

Strut Profile 60x60 D17/D17, 1000 mm, Anodized Aluminum, 4 Slots - Bosch Rexroth 3842990357-1000

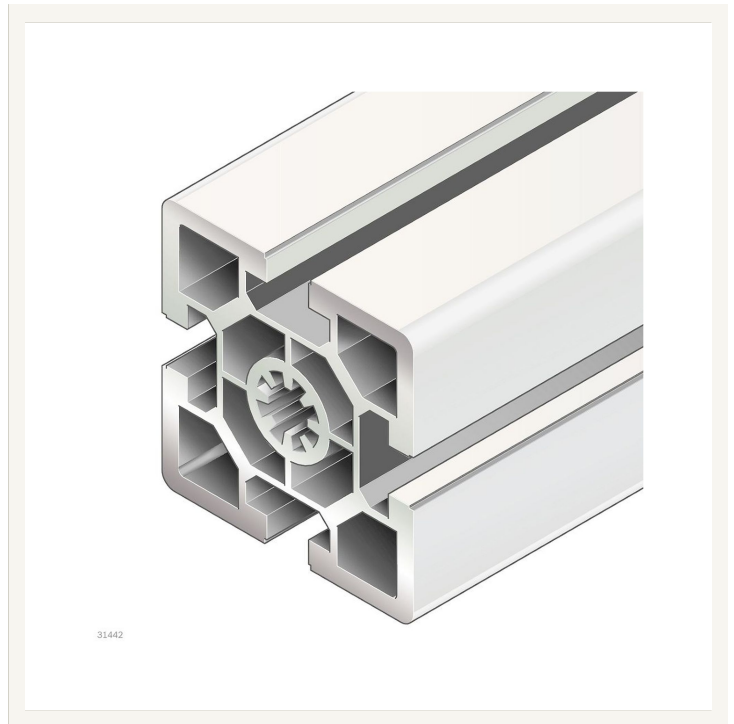
Item no. BRR-3842990357-1000

Manufacturer Bosch Rexroth

Extruded anodized aluminum strut profile with a 60x60 mm square cross-section, four open slots (slot width 10 mm), and a 60 mm modular grid dimension. Area moment of inertia 52.2 cm⁴ in both axes makes it a reliable structural element for workstation frames, machine guarding, and conveyor structures. Supplied cut to 1000 mm; custom lengths from 80 mm to 6000 mm available.

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	0.0099 kg



DESCRIPTION

The strut profile 60x60 D17/D17 is a standard anodized aluminum profile on a 60 mm modular grid with four open slots. It serves as the primary structural element in workstation systems, machine guarding enclosures, conveyor framing, and modular racking within the Bosch Rexroth profile system.

- Symmetric 60x60 cross-section with equal area moments of inertia in both axes (52.2 cm⁴ each) - simplifies load-oriented design without directional constraints.
- Four open slots (10 mm wide) allow tool-free integration of connectors, brackets, and accessories at any point along the profile length.
- Anodized aluminum surface provides lasting corrosion resistance and meets the cleanliness requirements typical of production and laboratory environments.
- Available cut to length from 80 mm up to 6000 mm; this unit is supplied at 1000 mm.
- Torsional moment of resistance 8.8 cm³ and profile surface area 14.4 cm² deliver the rigidity needed for standard framing loads.

TECHNICAL DATA

Parameter	Value
Cross-section	60 x 60 mm
Profile type	Standard

Parameter	Value
Modular dimension	60 mm
Profile slot width	10 mm
Open slots	4
Length (this unit)	1000 mm
Min / max length	80 mm / 6000 mm
Area moment of inertia I _x	52.2 cm ⁴
Area moment of inertia I _y	52.2 cm ⁴
Moment of resistance W _x	17.4 cm ³
Moment of resistance W _y	17.4 cm ³
Torsional moment of inertia I _t	15.9 cm ⁴
Torsional moment of resistance W _t	8.8 cm ³
Profile surface A	14.4 cm ²
Mass	3.9 kg
Material	Aluminum, anodized
Color	Natural
Packaging unit	1