

Strebenprofil 90x90L M12/D17LF, Aluminium eloxiert, 8 Nuten, Zuschnitt 90-6000 mm - Bosch Rexroth 3842992419

Item no. BRR-3842992419

Manufacturer Bosch Rexroth

Heavy-duty 90x90L aluminum strut profile with 8 open slots on a 45 mm grid, pre-machined with M12 threads in all core channels and D17 bores in selected slots. Ready for direct bolt assembly without on-site drilling. Supplied cut to length from 90 mm to 6000 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	0.1 kg
Zolltarifnummer	76169990



DESCRIPTION

The 90x90L strut profile is a symmetrical extruded aluminum section within the Bosch Rexroth 45 mm grid system. Eight open slots of size 10 and a cross-sectional area of 24.1 cm² deliver the structural rigidity needed for demanding assembly frames and support structures. Factory machining M12/D17LF eliminates secondary operations on site.

- Area moment of inertia $I_x = I_y = 211.1 \text{ cm}^4$ and section modulus $W_x = W_y = 46.9 \text{ cm}^3$ for high bending stiffness about both axes
- Torsional moment of inertia $I_t = 82.1 \text{ cm}^4$, torsional section modulus $W_t = 20.1 \text{ cm}^3$
- M12 threads factory-cut in all core channels - bolt connections without pre-drilling
- D17 bores in slots C/H and D/G, D17V in slots A/F and B/E, LF bores in slots C/H and D/G
- Anodized aluminum surface (natural color) - corrosion-resistant and visually clean
- Cut-to-length flexibility: 90 mm to 6000 mm; linear mass 6.5 kg/m

TECHNICAL DATA

Property	Value
Cross-section	90x90L
Dimensions	90x90 mm
Profile type	Standard

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Page 1/2

Property	Value
Modular dimension	45 mm
Open slots	8
Slot size	10
Profile surface [A]	24.1 cm ²
Area moment of inertia [$I_x = I_y$]	211.1 cm ⁴
Section modulus [$W_x = W_y$]	46.9 cm ³
Torsional moment of inertia [I_t]	82.1 cm ⁴
Torsional section modulus [W_t]	20.1 cm ³
Mass	6.5 kg/m
Profile machining	M12: all core channels; D17: slots C/H, D/G; D17V: slots A/F, B/E; LF: slots C/H, D/G
Material	Aluminum, anodized
Color	Natural
Length min / max	90 mm / 6000 mm
Packaging unit	1 piece