

Strebenprofil 90x90L D17 - Aluminium, eloxiert, 8 Nuten, Rastermaß 45 mm - Bosch Rexroth 3842992417

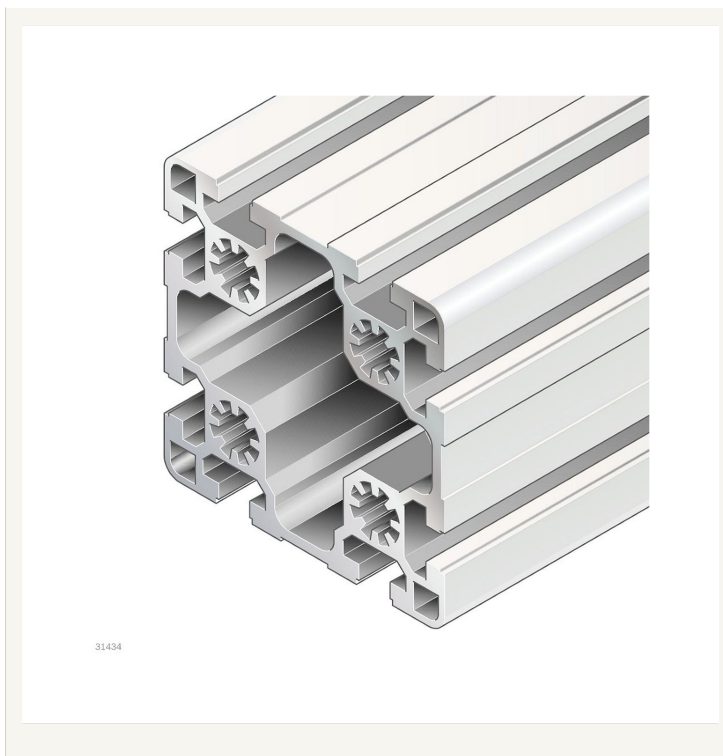
Item no. BRR-3842992417

Manufacturer Bosch Rexroth

Heavy-duty aluminum strut profile with a 90x90L cross-section, 8 open slots (slot width 10) and a 45 mm modular dimension for building load-bearing assembly frames and machine structures. Supplied anodized in natural finish; cut-to-length from 60 mm to 6000 mm. Recommended accessories: cover caps 90x90L in black or signal gray.

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 Bosch Rexroth Strut Profile 90x90L D17 is a heavy structural aluminum profile with 8 open slots and a 90x90 mm cross-section. It is designed for load-bearing frames, machine guarding and demanding assembly structures in industrial environments. The anodized surface provides lasting corrosion and wear resistance.

- 8 open slots (slot 10) for flexible connection and fastening in any direction
- 45 mm modular dimension - compatible with the full Bosch Rexroth aluminum profile system
- Profile adaptations: D17 in slots C/H and D/G; D17V in slots A/F and B/E; M12 in all core channels; LF in slots C/H and D/G
- High bending and torsional stiffness: area moment of inertia $I_x = I_y = 211.1 \text{ cm}^4$, section modulus $W_x = W_y = 46.9 \text{ cm}^3$
- Cut-to-length flexibility: minimum 60 mm, maximum 6000 mm, packaging unit 1 piece

TECHNICAL DATA

Property	Value
Cross-section	90x90L
Dimensions	90x90 mm
Modular dimension	45 mm

Property	Value
Profile slot	10
Open slots	8
Profile type	Standard
Color	Natural (anodized)
Material	Aluminum, anodized
Length min (L min)	60 mm
Length max (L max)	6000 mm
Profile surface (A)	24.1 cm ²
Mass (m)	6.5 kg/m
Area moment of inertia X (I _x)	211.1 cm ⁴
Area moment of inertia Y (I _y)	211.1 cm ⁴
Section modulus X (W _x)	46.9 cm ³
Section modulus Y (W _y)	46.9 cm ³
Torsional moment of inertia (I _t)	82.1 cm ⁴
Moment of torsion resistance (W _t)	20.1 cm ³
Profile adaptations	M12: all core channels; D17: slots C/H, D/G; D17V: slots A/F, B/E; LF: slots C/H, D/G
Recommended accessories	Cover cap 90x90L black, cover cap 90x90L signal gray
Packaging unit	1 piece