

# Mounting section

## MO-PROF 80x40 2TN AL-1

<https://www.schmalz.com/26.07.01.00021>



Part no.: 26.07.01.00021

Homepage > Vacuum Technology for Automation > Vacuum Components > Mounting Elements > Sections and Connectors > Mounting Sections

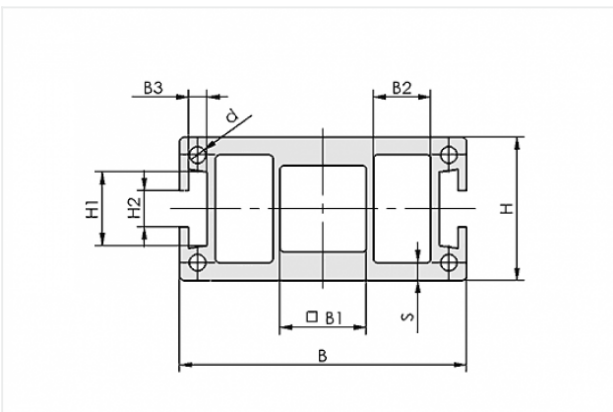
MO-PROF > MO-PROF 80x40 2TN AL-1

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



Width B: 80 mm  
Height H: 40 mm  
Length (max): 6000 mm  
Shape: with 2 T-slots  
Material: Al Mg Si 0,5 F22

### Design Data



Attribute	Value
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B	80 mm
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B1	24 mm
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B2	14.3 mm
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B3	5.2 mm
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d	4.6 mm
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H	40 mm
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H1	20.5 mm
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H2	10 mm
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s	4 mm
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### Contact to Schmalz

J. Schmalz GmbH | Johannes-Schmalz-Straße, 72293 Glatten, Deutschland | +49 7443 2403-102 | [customercenter@schmalz.de](mailto:customercenter@schmalz.de)

## Technical Data

Attribute	Value
Area	12.1 cm <sup>2</sup>
Resistance moment Wx	14 cm <sup>3</sup>
Resistance moment Wy	19.3 cm <sup>3</sup>
Area moment Ix	28.1 cm <sup>4</sup>
Area moment Iy	77.2 cm <sup>4</sup>
Warping (max)	0.8 mm/m
Length (max)	6000 mm
Material	Al Mg Si 0,5 F22
Mass	3.3 kg/m

## Accessories



### VRS-PL-80x40 MO-PROF

Part no. 25.09.06.00001

Sealing plate

Length L: 80 mm

Width B: 40 mm

Height H: 8 mm

for: Mounting section



**VRS-PL-80x40 G1/2-IG MO-PROF**

Part no. 25.09.06.00010

Sealing plate

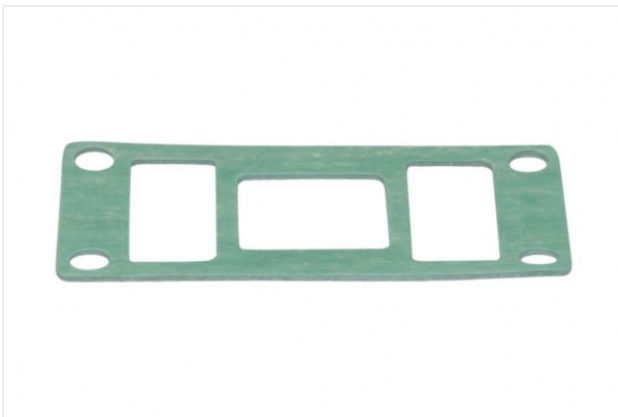
Length: 80 mm

Width: 40 mm

Height: 8 mm

Thread 1: G1/2-F

for: Mounting section



**DI-RA 80x40 PPTA**

Part no. 10.07.08.00132

Sealing frame

Length L: 80 mm

Width B: 40 mm

Sealing material: Polyaramid PPTA



**SCHR WN1552 5x20 ST VZ T25**

Part no. 20.10.03.00008

Counter sink screw

Standard: WN 1552

External diameter D: 5 mm

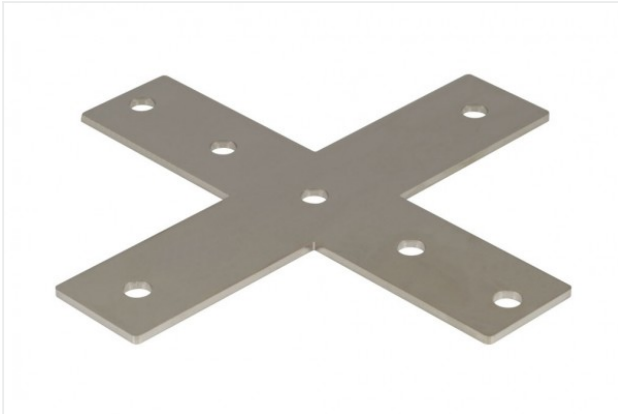
Length L: 20 mm

Material: Steel

Surface: galvanised

Screw drive: Torx T25

Weight: 3.9 g



**VBR-PR 185x185x3 K-FL**

Part no. 25.09.06.00005

Section connector

Length: 185 mm

Width: 185 mm

Height: 3 mm

Connection 1: 2 Sliding blocks

Shape: Cross- same height



**VBR-PR 150x3 E-FL**

Part no. 25.09.06.00006

Section connector

Length L: 150 mm

Height H: 3 mm

Connection 1: 2 Sliding blocks

Shape: Corner - same height



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

Part no. 25.09.06.00007

Mounting bracket

Width B: 40 mm

Height H: 40 mm

Length L: 40 mm

Wall thickness s: 5 mm

for: Mounting section



**NUT-STEI 10x20 M6-IG**

Part no. 25.09.06.00002

Nut for profile slot

Length L: 10 mm

Height H: 5 mm

Width B: 20 mm

Thread G1: M6-F

Shape: With step



**NUT-STEI 10x20 M8-IG**

Part no. 25.09.06.00003

Nut for profile slot

Length L: 10 mm

Height H: 5 mm

Width B: 20 mm

Thread G1: M8-F

Shape: With step



**NUT-STEI 20 M8-IG 10**

Part no. 25.09.06.00012

Nut for profile slot

Length L: 20 mm

Height H: 4.9 mm

Thread G1: M8-F

Shape: With step