

Strebenprofil 90x90 D17 - Aluminium eloxiert, 8 Nuten, Länge 60-6000 mm - Bosch Rexroth 3842990092

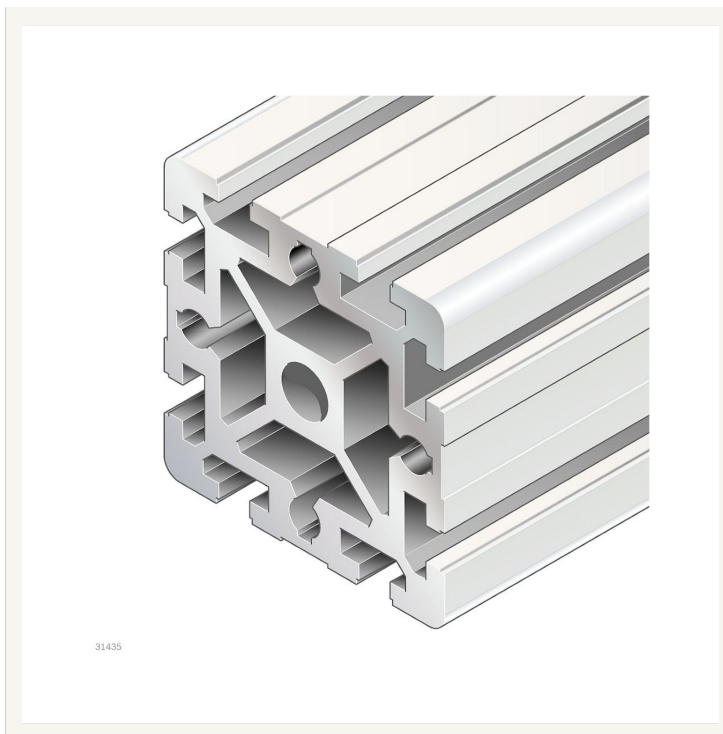
Item no. BRR-3842990092

Manufacturer Bosch Rexroth

Strut profile 90x90 D17 in anodized aluminum for modular frame and machine-base construction. Eight open slots (slot width 10, modular dimension 45 mm) and a symmetric cross-section deliver identical load capacity in both axes: $I_x = I_y = 299.8 \text{ cm}^4$. Cut to length between 60 and 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



DESCRIPTION

The strut profile 90x90 D17 is the structural backbone for large-format frames, machine bases, and protective enclosures in the Bosch Rexroth aluminum profile system. Its symmetric 90x90 cross-section with eight open slots allows connectors, brackets, and attachments to be added on any face at any position - no reworking required.

- High bending stiffness: area moment of inertia $I_x = I_y = 299.8 \text{ cm}^4$ and moment of resistance $W_x = W_y = 66.7 \text{ cm}^3$, equal in both axes
- Good torsional stiffness: $I_t = 118.6 \text{ cm}^4$, $W_t = 26 \text{ cm}^3$
- Large profile surface of 38.4 cm^2 for solid connections with standard accessories
- 8 open slots (width 10 mm, modular dimension 45 mm) for maximum mounting flexibility
- Anodized aluminum, natural color - corrosion-resistant with durable surface protection
- Cut to order: L min 60 mm, L max 6000 mm, packaging unit 1 piece

TECHNICAL DATA

Property	Value
Cross-section	90x90 mm
Profile type	Standard
Profile slot	10
Modular dimension	45 mm

Property	Value
Open slots	8
Length min (L min)	60 mm
Length max (L max)	6000 mm
Profile surface (A)	38.4 cm ²
Area moment of inertia X (I _x)	299.8 cm ⁴
Area moment of inertia Y (I _y)	299.8 cm ⁴
Moment of resistance X (W _x)	66.7 cm ³
Moment of resistance Y (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
Mass (m)	10.4 kg/m
Material	Aluminum, anodized
Color	Natural
Packaging unit	1 piece