

Strut Profile 90x90 M16/M16, Anodized Aluminum, 8 Slots - Bosch Rexroth 3842990502

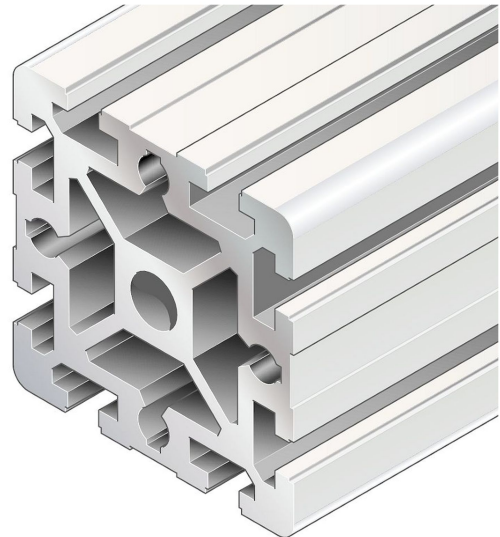
Item no. BRR-3842990502

Manufacturer Bosch Rexroth

Symmetrical aluminum strut profile 90x90 mm with 8 open slots (slot width 10 mm) and M16 internal threads at both ends. Modular dimension 45 mm, area moment of inertia 299.8 cm⁴ - for load-bearing frame and assembly structures. Cut-to-length from 240 to 6000 mm, packaging unit 1 piece.

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 90x90 M16/M16 in anodized aluminum is the primary structural element for heavy-duty frames, machine bases, and assembly systems within the Bosch Rexroth profile system. Eight open slots (width 10 mm, modular dimension 45 mm) allow flexible attachment of connectors, brackets, and accessories on all faces - without drilling or welding.

- High bending stiffness: area moment of inertia $I_x = I_y = 299.8 \text{ cm}^4$, moment of resistance $W_x = W_y = 66.7 \text{ cm}^3$
- Good torsional rigidity: torsional moment of inertia $I_t = 118.6 \text{ cm}^4$, moment of torsion resistance $W_t = 26 \text{ cm}^3$
- M16 internal threads at both ends for direct rod connectors without additional drilling
- Anodized surface: corrosion-resistant, abrasion-resistant, natural color
- Cut-to-length: 240 to 6000 mm, packaging unit 1 piece
- Profile surface area 38.4 cm², mass 10.4 kg/m

TECHNICAL DATA

Parameter	Value
Cross-section	90 x 90 mm
Profile type	Standard
Open slots	8

Parameter	Value
Slot width (profile slot)	10 mm
Modular dimension	45 mm
Internal thread	M16 / M16
Length min.	240 mm
Length max.	6000 mm
Area moment of inertia $I_x = I_y$	299.8 cm ⁴
Moment of resistance $W_x = W_y$	66.7 cm ³
Torsional moment of inertia I_t	118.6 cm ⁴
Moment of torsion resistance W_t	26 cm ³
Profile surface area A	38.4 cm ²
Mass	10.4 kg/m
Material	Aluminum, anodized
Color	Natural
Packaging unit	1 piece
Recommended accessories	Cover cap 90x90 black, Cover cap 90x90 signal gray, Cover cap with hole 90x90 black, Cover cap with hole 90x90 signal gray