

Strebenprofil 90x90 2xD17LF, eloxiertes Aluminium, 8 Nuten, L 80-6000 mm - Bosch Rexroth 3842993082

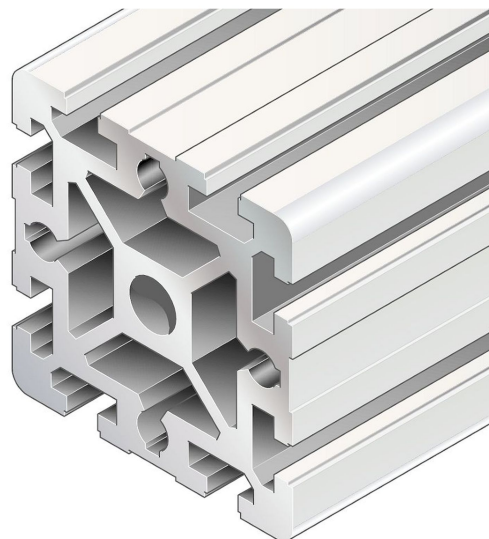
Item no. BRR-3842993082

Manufacturer Bosch Rexroth

Square 90x90 mm aluminum strut profile on a 45 mm grid with 8 open slots (slot size 10) for building rigid machine frames, enclosures, and structural assemblies. Anodized natural finish, cut-to-length from 80 to 6000 mm. Area moment of inertia 299.8 cm⁴, profile surface 38.4 cm² - suited for high bending and torsional loads.

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



31435

DESCRIPTION

The Strut Profile 90x90 2xD17LF from Bosch Rexroth is a square extruded aluminum profile on a 45 mm grid with 8 open slots (slot size 10). It provides the structural backbone for machine enclosures, assembly frames, and guarding structures where high rigidity and flexible cut-to-length delivery are required.

- Symmetric 90x90 mm cross-section - identical bending and torsion properties on both axes ($I_x = I_y = 299.8 \text{ cm}^4$, $W_x = W_y = 66.7 \text{ cm}^3$)
- 8 open slots on a 45 mm grid allow connection with standard accessories without pre-drilling
- Anodized aluminum in natural finish - corrosion-resistant, lightweight, suitable for visible structural components
- Cut-to-length from 80 to 6000 mm; packaging unit 1 piece

TECHNICAL DATA

Parameter	Value
Cross-section	90 x 90 mm
Modular dimension	45 mm
Open slots	8

Parameter	Value
Slot size	10
Profile type	Standard
Material	Aluminum, anodized
Color	Natural
Length min. (L min)	80 mm
Length max. (L max)	6000 mm
Profile surface (A)	38.4 cm ²
Mass (m)	10.4 kg/m
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
Packaging unit	1 piece