

Strut Profile 60x90 M16, 6 Slots, Anodized Aluminum - Bosch Rexroth 3842990453

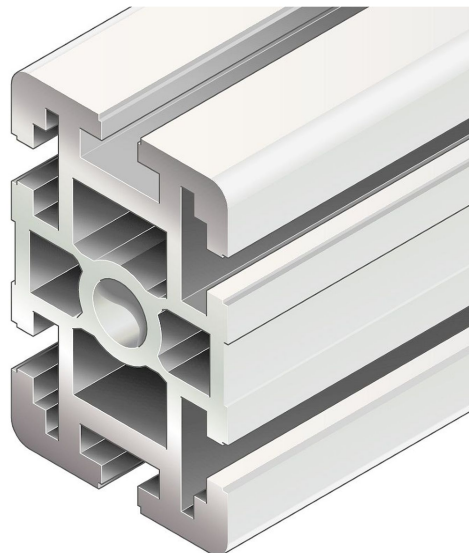
Item no. BRR-3842990453

Manufacturer Bosch Rexroth

Extruded anodized aluminum strut profile with a 60x90 mm cross-section and 60 mm modular dimension, designed for machine frames, guards, and fixtures. Six open profile slots (slot width 10 mm) allow connections on all sides. Available cut to length from 120 mm to 6000 mm.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
HS-Code	76169990
Note	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



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DESCRIPTION

The Bosch Rexroth Strut Profile 60x90 M16 is an anodized aluminum structural profile with a 60 mm modular dimension. Six open slots (10 mm width) provide connection points on every face, making it a versatile choice for machine frames, safety enclosures, and production fixtures in mechanical and plant engineering. Cut-to-length delivery (120 mm to 6000 mm) minimizes waste and simplifies assembly.

- Six open slots for flexible connections on all profile faces
- Anodized aluminum surface - corrosion-resistant with no further treatment required
- High bending stiffness: area moment of inertia $I_x = 214.2 \text{ cm}^4$, $I_y = 90.5 \text{ cm}^4$
- Profile adaption D17 available: drilling in slots B/F, C/E and D17V in slots A/D
- Cut to length from 120 mm to 6000 mm, packaging unit 1 piece

TECHNICAL DATA

Property	Value
Cross-section	60x90 mm
Modular dimension	60 mm
Profile type	Standard
Color	Natural (anodized)
Open slots	6

Property	Value
Profile slot width	10 mm
Length min. (L min)	120 mm
Length max. (L max)	6000 mm
Material	Aluminum, anodized
Mass (m)	7 kg/m
Profile surface (A)	25.8 cm ²
Area moment of inertia X (I _x)	214.2 cm ⁴
Area moment of inertia Y (I _y)	90.5 cm ⁴
Moment of resistance X (W _x)	47.6 cm ³
Moment of resistance Y (W _y)	30.2 cm ³
Torsional moment of inertia (I _t)	45.8 cm ⁴
Moment of torsion resistance (W _t)	18 cm ³
Profile adaption	D17: slots B/F, C/E - D17V: slots A/D
Recommended accessories	Cover cap 60x90 black/signal gray, Cover cap with hole 60x90 black/signal gray