

Strebenprofil 45x60 M16/M12, Aluminium eloxiert, 4 Nuten, L 180-6000 mm - Bosch Rexroth 3842990575

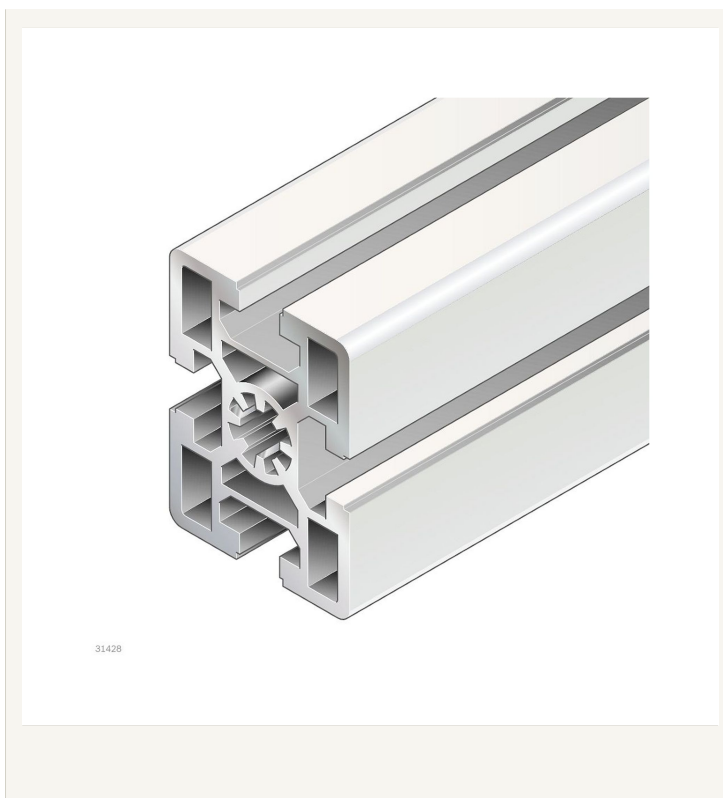
Item no. BRR-3842990575

Manufacturer Bosch Rexroth

Extruded anodized aluminum strut profile with a 45x60 mm cross-section, four open slots (slot size 10) and a modular dimension of 45 mm. Suitable for M16 and M12 connections, available cut to length from 180 to 6000 mm. Designed for assembly frames, machine guarding and automation structures within the Bosch Rexroth profile system.

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 Strut Profile 45x60 M16/M12 is an anodized aluminum standard profile for building assembly structures, protective enclosures and automation frames. Four open slots (size 10) on a 45 mm modular grid allow versatile connection to the full Rexroth profile accessory range on every face.

- Four open slots (size 10) for connection flexibility on all profile sides
- Cut to length from 180 to 6000 mm for minimal waste and exact fit
- Anodized aluminum: corrosion-resistant, lightweight and torsionally stiff ($Wt = 4.09 \text{ cm}^3$)
- Factory profile adaptations available: D9.8 and D17 bores in slots B/D, longitudinal clearance cut and chamfer
- Area moment of inertia $I_x = 37.2 \text{ cm}^4$ / $I_y = 22.7 \text{ cm}^4$ for reliable load planning

TECHNICAL DATA

Property	Value
Cross-section	45x60 mm
Modular dimension	45 mm
Open slots	4

Property	Value
Profile slot size	10
Profile type	Standard
Material	Aluminum, anodized
Color	Natural
Length min.	180 mm
Length max.	6000 mm
Profile surface (A)	11 cm ²
Mass (m)	3 kg/m
Area moment of inertia I _x	37.2 cm ⁴
Area moment of inertia I _y	22.7 cm ⁴
Moment of resistance W _x	12.4 cm ³
Moment of resistance W _y	10.1 cm ³
Torsional moment of inertia (I _t)	6.7 cm ⁴
Moment of torsion resistance (W _t)	4.09 cm ³
Packaging unit	1 piece
Recommended accessories	Cover cap 45x60 black, Cover cap 45x60 signal gray, Cover cap with hole 45x60 black, Cover cap with hole 45x60 signal gray