

Strut Profile 60x60 M12, Slot 10, Anodized Aluminum, Length 60-6000 mm - Bosch Rexroth 3842990351

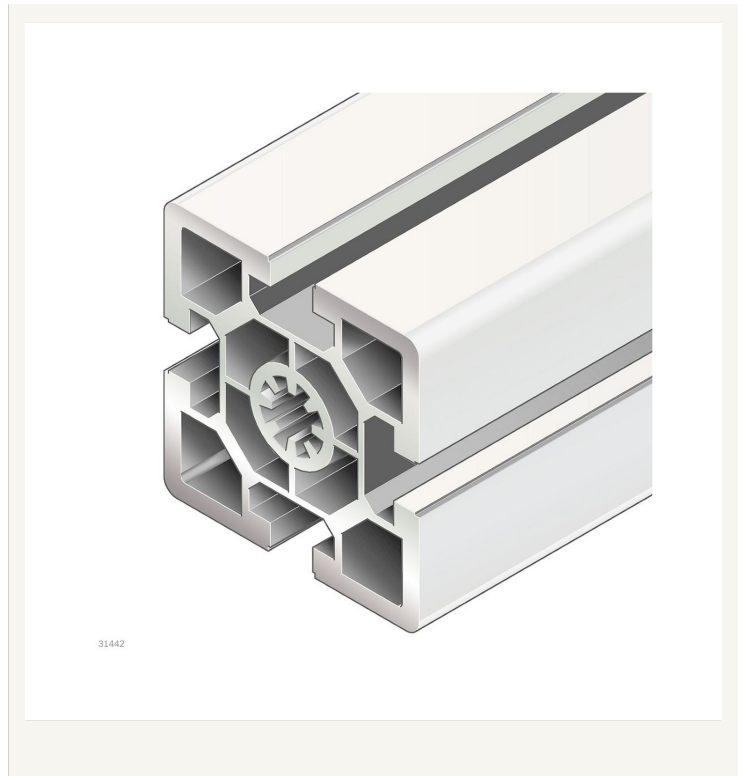
Item no. BRR-3842990351

Manufacturer Bosch Rexroth

Extruded anodized aluminum strut profile with a 60x60 mm square cross-section, four open slots (width 10) and M12 connection technology. Area moment of inertia 52.2 cm⁴ and profile surface 14.4 cm² deliver the rigidity needed for machine frames, assembly fixtures, and guarding structures. Supplied cut to length from 60 mm to 6000 mm, ready for direct integration into the Rexroth profile system.

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



DESCRIPTION

The Bosch Rexroth strut profile 60x60 M12 is an anodized aluminum system profile with a square cross-section and four open slots (slot width 10). It serves as the structural backbone for machine and plant frames, protective enclosures, workbenches, and modular fixtures in industrial assembly systems. Custom cut-to-length between 60 mm and 6000 mm; profile-end machining is available prior to delivery.

- High bending and torsional rigidity: area moment of inertia $I_x = I_y = 52.2 \text{ cm}^4$, moment of resistance $W_x = W_y = 17.4 \text{ cm}^3$
- Four open slots allow flexible attachment of connectors, angle brackets, and add-on components without additional drilling
- M12 connection technology for positive-locking butt joints directly in the T-slot nut system
- Anodized surface (color: natural) provides corrosion protection and a consistently clean appearance for visible structures
- Modular dimension 60 mm - fully compatible with the Bosch Rexroth size-60 profile system
- Individual cut-to-length from 60 mm to 6000 mm, packaging unit 1 piece

TECHNICAL DATA

Property	Value
Cross-section	60x60 mm

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Property	Value
Profile type	Standard
Modular dimension	60 mm
Open slots	4
Profile slot	10
Connection technology	M12
Length min. (L min)	60 mm
Length max. (L max)	6000 mm
Profile surface (A)	14.4 cm ²
Mass (m)	3.9 kg/m
Area moment of inertia in x-direction (Ix)	52.2 cm ⁴
Area moment of inertia in y-direction (Iy)	52.2 cm ⁴
Moment of resistance in x-direction (Wx)	17.4 cm ³
Moment of resistance in y-direction (Wy)	17.4 cm ³
Torsional moment of inertia (It)	15.9 cm ⁴
Moment of torsion resistance (Wt)	8.8 cm ³
Material	Aluminum, anodized
Color	Natural
Packaging unit	1 piece
Recommended accessories	Cover cap 60x60 black, Cover cap 60x60 signal gray, Cover cap with hole 60x60 black, Cover cap with hole 60x60 signal gray