

Strebenprofil 45x90 M12, Aluminium eloxiert, 6 offene Nuten - Bosch Rexroth 3842990301

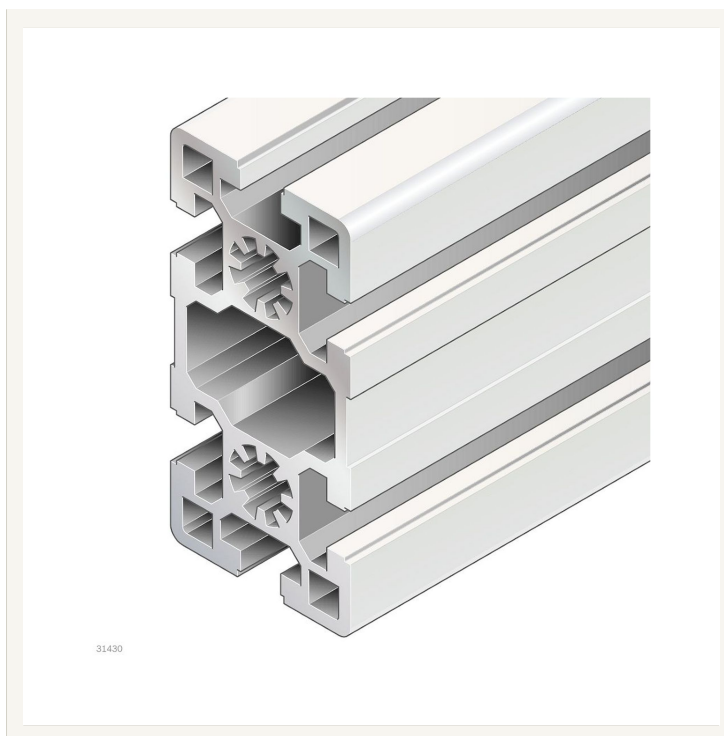
Item no. BRR-3842990301

Manufacturer Bosch Rexroth

Strut profile with a 45x90 mm cross-section in anodized aluminum, featuring 6 open slots and M12 core bores in all axes. The 45 mm modular dimension ensures direct compatibility with the Bosch Rexroth aluminum profile system. Available as a cut-to-length piece from 60 mm to 6000 mm, packaging unit 1.

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 45x90 M12 strut profile is an anodized aluminum extrusion with a double 45 mm modular grid, 6 open profile slots (slot width 10 mm), and pre-machined core bores for M12 and M16 fasteners in all axes, plus D17 bores in slots B/F and C/E, and D17V in slots A/D. It is suited for building machine frames, safety enclosures, conveyor structures, and modular workstations in industrial lightweight construction.

- 45x90 mm cross-section, 45 mm modular dimension - compatible with the full Bosch Rexroth profile range
- 6 open slots, slot width 10 mm - enables tool-free connections on all faces
- M12/M16 core bores in all axes, D17 in selected slots - no secondary machining required
- High bending stiffness: area moment of inertia I_x 124.6 cm⁴, section modulus W_x 27.7 cm³
- Anodized surface - corrosion-resistant, durable, and visually clean
- Cut-to-length from 60 mm to 6000 mm, supplied as individual piece

TECHNICAL DATA

Property	Value
Cross-section	45x90 mm
Modular dimension	45 mm
Profile type	Standard

Property	Value
Open slots	6
Profile slot width	10 mm
Profile adaption	M12, M16: all core bores; D17: slots B/F, C/E; D17V: slots A/D
Material	Aluminum, anodized
Color	Natural
Length min / max	60 mm / 6000 mm
Profile surface [A]	15.4 cm ²
Mass [m]	4.2 kg/m
Area moment of inertia [Ix]	124.6 cm ⁴
Section modulus [Wx]	27.7 cm ³
Area moment of inertia [Iy]	32.8 cm ⁴
Section modulus [Wy]	14.6 cm ³
Torsional moment of inertia [It]	15.4 cm ⁴
Torsional section modulus [Wt]	6.61 cm ³
Packaging unit	1 piece