

Strebenprofil 45x90 D17/D17, Aluminium eloxiert, 6 Nuten - Bosch Rexroth 3842990313

Item no. BRR-3842990313

Manufacturer Bosch Rexroth

Asymmetric double-web aluminum strut profile, 45x90 mm cross-section with six open slots (slot width 10 mm) and D17 drill holes in slots B/F and C/E. Designed for load-bearing frames, machine enclosures, and fixtures in the Bosch Rexroth 45 mm grid system. Cut-to-length from 80 to 6000 mm; mass 4.2 kg/m.

TECHNICAL DATA

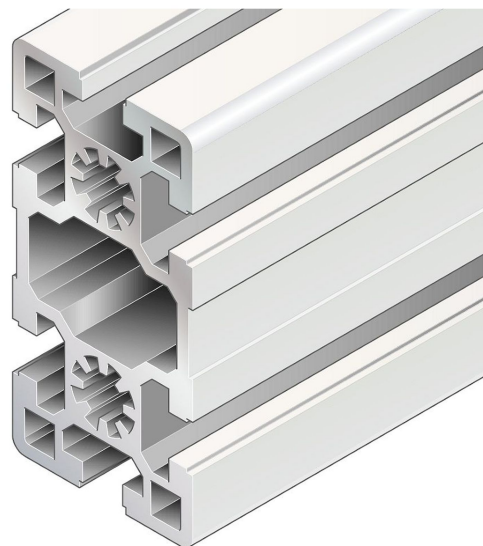
Ausführungsklasse **TEC**

Country of Manufacture **Germany**

Hinweis **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**

Zolltarifnummer **76169990**



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DESCRIPTION

The strut profile 45x90 D17/D17 is an asymmetric double-web aluminum profile in the 45 mm modular grid with six open slots (width 10 mm). It is designed for statically and dynamically loaded support structures, protective guards, and jigs within the Bosch Rexroth aluminum profile system. The profile is supplied in anodized aluminum (color: natural) and can be cut to any length from 80 to 6000 mm.

- Six open slots (10 mm width) for connectors, T-nuts, and accessories on all faces
- D17 core holes in slots B/F and C/E; M12/M16 core holes available in all cores
- High bending stiffness in the x-direction: area moment of inertia $I_x = 124.6 \text{ cm}^4$
- Anodized aluminum surface - corrosion-resistant, lightweight, and dimensionally stable
- Compatible with the full Bosch Rexroth 45 mm accessory range

TECHNICAL DATA

Property	Value
Cross-section	45x90 mm
Modular dimension	45 mm
Slot width	10 mm
Open slots	6
Profile type	Standard

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Property	Value
Min. length (L min)	80 mm
Max. length (L max)	6000 mm
Mass	4.2 kg/m
Profile surface (A)	15.4 cm ²
Area moment of inertia I _x	124.6 cm ⁴
Moment of resistance W _x	27.7 cm ³
Area moment of inertia I _y	32.8 cm ⁴
Moment of resistance W _y	14.6 cm ³
Torsional moment of inertia (I _t)	15.4 cm ⁴
Moment of torsion resistance (W _t)	6.61 cm ³
D17 profile adaption	Slots B/F, C/E
M12, M16 profile adaption	All cores
Material	Aluminum, anodized
Color	Natural
Packaging unit	1 piece