

Strebenprofil 90x90 D17/D17, Aluminium eloxiert, 8 Nuten, L 80-6000 mm - Bosch Rexroth 3842990093

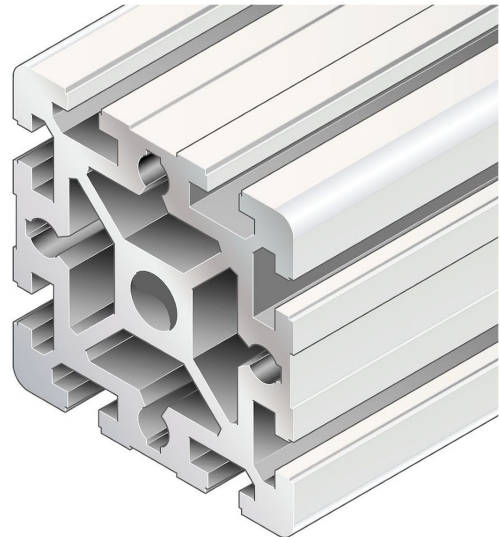
Item no. BRR-3842990093

Manufacturer Bosch Rexroth

Heavy-duty aluminum strut profile with a 90x90 mm cross-section and 8 open slots (slot size 10, modular dimension 45 mm) for building rigid structures within the Bosch Rexroth profile system. Area moment of inertia I_x/I_y 299.8 cm⁴ each at a profile surface of 38.4 cm² - suited for demanding support frames, machine enclosures, and workstation assemblies. Supplied as cut-to-length stock from 80 to 6000 mm, anodized natural aluminum finish.

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 90x90 D17/D17 from Bosch Rexroth is a symmetric aluminum construction profile with 8 open slots and a 90x90 mm cross-section. As part of the established Rexroth profile system, the uniform modular dimension of 45 mm allows direct combination with all compatible connectors, brackets, and accessories in the series.

- High moment of resistance: W_x/W_y 66.7 cm³ each - reliable load-bearing even at long spans
- Symmetric cross-section: $I_x = I_y = 299.8$ cm⁴, installation orientation independent of load direction
- 8 open slots (size 10) for flexible attachment of add-on components without drilling
- Anodized surface (natural) provides corrosion protection and easy cleaning
- Cut-to-length: freely selectable from 80 to 6000 mm, packaging unit 1 piece
- Torsional moment of inertia $I_t = 118.6$ cm⁴, torsional moment of resistance $W_t = 26$ cm³

TECHNICAL DATA

Attribute	Value
Cross-section	90 x 90 mm
Profile type	Standard
Modular dimension	45 mm

Attribute	Value
Open slots	8
Slot size	10
Length min. (L min)	80 mm
Length max. (L max)	6000 mm
Profile surface (A)	38.4 cm ²
Area moment of inertia I _x	299.8 cm ⁴
Area moment of inertia I _y	299.8 cm ⁴
Moment of resistance W _x	66.7 cm ³
Moment of resistance W _y	66.7 cm ³
Torsional moment of inertia (I _t)	118.6 cm ⁴
Torsional moment of resistance (W _t)	26 cm ³
Mass (m)	10.4 kg/m
Material	Aluminum, anodized
Color	Natural
Packaging unit	1 piece