

Strebenprofil 45x90L M12/M12 - eloxiertes Aluminiumprofil mit 6 offenen Nuten - Bosch Rexroth 3842992433

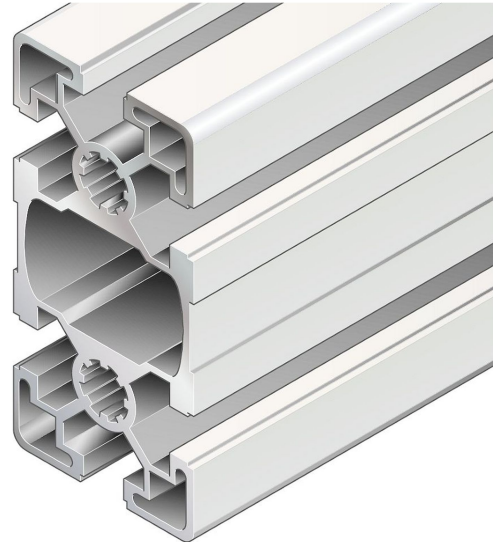
Item no. BRR-3842992433

Manufacturer Bosch Rexroth

Strut profile 45x90L in anodized aluminum for building modular assembly frames, machine guards, and conveyor structures on the 45 mm grid. Six open slots and pre-machined M12 tap holes on all core pulls allow fast, tool-free connections with standard Rexroth profile accessories. Available cut to length from 110 mm to 6000 mm.

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



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DESCRIPTION

The Bosch Rexroth strut profile 45x90L is an anodized aluminum structural profile with an asymmetric 45x90 cross-section and 45 mm modular pitch. Six open slots (slot size 10) combined with M12 core-pull holes on all axes and D17/D17V holes in the flange zones enable rapid, flexible assembly of machine enclosures, workstations, conveyor systems, and safety structures. Cut-to-length service from 110 mm eliminates waste, and the standard natural-finish type integrates directly with existing Rexroth profile systems.

- Six open slots for versatile connection and mounting options without pre-drilling
- M12 tap holes on all core pulls; D17 holes in slots B/F and C/E; D17V and LF holes in slots A/D for direct bolted connections
- High bending stiffness: area moment of inertia $I_x = 82 \text{ cm}^4$, $I_y = 23.6 \text{ cm}^4$
- Anodized aluminum - corrosion-resistant, lightweight, and dimensionally stable
- Flexible cut-to-length: 110 mm to 6000 mm, packaging unit 1 piece

TECHNICAL DATA

Property	Value
Cross-section	45x90L
Dimensions	45x90 mm

Property	Value
Modular dimension	45 mm
Profile type	Standard
Open slots	6
Profile slot	10
Material	Aluminum, anodized
Color	Natural
Length min	110 mm
Length max	6000 mm
Profile surface [A]	11.3 cm ²
Mass [m]	3 kg/m
Area moment of inertia I _x	82 cm ⁴
Area moment of inertia I _y	23.6 cm ⁴
Moment of resistance W _x	18.2 cm ³
Moment of resistance W _y	10.5 cm ³
Torsional moment of inertia [I _t]	15.1 cm ⁴
Moment of torsion resistance [W _t]	4.4 cm ³
Profile adaption	M12: all core pulls; D17: slots B/F, C/E; D17V: slots A/D; LF: slots A/D
Packaging unit	1 piece