

Strut Profile 90x360 M16/M16, Anodized Aluminum, 12 Slots - Bosch Rexroth 3842993435

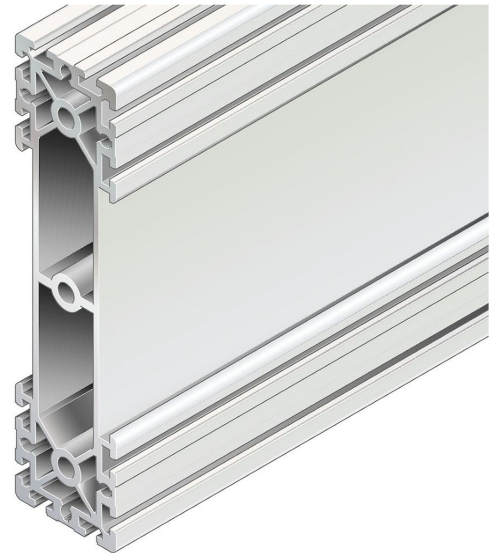
Item no. BRR-3842993435

Manufacturer Bosch Rexroth

Heavy-duty aluminum strut profile with a 90x360 mm cross-section, 12 open slots, and M16 tapping in all core channels. Area moment of inertia I_x 14065 cm⁴ delivers high bending stiffness for long spans. Available cut-to-length from 240 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 Strut Profile 90x360 M16/M16 is an anodized aluminum structural profile for demanding frame structures, machine bases, and support systems in industrial assembly technology. Twelve open slots on a 45 mm grid integrate directly into the Bosch Rexroth profile system, allowing flexible, tool-friendly connections without rework.

- High bending stiffness in x-direction: $I_x = 14065 \text{ cm}^4$, $W_x = 781.4 \text{ cm}^3$ - suited for heavy transverse loads and long unsupported spans
- 12 open profile slots (slot size 10) provide maximum connection points for connectors, guides, and attachments
- M16 tapping in all core channels - direct bolted assembly without additional drilling
- Cut-to-length range 240-6000 mm, supplied as individual pieces (packaging unit 1)
- Anodized aluminum surface, natural color - corrosion-resistant and low-maintenance

TECHNICAL DATA

Property	Value
Cross-section	90x360 mm
Profile type	Standard
Modular dimension	45 mm
Open slots	12

Property	Value
Profile slot size	10
Profile adaption	M16 in all core channels
Profile surface (A)	90.2 cm ²
Mass (m)	24.4 kg/m
Area moment of inertia I _x	14065 cm ⁴
Moment of resistance W _x	781.4 cm ³
Area moment of inertia I _y	710 cm ⁴
Moment of resistance W _y	157.7 cm ³
Torsional moment of inertia I _t	937.1 cm ⁴
Moment of torsion resistance W _t	117.6 cm ³
Material	Aluminum, anodized
Color	Natural
Length min	240 mm
Length max	6000 mm
Recommended accessories	Cover cap 90x90 black, Cover cap 90x90 signal gray, Cover cap with hole 90x90 black, Cover cap with hole 90x90 signal gray