

Strut Profile 45x45 D17, Anodized Aluminum, Slot 10, 60-6000 mm - Bosch Rexroth 3842990648

Item no. BRR-3842990648

Manufacturer Bosch Rexroth

45x45 strut profile with four open slots (slot width 10 mm) in anodized aluminum for assembly frames, machine guards, and workstation structures on a 45 mm grid. Custom cut lengths from 60 to 6000 mm; cross-sectional area 7.5 cm², area moment of inertia 13.8 cm⁴. Compatible with the Bosch Rexroth profile system 45.

TECHNICAL DATA

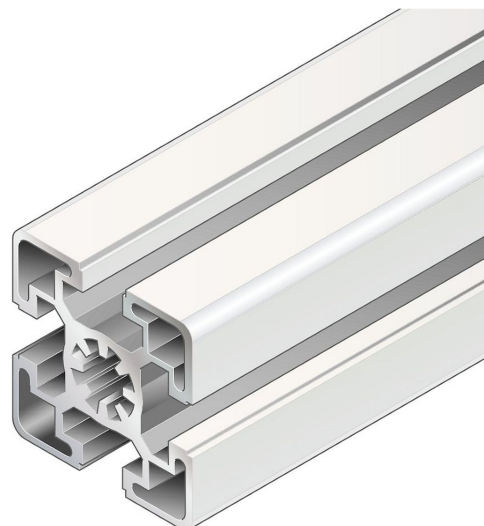
Ausführungsklasse **TEC**

Country of Manufacture **Germany**

HS-Code **76169990**

Note **Gemäß der aktuellen Preisstruktur werden für Bestellungen von Profilen mit einer Länge von 1500 mm zusätzliche Kosten in Höhe von 80,00 Euro berechnet.**

Weight **0.1 kg**



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DESCRIPTION

The 45x45 D17 strut profile from the Bosch Rexroth assembly technology system provides a rigid, lightweight aluminum foundation for support frames, protective enclosures, workbenches, and machine structures. Four open slots (width 10 mm) on a 45 mm grid allow connectors, brackets, and system accessories to be positioned freely along the full length of the profile. Supplied cut to length.

- Anodized aluminum - corrosion-resistant, load-bearing, available up to 6000 mm
- 4 open slots (slot width 10 mm) for flexible connection and mounting options at any position
- Symmetric 45x45 mm cross-section, $I_x = I_y = 13.8 \text{ cm}^4$ - equal stiffness in both axes
- Cut-to-length from 60 mm to 6000 mm
- Cross-sectional area 7.5 cm², mass 2 kg/m

TECHNICAL DATA

Property	Value
Cross-section	45x45 mm
Modular dimension	45 mm
Profile slot width	10 mm
Open slots	4
Profile type	Standard

esd.equipment

Keldersstr. 15

42697 Solingen, Deutschland

VAT ID: DE269659389

Phone: +49 212 38340680

shop@esd-equipment.com

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Property	Value
Color	Natural (anodized)
Material	Aluminum, anodized
Min / max length	60 mm / 6000 mm
Profile surface [A]	7.5 cm ²
Mass [m]	2 kg/m
Area moment of inertia $I_x = I_y$	13.8 cm ⁴
Moment of resistance $W_x = W_y$	6.1 cm ³
Torsional moment of inertia [It]	2.65 cm ⁴
Moment of torsion resistance [Wt]	0.96 cm ³
Packaging unit	1 piece
Recommended accessories	Cover cap 45x45 signal gray, Cover cap 45x45 black, Cover cap with hole 45x45 signal gray, Cap with hole 45x45 black