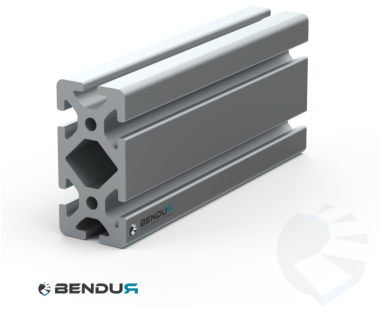
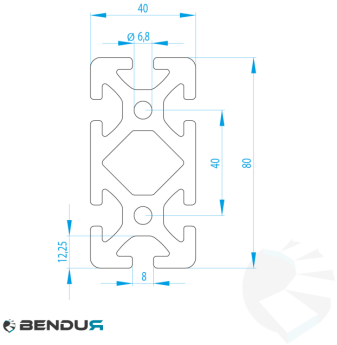
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PRODUCT DATASHEET

Aluminium profile slot 8 | 80x40 - ISB

Article number: BT-010102.08.00.102





View this product online: https://www.bendur.com/uk/aluminium-profile-slot-8-80x40-isb-bt0101020800102.html

Product details

Profile system	ISB
Slot type	8
Material	Aluminium
Standard length [mm]	6060
Width [mm]	80
Height [mm]	40
Finish	Geanodiseerd
Color	Naturel
HS-code	7604.29.90.90
Core Count	2
Thread diameter [mm]	M8

Specifications

Alloy	EN AW 6063 - T6
Weight per meter	4.5 kg/m

Description

The ISB aluminium construction profile **80×40 mm, slot 8** is a versatile profile with 6 open 8 mm T-slots. The open slots let you make connections in no time – from machine frames to transport carts – without machining the profile itself. The core holes take an M8 internal thread, ideal for mounting levelling feet and connecting plates or for joining two profiles.

The profile is extruded from **EN AW-6063 T6** aluminium to DIN EN 573 and **anodised natural** as standard (E6 C0, layer thickness 10–15 µm). We manufacture to DIN EN 12020-2. The anodising gives a corrosion-resistant finish and a clean look that holds up in industrial environments. The ISB profile system is fully **item compatible** – every corner connector, T-slot nut and hammer-head bolt from the 40 series fits straight away.

At Bendur we cut all your profiles to size in **our own saw shop in Someren**. Profiles are cut burr-free as standard, so they are pleasant to handle and assemble. For a small surcharge we also take care of **tapping, drilling and milling** – add the specs to your order or ask for a quote for custom work.

Fits the item system: same size and slot as item Profile 8 80x40 (ref. 0.0.026.04).

Applications

- Beam for long spans
- Cross member under a worktop
- Gantry or bridge
- Machine base
- Conveyor frame

Matching parts: corner connectors, automatic/T-matic connectors, T-slot nuts slot 8, end caps, slot cover profiles

Product benefits

- ✓ Slot 8 mm – item compatible
- ✓ Core hole for an M8 internal thread
- ✓ Burr-free cut
- ✓ Alloy EN AW-6063 T6 to DIN EN 573
- ✓ Anodised E6 C0 (natural, 10–15 µm), corrosion-resistant
- ✓ Manufactured to DIN EN 12020-2
- ✓ Cut to size (20–6000 mm)

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