

Strebenprofil 45x60 M16, 1000 mm, Aluminium eloxiert, 4 offene Nuten - Bosch Rexroth 3842990573-1000

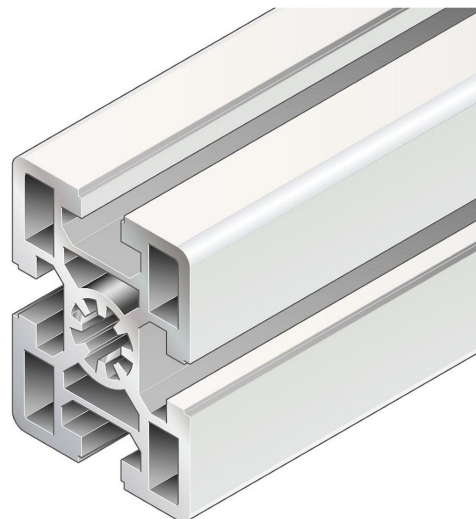
Item no. BRR-3842990573-1000

Manufacturer Bosch Rexroth

Strut profile 45x60 M16 in anodized aluminum for structural frames, supports and guards built on the 45 mm grid system. Four open slots (size 10) allow bolted connections on all sides without pre-drilling. Supplied at 1000 mm; custom lengths available from 120 mm to 6000 mm.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
Weight	0.0099 kg
Zolltarifnummer	76169990



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DESCRIPTION

The 45x60 M16 strut profile in anodized aluminum integrates directly into the Bosch Rexroth 45 mm modular grid and serves as a strut, cross-member or frame element in assembly systems, conveyor structures and machine guarding. The standard delivery length is 1000 mm; the profile can be cut to order from 120 mm up to 6000 mm.

- 4 open slots (slot size 10) enable connections from any face without pre-drilling
- Anodized aluminum construction: corrosion-resistant, lightweight and dimensionally stable
- Factory profile adaptations available: bores D9.8 and D17 in slots B/D, longitudinal bore and chamfer F1 in slots A/C
- High rigidity: area moment of inertia $I_x = 37.2 \text{ cm}^4$, $I_y = 22.7 \text{ cm}^4$
- Compatible with all standard connectors, brackets and accessories in the 45 mm grid range

TECHNICAL DATA

Property	Value
Cross-section	45x60 mm
Modular dimension	45 mm
Profile type	Standard
Open slots	4
Slot size	10

Property	Value
Delivery length	1000 mm
Length min / max	120 mm / 6000 mm
Material	Aluminum, anodized
Color	Natural
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