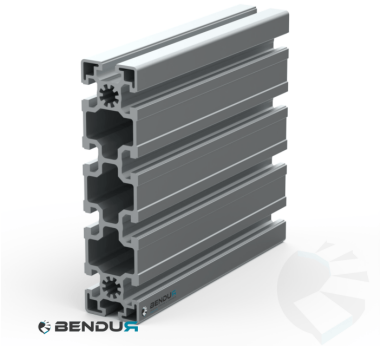
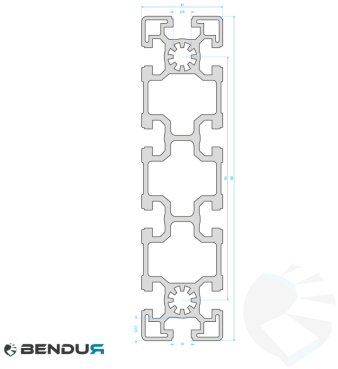
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PRODUCT DATASHEET

Aluminium profile slot 10 | 45x180 - BSB

Article number: BT-010101.10.00.218





View this product online: https://www.bendur.com/uk/aluminium-profile-slot-10-45x180-bsb-bt0101011000218.html

Product details

Profile system	BSB
Slot type	10
Material	Aluminium
Standard length [mm]	6060
Width [mm]	45
Height [mm]	180
Finish	Anodized
Color	Natural
HS-code	7604.29.90.90
Core Count	2
Thread diameter [mm]	M12

Specifications

Alloy	EN AW 6063 - T6
Weight per meter	6.9 kg/m

Description

The BSB aluminium construction profile **45×180 mm, slot 10** is a versatile profile with 10 open 10 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 M12 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 BSB profile system is fully **Bosch Rexroth compatible** – every corner connector, T-slot nut and hammer-head bolt from the 45 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.

Compatible with the Bosch Rexroth system: same size and slot as Bosch Rexroth 45x180 (ref. 3 842 990 335).

Applications

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

Matching parts: corner connectors, cube connectors, T-slot nuts slot 10, hammer-head nuts, end caps, slot cover profiles

Product benefits

- ✓ Slot 10 mm – Bosch Rexroth compatible
- ✓ Core hole for an M12 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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