

Strut Profile 60x60 M12/D17, Anodized Aluminum, 4 Open Slots - Bosch Rexroth 3842990355

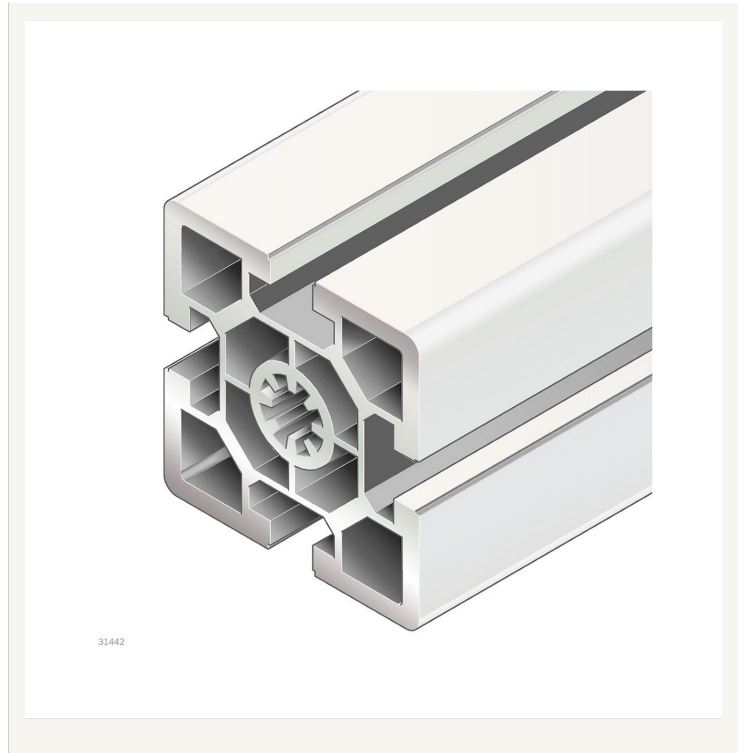
Item no. BRR-3842990355

Manufacturer Bosch Rexroth

Square 60x60 mm anodized aluminum strut profile with four open slots and a central M12 bore (D17) for modular assembly and automation structures. Cut-to-length delivery from 90 to 6000 mm makes it adaptable to any frame design within the Bosch Rexroth 60 mm grid system. Identical area moments of inertia in both axes provide consistent rigidity for load-bearing applications.

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 Strut Profile 60x60 M12/D17 is an anodized aluminum structural profile for load-bearing frames, machine enclosures, and assembly fixtures in industrial environments. Four open slots on all faces, a 60 mm modular dimension, and a central M12 bore (D17) ensure full compatibility with the Bosch Rexroth assembly technology system. Supplied cut-to-length from 90 to 6000 mm, packaging unit 1 piece.

- Symmetrical area moment of inertia ($I_x = I_y = 52.2 \text{ cm}^4$) delivers equal stiffness in both bending directions
- Four open slots on all four faces allow flexible connection and attachment without drilling
- Anodized surface (color: natural) provides enhanced corrosion and wear resistance
- Central M12/D17 bore enables direct face-end connection using standard Bosch Rexroth connectors
- Cut-to-length flexibility: L min 90 mm, L max 6000 mm

TECHNICAL DATA

Property	Value
Cross-section	60x60 mm
Modular dimension	60 mm
Open slots	4

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Property	Value
Profile slot	10
Profile type	Standard
Material	Aluminum, anodized
Color	Natural
Length min (L min)	90 mm
Length max (L max)	6000 mm
Profile surface (A)	14.4 cm ²
Mass (m)	3.9 kg/m
Area moment of inertia X (I _x)	52.2 cm ⁴
Area moment of inertia Y (I _y)	52.2 cm ⁴
Moment of resistance X (W _x)	17.4 cm ³
Moment of resistance Y (W _y)	17.4 cm ³
Torsional moment of inertia (I _t)	15.9 cm ⁴
Moment of torsion resistance (W _t)	8.8 cm ³
Packaging unit	1 piece
Recommended accessories	Mounting hole plug 60x60 black, Cover cap 60x60 signal gray, Cover cap with hole 60x60 black, Cover cap with hole 60x60 signal gray