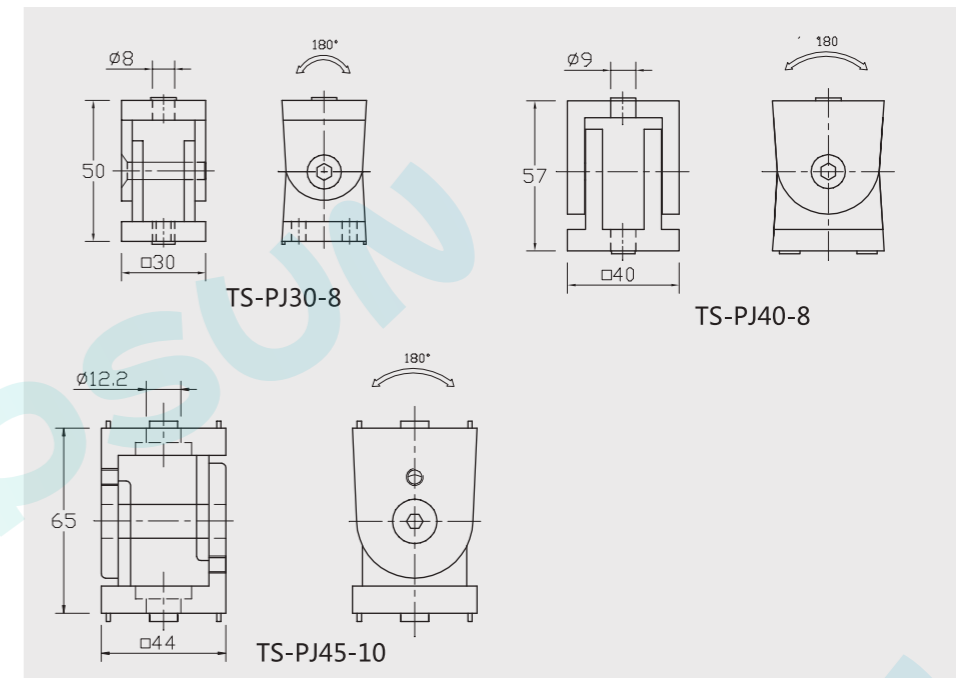
材料 Material: 铸铝

用途: 活动铰链用于型材与型材或者型材与连接件的连接, 旋转角度为180度。

USE: Profile joint is a profile or profile to elements connection which can provide a 180 degree rotation.

#### 订货号 Order Number:

- TS-PJ30-8
- TS-PJ40-8
- TS-PJ45-10





### Quick handle 快速把手



### Handle 把手



### 角度调节板 Swivel Fastening Plate

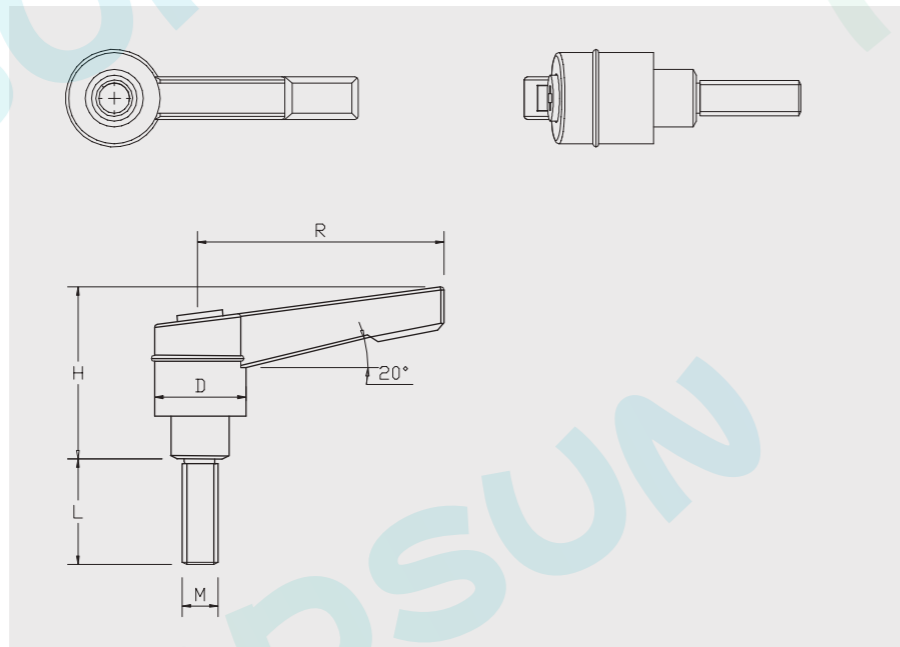
材料 Material: 黑色胶木

用途: 应用于型材与板材, 具有可调性的连接, 它也用于工作站框架的角度和高度调节。

USE: Plate connectors are used in applications as an adjustable supporting base for profiles and plates. They are also used for workstation shelves where angle and height adjustments are necessary.

### 订货号 Order Number:

- TS-SFP20-M5
- TS-SFP-M6
- TS-SFP-M8
- TS-SFP-M10
- TS-SFP-M12
- TS-SFP-M16



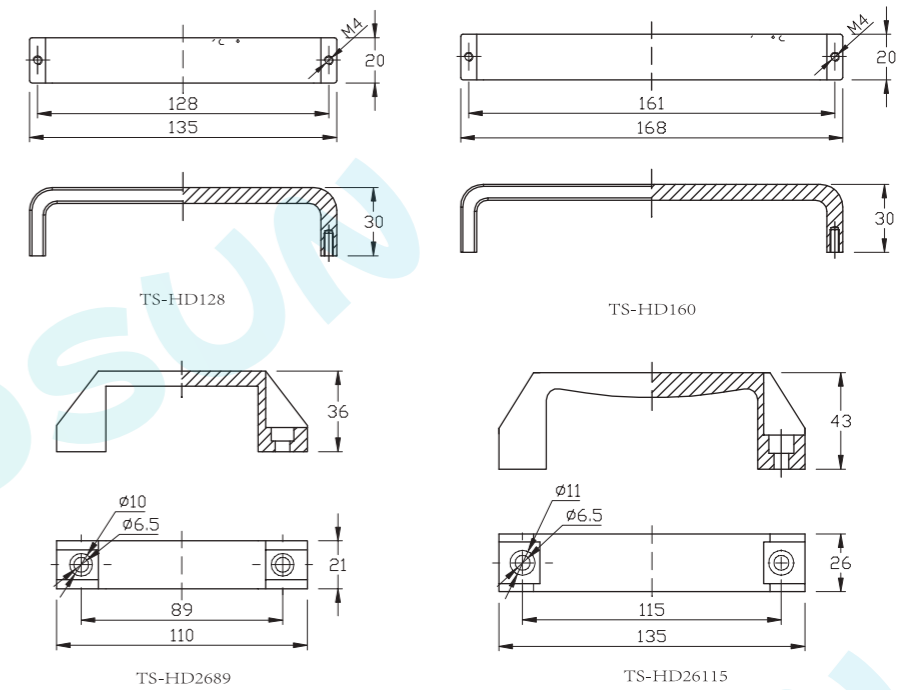
材料 Material: 塑料或铝合金 (黑色, 银白)

用途: 将把手安装在型材上, 可方便开启和提携, 螺栓和连接螺母块需另配。

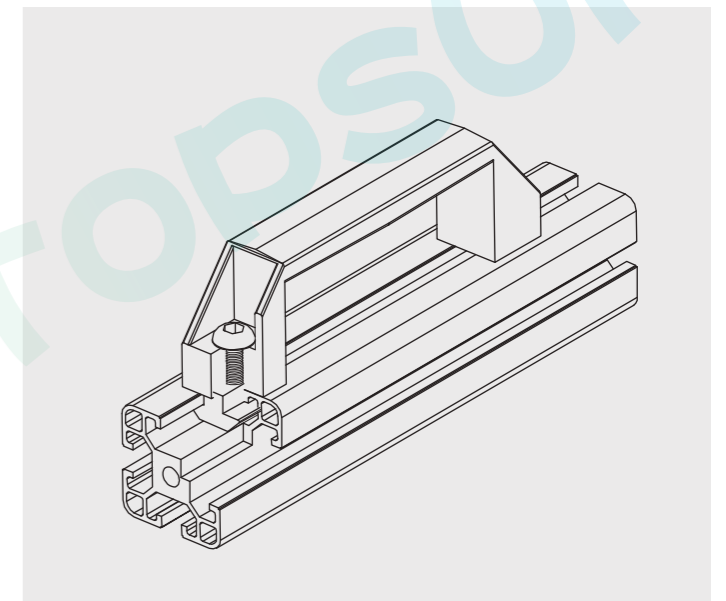
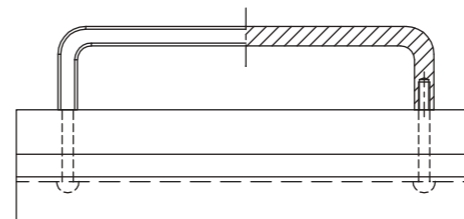
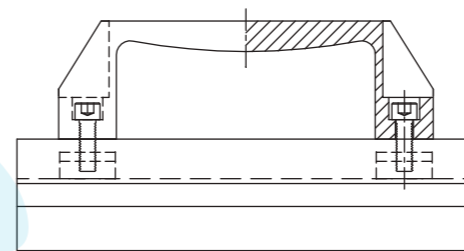
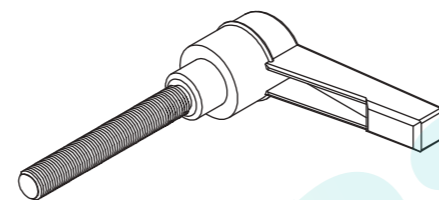
USE: Being installed in the profile for opening or lifting conveniently. The bolts and T-nuts will be prepared accordingly.

### 订货号 Order Number:

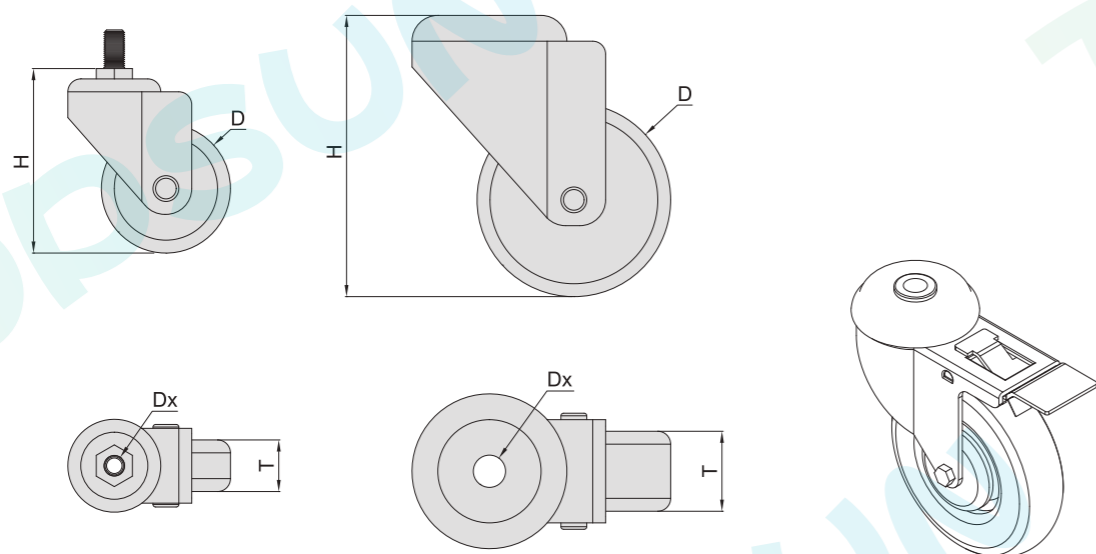
- TS-HD20-128
- TS-HD20-160
- TS-HD26-89
- TS-HD26-115



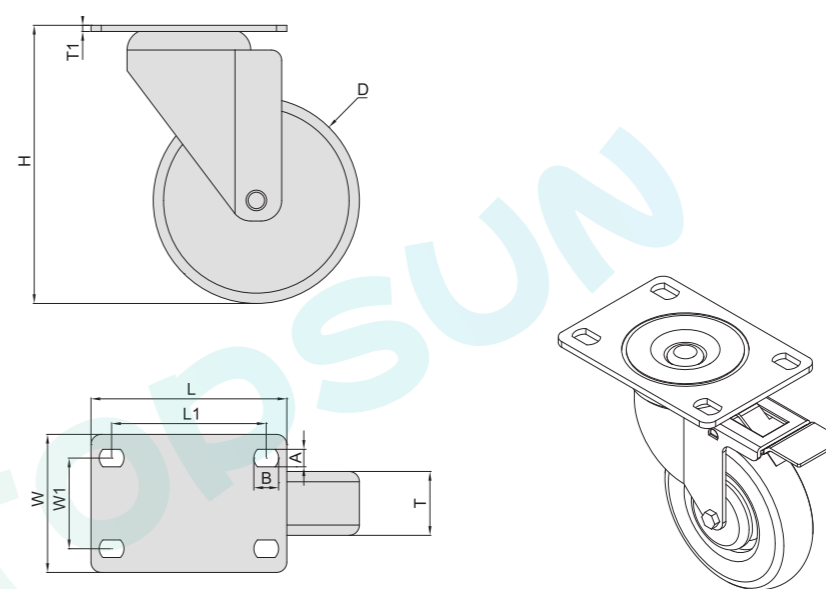
Model 型号	R	H	L	D	M
TS-SFP20-M5	50	34	16、20、25、32、40	15	M5
TS-SFP-M6	50	34	16、20、25、32、40	15	M6
TS-SFP-M8	60	45	20、25、32、40、50	18	M8
TS-SFP-M10	80	58	20、25、32、40、50、60	22	M10
TS-SFP-M12	95	66	25、32、40、50、63	25	M12
TS-SFP-M16	114	78	40、50、63	32	M16



Caster wheels  
脚轮



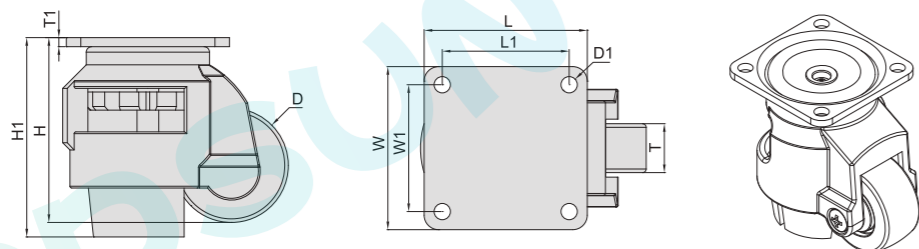
Caster wheels  
脚轮



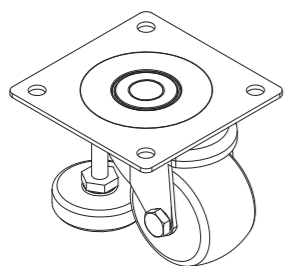
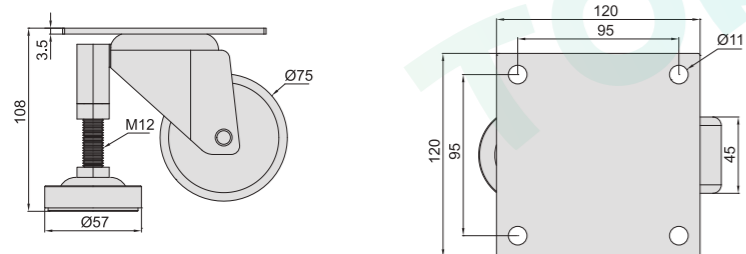
Model 型号	Name 名称	Brake 刹车	D	T	H	Dx	Weight 重量(g/pcs)	Max Weight 最大载重(Kg)
TS-W50D-8	Caster wheels 脚轮	-	50	20	71.5	M8x15	167	40
TS-W60D-8		-	63	25	86	10	299.5	60
TS-W75D-12		-	75	31	109	12.5	502.5	90
TS-W100D-12		-	100	31	133	12.5	613	100
TS-W125D-12		-	125				841.5	120
TS-W50D-8C		有	50	20	71.5	M8x15	194	40
TS-W60D-8C		有	63	25	86	10	355.5	60
TS-W75D-12C		有	75	31	109	12.5	589.5	90
TS-W100D-12C		有	100	31	133	12.5	693.5	100
TS-W125D-12C		有	125	31	158	12.5	784.5	120

Model 型号	Name 名称	Brake 刹车	D	T	H	L	L1	W	W1	T1	A	B	Weight 重量(g/pcs)	Max Weight 最大载重(Kg)
TS-PW60D	Flat universal casters 平板万向脚轮	-	63	25	89	70	55	58	40	2.5	8	8	359	70
TS-PW75D		-	75	31	111	95	75	67	44	3	8.5	12	647	100
TS-PW100D		-	100	31	135	95	75	67	44	3	8.5	12	803	110
TS-PW125D		-	125	31	160	95	75	67	44	3	8.5	12	841.5	130
TS-PW150D		-	150	31	186.5	95	75	67	44	3	8.5	12	923.5	150
TS-PW60-C		有	63	25	89	70	55	58	40	2.5	8	8	428	70
TS-PW75D-C		有	75	31	111	95	75	67	44	3	8.5	12	734	100
TS-PW100D-C		有	100	31	135	95	75	67	44	3	8.5	12	934	110
TS-PW125D-C		有	125	31	165	95	75	67	44	3	8.5	12	927	130
TS-PW150D-C		有	150	31	186.5	95	75	67	44	3	8.5	12	1020	150
TS-PW60D-D	Flat directional casters 平板定向脚轮	-	63	25	89	70	55	58	40	2.5	8	8	360.5	70
TS-PW75D-D		-	75	31	111	95	75	67	44	3	8.5	12	387.5	100
TS-PW100D-D		-	100	31	135	95	75	67	44	3	8.5	12	485	110
TS-PW125D-D		-	125	31	165	95	75	67	44	3	8.5	12	659.5	130

Caster wheels  
脚轮

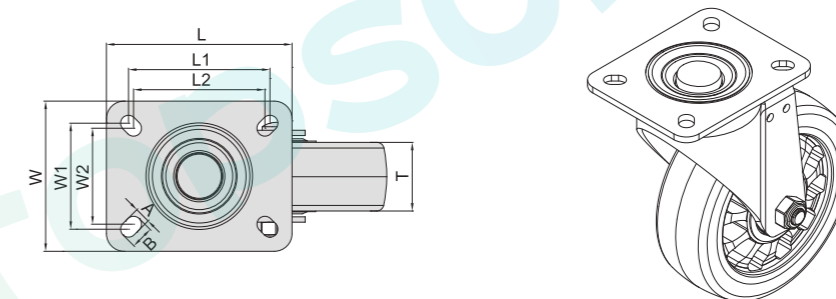
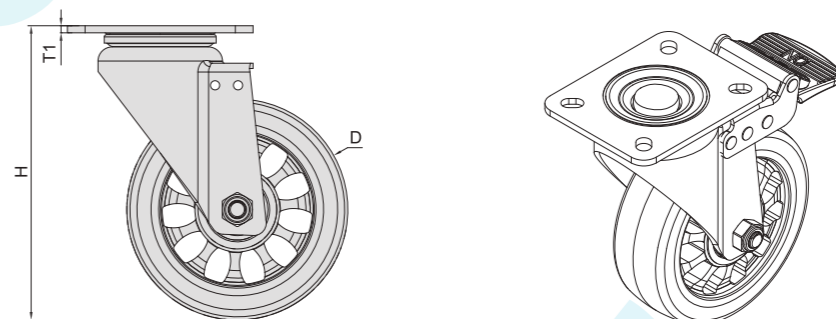


Model 型号	Name 名称	D	T	H	D1	H1	L	L1	W	W1	T1	Weight 重量(g/pcs)	Maximum payload 最大载重(Kg)
TS-FW40D	福马轮	40	19	69	6.5	61~81	63	49	63	49	3	367.5	50
TS-FW60D		50	25	82	7	72~92	73	58	73	58	4	656	250
TS-FW80D		63	27	102	9	90~118	90	70	90	70	5	1192	500
TS-FW100D		75	30	122	11	110~138	95	70	95	70	6	1491	750
TS-FW120D		75	30	122	11	110~138	95	70	95	70	7	1687	1000
TS-FW150D		96	54	132	13	120~147	100	70	100	70	10	3270	1500



Model 型号	Name 名称	Weight 重量(g/pcs)	Maximum payload 最大载重(Kg)
TS-CW75D	Composite casters 复合脚轮	1297	160

Caster wheels  
脚轮



Model 型号	Name 名称	D	Brake 刹车	T	H	L	L1	L2	W	W1	W2	T1	A	B	Weight 重量(g/pcs)	Maximum payload 最大载重(Kg)
TS-PW67115-675-86	Heavy duty casters 重载脚轮	125	-	39	166.5	105	80	74	85	60	54	4	9	13	420	250
TS-PW67116-676-86		150	-	38	191	105	80	74	85	60	54	4	9	13	560	250
TS-PW67125H-675-86		125	有	39	166.5	105	80	74	85	60	54	4	9	13	680	250
TS-PW67125H-676-86		150	有	38	191	105	80	74	85	60	54	4	9	13	790	250

Summary (概述)

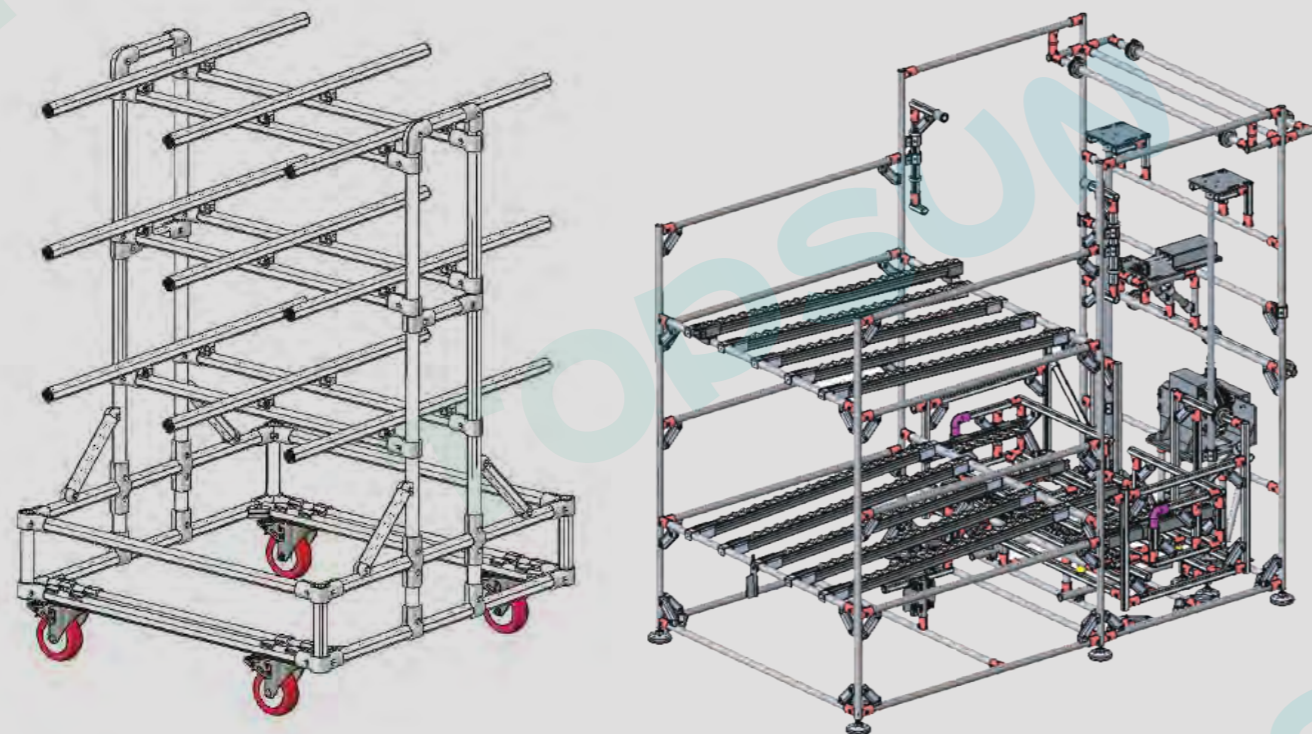
The wire rod system is a modular system composed of conduit profiles and their fittings.  
线棒系统是由导管型材及其管扣件等组成的一种模块化系统。

Aluminum alloy wire rod is very different from traditional wire rod. Traditional wire rod (also known as plastic coated pipe) is a welded steel pipe with plastic resin coating, and the appearance of the finished product is poor. The workmanship of the connectors is poor, and over time they may peel off paint, rust, and have a light load. The aluminum alloy wire rod is made of aluminum profiles, with a silver white appearance and surface anodized treatment for corrosion and rust prevention. It is composed of "cross" shaped vertical bidirectional positioning pipe fittings and aluminum profile die-casting connections. The connection structure adopts the technical solution of vertical bidirectional positioning, which increases the connection strength and improves the load capacity. It has the advantages of accurate positioning, firm connection, easy operation, strong interchangeability, and reusability. The design structure is simple and easy to implement.

铝合金线棒跟传统意义上的线棒有很大区别，传统线棒（也称为覆塑管）是带有塑料树脂涂层的焊接钢管，成品外观差。连接件做工差，时间久了会掉漆，生锈，负载较轻。而铝合金线棒采用铝型材，外观上银白色，表面阳极氧化处理，防腐防锈，由“十”字型垂直双向定位管件和铝型材压铸连接组成，该连接结构采用了垂直双向定位的技术方案，增加了连接强度，提高了负载能力，具有定位准确、连接牢固、操作方便、互换性强、可再利用等优点，并且设计结构简单、易于实施。

Characteristic (特点):

1. Easy to assemble: easy loading and unloading, reducing assembly time and improving efficiency.
  2. Lightweight: The frame connection parts are made of aluminum, which is also lightweight after assembly, reducing the burden on operators when moving the distribution rack.
  3. Aesthetics: The surface of aluminum profiles is treated with anodizing to prevent corrosion and rust, while maintaining good glossiness and keeping the workshop and factory environment clean.
  4. Reusability: Reusable, environmentally friendly, and highly valuable for recycling.
  5. Multifunctionality: The abundant spare parts can achieve diverse uses and can quickly link third-party parts.
- 1.易组装：装卸方便，减少组装时间，提高效率。  
2.轻便：框架连接处零件均采用铝材，组装后也很轻便，在移动配送架时可减轻作业员的负担。  
3.美观：铝型材的表面进行阳极氧化处理，防腐防锈，并保持很好的光泽度，保持车间及工厂环境的整洁。  
4.重复使用性：可重复利用，环保，回收利用价值高。  
5.多功能性：充实的零配件可实现多样用途，可以快速链接第三方零件。





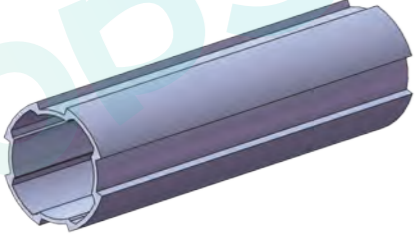
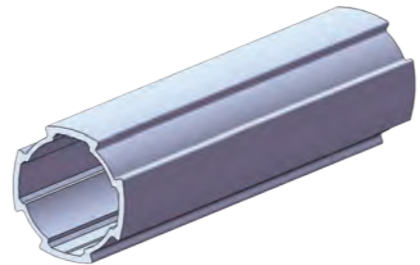
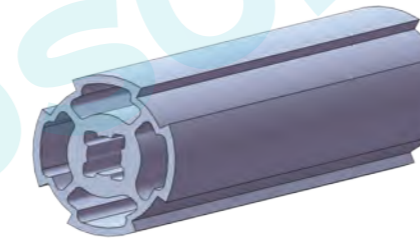
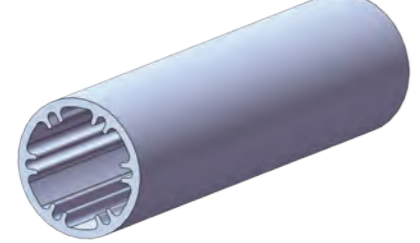
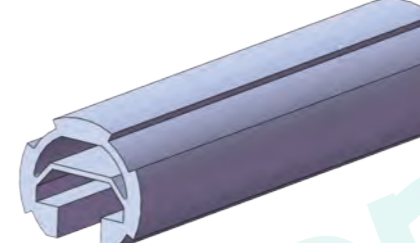
Overview

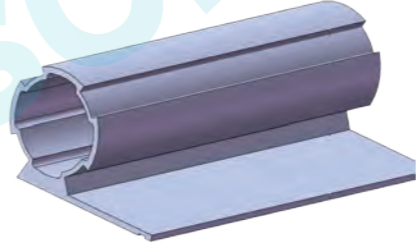
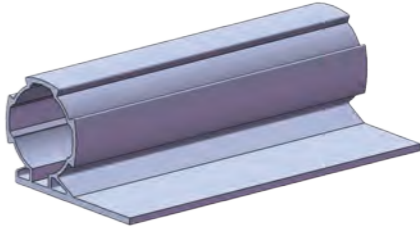
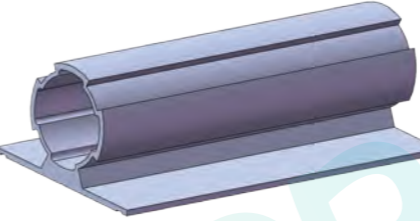
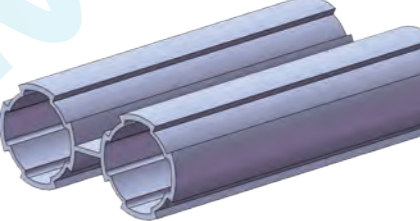
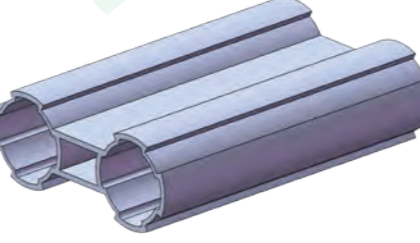
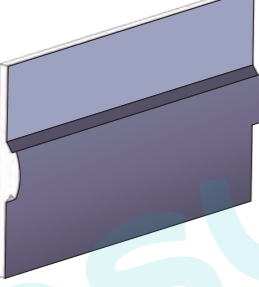
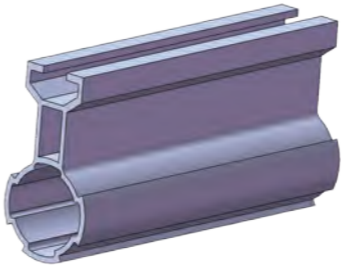
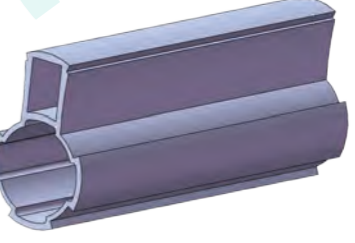
概述

Lean pipe system is a modular logistics unit composed of conduit aluminum profiles and aluminum pipe buckles.  
 The conduit is made of aluminum alloy profiles, with a silver white appearance and anodized surface treatment. The system has the advantages of accurate positioning, firm connection, easy disassembly, strong interchangeability, and resistance to repeated use.  
 This system is suitable for industries such as automotive, electronics, tobacco, chemical and pharmaceutical.

精益管系统是由导管铝型材和铝管扣等组成的一种模块化物流单元。导管采用铝合金型材制作，外观为银白色，表面阳极氧化处理，该系统具有定位准确、连接牢固，拆卸方便，互换性强，克反复利用等优点。该系统适用于汽车、电子、烟草、化工医药等行业。

- Material: 6063-T5  
材 质: 6063-T5
- Surface color: Standard colors are silver, yellow and black, or other colors can be customized.  
表面颜色: 标准颜色为银色, 黄色和黑色或其他颜色可定制。
- Surface treatment: Anodic oxidation (Untreated cutting surface).  
表面处理: 阳极氧化(切断面未进行处理)。
- Length: L=4000±0.5mm  
长 度: L=4000±0.5mm

<p>TS-2812P</p> 	<p>TS-2815P</p> 
<p>TS-2820P</p> 	<p>TS-2820H</p> 
<p>TS-2815R</p> 	<p>TS-2820T</p> 

<p>TS-2815LF1</p> 	<p>TS-2815LF2</p> 
<p>TS-2815TF</p> 	<p>TS-2815PW</p> 
<p>TS-2815PWG</p> 	<p>TS-6003TF</p> 
<p>TS-2815PT</p> 	<p>TS-2815PO</p> 



**TS-2812P**

Model 型号	Mass 重量 (kg/m)
TS-2812P	0.34Kg/m

Application examples  
应用示例

**TS-2815P**

Model 型号	Mass 重量 (kg/m)
TS-2815P	0.37Kg/m

**TS-2820P**

Model 型号	Mass 重量 (kg/m)
TS-2820P	0.37Kg/m
	0.41Kg/m

**TS-2820H**

Model 型号	Mass 重量 (kg/m)
	0.41Kg/m
	0.70Kg/m

**TS-2815R**

Model 型号	Mass 重量 (kg/m)
TS-2815R	0.40Kg/m

**TS-2815T**

Model 型号	Mass 重量 (kg/m)
TS-2815T	0.54Kg/m

Application examples  
应用示例

**TS-2815LF1**

Model 型号	Mass 重量 (kg/m)
TS-2815LF1	0.58Kg/m

Application examples  
应用示例

**TS-2815LF2**

Model 型号	Mass 重量 (kg/m)
TS-2815LF2	0.58Kg/m

Application examples  
应用示例

**TS-2815TF**

Model 型号	Mass 重量 (kg/m)
TS-2815TF	0.58Kg/m

**TS-2815PW**

Model 型号	Mass 重量 (kg/m)
TS-2815PW	0.81Kg/m

Application examples  
应用示例

**TS-2815PWG**

Model 型号	Mass 重量 (kg/m)
TS-2815PWG	0.79Kg/m

**TS-6003TF**

Model 型号	Mass 重量 (kg/m)
TS-6003TF	0.78Kg/m

**TS-2815PT**

Model 型号	Mass 重量 (kg/m)
TS-2815PT	0.64Kg/m

Application examples  
应用示例

**TS-2815PO**

Model 型号	Mass 重量 (kg/m)
TS-2815PO	0.55Kg/m

**外连接件**

**外直角连接件 External right angle connector**

应用实例 Application examples

产品名称	外直角连接件
产品重量	60g/套
型号	TS-1

**外直角连接件 External right angle connector**

应用实例 Application examples

产品名称	外直角连接件
产品重量	56g/套
型号	TS-1R

**外直角连接件 External right angle connector**

应用实例 Application examples

产品名称	外直角连接件
产品重量	74g/套
型号	TS-1A

**加强外直角连接件 Strengthen the outer right angle connector**

应用实例 Application examples

产品名称	加强外直角连接件
产品重量	105g/套
型号	TS-1G

**外连接件**

**转角连接件 Corner connector**

应用实例 Application examples

产品名称	转角连接件
产品重量	120g/套
型号	TS-2

**三通连接件 Three way connector**

应用实例 Application examples

产品名称	三通连接件
产品重量	175g/套
型号	TS-3

**十字连接件 Cross connector**

应用实例 Application examples

产品名称	十字连接件
产品重量	120g/套
型号	TS-4

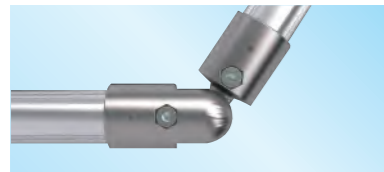
**角度连接件 Angle connector**

应用实例 Application examples

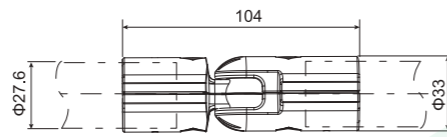
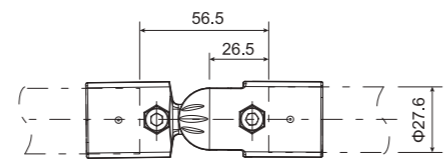
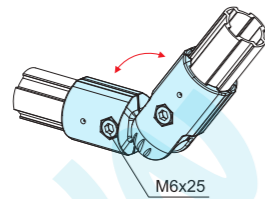
产品名称	角度连接件
产品重量	100g/套
型号	TS-6A

**外连接件**

角度连接件 Angle connector

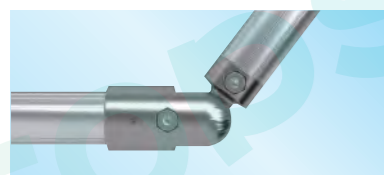


应用实例  
Application examples

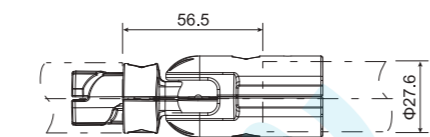
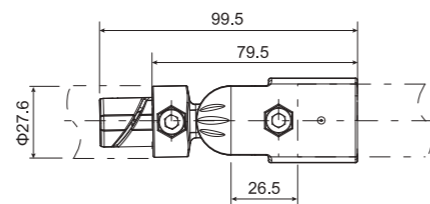
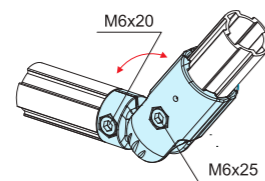


产品名称	角度连接件
产品重量	130g/套
型号	TS-6B

角度连接件 Angle connector

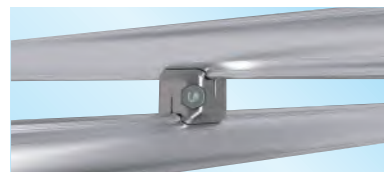


应用实例  
Application examples

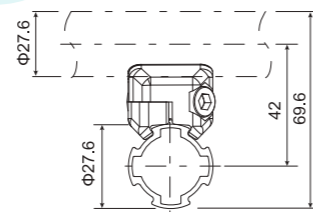
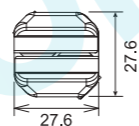
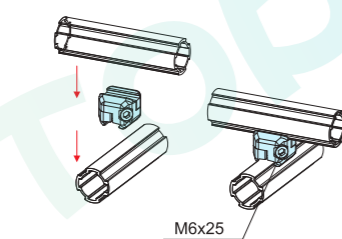


产品名称	角度连接件
产品重量	120g/套
型号	TS-6C

交叉连接件 Cross connector



应用实例  
Application examples

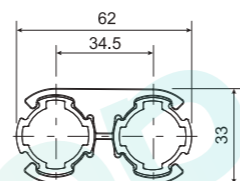
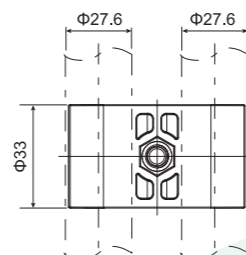
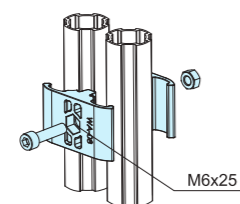


产品名称	交叉连接件
产品重量	35g/套
型号	TS-7

平行连接件 Parallel connectors I-Shaped External fastener



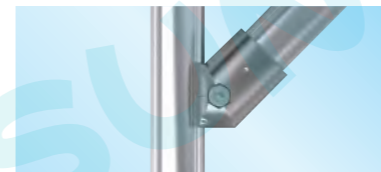
应用实例  
Application examples



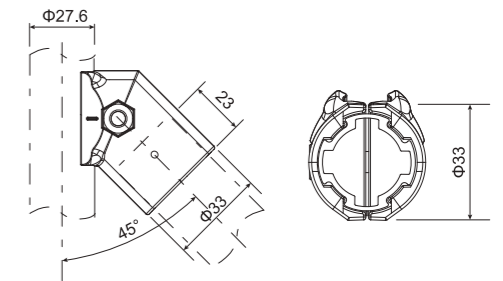
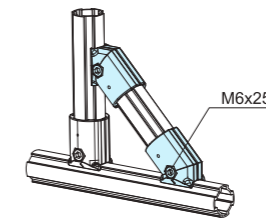
产品名称	平行连接件
产品重量	60g/套
型号	TS-8

**外连接件**

45°外连接件 45° external connector



应用实例  
Application examples

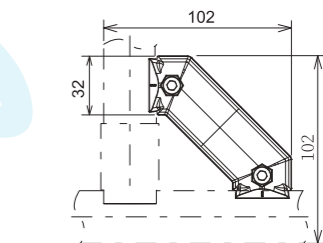
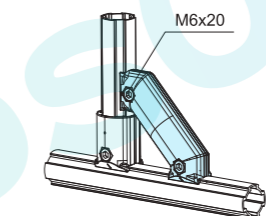


产品名称	45° 外连接件
产品重量	60g/套
型号	TS-45A

加固连接件 Strengthening connectors



应用实例  
Application examples

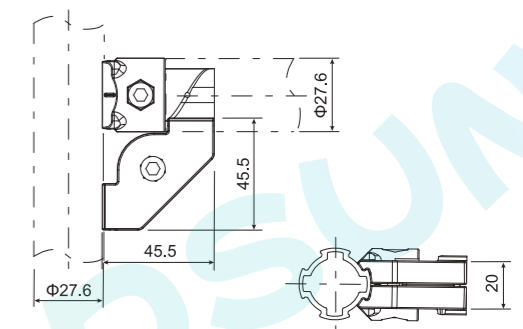
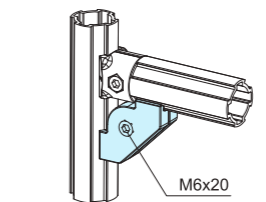


产品名称	加固连接件
产品重量	110g/套
型号	TS-45B

加固支撑件 Strengthening support components



应用实例  
Application examples

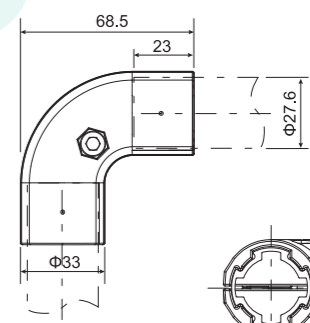
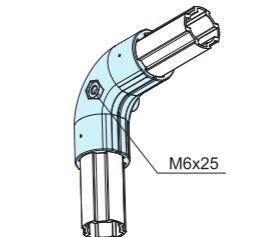


产品名称	加固支撑件
产品重量	40g/套
型号	TS-45G

90°外连接件 90° external connector



应用实例  
Application examples



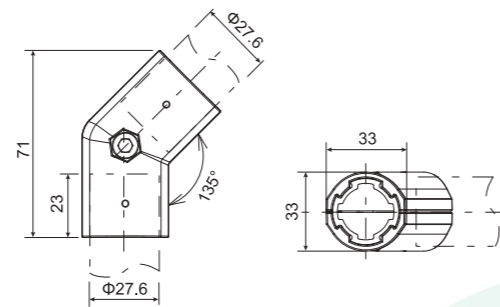
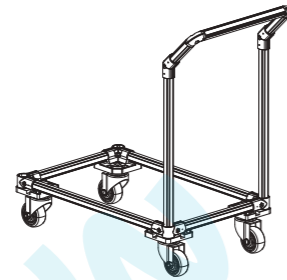
产品名称	90° 外连接件
产品重量	100g/套
型号	TS-90

**外连接件**

**135°外连接件 135° external connector**

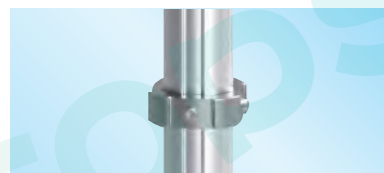


应用实例  
Application examples

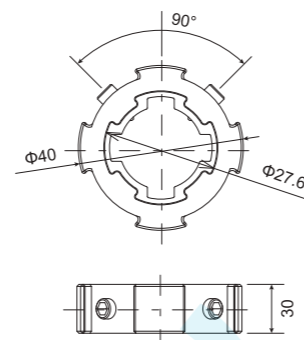
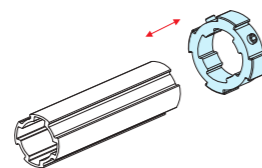


产品名称	135° 外连接件
产品重量	80g/套
型号	TS-135

**滑动定位环 Sliding positioning ring**



应用实例  
Application examples

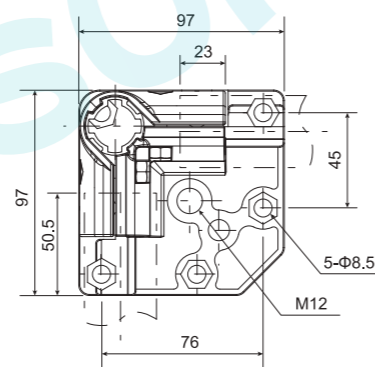
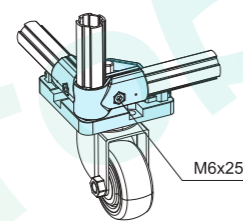


产品名称	滑动定位环
产品重量	25g/套
型号	TS-2B

**多功能加强底座 Multi functional reinforced base**

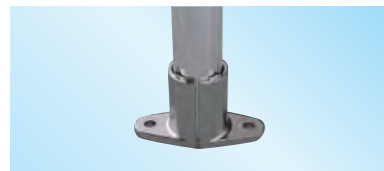


应用实例  
Application examples

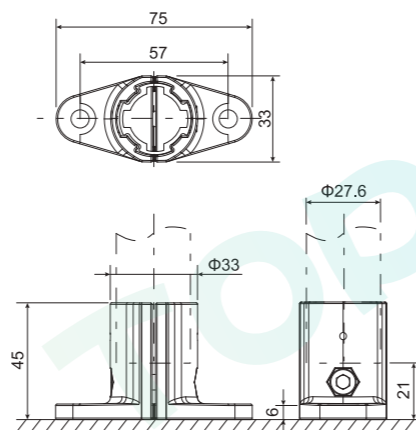
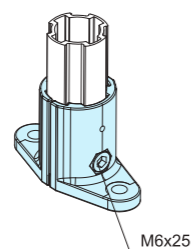


产品名称	多功能加强底座
产品重量	340g/套
型号	TS-3TD

**固定连接件 Fixed connectors**



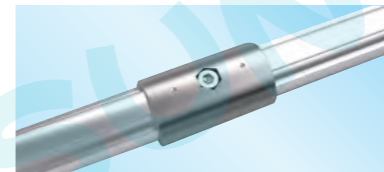
应用实例  
Application examples



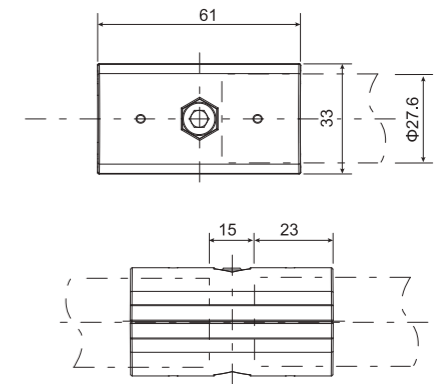
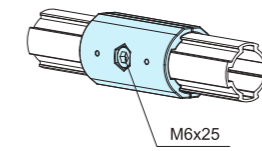
产品名称	固定连接件
产品重量	74g/套
型号	TS-90H

**外连接件**

**直通外连接件 Direct external connector**

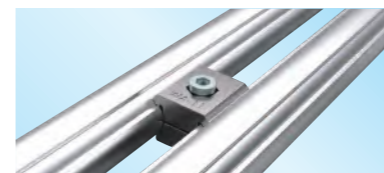


应用实例  
Application examples

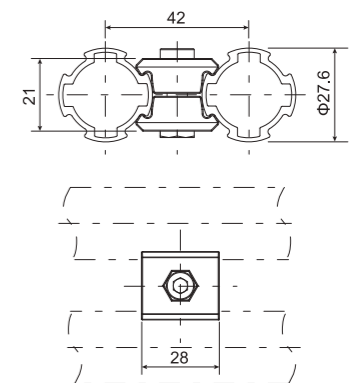
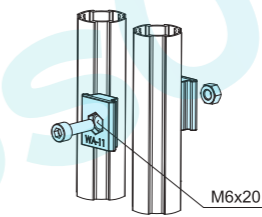


产品名称	直通外连接件
产品重量	72g/套
型号	TS-OTO

**平行连接件 Parallel connectors**



应用实例  
Application examples

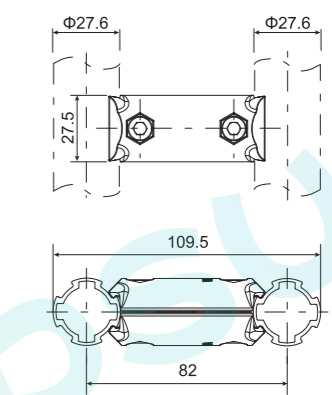
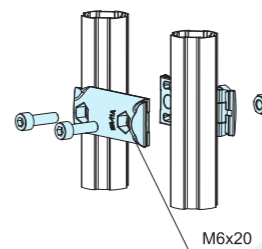


产品名称	平行连接件
产品重量	35g/套
型号	TS-11

**平行连接件 Parallel connectors**



应用实例  
Application examples

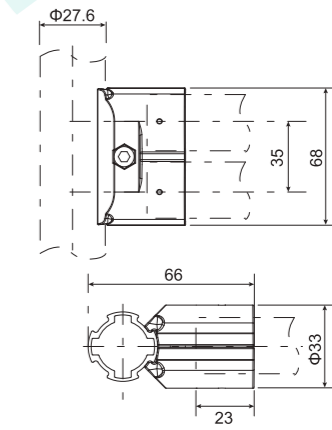
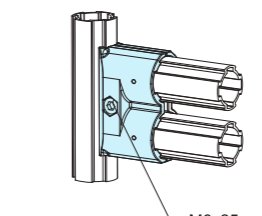


产品名称	平行连接件
产品重量	75g/套
型号	TS-11A

**双管外连接件 Double tube external connector**



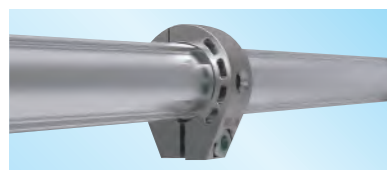
应用实例  
Application examples



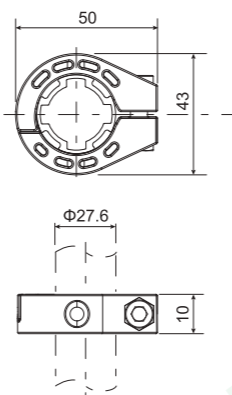
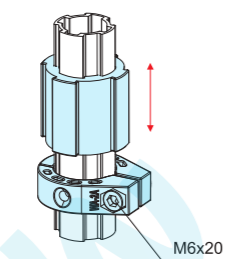
产品名称	双管外连接件
产品重量	105g/套
型号	TS-28

外连接件

限位连接件 Limit connector



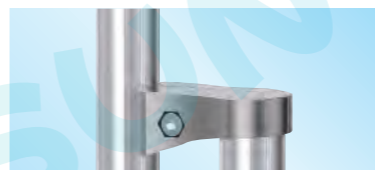
应用实例  
Application examples



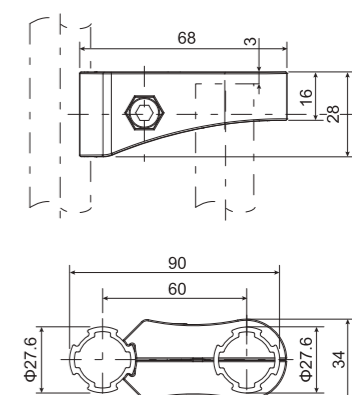
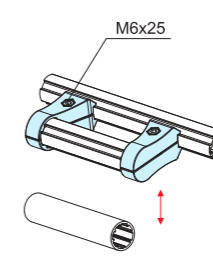
产品名称	限位连接件
产品重量	38g/套
型号	TS-2A

外连接件

把手连接件 Handle connector



应用实例  
Application examples

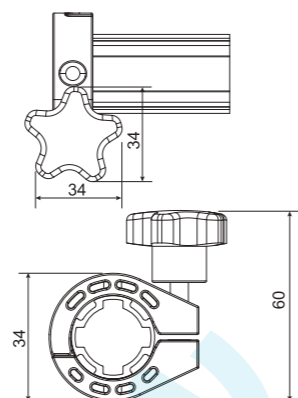
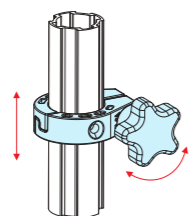


产品名称	把手连接件
产品重量	74g/套
型号	TS-CW

限位连接件 Limit connector



应用实例  
Application examples

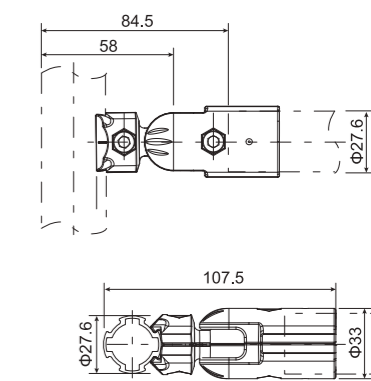
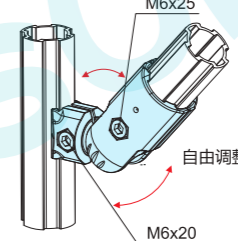


产品名称	限位连接件
产品重量	58g/套
型号	TS-2AP

万向连接件 Universal connector



应用实例  
Application examples

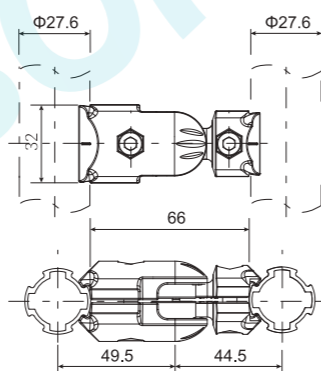
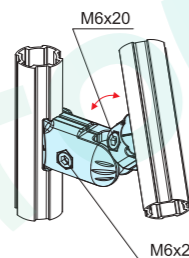


产品名称	万向连接件
产品重量	108g/套
型号	TS-6A

多角度连接件 Multi angle connector



应用实例  
Application examples

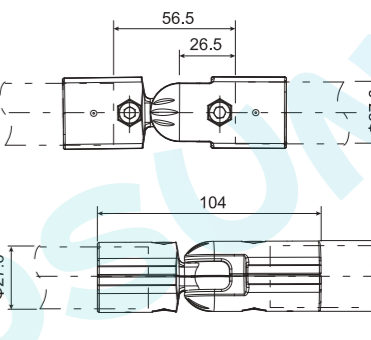
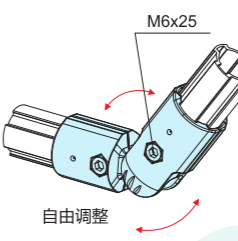


产品名称	多角度连接件
产品重量	120g/套
型号	TS-6E

万向连接件 Universal connector



应用实例  
Application examples

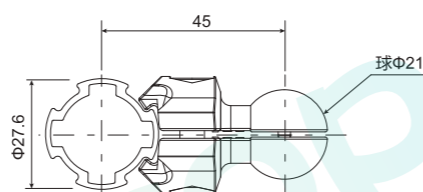
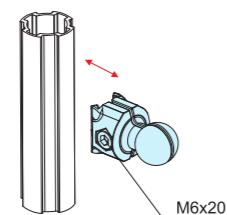


产品名称	万向连接件
产品重量	128g/套
型号	TS-6B

挂件 Pendant



应用实例  
Application examples

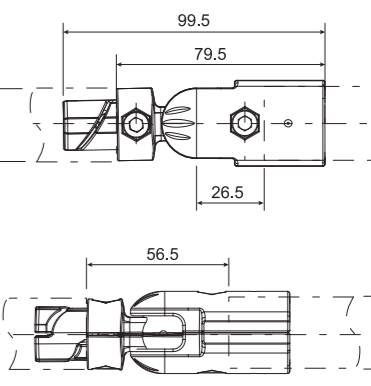
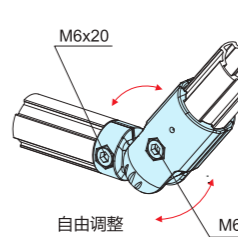


产品名称	挂件
产品重量	44g/套
型号	TS-LA

万向连接件 Universal connector



应用实例  
Application examples



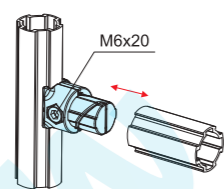
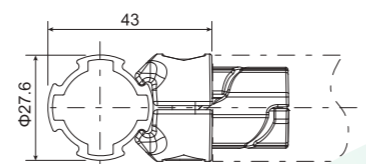
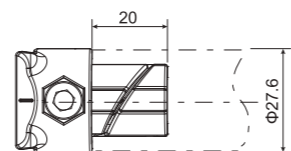
产品名称	万向连接件
产品重量	118g/套
型号	TS-6C

**内连接件**

**内直角连接件 Connecting components**



应用实例  
Application examples

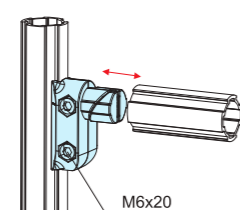
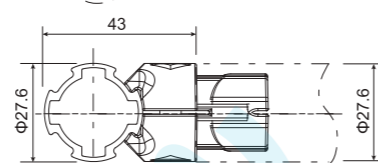
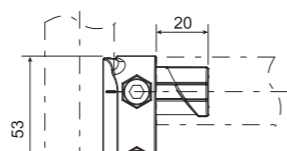


产品名称	内直角连接件
产品重量	50g/套
型号	TS-1

**加强内直角连接件 Strengthen the inner right angle connector**



应用实例  
Application examples

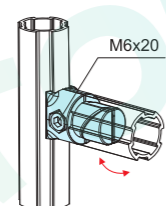
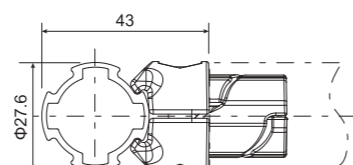
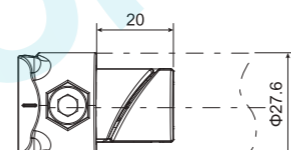


产品名称	加强内直角连接件
产品重量	80g/套
型号	TS-1G

**内直角旋转连接件 Internal right angle rotating connector**



应用实例  
Application examples

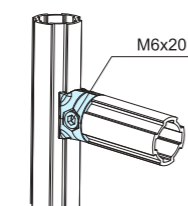
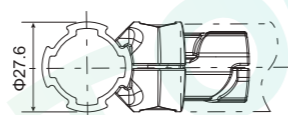
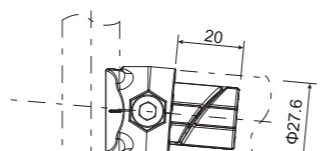


产品名称	万向连接件
产品重量	50g/套
型号	TS-1R

**5°内连接件 5° internal connector**



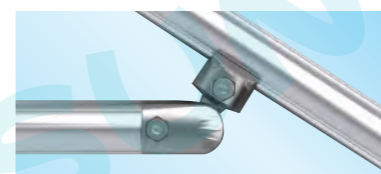
应用实例  
Application examples



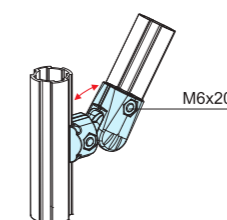
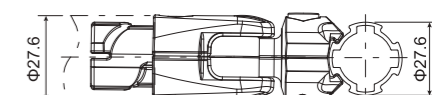
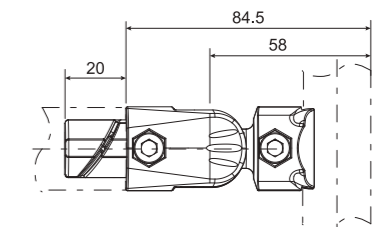
产品名称	5°内连接件
产品重量	50g/套
型号	TS-5

**内连接件**

**多角度内连接件 Multi angle internal connector**



应用实例  
Application examples

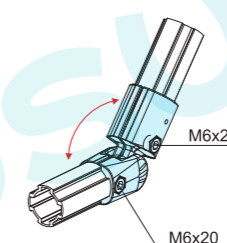
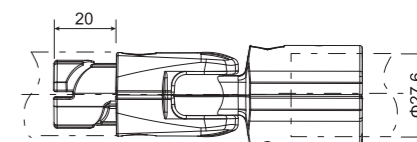
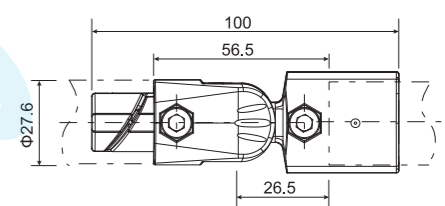


产品名称	多角度内连接件
产品重量	105g/套
型号	TS-6A

**多角度连接件 Multi angle connector**



应用实例  
Application examples

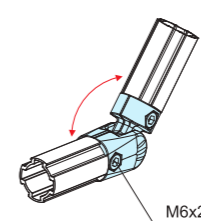
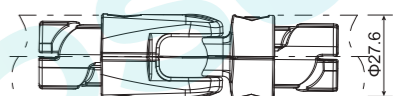
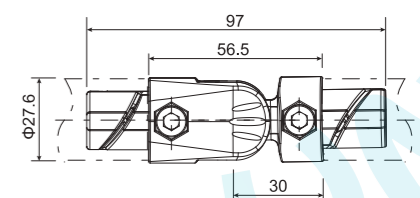


产品名称	多角度连接件
产品重量	120g/套
型号	TS-6B

**多角度内连接件 Multi angle internal connector**



应用实例  
Application examples

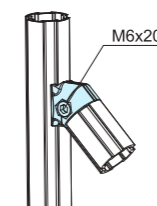
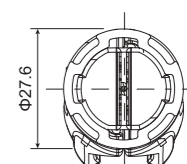
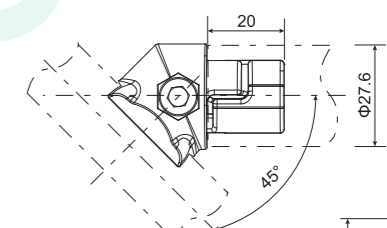


产品名称	多角度内连接件
产品重量	118g/套
型号	TS-6C

**45°内连接件 45° internal connector**



应用实例  
Application examples



产品名称	45°内连接件
产品重量	45g/套
型号	TS-45



# 28mm管系列连接件

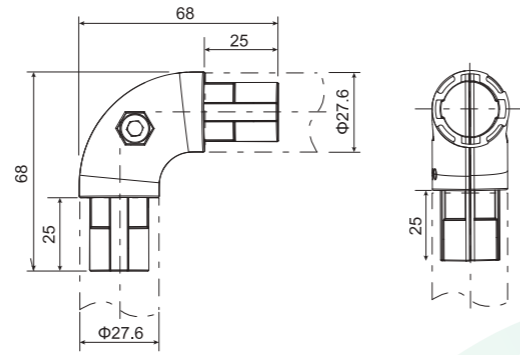
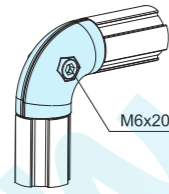
28mm pipe series connector

## 内连接件

### 90°转角内连接件 90° angle internal connector



应用实例  
Application examples

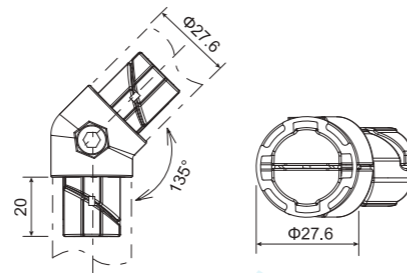
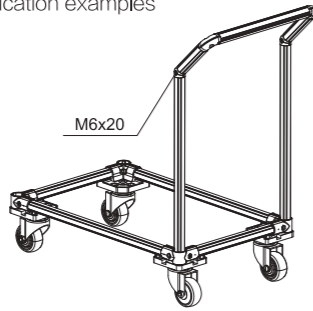


产品名称	90° 转角内连接件
产品重量	95g/套
型号	TS-90

### 135°角内连接件 135° internal connector

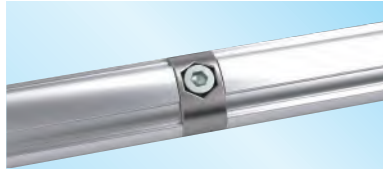


应用实例  
Application examples

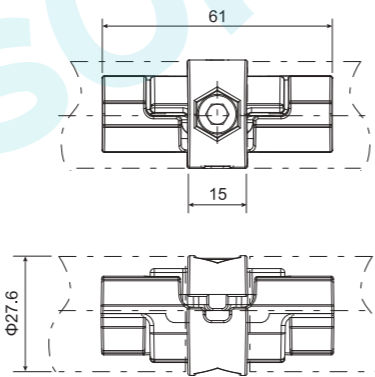
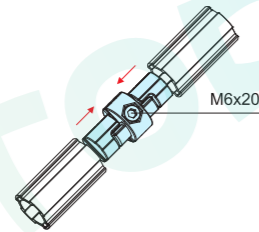


产品名称	135° 角内连接件
产品重量	90g/套
型号	TS-135

### 对接内连接件 Connecting internal connectors

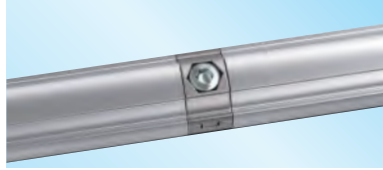


应用实例  
Application examples

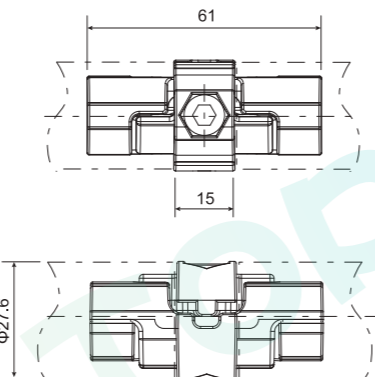
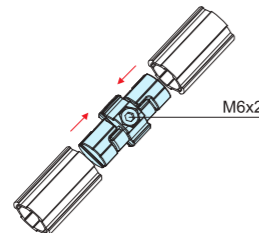


产品名称	对接内连接件
产品重量	63g/套
型号	TS-OTO

### 对接内连接件 Connecting internal connectors



应用实例  
Application examples



产品名称	对接内连接件
产品重量	60g/套
型号	TS-OTOM

# 28mm管系列连接件

28mm pipe series connector

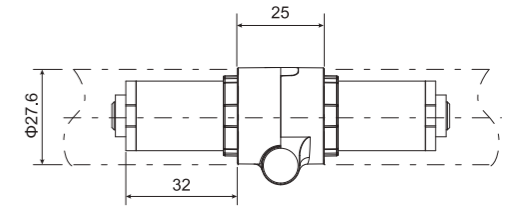
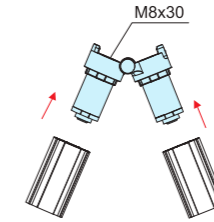


## 内连接件

### 折叠连接件 Folding connector



应用实例  
Application examples

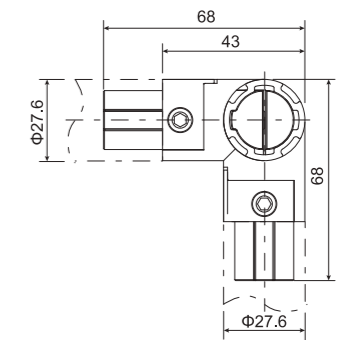
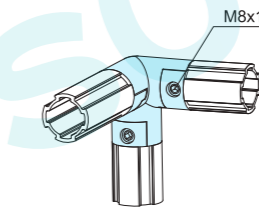


产品名称	折叠连接件
产品重量	110g/套
型号	TS-OTOR

### 角连接件 Corner connector



应用实例  
Application examples

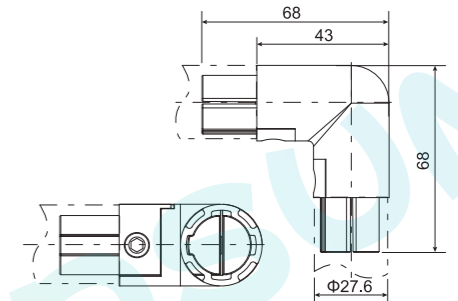
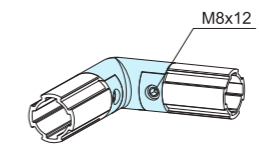


产品名称	角连接件
产品重量	215g/套
型号	TS-3D

### 角连接件 Corner connector



应用实例  
Application examples

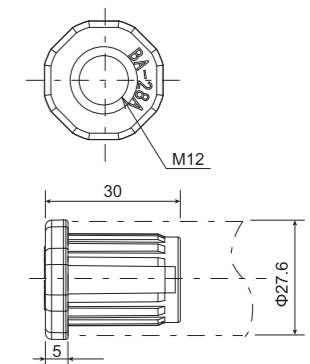
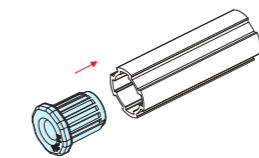


产品名称	角连接件
产品重量	115g/套
型号	TS-2D

### 地脚连接件 Corner connector



应用实例  
Application examples



产品名称	地脚连接件
产品重量	18g/套
型号	TS-28A

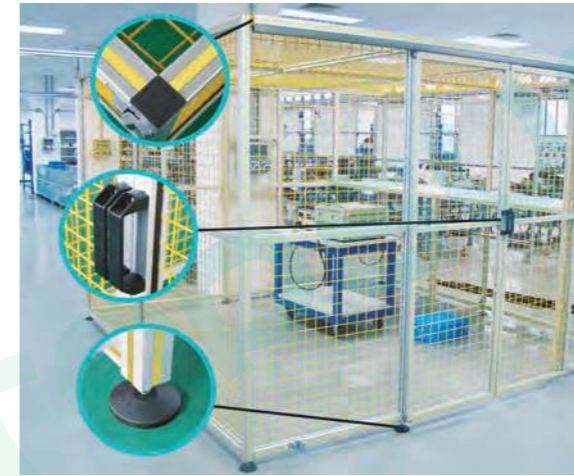
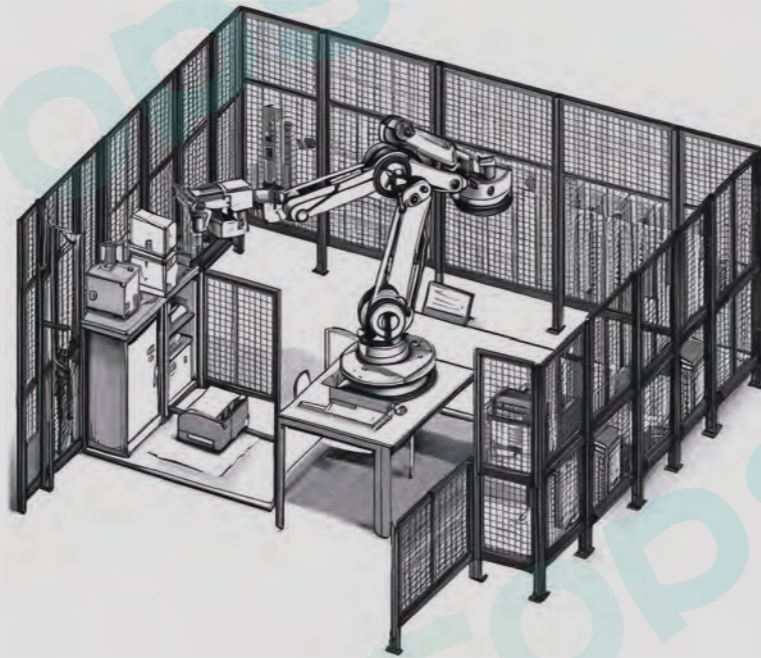
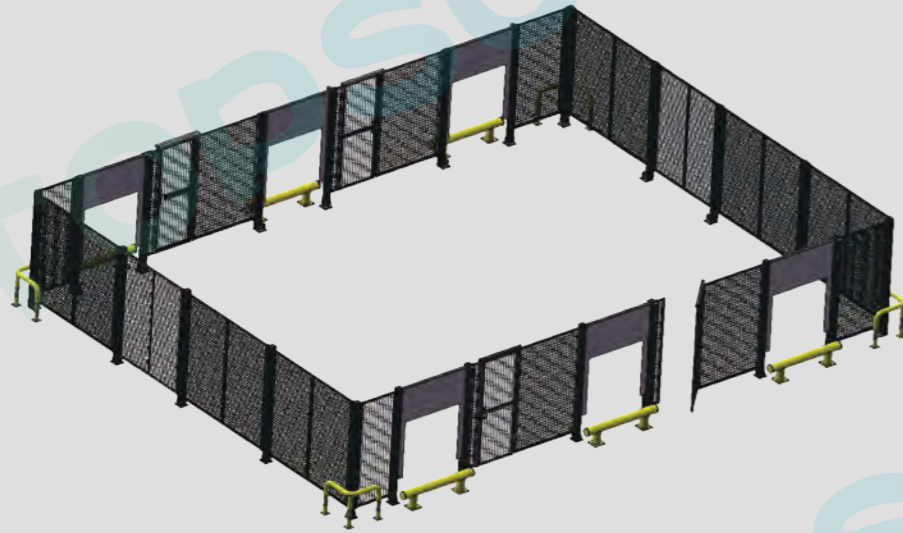
Safety protection system 安全防护系统  
Frame aluminum profile protection 框架铝型材防护

Aluminum profiles are increasingly being used in the field of mechanical protection due to their advantages such as beauty, ease of installation, easy modification, and reusability.  
铝型材因为美观、易安装、易修改、可重复利用等优点在机械防护领域应用越来越广泛。

Mainly used for peripheral protection of automobile manufacturing production lines, machinery and equipment, peripheral protection of various assembly lines, and area protection of production workshops.  
主要用于汽车制造生产线、机器设备的外围防护、各种流水线的外围防护、生产车间的区域防护等。

Features: (特点):

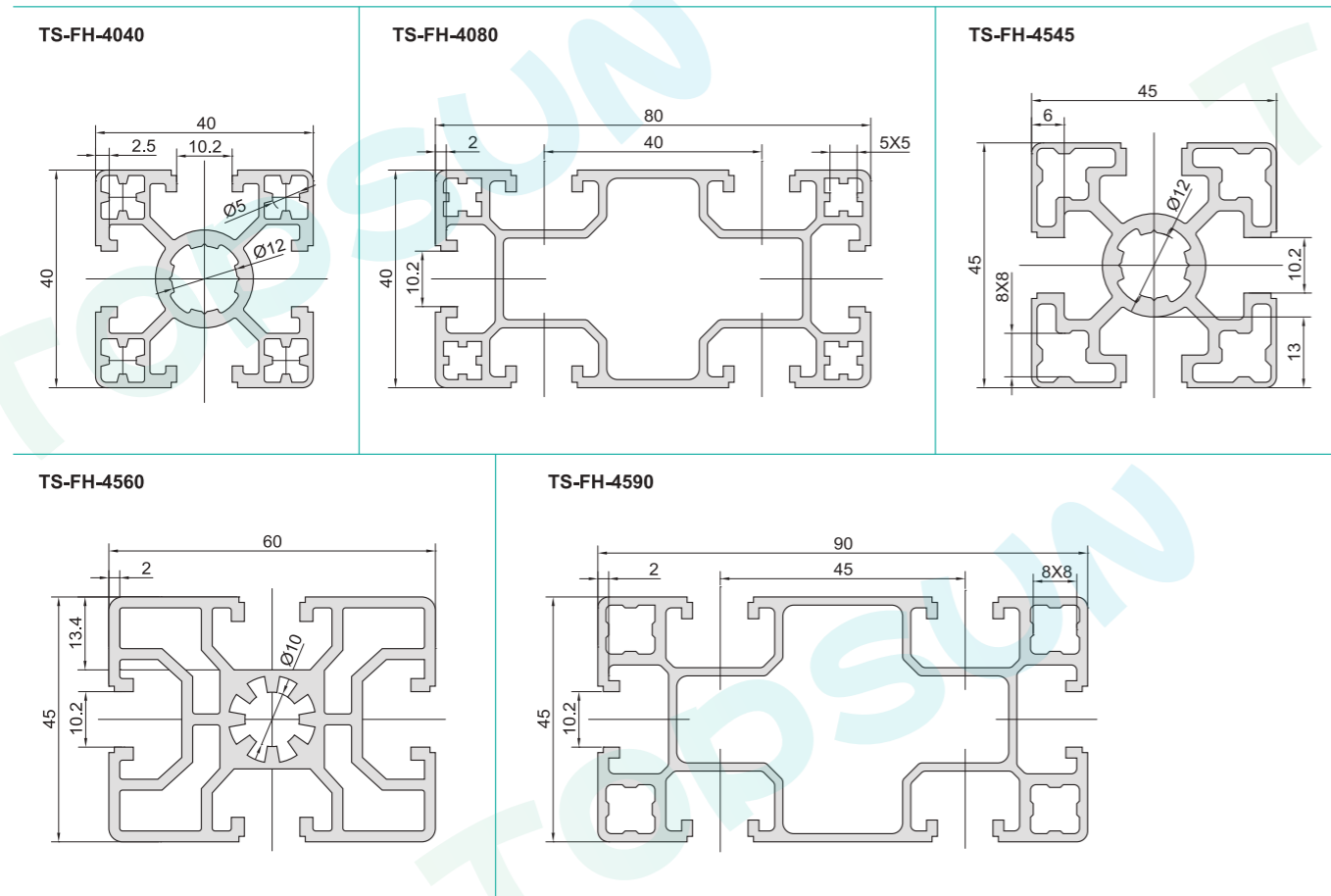
1. Mainly using frame profiles as frame profiles, assembled into units with welded mesh or organic glass.  
主要采用框架型材作为边框型材，配合焊接网或有机玻璃等组装成单元。
2. Diversified profiles and connectors.  
型材及连接件多样化。



Aluminum profiles for protective columns  
防护立柱铝材

Universal standard profiles, suitable for frame combinations of protective units.  
通用标准型材，适用于防护单元的框架组合。

- 10mmT-Slot Profile  
槽口10mm型材
- Material: 6063-T5  
材质: 6063-T5
- Surface treatment: Anodic oxidation(Untreated cutting surface).  
表面处理: 阳极氧化(切断面未进行氧化处理)。
- Length: L=6000±0.5mm  
长度: L=6000±0.5mm

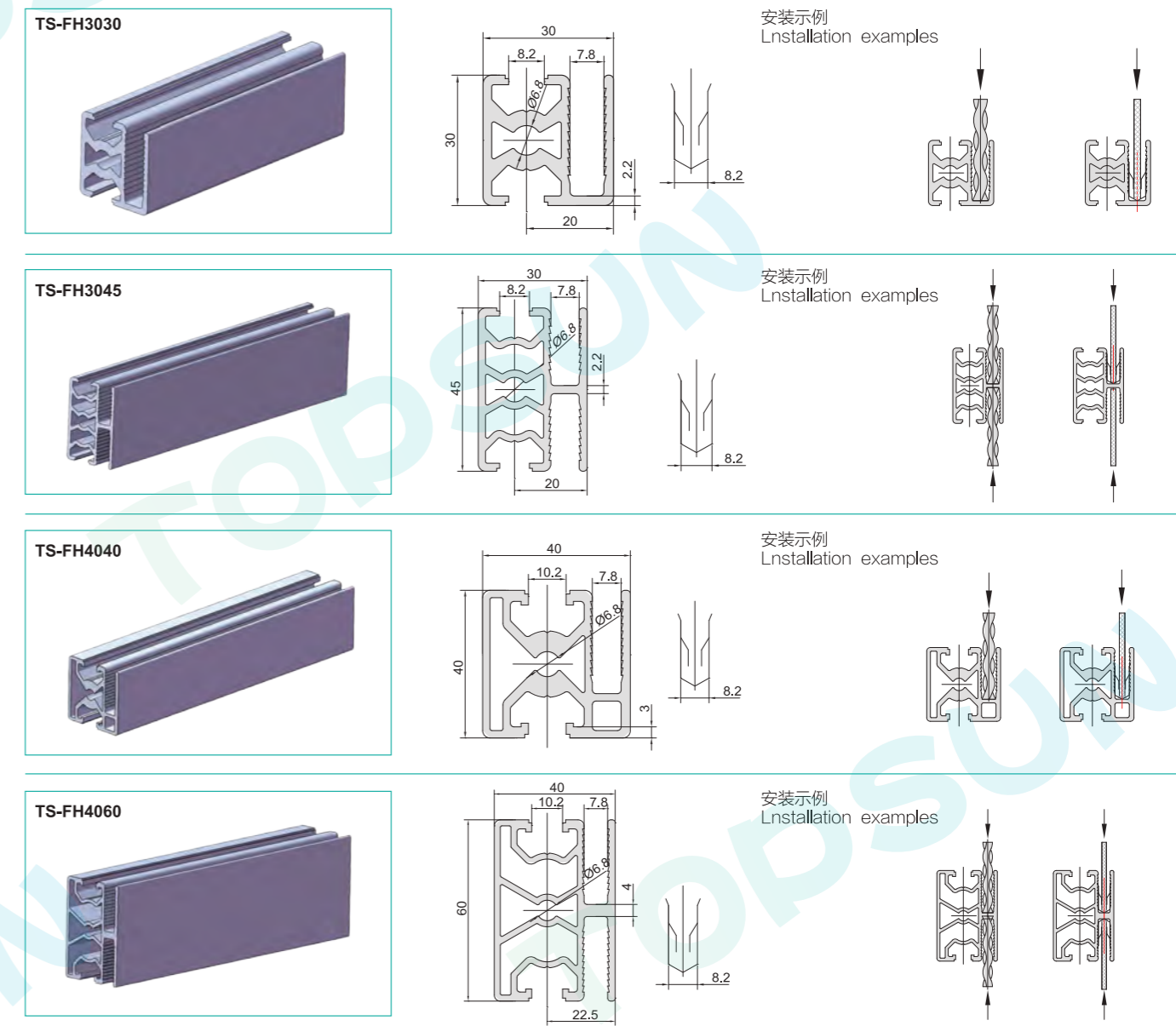


Model 型号	Moment of Inertia 惯性矩 Ix(cm <sup>4</sup> )	Moment of Inertia 惯性矩 Iy(cm <sup>4</sup> )	Moment of Resistance 惯性矩 Wx(cm <sup>3</sup> )	Moment of Resistance 惯性矩 Wy(cm <sup>3</sup> )	Mass 重量 (kg/m)
TS-FH-4040	7.27	7.27	3.64	3.64	1.38Kg/m
TS-FH-4080	13.6	50.6	6.80	12.7	1.95Kg/m
TS-FH-4545	10.5	10.5	4.67	4.67	1.62Kg/m
TS-FH-4560	16.5	27.8	7.33	9.27	2.44Kg/m
TS-FH-4590	20.0	77.2	8.89	17.2	2.28Kg/m

Aluminum profiles for protective columns  
防护立柱铝材

The safety protection system is a power unit designed to meet various usage conditions of Yonggu. Using aluminum as the frame, different intermediate media such as grille mesh, acrylic panel, aluminum-plastic panel can be installed in the middle.  
安全防护系统是为了满足永固各种使用条件而设计的动力单元。以铝材做框架，中间可安装格栅网，亚克力板，铝塑板等不同的中间介质。

- Material: 6063-T5  
材质: 6063-T5
- Surface treatment: Anodic oxidation(Untreated cutting surface).  
表面处理: 阳极氧化(切断面未进行氧化处理)。
- Length: L=6000±0.5mm  
长度: L=6000±0.5mm

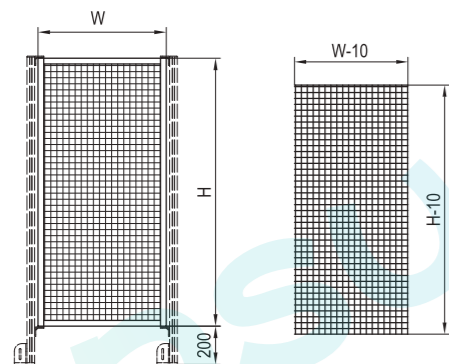


Model 型号	Moment of Inertia 惯性矩 Ix(cm <sup>4</sup> )	Moment of Inertia 惯性矩 Iy(cm <sup>4</sup> )	Moment of Resistance 惯性矩 Wx(cm <sup>3</sup> )	Moment of Resistance 惯性矩 Wy(cm <sup>3</sup> )	Mass 重量 (kg/m)
TS-FH-3030	3.36	2.46	2.20	1.60	0.95Kg/m
TS-FH-3045	7.20	4.65	4.80	2.67	1.25Kg/m
TS-FH-4040	9.82	8.02	4.91	4.01	1.62Kg/m
TS-FH-4060	23.20	13.4	11.6	6.70	2.05Kg/m

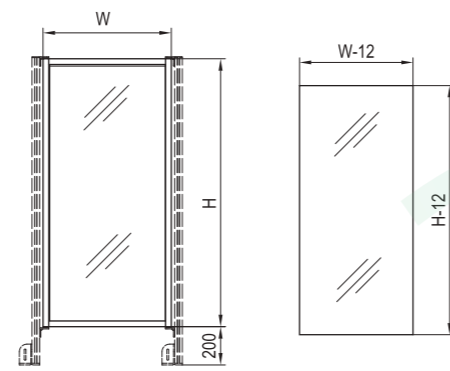
Protective Grille Unit  
防护网单元

PG30 Type A / 30系列 A型

40x40 woven mesh Ø4 diameter  
编织网40x40 丝径Ø4

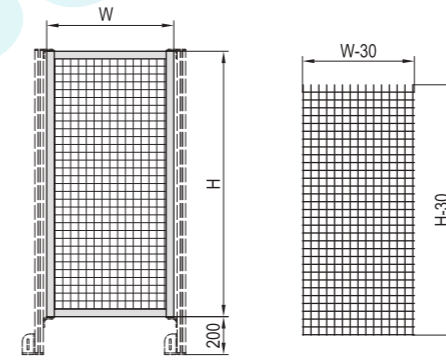


4mm Transparent PMMA Panel  
4mm 透明亚克力板

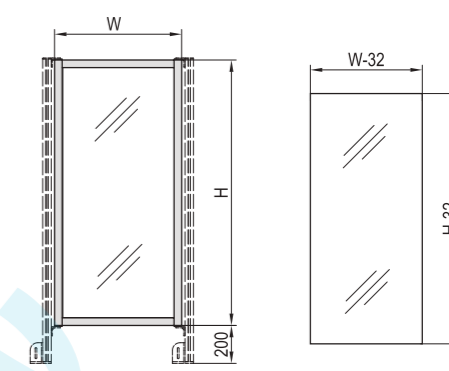


PG40 Type A / 40系列 A型

40x40 woven mesh Ø4 diameter  
编织网40x40 丝径Ø4

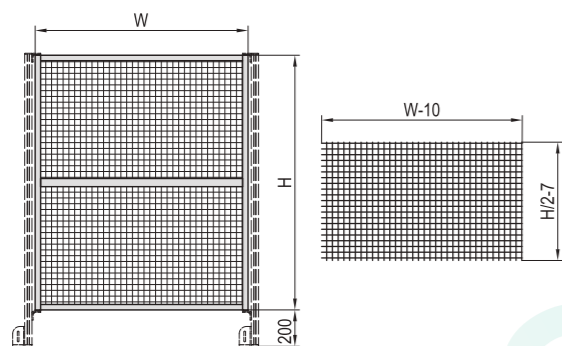


4mm Transparent PMMA Panel  
4mm 透明亚克力板

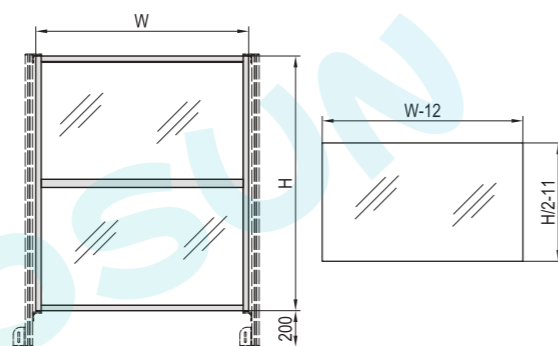


PG30 Type B / 30系列 B型

40x40 woven mesh Ø4 diameter  
编织网40x40 丝径Ø4

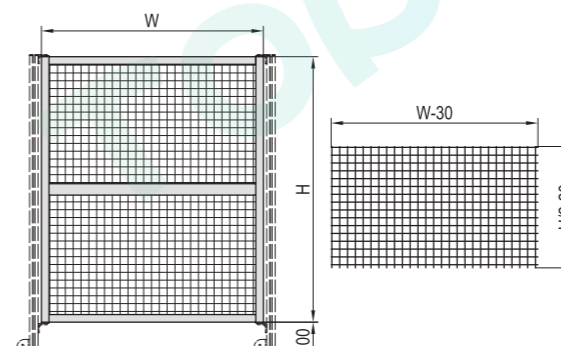


4mm Transparent PMMA Panel  
4mm 透明亚克力板

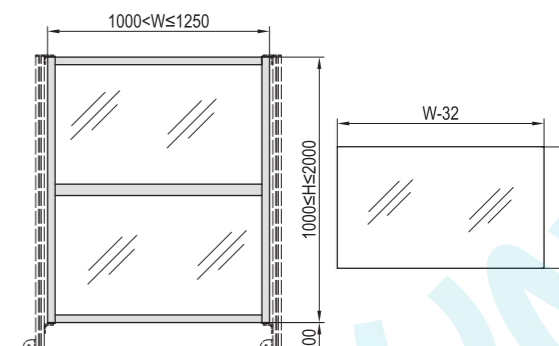


PG40 Type B / 40系列 B型

40x40 woven mesh Ø4 diameter  
编织网40x40 丝径Ø4

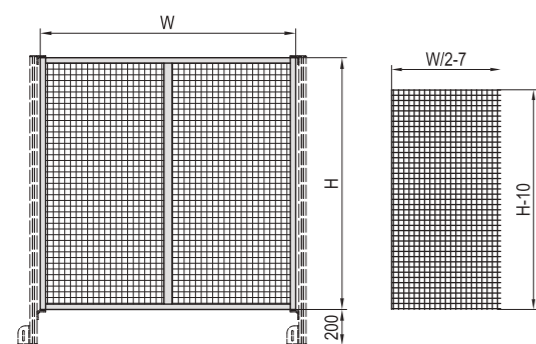


4mm Transparent PMMA Panel  
4mm 透明亚克力板

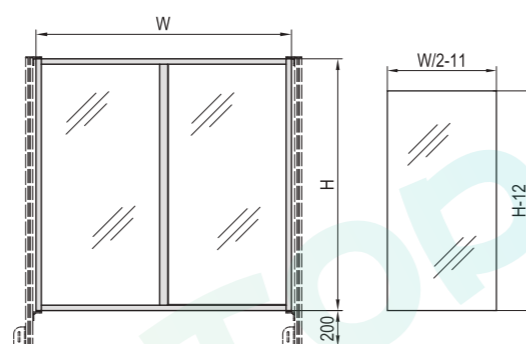


PG30 Type C / 30系列 C型

40x40 woven mesh Ø4 diameter  
编织网40x40 丝径Ø4

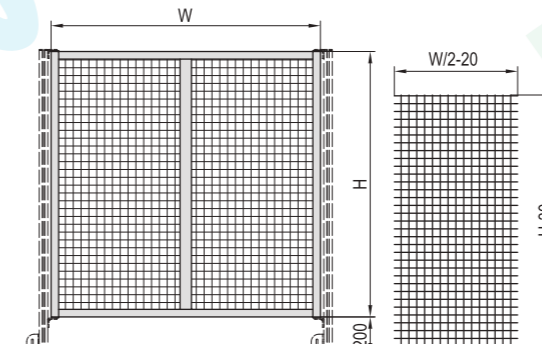


4mm Transparent PMMA Panel  
4mm 透明亚克力板

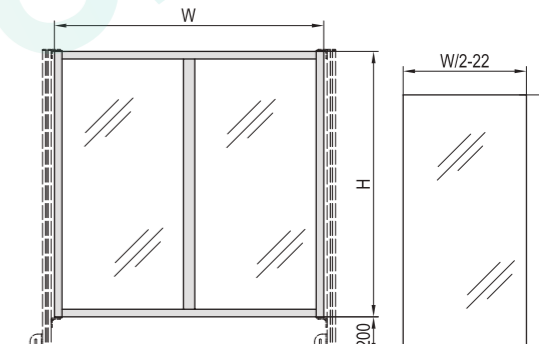


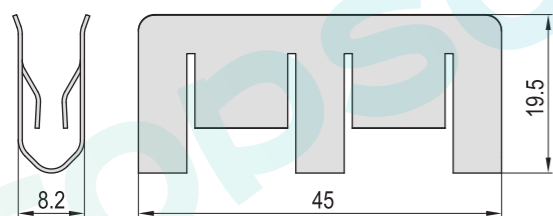
PG40 Type C / 40系列 C型

40x40 woven mesh Ø4 diameter  
编织网40x40 丝径Ø4

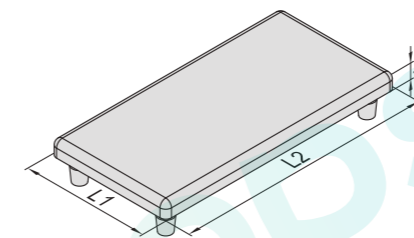
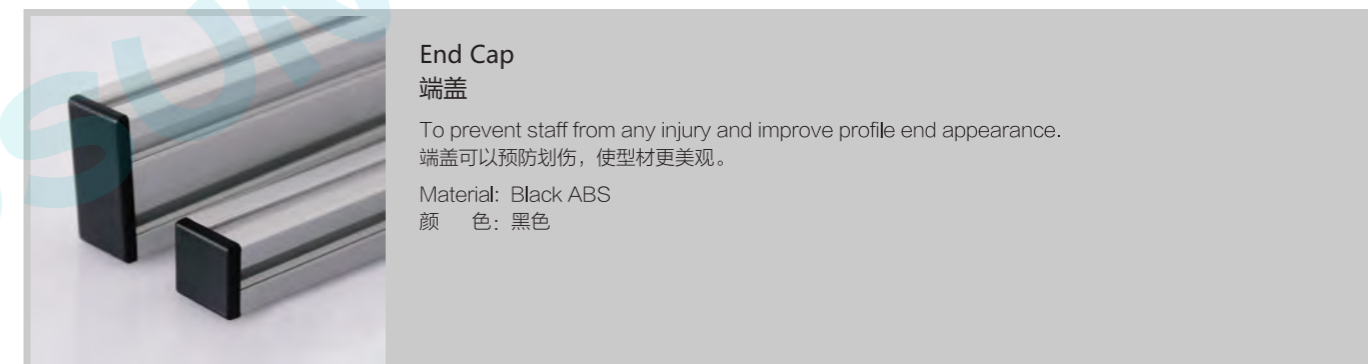


4mm Transparent PMMA Panel  
4mm 透明亚克力板

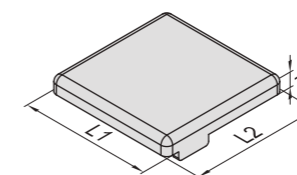




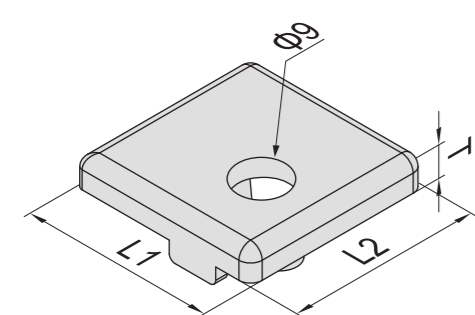
Model 型号	Name 名称	Mass 重量 (g)
TS-JBTP	Spring Clamping Nut 夹板弹片	7



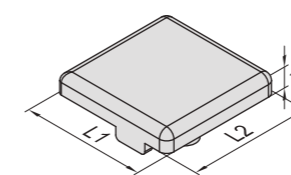
Model 型号	Name 名称	L1 (mm)	L2 (mm)	T (mm)	Mass 重量 (g)
TS-LZDG-4040	Column End Cap-4040 立柱端盖-4040	40	40	5	6
TS-LZDG-4080	Column End Cap-4080 立柱端盖-4080	40	80		13
TS-LZDG-4545	Column End Cap-4545 立柱端盖-4545	45	45	5	8
TS-LZDG-4560	Column End Cap-4560 立柱端盖-4560	45	60		12
TS-LZDG-4590	Column End Cap-4590 立柱端盖-4590	45	90		16



Model 型号	Name 名称	L1 (mm)	L2 (mm)	T (mm)	Mass 重量 (g)
TS-HZDG-3030	Shield End Cap-3030 护罩端盖-3030	30	30	5	4
TS-HZDG-4040	Shield End Cap-4040 护罩端盖-4040	40	40		6



Model 型号	Name 名称	L1 (mm)	L2 (mm)	T (mm)	Mass 重量 (g)
TS-3030FH-DG	30防护铝材端盖	30	30	5	4
TS-4040FH-DG	40防护铝材端盖	40	40		6



Model 型号	Name 名称	L1 (mm)	L2 (mm)	T (mm)	Mass 重量 (g)
TS-HWDG-3030	Shield End Cap-3030 护网端盖-3030	30	30	5	4
TS-HWDG-4040	Shield End Cap-4040 护网端盖-4040	40	40		6



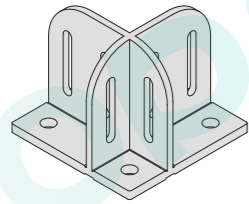
**Base Plate**  
隔断支脚

To support strut profile at the bottom, the stability will be increased if use with expansion bolts.  
隔断支脚用于防护单元之间型材的底部支撑，使用膨胀螺栓置于地下更能提高稳定性。  
Material and surface treatment: cast steel, black electrophoresis  
材 质: 铸钢 表面处理: 黑色电泳

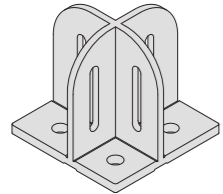
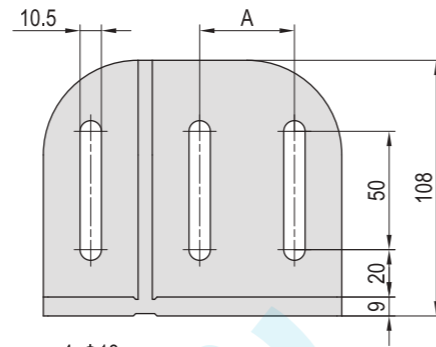
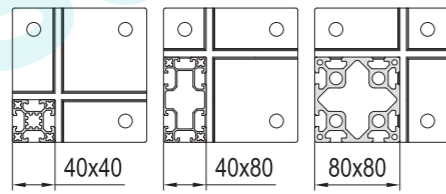


**Base Plate**  
隔断支脚

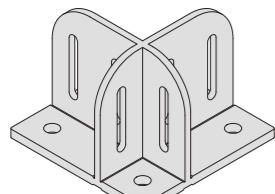
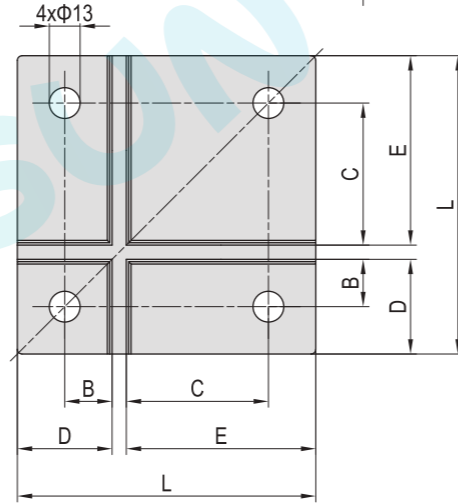
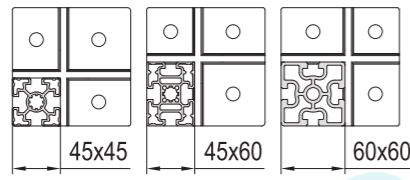
To support strut profile mounted between sections of machine guard system, the stability will be increased if use with expansion bolts.  
隔断支脚用于防护单元之间型材的底部支撑，使用膨胀螺栓置于地下更能提高稳定性。  
Material: Black ABS  
材 质: 碳钢 表面处理: 黑色电泳



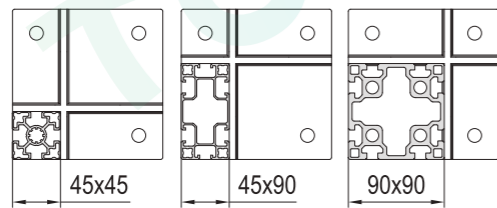
Base Plate-4080  
隔断支脚-4080



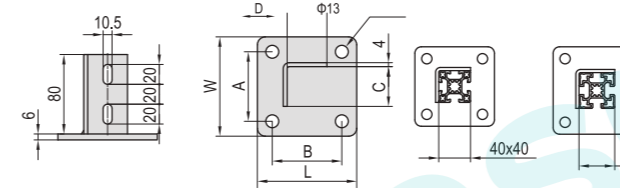
Base Plate-4560  
隔断支脚-4560



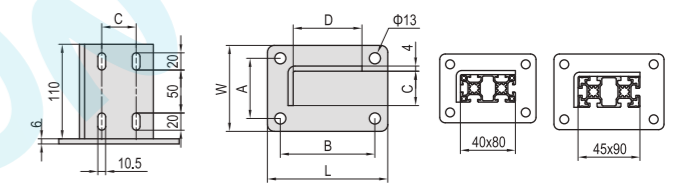
Base Plate-4590  
隔断支脚-4590



Base Plate-4040/4545  
隔断支脚-4040/4545



Base Plate-4080/4590  
隔断支脚-4080/4590



Model 型号	Name 名称	L (mm)	W (mm)	A (mm)	B (mm)	C (mm)	D (mm)
TS-GDZZ-4040	Base Plate-4040 隔断支脚-4040	100	100	70	70	40	40
TS-GDZZ-4545	Base Plate-4545 隔断支脚-4545	110	110	80	80	45	45
TS-GDZZ-4080T	Base Plate-4080T 隔断支脚-4080T	140	100	70	110	40	80
TS-GDZZ-4590T	Base Plate-4090T 隔断支脚-4090T	160	110	80	130	45	90



**L Base**  
L型支脚

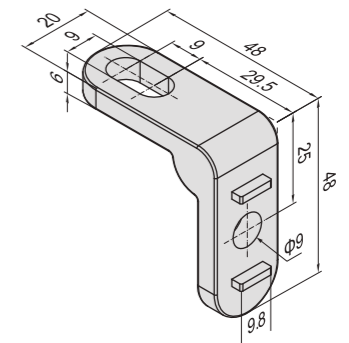
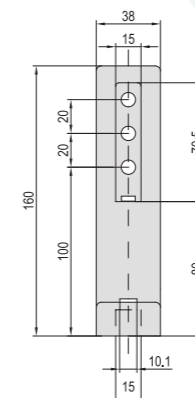
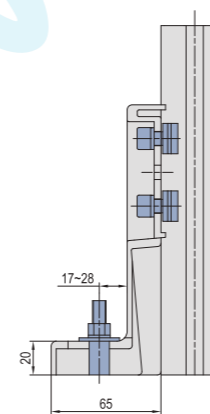
To support strut profile mounted between sections of machine guard system, the stability will be increased if use with expansion bolts.  
L形支脚可将型材紧固于地面上，使用膨胀螺栓置于地下更能提高稳定性。  
Material: diecast aluminum, black electrophoresis  
材 质: 压铸铝合金 表面处理: 黑色电泳



**Connecting Element**  
连接组件

To connect protective fences with strut element.  
用于防护单元与立柱单元的连接。  
Material: Die cast zinc  
材 质: 压铸锌

Model 型号	Name 名称	L (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
TS-GDZZ-4080	Base Plate-4080 隔断支脚-4080	126	40	20	60	40	80
TS-GDZZ-4560	Base Plate-4560 隔断支脚-4560	111		22.5	30	45	60
TS-GDZZ-4590	Base Plate-4590 隔断支脚-4590	141	45	22.5	67.5	45	90





AI Removable Hinge  
插拔合页

Material and Color: aluminum alloy, nature anodized.  
Material and surface treatment: cast steel, black electrophoresis  
材 质: 铝合金 表面处理: 光亮氧化

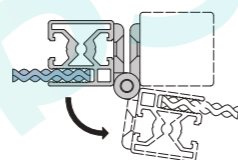
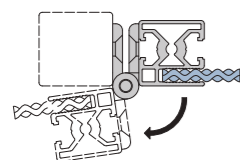
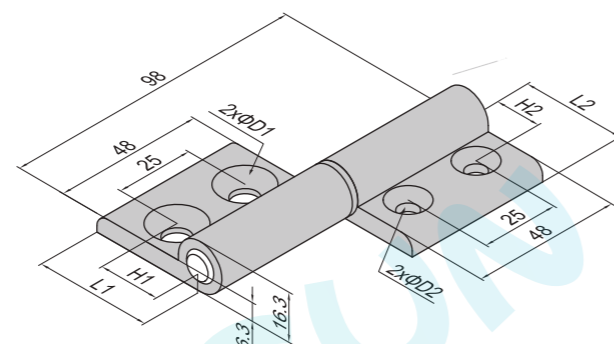
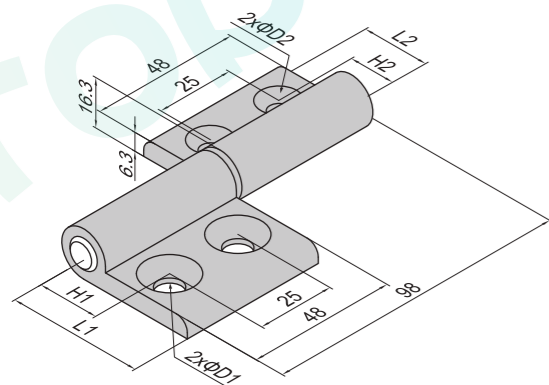


L-Type Lock Door  
L型平开门锁

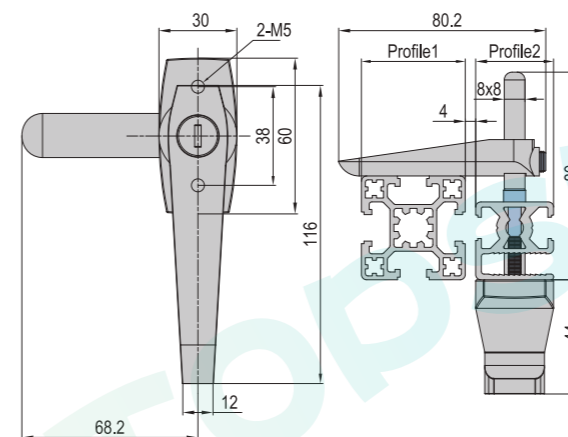
Material and Color: zinc alloy, polish finish  
材 质: 锌合金 表面处理: 光面

AI Removable Hinge-L  
插拔合页-左开

AI Removable Hinge-R  
插拔合页-右开



Model 型号	Name 名称	H1 (mm)	H2 (mm)	L1 (mm)	L2 (mm)	D1 (mm)	D2 (mm)
TS-HW-HY-3040	Protective net Hinge-3040 护网合页-3040	20	20	28	38	6.5	8.5
TS-HW-HY-4545	Protective net Hinge-4545 护网合页-4545	22.5	22.5	38	38	8.5	8.5
TS-HW-HY-3040	Cover Hinge-30/40 护罩合页-30/40	20	15	38	28	8.5	6.5
TS-HW-HY-4045	Cover Hinge-40/45 护罩合页-40/45	22.5	20	38	38	8.5	8.5



Model 型号	Name 名称	Profile 1 型材 1	Profile 2 型材 2
TS-L-MS-30	L-Type Lock Door-30 L型门锁-30	40x40L	30x30
TS-L-MS-40	L-Type Lock Door-40 L型门锁-40	45x45L	40x40



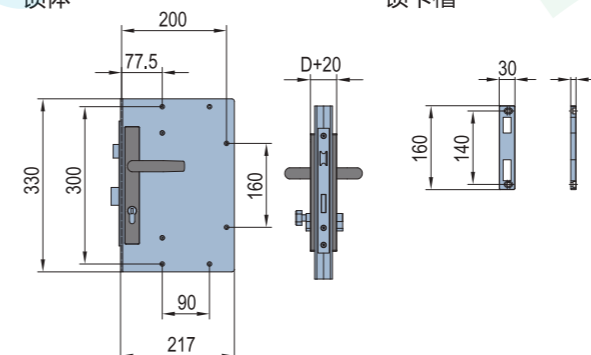
Parallel Lock Door  
平行门锁

Material and Color: Lock Body: stainless steel  
Lock Slot: aluminum alloy

材 质: 锁体-不锈钢 锁卡槽: 铝合金

Lock Body  
锁体

Lock Slot  
锁卡槽



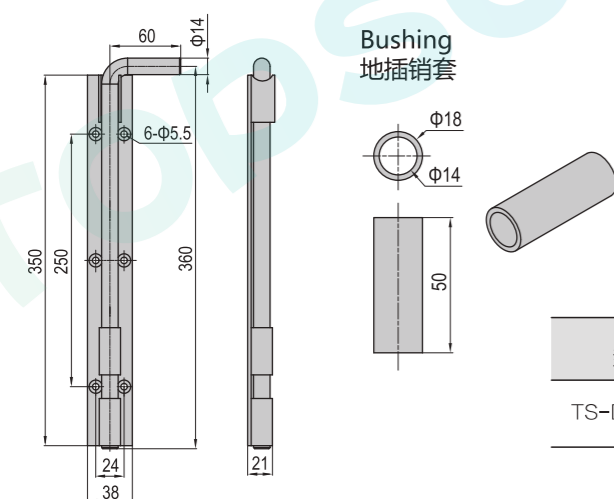
Model 型号	Name 名称	D (mm)
TS-P-MS-30	Parallel Lock Door-30 平行门锁-30	30
TS-P-MS-40	Parallel Lock Door-40 平行门锁-40	40



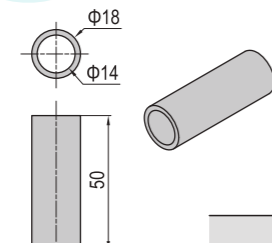
**Ground Latch**  
地插销

Ground Latch is used to lock the door on the ground and make the door not opened optionally.  
地插销用于将门固定在地上，使门不会随意开关。

Material: zinc plated steel  
材 质: 碳钢镀锌



**Bushing**  
地插销套



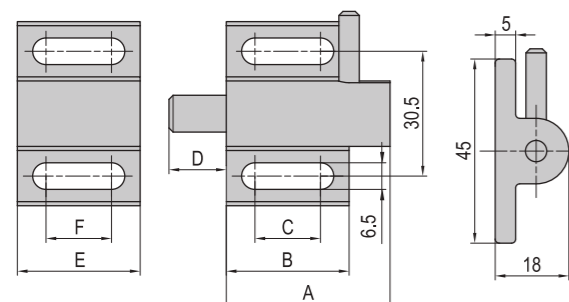
Model 型号	Name 名称
TS-DCX-40	Ground Latch-40 地插销-40



**Door Latch**  
门插销

Door Latch is used to fix and lock the door to make sure the door cannot opened optionally.  
门插销用于将门固定，使门不会随意开关。

Material: Door Latch: aluminum Latch Rod: stainless steel  
材 质: 插销座-铝合金 插销杆-不锈钢

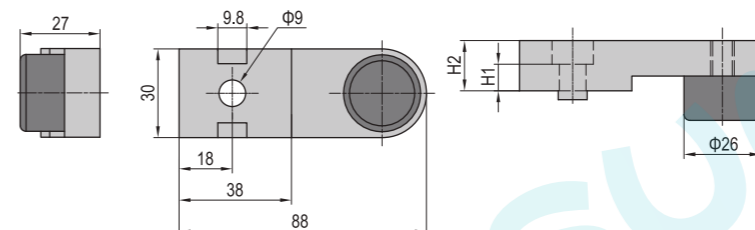


Model 型号	Name 名称	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
TS-MCX-30	Door Latch-30 门插销-30	40	30	16	14	30	16
TS-MCX-40	Door Latch-40 门插销-40	50	40	26	17	40	26



**Buffer Block for Swing Door**  
平开门缓冲块

Material: aluminum alloy  
材 质: 铝合金



Model 型号	Name 名称	H1 (mm)	H2 (mm)
TS-PXM-30	Buffer Block for Swing Door-30 平开门缓冲块-30	9	17
TS-PXM-40	Buffer Block for Swing Door-40 平开门缓冲块-40	14	22

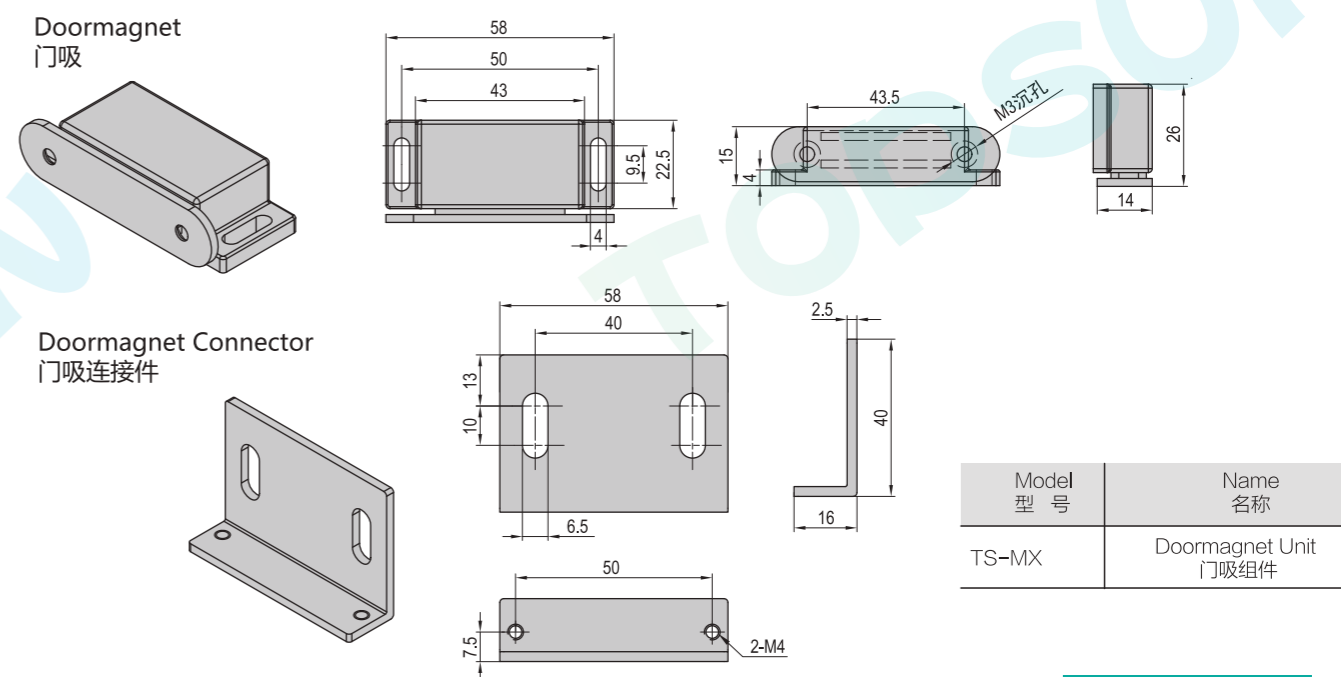


**Doormagnet Unit**  
门吸组件

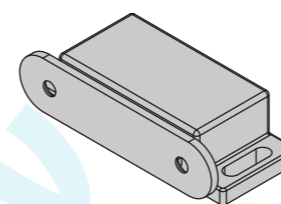
Doormagnet unit has the function of absorption and fixation which cannot make the door opened optionally.  
门吸组件在门关闭时起固定功能，并有吸附作用，使门不会随意开关。

Material: Doormagnet-metal  
Doormagnet connector-zinc plated steel

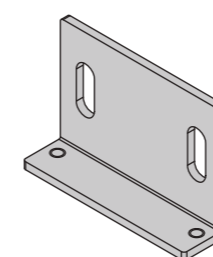
材 质: 门吸-金属 门吸连接件-碳钢镀锌



**Doormagnet**  
门吸



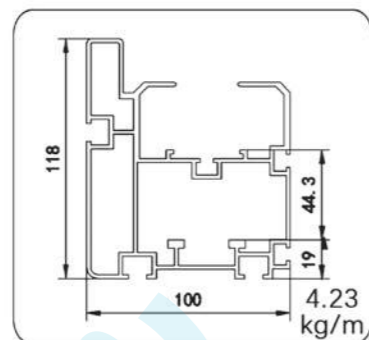
**Doormagnet Connector**  
门吸连接件



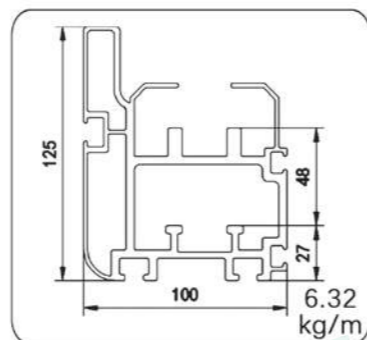
Model 型号	Name 名称
TS-MX	Doormagnet Unit 门吸组件



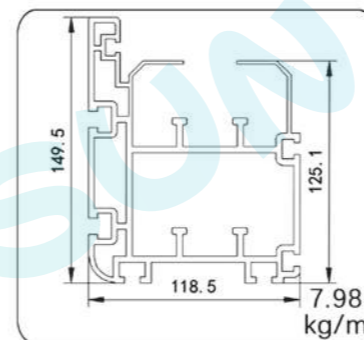
TSBSL-0001



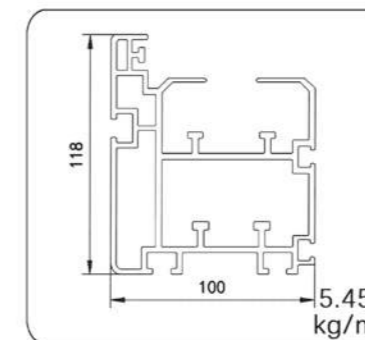
TSBSL-0002



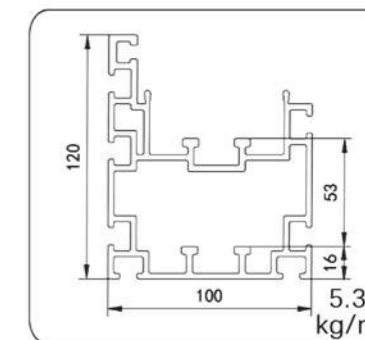
TSBSL-0003



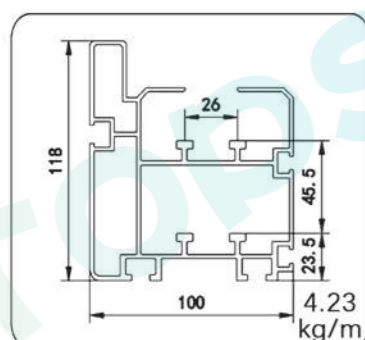
TSBSL-0013



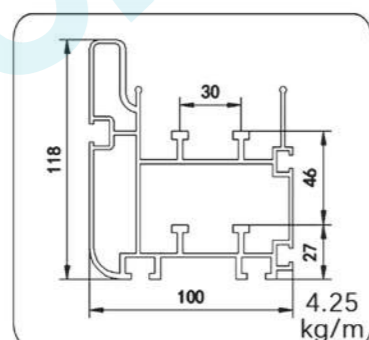
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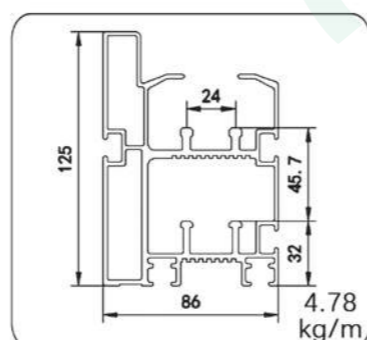
TSBSL-0015



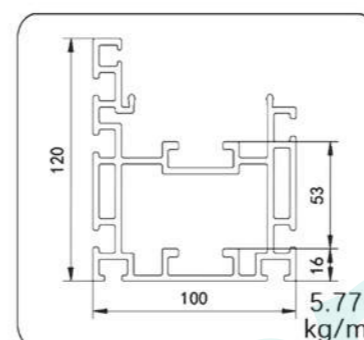
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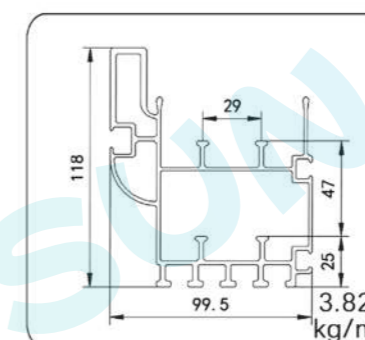
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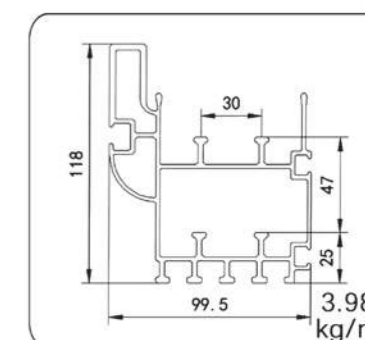
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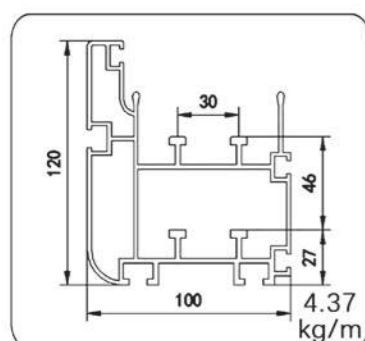
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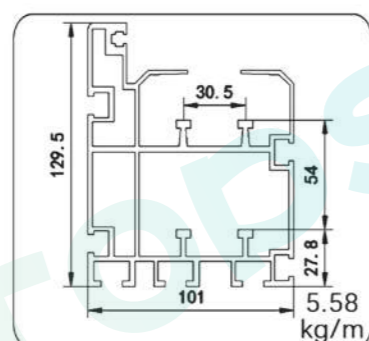
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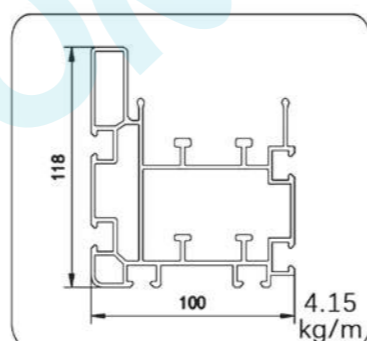
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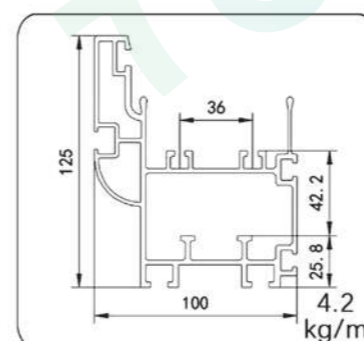
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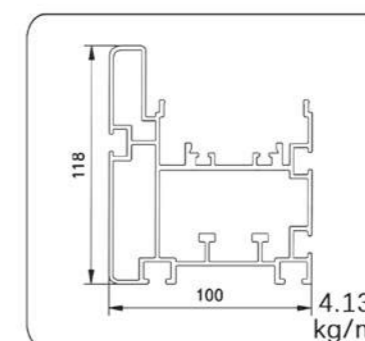
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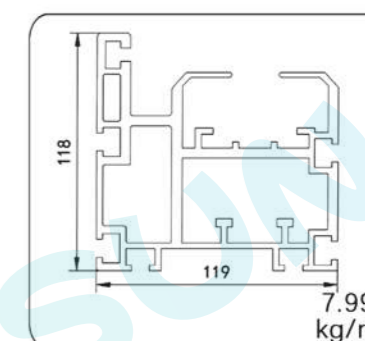
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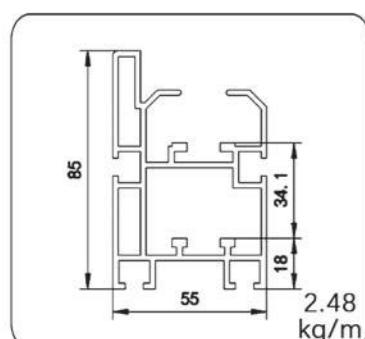
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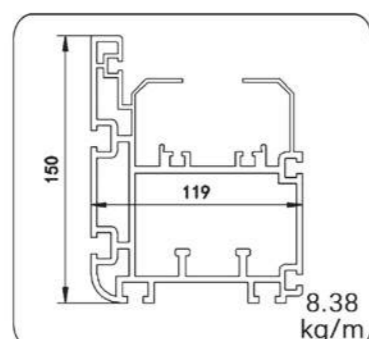
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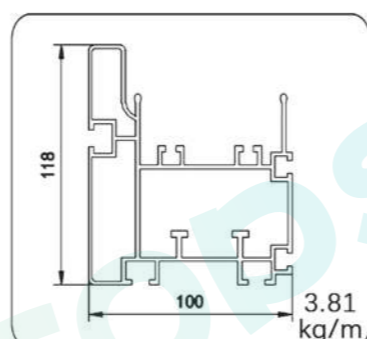
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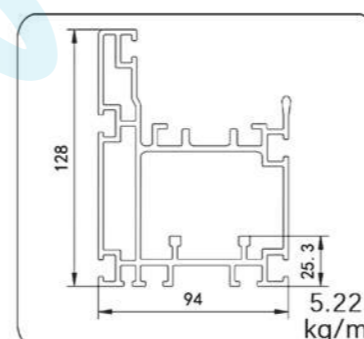
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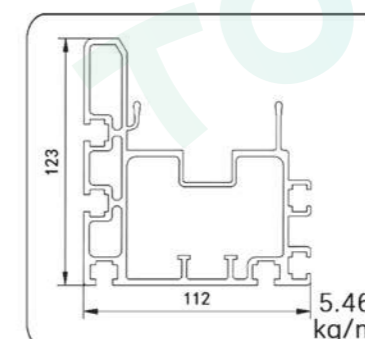
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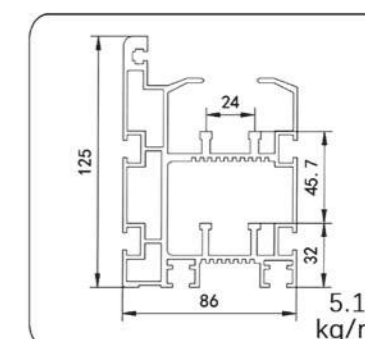
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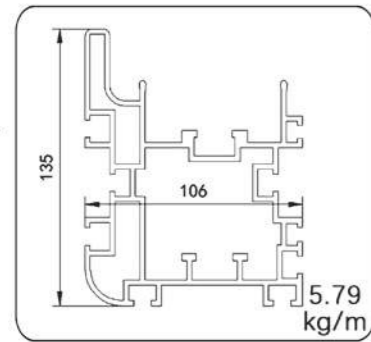
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TSBSL-0023

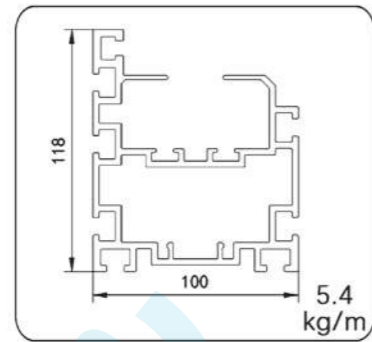


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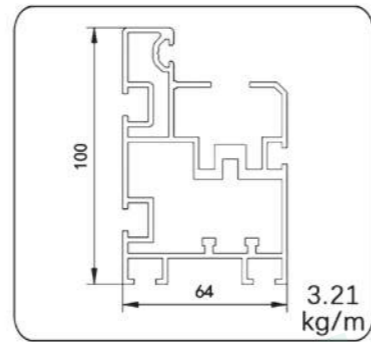
TSBSL-0025

5.79 kg/m



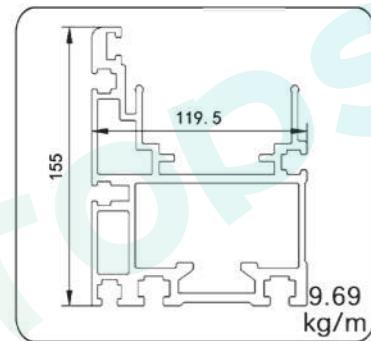
TSBSL-0026

5.4 kg/m



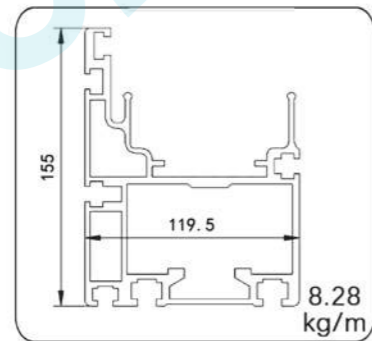
TSBSL-0027

3.21 kg/m



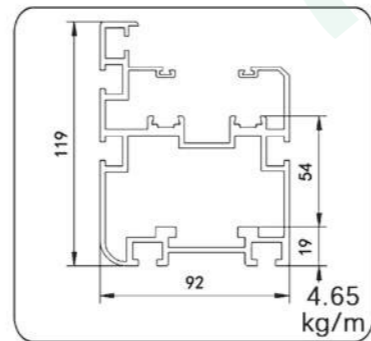
TSBSL-0028

9.69 kg/m



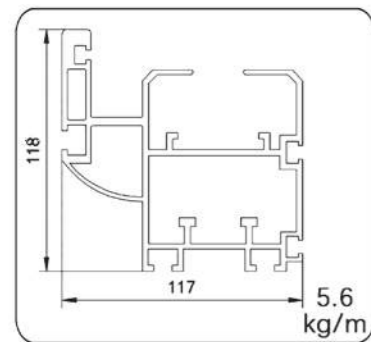
TSBSL-0029

8.28 kg/m



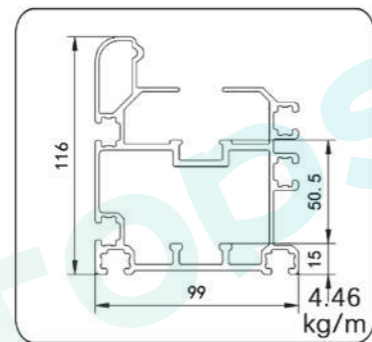
TSBSL-0030

4.65 kg/m



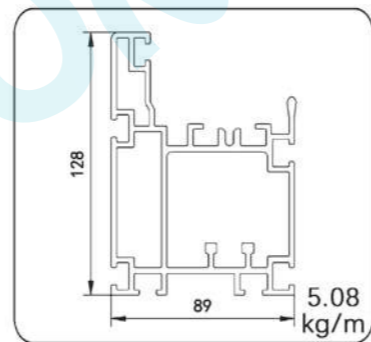
TSBSL-0031

5.6 kg/m



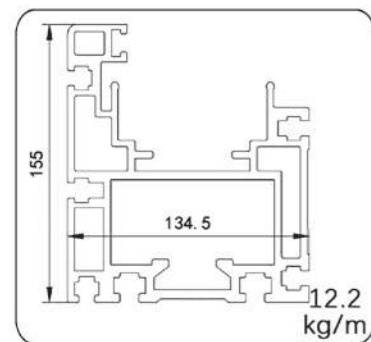
TSBSL-0032

4.46 kg/m



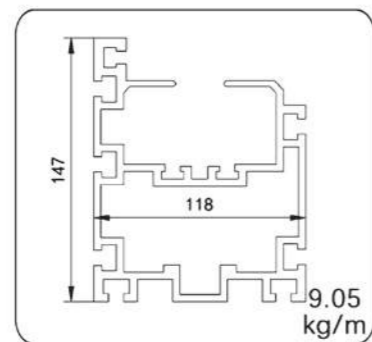
TSBSL-0033

5.08 kg/m



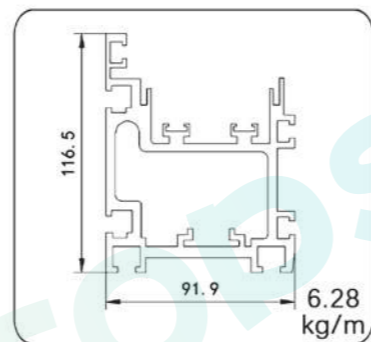
TSBSL-0034

12.2 kg/m



TSBSL-0035

9.05 kg/m



TSBSL-0036

6.28 kg/m

Technical Data  
技术资料

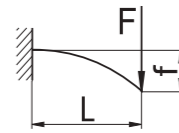
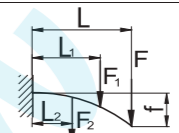
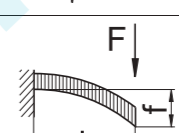
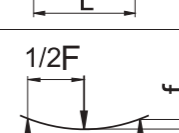
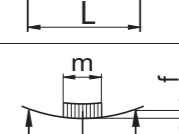
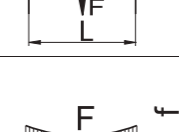
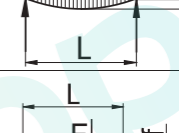
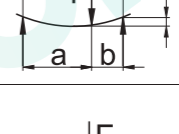
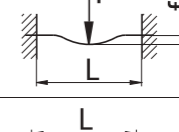
Extruded aluminum profile as per GB5237-2008, surface satin anodized,  
Standard length of delivery profiles are : 6000mm for delivery inside china, 5800mm for international shipment.  
铝型材执行标准GB5237-2008。表面处理为阳极氧化，亚光表面。

Tensile Strength /抗拉强度: min.260N/mm<sup>2</sup>  
Yield Strength /屈服强度: min.240N/mm<sup>2</sup>  
Elongation /伸长率: 8%(T≤3.2mm) or 10%(T>3.2~25.0mm)  
E-Module /弹性模量: approx.70,000N/mm<sup>2</sup>  
Brinell Hardness /布氏硬度: HB 75 2.5/187.5  
Coat Thickness /氧化膜厚度: ≥11μ

Bending Strength  
变形量计算

For deflection calculation, refer to formulas as below:  
公式中涉及到的变量:

f (mm): Deflection /变形量  
F (N): Type of load /载荷  
L (mm): Profile length /型材长度  
I (cm<sup>4</sup>): Moment of inertia /惯性矩  
E (N/mm<sup>2</sup>): Modular of elasticity /弹性模量

1		$f = \frac{F \cdot L^3}{3E \cdot I \cdot 10^4}$
2		$f = \frac{F \cdot L^3 + F_1 \cdot L_1^2 \cdot L + F_2 \cdot L_2^2 \cdot L}{3E \cdot I \cdot 10^4}$
3		$f = \frac{F \cdot L^3}{8E \cdot I \cdot 10^4}$
4		$f = \frac{F \cdot L^3}{48E \cdot I \cdot 10^4}$
5		$f = \frac{F \cdot L^3}{\left(48 + \frac{29m}{L}\right) \cdot E \cdot I \cdot 10^4}$
6		$f = \frac{5F \cdot L^3}{384E \cdot I \cdot 10^4}$
7		$f = \frac{F \cdot a^2 \cdot b^2}{3E \cdot I \cdot 10^4 \cdot L}$
8		$f = \frac{F \cdot L^3}{192E \cdot I \cdot 10^4}$
9		$f = \frac{F \cdot L^3}{384E \cdot I \cdot 10^4}$

Approximate determination of deflection  
变形量速查表

Determinations of deflection:

变形量决定因素:

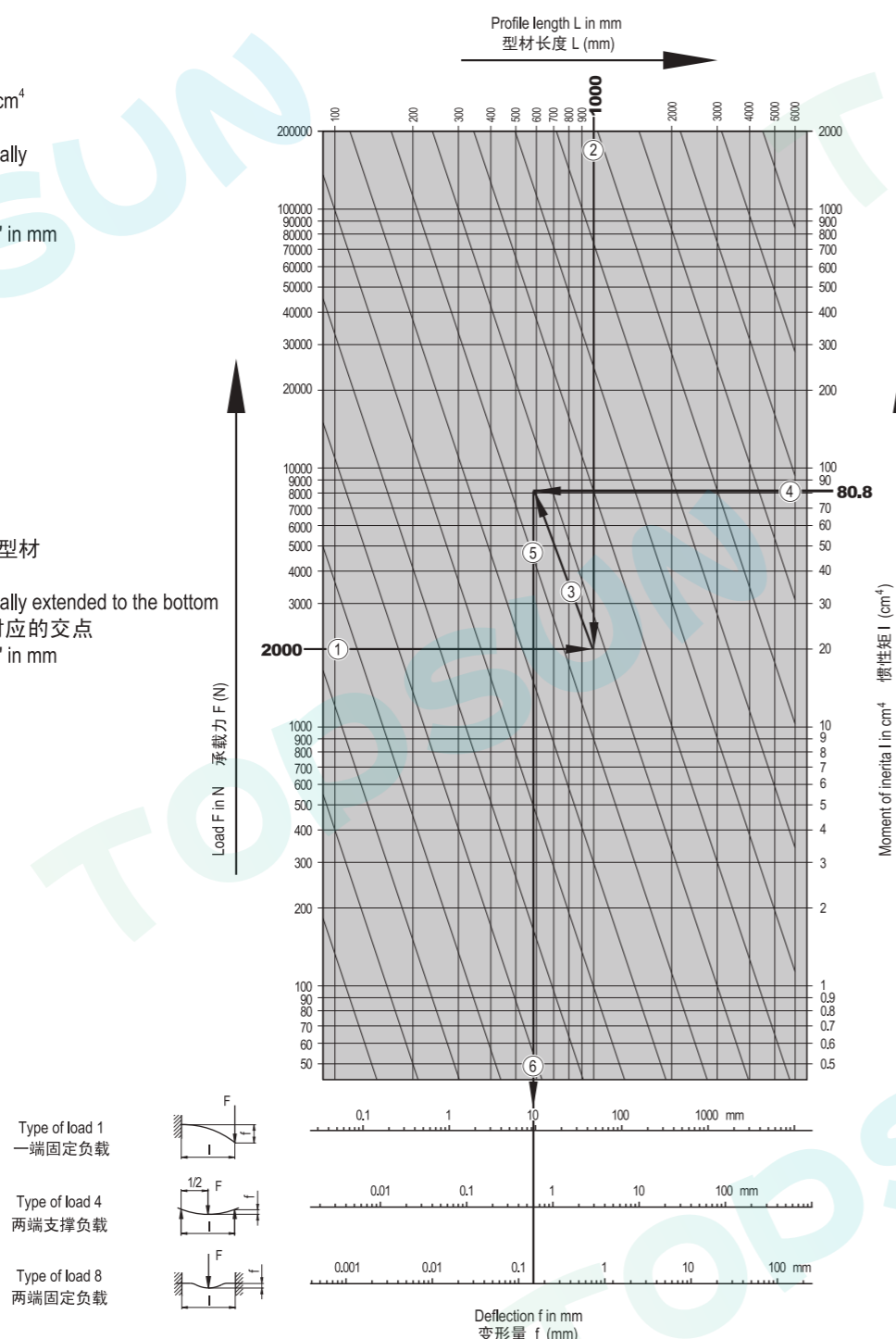
1. Type of load F in N  
承载力 F(N)
2. Profile length L in mm  
型材长度 L(mm)
3. Move cross point on the diagonal  
承载力与型材长度的交点
4. Moment of inertia of selected profile I in cm<sup>4</sup>  
所选型材惯性矩(cm<sup>4</sup>)
5. Cross point with the diagonal to be vertically extended to the bottom  
从交点垂直延伸到底部的直线
6. Deflection f for the specific "Type of load" in mm  
不同承受方式的变形量 f(mm)

Example:

示例:

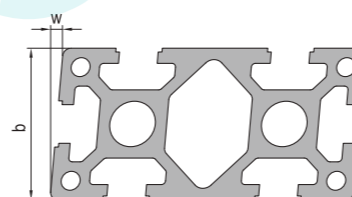
1. F=2,000N
2. L=1,000mm
3. Move cross point on the diagonal  
①与②的交点
4. I=80.8cm<sup>4</sup> for profile 40x80.  
(1.11.40.040080.06H)  
I=80.8cm<sup>4</sup>选择惯性矩为80.8的40x80型材  
(1.11.40.040080.06H)
5. Cross point with the diagonal to be vertically extended to the bottom  
从点③沿斜线向上与④的延伸线对应的交点
6. Deflection f for the specific "Type of load" in mm  
不同承重方式的变形量 f(mm)

- Type of load 1: f=9.5mm  
一端固定负载: f=9.5mm  
Type of load 4: f=0.6mm  
两端支撑负载: f=0.6mm  
Type of load 8: f=0.15mm  
两端固定负载: f=0.15mm



Tolerance Explanation  
公差说明

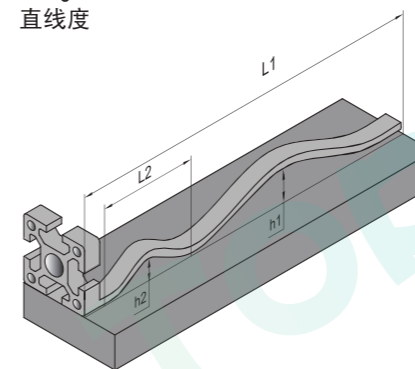
Parallelism tolerance  
平面度



The parallelism tolerance w (angular tolerance) refers to unequal sides to the shorter side of the angle, i.e. it is measured from the longer side.  
平面度公差w (角度公差)是指变形一边到型材短边的距离, 从长边处测量。

b(mm)	w(mm)
≤40	0.3
>40~80	0.5
>80~180	1.0

Straightness tolerance  
直线度

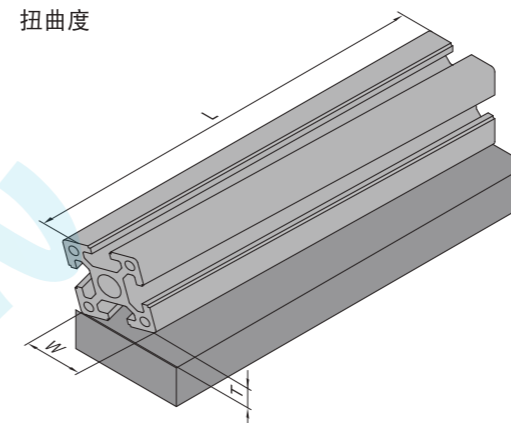


The length L2 of the profile in horizontal position and any position is 300mm, The maximum height of twist h2 is not more than 0.3mm(L2=300mm,h2≤0.3mm).The twist height h1 of the full length profile L1 refer to the following form:

型材水平放置, 任意位置的长度L2=300mm, 其弯曲变形高度h2的最大值不超过0.3mm (L2=300mm, h2≤0.3mm)。型材全长L1的弯曲变形高度h1参照下表:

L1(m)	1	2	3	4	5	6
h1(mm)	0.7	1.4	2.1	2.8	3.5	4.2

Twist tolerance  
扭曲度



Putting the profile on a horizontal surface, if the end tilts due to twist, the twist height (T) could be calculated according to the below formula:

型材水平放置, 若因扭曲造成端面翘起, 扭曲的高度(T)可根据以下公式计算。

W(mm)	T(mm)	
	L≤1m	L>1m
≤40	0.052xW	0.123xW
>40~80	0.026xW	0.087xW
80~180	0.017xW	0.052xW