



## Catalogue Ver.4



## ALUMINUM PROFILE 20X20 RTR-6-2020-3000

Size: 20×20  
Weight: ≈0.55kg/m

Material: 6063-T5 Aluminium

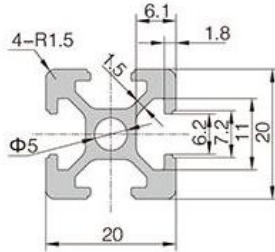
Surface treatment: silver anodizing

Mass of Inertia:

Ix: 0.72cm<sup>4</sup> Iy: 0.72cm<sup>4</sup>

Section Modulus:

Zx: 0.72cm<sup>3</sup> Zy: 0.72cm<sup>3</sup>



## ALUMINUM PROFILE 20X40 RTR-6-2040-3000

Size: 20×40  
Weight: ≈0.9kg/m

Material: 6063-T5 Aluminium

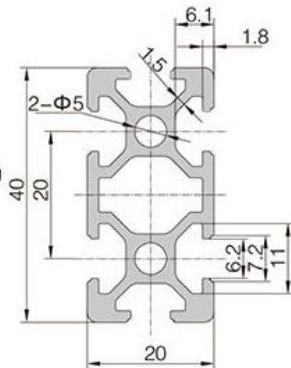
Surface treatment: silver anodizing

Mass of Inertia:

Ix: 0.72cm<sup>4</sup> Iy: 0.72cm<sup>4</sup>

Section Modulus:

Zx: 0.72cm<sup>3</sup> Zy: 0.72cm<sup>3</sup>

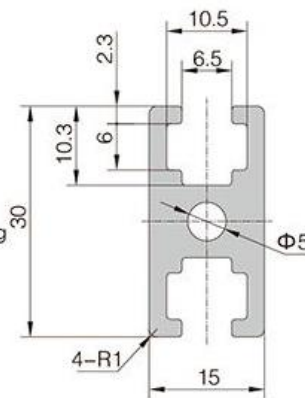


## ALUMINUM PROFILE 15X30 RTR-6-1530-3000

Size: 15×30  
Weight: ≈0.75kg/m

Material: 6063-T5 Aluminium

Surface treatment: silver anodizing

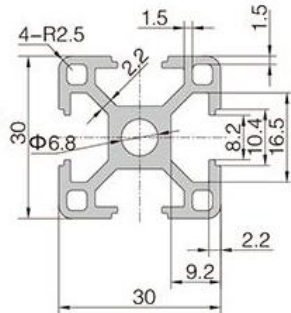


## ALUMINUM PROFILE 30X30

### RTR-8-3030-3000

Size: 30×30  
Weight: ≈0.87kg/m  
6063-T5  
Material:6063-T5 Aluminium  
Surface treatment:silver anodizing

Mass of Inertia:  
Ix: 2.85cm<sup>4</sup> Iy: 2.85cm<sup>4</sup>  
Section Modulus:  
Zx: 1.8cm<sup>3</sup> Zy: 1.8cm<sup>3</sup>

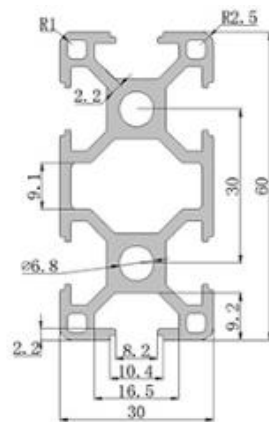


## ALUMINUM PROFILE 30X60

### RTR-8-3060-3000

Size:30×60  
Weight:≈1.8kg/m  
6063-T5  
Material:6063-T5 Aluminium  
Surface treatment:silver anodizing

Mass of Inertia:  
Lx:19.8cm<sup>4</sup> Ly:5.15cm<sup>4</sup>  
Section Modulus:  
Zx:6.60cm<sup>3</sup> Zy:3.30cm<sup>3</sup>

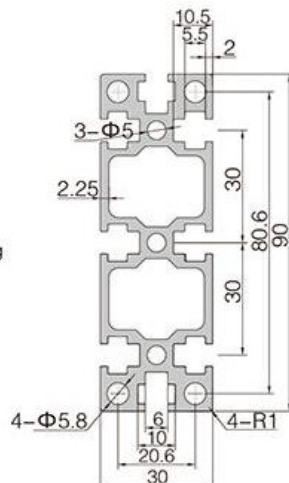


## ALUMINUM PROFILE 30X90

### RTR-8-3090-3000

Size: 30×90  
Weight: ≈2.85kg/m  
Material:6063-T5 Aluminium  
Surface treatment:silver anodizing

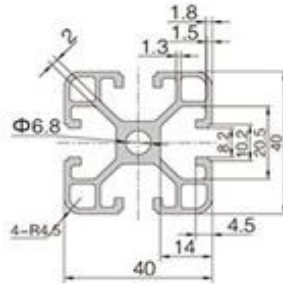
Mass of Inertia:  
Ix: 19.8cm<sup>4</sup> Iy: 5.15cm<sup>4</sup>  
Section Modulus:  
Zx: 6.60cm<sup>3</sup> Zy: 3.30cm<sup>3</sup>



## ALUMINUM PROFILE 40X40 RTR-8-4040-3000

Size: 40 x 40  
 Weight:  $\approx 1.35\text{kg/m}$   
 6063-T5  
 Material: 6063-T5 Aluminium  
 Surface treatment: silver anodizing

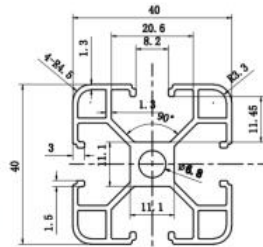
Mass of Inertia:  
 Ix:  $9.25\text{cm}^4$  Iy:  $9.25\text{cm}^4$   
 Section Modulus:  
 Zx:  $4.86\text{cm}^3$  Zy:  $4.86\text{cm}^3$



## ALUMINUM PROFILE 40X40 MEDIUM RTR-8-4040M-3000

Size: 40 x 40  
 Weight:  $\approx 1.20\text{kg/m}$   
 Material: 6063-T5 Aluminium  
 Surface treatment: silver anodizing

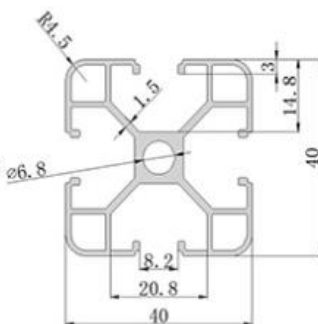
Mass of Inertia: Ix:  $9.25\text{cm}^4$  Iy:  $9.25\text{cm}^4$   
 Section Modulus: Zx:  $4.86\text{cm}^3$  Zy:  $4.86\text{cm}^3$



## ALUMINUM PROFILE 40X40 LIGHT RTR-8-4040L-3000

Size: 40 x 40  
 Weight:  $\approx 1.0\text{kg/m}$   
 6063-T5  
 Material: 6063-T5 Aluminium  
 Surface treatment: silver anodizing

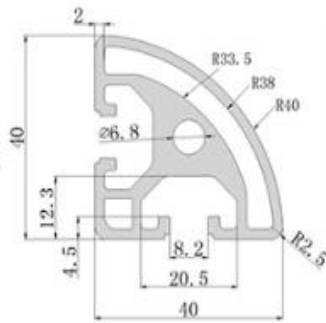
Mass of Inertia:  
 Ix:  $7.30\text{cm}^4$  Iy:  $7.30\text{cm}^4$   
 Section Modulus:  
 Zx:  $4.25\text{cm}^3$  Zy:  $4.25\text{cm}^3$



## ALUMINUM PROFILE 40X40 HALF ROUND RTR-8-4040R-3000

Size: 40 × 40  
 Weight: ≈ 1.65kg/m  
 6063-T5  
 Material: 6063-T5 Aluminium  
 Surface treatment: silver anodizing

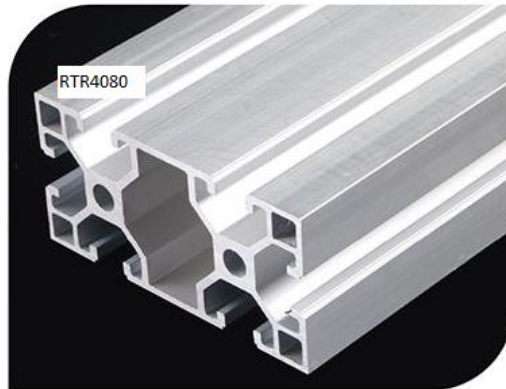
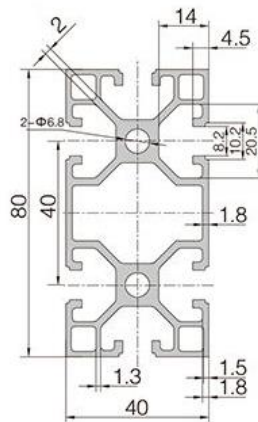
Mass of Inertia:  
 Lx: 6.15cm<sup>4</sup> Ly: 6.15cm<sup>4</sup>  
 Section Modulus:  
 Zx: 2.84cm<sup>3</sup> Zy: 2.84cm<sup>3</sup>



## ALUMINUM PROFILE 40X80 RTR-8-4080-3000

Size: 40 × 80  
 Weight: ≈ 2.55kg/m  
 6063-T5  
 Material: 6063-T5 Aluminium  
 Surface treatment: silver anodizing

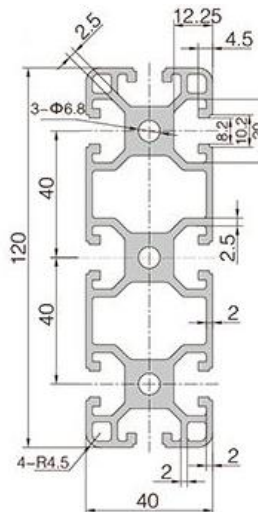
Mass of Inertia:  
 Ix: 48.6cm<sup>4</sup> Iy: 20.2cm<sup>4</sup>  
 Section Modulus:  
 Zx: 14.6cm<sup>3</sup> Zy: 7.3cm<sup>3</sup>



## ALUMINUM PROFILE 40X120 RTR-8-40120-3000

Size: 40 × 120  
 Weight: ≈ 5.05kg/m  
 Material: 6063-T5 Aluminium  
 Surface treatment: silver anodizing

Mass of Inertia:  
 Ix: 126.3cm<sup>4</sup> Iy: 25.6cm<sup>4</sup>  
 Section Modulus:  
 Zx: 32.4cm<sup>3</sup> Zy: 10.8cm<sup>3</sup>



## ALUMINUM PROFILE 40X160

### RTR-8-40160-3000

Size: 40 × 160

Weight: ≈ 6.9kg/m

Material: 6063-T5 Aluminium

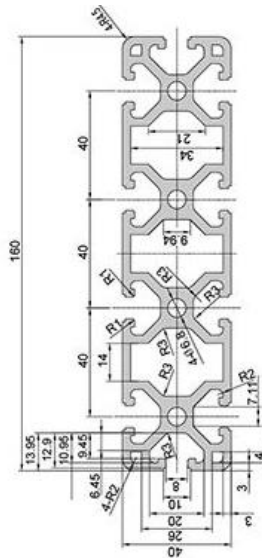
Surface treatment: silver anodizing

Mass of Inertia:

Ix: 74.80cm<sup>4</sup> Iy: 21.60cm<sup>4</sup>

Section Modulus:

Zx: 17.40cm<sup>3</sup> Zy: 8.70cm<sup>3</sup>



## ALUMINUM PROFILE 45X45

### RTR-10-4545-3000

Size: 45 × 45

Weight: ≈ 1.7kg/m

Material: 6063-T5 Aluminium

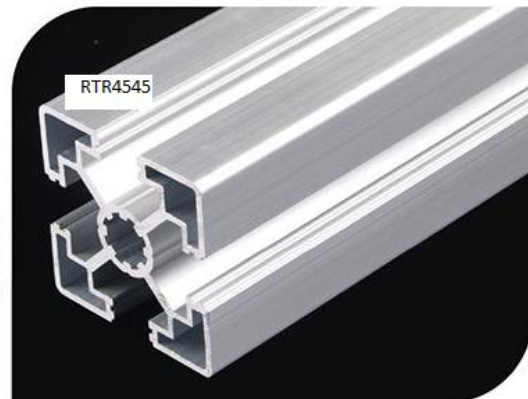
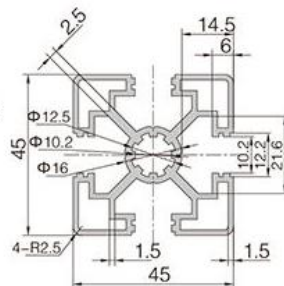
Surface treatment: silver anodizing

Mass of Inertia:

Ix: 13.68cm<sup>4</sup> Iy: 13.68cm<sup>4</sup>

Section Modulus:

Zx: 5.90cm<sup>3</sup> Zy: 5.90cm<sup>3</sup>



## ALUMINUM PROFILE 45X90

### RTR-10-4590-3000

Size: 45 × 90

Weight: ≈ 4.05kg/m

Material: 6063-T5 Aluminium

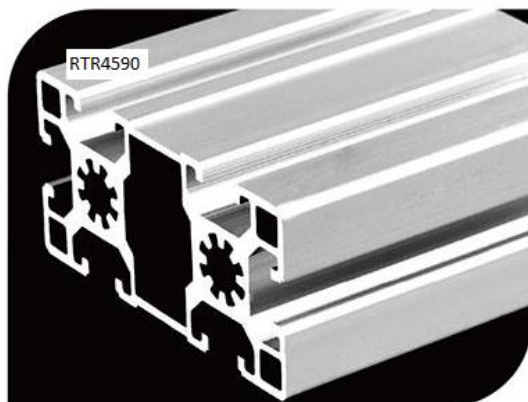
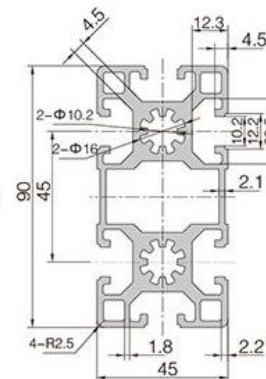
Surface treatment: silver anodizing

Mass of Inertia:

Ix: 103.15cm<sup>4</sup> Iy: 26.60cm<sup>4</sup>

Section Modulus:

Zx: 22.40cm<sup>3</sup> Zy: 11.20cm<sup>3</sup>

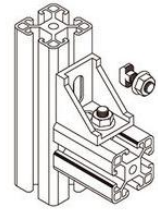
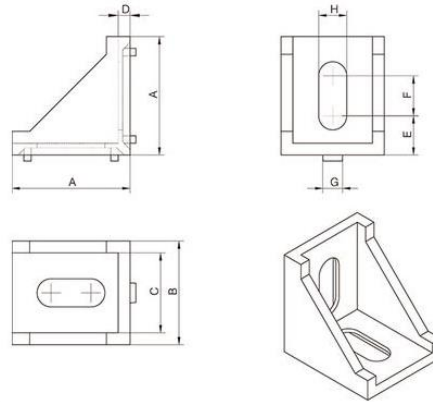






## ANGLE BRACKET RTR-BKT

Material: Al-Alloy



1	20	28	20	14	4	13	5	5.8	6
2	30	35	28	23	4.5	12	11.5	6	7
3	40	40	35	27	4.5	10.5	12.5	6.2	9
4	45	42	43	35	8	21.5	8.5	7	8

## SLIDING NUT RTR-SSNUT

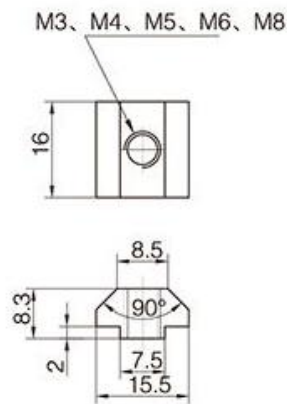
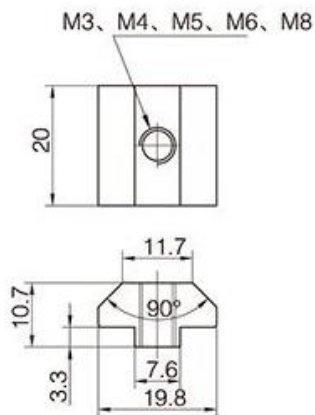
Material: Steel/Al-alloy

40

[ 8 ]

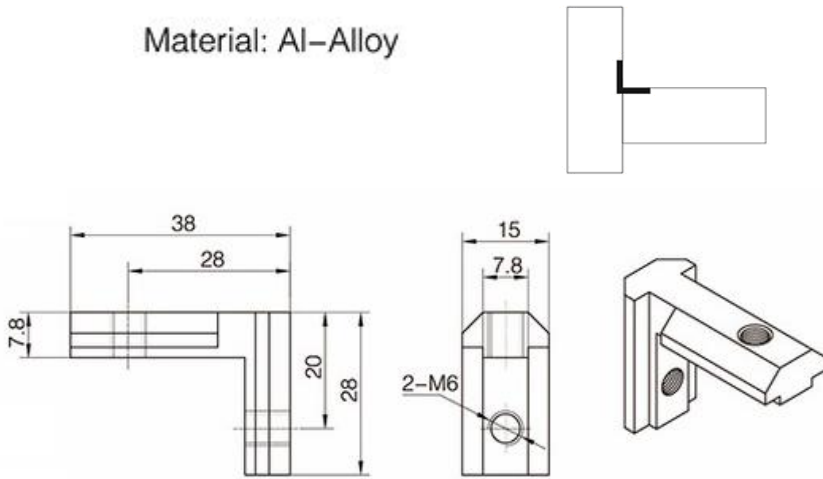
30

[ 8 ]



## INTERIOR BRACKET RTR-IBKT

Material: Al-Alloy

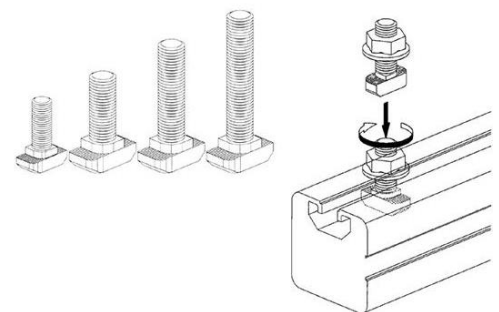
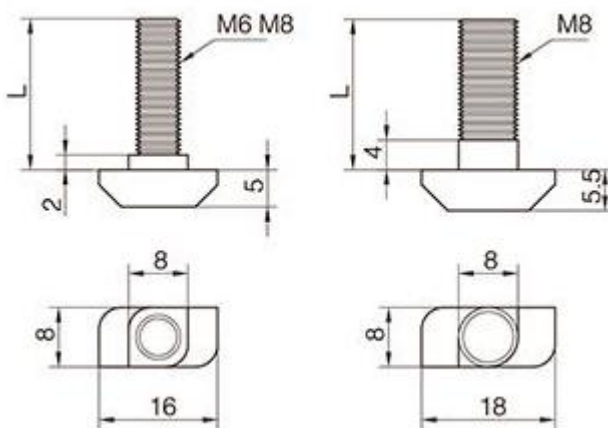


## T-BOLT (HAMMER HEAD BOLT) RTR-TBOLT

Material: Zinc or Chromium-plated Steel

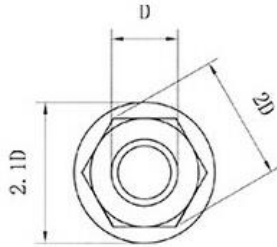
**30**

**40**

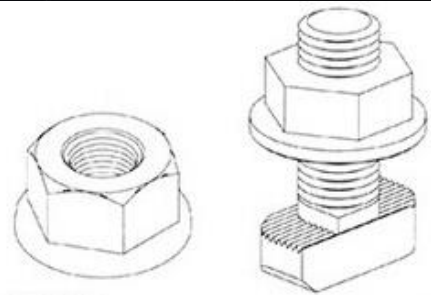


## FLANGE NUT RTR-FNUT

Material: Zinc or Chromium-plated Steel

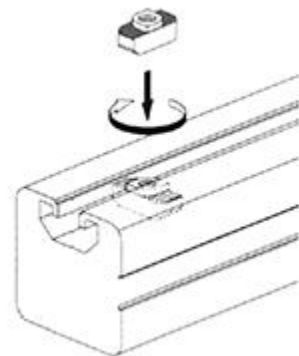
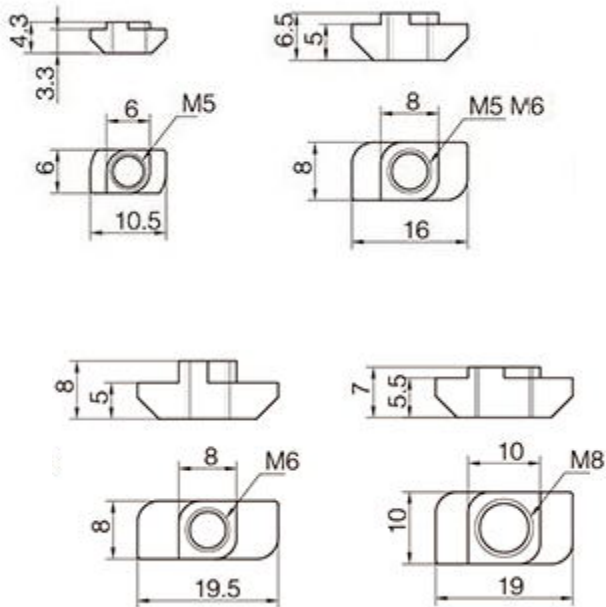


	D	2D	2.1D
M6	M6	12	12.6
M8	M8	16	16.8



## HAMMER HEAD NUT RTR-HHNUT

Material: S45C Zinc Coated Steel



## JOINT BOLT RTR-JB



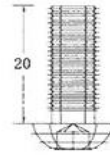
Joint Bolt

[ 6 ]

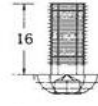
M6 × 16–6

[ 8 ]

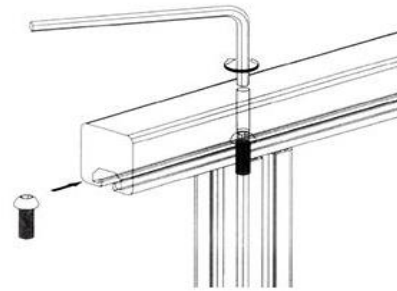
M8 × 20–8



M8

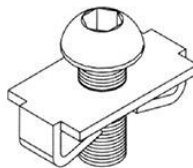


M6

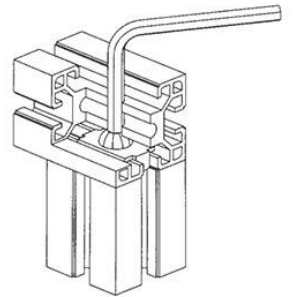
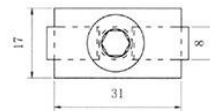
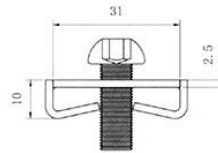


Joint Bolt

## SPRING FASTENER RTR-SF



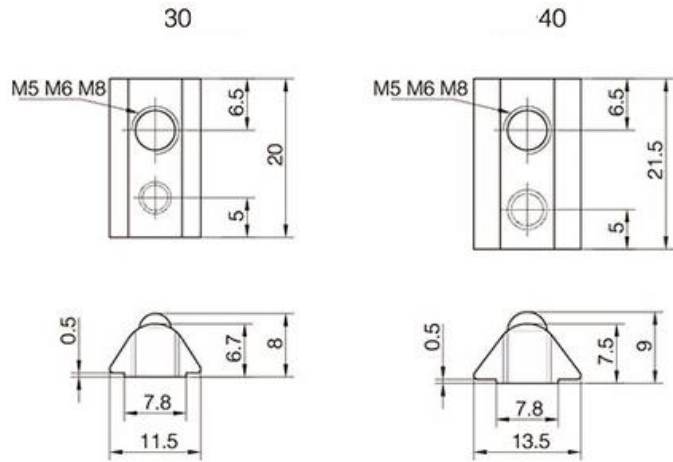
RTR-SF30  
RTR-SF40



**HALF ROUND NUT**  
**RTR-HRNUT**

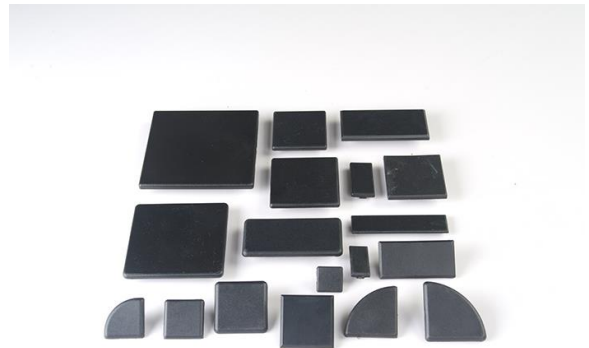
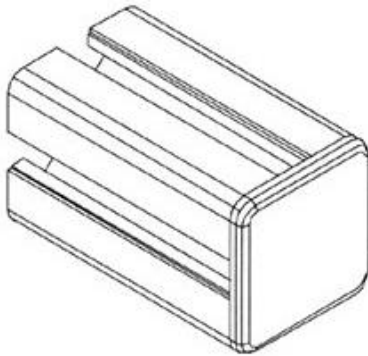


**RTR-HRNUT6-8-30**  
**RTR-HRNUT8-8-40**

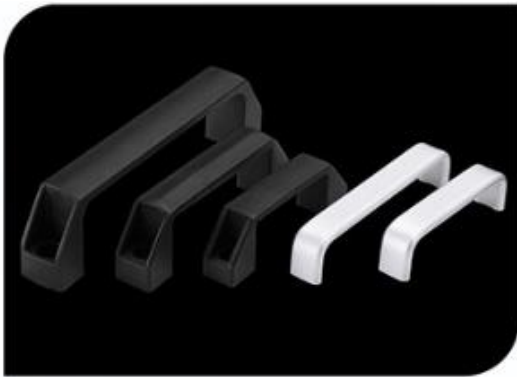


**END CAP**  
**RTR-ECAP**

Material: Nylon  
Color: Black



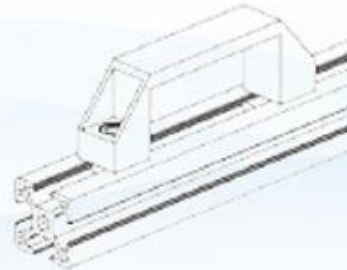
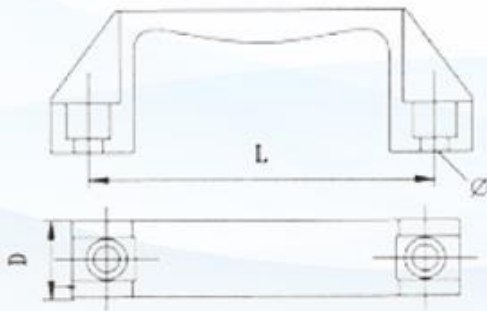
## HANDLE RTR-DH



### Handle

Material: PVC & Al-Alloy

L	D	∅
88	19	6.5
116	26	6.5



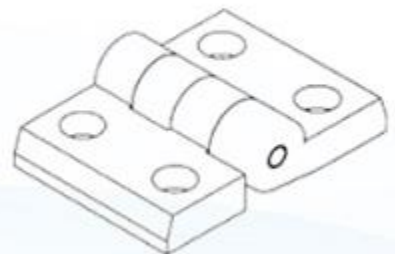
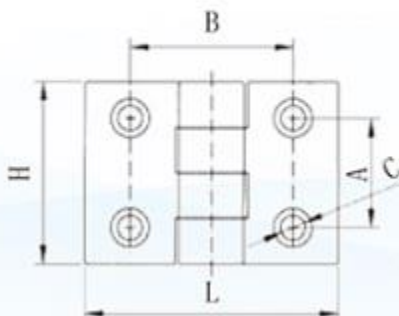
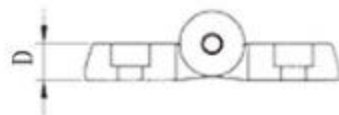
## HINGE RTR-DH



### Hinge

Material: Nylon

	A	B	C	D	L	H
3040-8	23.5	35	6.5	8	59	45
4040-8	30	40	6.5	10	61	49.5

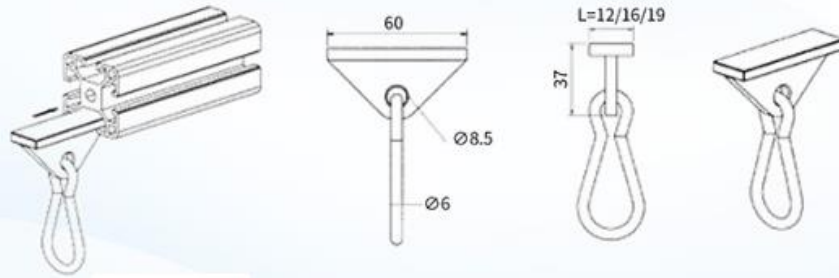


## SLIDE & HOOK RTR-SNH8



### Slide & Hook

Material: Hook-304SS  
or Zinc plated Steel  
Slider: Al-Alloy

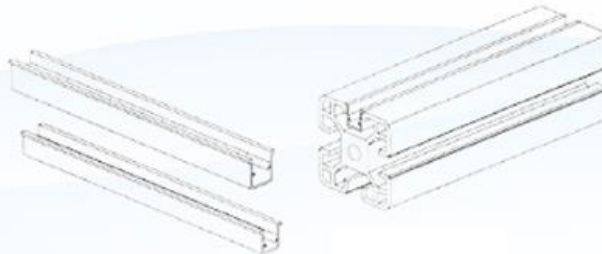
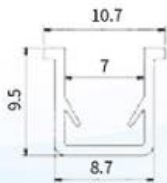


## U-STRIP RTR-USTRIP



Material: PVC

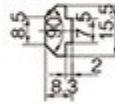
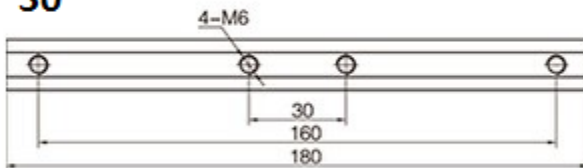
Color: Black



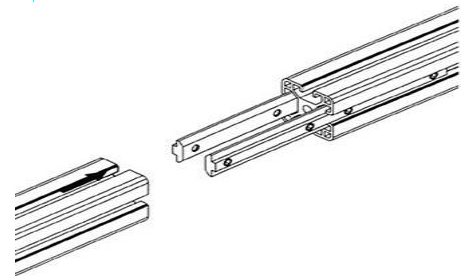
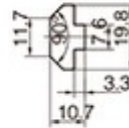
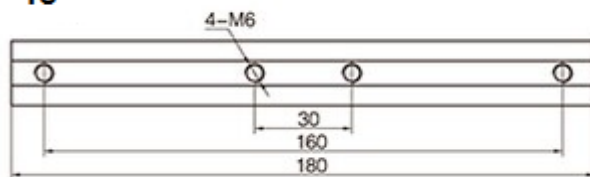
## CONNECTOR LINK RTR-CLINK

Material: Al-Alloy

30



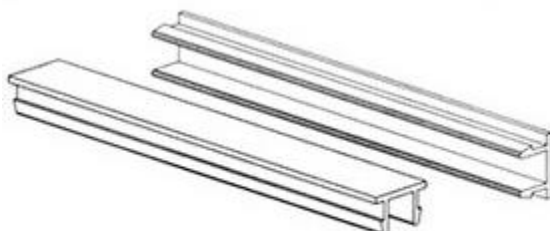
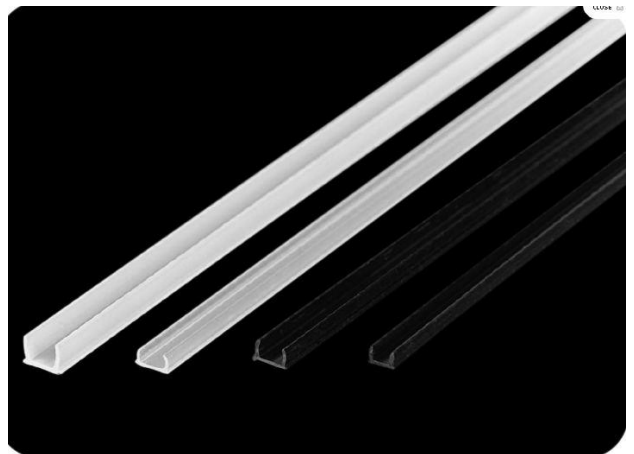
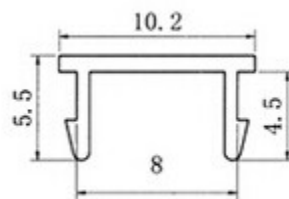
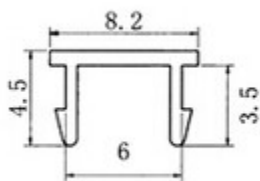
40



## COVER STIP RTR-CSTIP

Material: PVC

Color: Black



# QUALITY



# WITH



# ECONOMY



**Stark Motion Technologies**

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Email: [anurag.gupta@starkmt.co.in](mailto:anurag.gupta@starkmt.co.in), [info@starkmt.co.in](mailto:info@starkmt.co.in)