

Strebenprofil 45x60 M16/M12, Aluminium eloxiert, 1000 mm - Bosch Rexroth 3842990575-1000

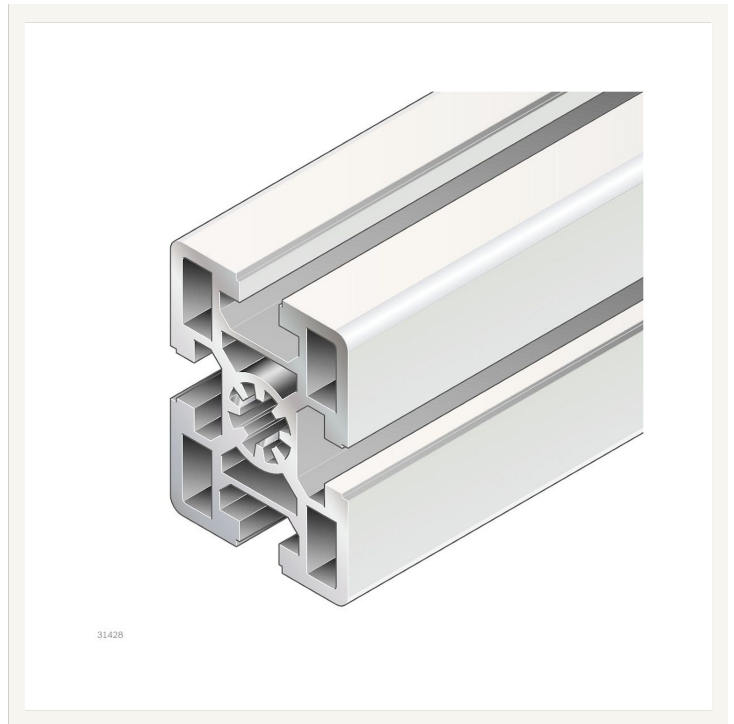
Item no. BRR-3842990575-1000

Manufacturer Bosch Rexroth

Aluminum strut profile with 45x60 mm cross-section and 4 open slots (slot size 10) for building assembly frames, machine guarding, and conveyor structures. The anodized standard profile ships as a 1000 mm length and is available cut to size from 180 to 6000 mm. Compatible with M16 and M12 connecting technology of the Bosch Rexroth assembly 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	0.0099 kg
Zolltarifnummer	76169990



DESCRIPTION

The Strut Profile 45x60 M16/M12 in anodized aluminum is a core structural element of the Bosch Rexroth assembly system, suited for machine frames, workstation structures, enclosures, and material handling applications. The rectangular 45x60 mm cross-section with 4 open slots delivers high bending stiffness at low weight and connects directly to standard system connectors without additional machining. Supplied as a finished 1000 mm length.

- 4 open slots (slot size 10, modular dimension 45 mm) for connection flexibility on all four faces
- Factory-machined bores: D9.8 and D17 in slots B/D; D9.8V and D17V in slots A/C; LF in slots A/C; F1 in slot A - ready to assemble out of the box
- Anodized aluminum: corrosion-resistant, dimensionally stable, natural color finish
- Area moment of inertia I_x 37.2 cm⁴ / I_y 22.7 cm⁴ for reliable load transfer in both axes
- Cut-to-length ordering available: 180 to 6000 mm; standard delivery 1000 mm

TECHNICAL DATA

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

Property	Value
Slot size	10
Delivery length	1000 mm
Length min / max	180 mm / 6000 mm
Material	Aluminum, anodized
Color	Natural
Profile surface [A]	11 cm ²
Mass [m]	3 kg/m
Area moment of inertia [Ix]	37.2 cm ⁴
Area moment of inertia [Iy]	22.7 cm ⁴
Moment of resistance [Wx]	12.4 cm ³
Moment of resistance [Wy]	10.1 cm ³
Torsional moment of inertia [It]	6.7 cm ⁴
Moment of torsion resistance [Wt]	4.09 cm ³
Profile machining	D9.8, D17: slots B/D; D9.8V, D17V: slots A/C; LF: slots A/C; F1: slot A
Packaging unit	1 piece