

## Mounting profile

MO-PROF 40 1TN AL-1

Part no.: 26.07.01.00023

<https://www.schmalz.com/26.07.01.00023>

Home > Vacuum Technology for Automation > Vacuum Components > Mounting Elements > Sections and Connectors > Mounting Profiles MO-PROF > MO-PROF 40 1TN AL-1

### Aluminium profile for construction of vacuum-gripping systems



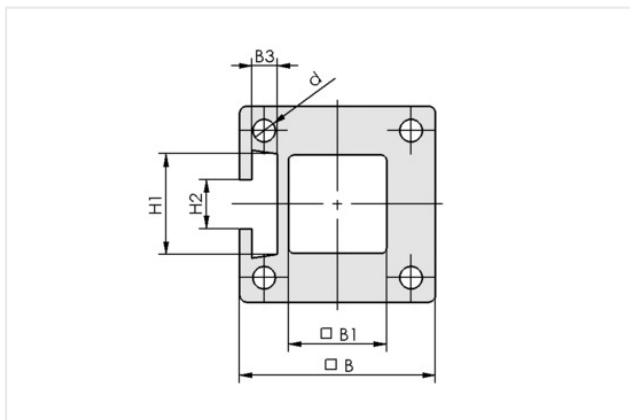
Width B: 40 mm

Length max.: 6,000 mm

Form: with 1 T-slot

Material: Al Mg Si 0.5 F22

### Design Data



| Attribute     | Value    |
|---------------|----------|
| B             | 40 mm    |
| B1            | 20 mm    |
| B3            | 5.20 mm  |
| d             | 4.60 mm  |
| H1            | 20.50 mm |
| H2            | 10 mm    |
| Length (max.) | 6000 mm  |

Note: Additional costs for cut

### Technical Data

| Attribute            | Value                 |
|----------------------|-----------------------|
| Area                 | 9.10 cm <sup>2</sup>  |
| Resistance moment Wx | 6.90 cm <sup>3</sup>  |
| Resistance moment Wy | 9.60 cm <sup>3</sup>  |
| Area moment Ix       | 13.70 cm <sup>4</sup> |
| Area moment Iy       | 17 cm <sup>4</sup>    |
| Warping max.         | 0.80 mm/m             |
| Material             | Al Mg Si 0.5 F22      |

### Contact Schmalz

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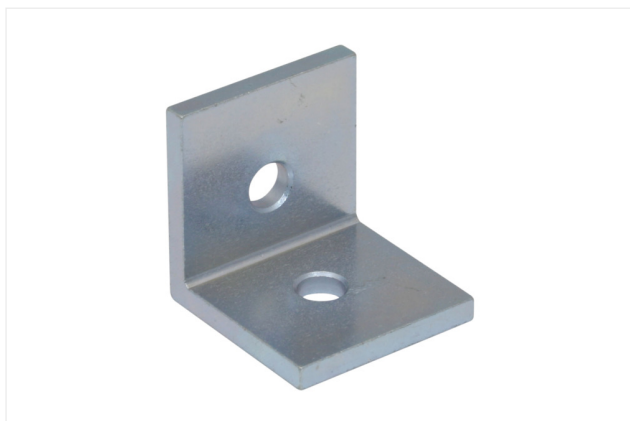
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|                |           |
|----------------|-----------|
| Mass           | 2.50 kg/m |
| Product family | MO-PROF   |

Note: There are additional costs for cutting!

### Accessories



#### BEF-WIN 40x40x40 5 MO-PROF

Part no.:25.09.06.00007

|                                    |
|------------------------------------|
| Width B: 40 mm                     |
| Height H: 40 mm                    |
| Length L: 40 mm                    |
| Wall thickness s: 5 mm             |
| Construction use: Mounting section |
| Weight: 107 g                      |



#### BOHR-SCHAB MO-PROF 50x50-1N

Part no.:10.08.03.00100

|                                    |
|------------------------------------|
| Width B: 20 mm                     |
| Height H: 50 mm                    |
| Material: Steel                    |
| Length L: 50 mm                    |
| Wall thickness s: 8 mm             |
| Construction use: Mounting section |
| Weight: 183.1 g                    |

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### DI-RA 40 PPTA MO-PROF

Part no...:10.07.08.00131

Height H: 1 mm

Length L: 40 mm

Wall thickness s: 10.5 mm

Construction use: Mounting section

Weight: 2 g



### NUT-STEI 10x20 M6-IG

Part no...:25.09.06.00002

Width B: 20 mm

Height H: 5 mm

Material: Steel

Length L: 10 mm

Thread G1: M6-F

Shape mounting elements: With step

Surface: galvanised

Weight: 6 g



### NUT-STEI 10x20 M8-IG

Part no...:25.09.06.00003

Width B: 20 mm

Height H: 5 mm

Material: Steel

Length L: 10 mm

Thread G1: M8-F

Shape mounting elements: With step

Surface: galvanised

Weight: 5 g

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### NUT-STEI 20x20 M8-IG 10

Part no.:25.09.06.00012

Width B: 20 mm

Height H: 4.9 mm

Material: Steel

Length L: 20 mm

Thread G1: M8-F

Shape mounting elements: With step

Surface: galvanised

Weight: 15.9 g



### SCHR WN1552 5x20 ST VZ T25

Part no.:20.10.03.00008

External diameter D: 5 mm

Material: Steel

Length L: 20 mm

Surface: galvanised

Weight: 3.9 g



### VBR-PR 150x3 E-FL

Part no.:25.09.06.00006

Height H: 3 mm

Length L: 150 mm

Weight: 362 g

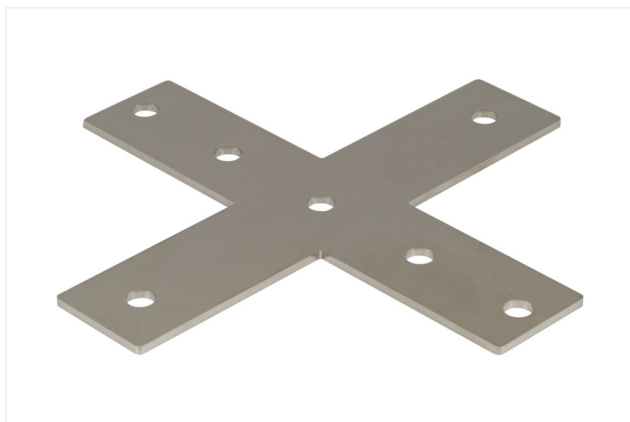
Connection 1: 2 Sliding blocks

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### VBR-PR 185x185x3 K-FL

Part no...:25.09.06.00005

Width B: 185 mm

Height H: 3 mm

Length L: 185 mm

Weight: 279 g

Connection 1: 2 sliding blocks



### VBR-PR 40x55x55 E-V

Part no...:10.08.03.00099

Width B: 55 mm

Height H: 55 mm

Length L: 40 mm

Wall thickness s: 6 mm

Weight: 164 g



### VRS-PL-40 G1/2-IG MO-PROF

Part no...:25.09.06.00009

Height H: 10 mm

Length L: 40 mm

Thread G1: G1/2"-F

Construction use: Mounting section

Weight: 72 g

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### VRS-PL-40 MO-PROF

Part no.:25.09.06.00008

Height H: 4 mm

Material: Steel

Length L: 40 mm

Construction use: Mounting section

Weight: 45 g



### VRS-PL-40 MO-PROF

Part no.:25.09.06.00026

Height H: 5 mm

Material: Polyamide

Length L: 40 mm

Construction use: Mounting section

Weight: 11.1 g