

Strebenprofil 90x90 D17V/D17, Aluminium eloxiert, 8 Nuten, bis 6000 mm - Bosch Rexroth 3842990094

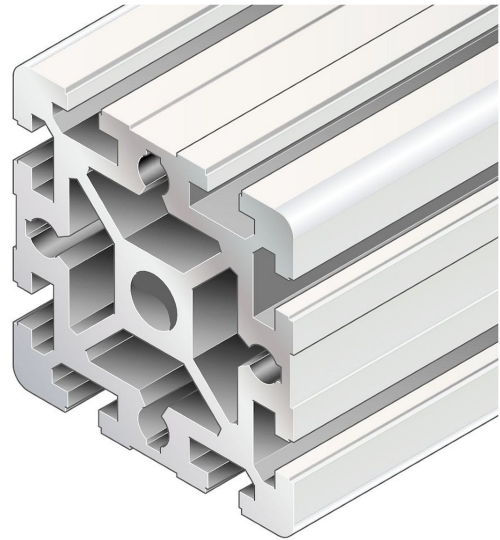
Item no. BRR-3842990094

Manufacturer Bosch Rexroth

Heavy-duty 90x90 mm structural aluminum strut profile, anodized, with 8 open slots (slot width 10 mm, modular dimension 45 mm). Designed for load-bearing frames, machine bases, and modular assembly systems. Cut-to-length service available from 80 mm to 6000 mm.

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 D17V/D17 from Bosch Rexroth is a heavy structural aluminum profile for demanding load-bearing frames, machine bases, and modular assembly systems. The anodized surface provides lasting protection against corrosion and wear. Eight open slots (slot width 10 mm, modular dimension 45 mm) give maximum flexibility for connectors and attachments across all four sides.

- Profile surface area 38.4 cm² and mass 10.4 kg/m for high load capacity and rigidity
- Area moment of inertia $I_x = I_y = 299.8 \text{ cm}^4$ for symmetrical bending stiffness in both axes
- Torsional moment of inertia $I_t = 118.6 \text{ cm}^4$ and torsion resistance $W_t = 26 \text{ cm}^3$ for twist-resistant frames
- Cut to length: 80 mm to 6000 mm, packaging unit 1 piece
- Compatible with cover caps 90x90 (black and signal gray, with and without hole)

TECHNICAL DATA

Property	Value
Cross-section	90 x 90 mm
Profile type	Standard
Open slots	8

Property	Value
Slot width	10 mm
Modular dimension	45 mm
Length min.	80 mm
Length max.	6000 mm
Material	Aluminum, anodized
Color	Natural
Profile surface [A]	38.4 cm ²
Mass [m]	10.4 kg/m
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
Moment of torsion resistance [W _t]	26 cm ³
Packaging unit	1 piece