

Strebenprofil 90x90L M12/D17, Aluminium eloxiert, Natur - Bosch Rexroth 3842992423

Item no. BRR-3842992423

Manufacturer Bosch Rexroth

Heavy-duty aluminum strut profile in 90x90L cross-section with 8 open slots, 45 mm modular dimension and slot width 10 - made from anodized aluminum (natural finish). Available cut to length from 90 mm to 6000 mm, designed for structural frames, workstation systems and machine enclosures.

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 (article 3842992423) from Bosch Rexroth is a standard aluminum profile for modular assembly systems. Eight open slots, a 45 mm modular dimension and slot width 10 provide the connection flexibility needed for demanding frame structures, workstation systems and machine guarding. Pre-machined M12 tapped holes in all core bores and D17 clearance holes in slots C/H and D/G (D17V in slots A/F and B/E) allow direct assembly without additional machining. Cut to length on order from 90 mm to 6000 mm.

- 8 open slots for maximum connectivity in all orientations
- M12/D17 pre-machining eliminates on-site drilling and tapping
- Anodized aluminum surface: corrosion-resistant, durable and cleanroom-compatible
- Cut-to-length service (90-6000 mm) supplied ready to assemble
- Symmetric cross-section: $I_x = I_y = 211.1 \text{ cm}^4$, $W_x = W_y = 46.9 \text{ cm}^3$

TECHNICAL DATA

Property	Value
Cross-section	90x90L
Dimensions	90x90 mm
Profile slot	10
Modular dimension	45 mm

Property	Value
Open slots	8
Profile type	Standard
Color	Natural
Material	Aluminum, anodized
Length min	90 mm
Length max	6000 mm
Mass	6.5 kg/m
Profile surface (A)	24.1 cm ²
Area moment of inertia I _x	211.1 cm ⁴
Area moment of inertia I _y	211.1 cm ⁴
Moment of resistance W _x	46.9 cm ³
Moment of resistance 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 adaption	M12 in all core bores; D17 in slots C/H, D/G; D17V in slots A/F, B/E; LF in slots C/H, D/G
Packaging unit	1
Recommended accessories	Cover cap 90x90L, black; Cover cap 90x90L, signal gray