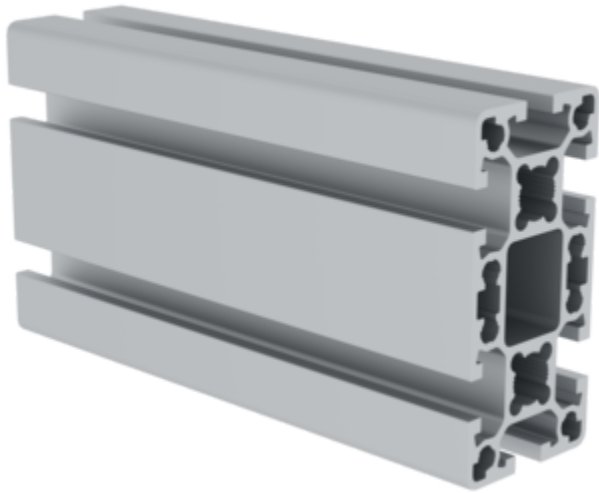


Order no.: 930103

Aluminium profile 40x80
mm



Surface finish

Anodised aluminium

Natural aluminium

Specification

Profile type Konstruktionsprofil	Length max. 6 m	Material Aluminium	Profile dimension X 40 mm	Profile dimension Y 80 mm
Weight per metre 2840 g/m	Groove size 8 mm	No. of grooves 6	Ix Area moment of inertia 183900 cm ⁴	Iy Area moment of inertia 653453 cm ⁴
Cross-sectional area FL 1053.59 mm ²	Surface texture Aluminium eloxiert	Anodising Hell E6/EV2	End design Gesägt	Core hole diameter M12
Order no. 930103				

Facts

- Construction profile made from aluminium
- Screw channel profile with T-slot
- For sturdy, versatile constructions
- Simple installation
- Versatile use
- Added visual and functional benefits

Description

Modular precision meets maximum bending stiffness! The MUNK aluminium profile 40 × 80 mm is the powerful solution for long-span constructions – available in either light anodised (E6/EV2) or natural untreated, with six 8 mm T-slots for versatile mounting options.

Highest load-bearing capacity with slim design

- Bright anodised
- In different lengths up to 6000 mm

- Asymmetrical external dimensions 40 × 80 mm, weight 2.840 g/m – optimum ratio of stability to material consumption.
- Extreme moments of inertia $I_x = 183900 \text{ cm}^4$, $I_y = 653453 \text{ cm}^4$ enable large spans without deflection.
- Six 8 mm T-slots offer maximum flexibility for panels, guides and attachments.

Professional connection technology

- Continuous M12 core channel ensures high-strength screw connections for load-bearing main frames.
- Profiles are cut to length with millimetre precision up to 6 m – ready for assembly without material waste.
- Force-fit T-slot connections eliminate welding work and enable quick conversions.

Surface finish according to application

- Light anodised: durable corrosion protection and attractive appearance for visible areas.
- Natural untreated: economical solution for base frames or clad constructions.

Typical areas of application

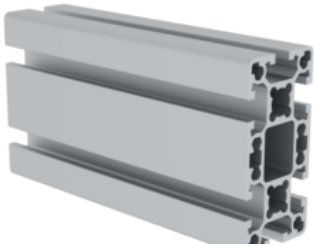
- Gantry cranes & jibs: Maximum I_x stiffness for large spans without intermediate supports.
- Machine gantries: Vibration-resistant base frames for machining centres and robot cells.
- Conveyor system main beams: High fatigue strength under dynamic loads.
- Protective glazing: Secure mounting of large panels across all T-slots.

Discover the MUNK aluminium profile 40 × 80 mm – your stable foundation for demanding long-span constructions that can carry heavy loads today and be flexibly expanded tomorrow.

Scope of supply

- Aluminium profiles, sawn to the required length (max. 6 m): 1 x

More product pictures



Corporate certifications

Standards for quality and sustainability

