

Strebenprofil 45x90 M12/D17V, Aluminium eloxiert, 6 Nuten - Bosch Rexroth 3842990305

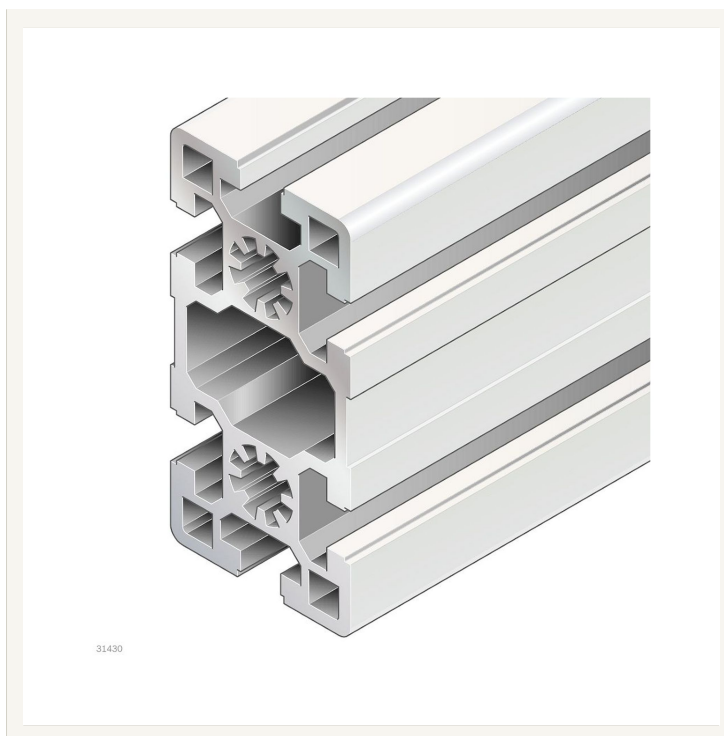
Item no. BRR-3842990305

Manufacturer Bosch Rexroth

Extruded anodized aluminum strut profile with a 45x90 mm cross-section, six open slots (slot 10), and a 45 mm modular dimension for direct integration into the Rexroth profile system. Available as a cut-to-length piece from 90 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



DESCRIPTION

The strut profile 45x90 M12/D17V is a standard-type aluminum structural profile with a 45x90 mm cross-section and six open slots (profile slot 10). It is designed for machine frames, protective enclosures, and assembly structures within the Rexroth modular building system. The profile is delivered anodized in natural color and can be ordered cut to length between 90 mm and 6000 mm.

- Six open slots provide connection points on all profile faces
- M12 and M16 tapped cores in all positions; D17 bores in slots B/F and C/E; D17V bores in slots A/D
- Anodized aluminum surface - corrosion-resistant and suitable for exposed areas
- 45 mm modular dimension - fully compatible with the Rexroth profile system 45
- High bending stiffness: area moment of inertia $I_x = 124.6 \text{ cm}^4$, $I_y = 32.8 \text{ cm}^4$

TECHNICAL DATA

Property	Value
Cross-section	45x90 mm
Profile type	Standard
Modular dimension	45 mm
Open slots	6
Profile slot	10

Property	Value
Profile adaption	M12, M16: all tapped cores; D17: slots B/F, C/E; D17V: slots A/D
Material	Aluminum, anodized
Color	Natural
Length min (L min)	90 mm
Length max (L max)	6000 mm
Mass (m)	4.2 kg/m
Profile surface (A)	15.4 cm ²
Area moment of inertia I _x	124.6 cm ⁴
Moment of resistance W _x	27.7 cm ³
Area moment of inertia I _y	32.8 cm ⁴
Moment of resistance W _y	14.6 cm ³
Torsional moment of inertia (I _t)	15.4 cm ⁴
Moment of torsion resistance (W _t)	6.61 cm ³
Packaging unit	1
Recommended accessories	Cover cap 45x90 black, Cover cap 45x90 signal gray, Cover cap with hole 45x90 black, Cover cap with hole 45x90 signal gray