

Strebenprofil 90x90, 8 Nuten, eloxiertes Aluminium, 1000 mm - Bosch Rexroth 3842993082-1000

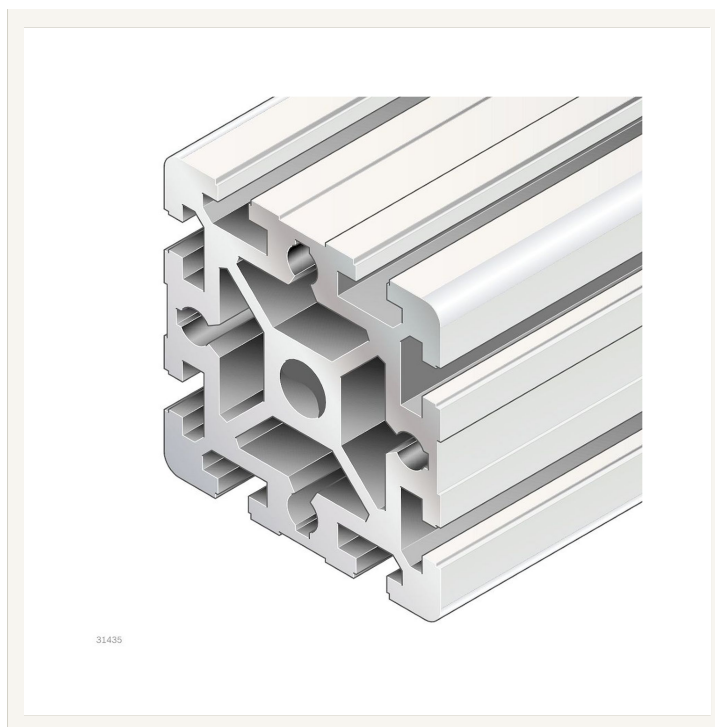
Item no. BRR-3842993082-1000

Manufacturer Bosch Rexroth

Heavy-duty aluminum strut profile with a 90x90 mm cross-section and 8 open slots (slot width 10 mm) for modular assembly and automation structures. The anodized finish provides corrosion resistance, while the 45 mm modular dimension and area moment of inertia of 299.8 cm⁴ make this profile suitable for demanding frame applications. Length: 1000 mm, packaging unit: 1 piece.

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	0.0099 kg
Zolltarifnummer	76169990



DESCRIPTION

The Strut Profile 90x90 2xD17LF from Bosch Rexroth is an anodized aluminum structural profile designed for modular assembly, manufacturing, and automation systems. The symmetrical 90x90 mm cross-section with 8 open slots (slot width 10 mm) and a 45 mm modular dimension integrates directly into the Bosch Rexroth profile system, enabling connections in any direction without drilling.

- High bending stiffness: area moment of inertia $I_x = I_y = 299.8 \text{ cm}^4$, moment of resistance $W_x = W_y = 66.7 \text{ cm}^3$
- Good torsional rigidity: torsional moment of inertia $I_t = 118.6 \text{ cm}^4$, torsional moment of resistance $W_t = 26 \text{ cm}^3$
- Profile surface area $A = 38.4 \text{ cm}^2$, mass 10.4 kg/m
- 8 open slots allow versatile connection and fastening options throughout the full length
- Anodized surface finish: corrosion-resistant, natural color
- Cut to length: min. 80 mm, max. 6000 mm; this unit: 1000 mm

TECHNICAL DATA

Property	Value
Cross-section	90x90 mm
Profile type	Standard
Slot width	10 mm

Property	Value
Open slots	8
Modular dimension	45 mm
Length (this unit)	1000 mm
Length min.	80 mm
Length max.	6000 mm
Material	Aluminum, anodized
Color	Natural
Area moment of inertia $I_x = I_y$	299.8 cm ⁴
Moment of resistance $W_x = W_y$	66.7 cm ³
Torsional moment of inertia I_t	118.6 cm ⁴
Torsional moment of resistance W_t	26 cm ³
Profile surface area A	38.4 cm ²
Mass	10.4 kg/m
Packaging unit	1 piece
Recommended accessories	Cover cap 90x90 black, cover cap 90x90 signal gray, cover cap with hole 90x90 black, cover cap with hole 90x90 signal gray