

## 20 Series T-Slot Aluminium Extrusion Profile

*haluminium*

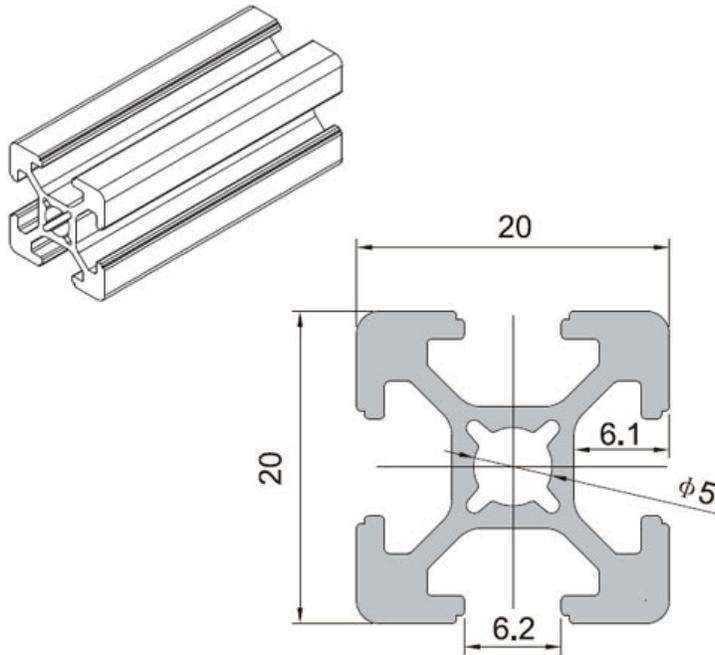
4-5 minutes

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20 Series T-Slot Aluminium Extrusion

Profile [haluminium](#) 2018-08-29T07:40:46+00:00

**20 Series T-slot Aluminium Extrusion covers 20×20, 20×20RQ, 20×40, 20×60 and 20×80 aluminium profiles.**





## 20\*20 Aluminium Extrusion T-Slot Profile

### Specification:

**Code:** S6-20×20

**Slot Width:** 6.2 mm

**Weight:** 0.50 kg/m

**Mass of Inertia:**  $I_x: 0.72 \text{ cm}^4$   $I_y: 0.72 \text{ cm}^4$

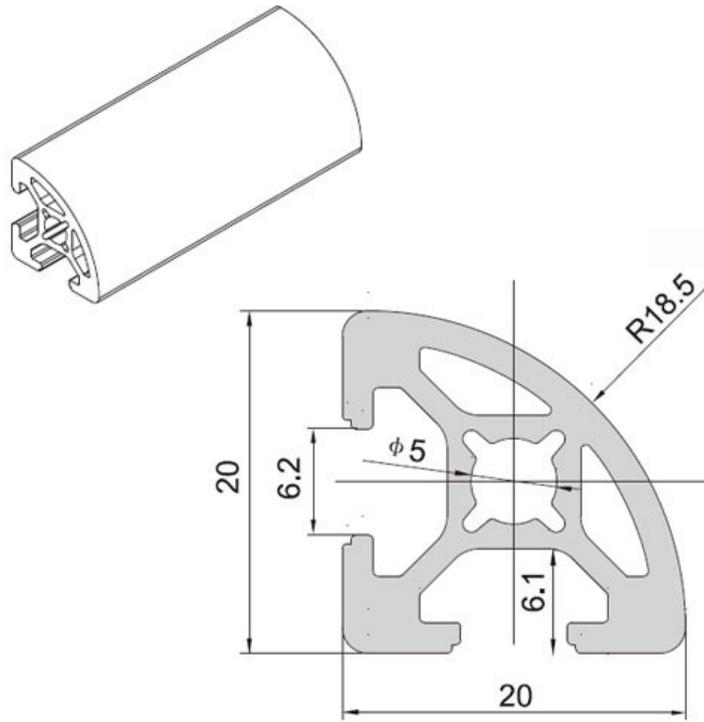
**Section Modulus:**  $z_x: 0.72 \text{ cm}^3$   $z_y: 0.72 \text{ cm}^3$

### Summary:

**Order No:** HY-S6-2020, **T-slot height:** 6.1 mm, **Section size:** 20 mm × 20 mm, **Hole:**  $\phi 5$  mm, **Thickness of diagonal bar:** 1.5 mm.

2020 profile usually applies to assembling the variety of light-weight structural framework, such as [instrument rack](#), [display board](#), engine cover etc. in the machinery industry. Simple and generous appearance is welcomed proverbially.

It often matches with M6 bolt (L=16 mm) of hexagon socket head and T-nut. If it needs to bear high strength, please use M6 bolt to connect with the sliding nut so that the framework much stronger and reliable. All 20 series T-slot aluminium extrusion profile can freely connect with each other.



## 20\*20RQ Aluminium Extrusion T-Slot Profile

### Specification:

**Code:** S6-20×20RQ

**Slot Width:** 6.2 mm

**Weight:** 0.50 kg/m

**Mass of Inertia:**  $I_x: 0.60 \text{ cm}^4$   $I_y: 0.60 \text{ cm}^4$

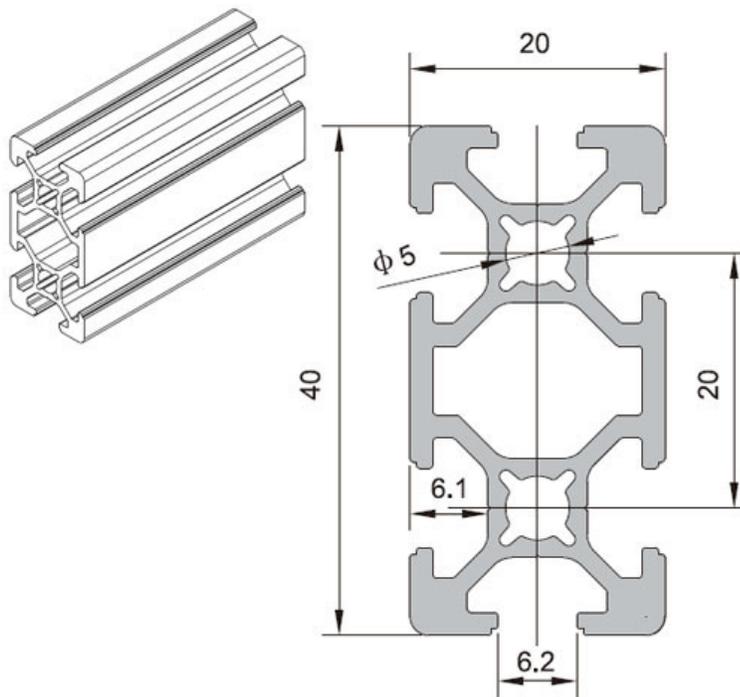
**Section Modulus:**  $z_x: 0.56 \text{ cm}^3$   $z_y: 0.56 \text{ cm}^3$

**Summary:**

**Order No:** HY-S6-2020RQ, **T-slot height:** 6.1 mm, **Section size:** 20 mm × 20 mm,  $R= 18.5^\circ$ , **Hole:**  $\phi 5$  mm, **Thickness of diagonal bar:** 1.5 mm.

2020RQ profile usually applies to the corner of framework structure, easy to connect and no sharp edges, so it's safe and beautiful facade.

2020RQ profile usually matches with M6 bolt and nut, its bearing load is little less 2020 profile. Please contact us for detailed technical parameters. All 20 series T-slot aluminium extrusion profile can freely connect with each other.





## 20\*40 Aluminium Extrusion T-Slot Profile

### Specification:

**Code:** S6-20×40

**Slot Width:** 6.2 mm

**Weight:** 0.90 kg/m

**Mass of Inertia:** Ix: 4.64 cm<sup>4</sup> Iy: 1.42 cm<sup>4</sup>

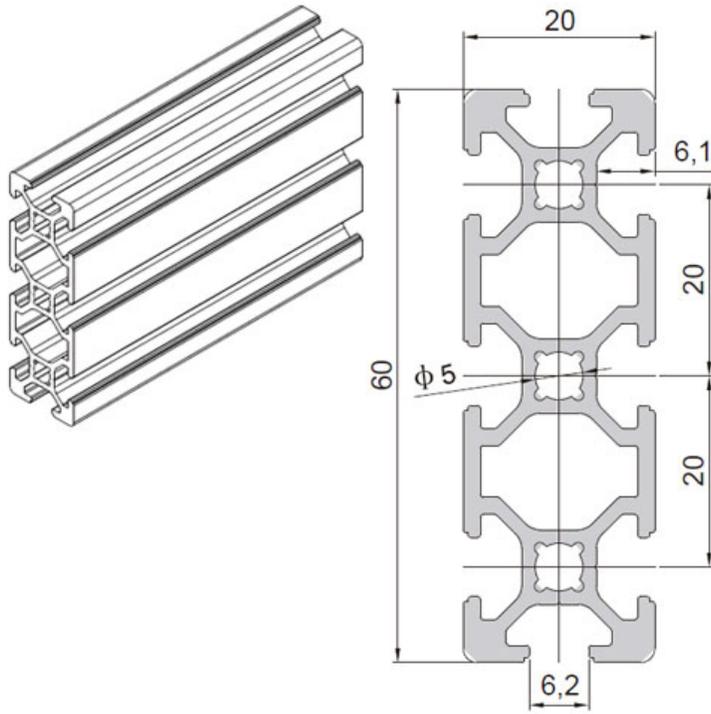
**Section Modulus:** zx: 2.32 cm<sup>3</sup> zy: 1.32 cm<sup>3</sup>

### Summary:

**Order No:** HY-S6-2040, **T-slot height:** 6.1 mm, **Section size:** 20 mm × 40 mm, **Hole:** φ5 mm, **Thickness of diagonal bar:** 1.5 mm.

2040 profile is one of the most widely used aluminium profile system applying to the light-weight structural framework which has not higher requirements in tension, strength and braced force, and it is right for industrial modular construction like automobile and industrial automation. All 20 series T-slot aluminium extrusion profile can freely connect with each other.

It often matches with M6 bolt (L=16 mm) and nut. If you have any special request, please inform our [business personnel](#).



## 20\*60 Aluminium Extrusion T-Slot Profile

### Specification:

**Code:** S6-20×60

**Slot Width:** 6.2 mm

**Weight:** 1.29 kg/m

**Mass of Inertia:**  $I_x: 14.64 \text{ cm}^4$   $I_y: 1.92 \text{ cm}^4$

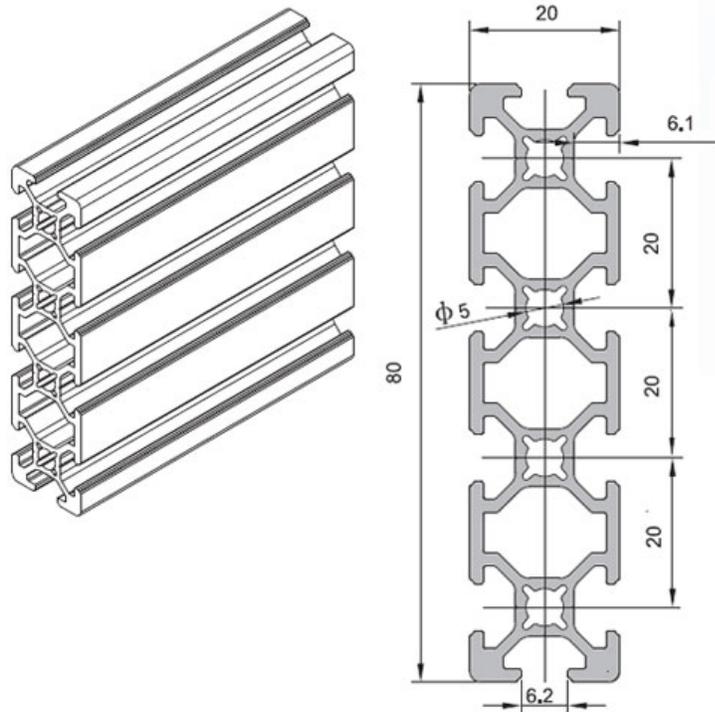
**Section Modulus:**  $z_x: 5.36 \text{ cm}^3$   $z_y: 1.77 \text{ cm}^3$

**Summary:**

**Order No:** HY-S6-2060, **T-slot height:** 6.1 mm, **Section size:** 20 mm × 60 mm, **Hole:**  $\phi 5$  mm, **Thickness of diagonal bar:** 1.5 mm.

2060 profile is also one of the most widely used aluminium profile system applying to the light-weight structural framework which has not higher requirements in tension, strength and braced force, and it is right for industrial modular construction like automobile and industrial automation. Silver and black colours are available.

The matching bolt & nut is usually M6 or M5 dedicated T-nut and inner hexagon internal connection. If it needs to bear high strength, please use M6 bolt to connect with a sliding nut so that the framework much stronger and reliable. All 20 series T-slot aluminium extrusion profile can freely connect with each other.





## 20\*80 Aluminium Extrusion T-Slot Profile

### Specification:

**Code:** S6-20×80

**Slot Width:** 6.2 mm

**Weight:** 1.85 kg/m

**Mass of Inertia:**  $I_x: 32.29 \text{ cm}^4$   $I_y: 2.39 \text{ cm}^4$

**Section Modulus:**  $Z_x: 8.07 \text{ cm}^3$   $Z_y: 2.39 \text{ cm}^3$

### Summary:

**Order No:** HY-S6-2080, **T-slot height:** 6.1 mm, **Section size:** 20 mm × 80 mm, **Hole:**  $\phi 5$  mm, **Thickness of diagonal bar:** 1.5 mm.

2080 profile is different to 2040 and 2060, it is widely used to overload structural framework which has higher requirements in tension, strength and braced force, and it is suited for industrial modular construction like automobile and industrial automation. It has large section width. All 20 series T-slot aluminium extrusion profile can freely connect with each other.