

Strebenprofil 90x90 M16/D17, Aluminium eloxiert, Natur - Bosch Rexroth 3842992961

Item no. BRR-3842992961

Manufacturer Bosch Rexroth

The Bosch Rexroth Strut Profile 90x90 M16/D17 is a symmetric, anodized aluminum profile for industrial frame structures, machine guarding, and conveyor system assemblies. Eight open slots (size 10), a modular dimension of 45 mm, and a length range of 170 to 6000 mm provide broad flexibility within the Rexroth assembly technology system. The 90x90 mm cross-section delivers equal bending stiffness on both axes, with an area moment of inertia of 299.8 cm⁴ in each direction.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
Hinweis	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
Zolltarifnummer	76169990



DESCRIPTION

The Strut Profile 90x90 M16/D17 is a standard anodized aluminum profile for constructing machine frames, enclosures, workstation structures, and conveyor supports within the Bosch Rexroth assembly technology system. Its square 90x90 mm cross-section with eight open slots (slot size 10) and a 45 mm modular pitch integrates directly with the full range of Rexroth profile connectors and accessories.

- Eight open slots on all faces allow connections in any orientation without machining
- Area moment of inertia $I_x = I_y = 299.8 \text{ cm}^4$ delivers high, balanced bending stiffness on both axes
- Torsional moment of inertia $I_t = 118.6 \text{ cm}^4$ and torsion resistance $W_t = 26 \text{ cm}^3$ for reliable rigidity under combined loads
- Cut-to-length supply from 170 mm to 6000 mm reduces material waste
- Anodized surface (natural color) provides corrosion resistance and a clean industrial finish

TECHNICAL DATA

Property	Value
Cross-section	90x90 mm
Profile type	Standard
Profile slot	10

boxic24.com

Keldersstr. 15

42697 Solingen, Deutschland

VAT ID: DE269659389

Phone: +49 212 38340680

shop@boxic24.com

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Property	Value
Modular dimension	45 mm
Open slots	8
Length min (L min)	170 mm
Length max (L max)	6000 mm
Profile surface (A)	38.4 cm ²
Mass (m)	10.4 kg/m
Area moment of inertia X (I _x)	299.8 cm ⁴
Area moment of inertia Y (I _y)	299.8 cm ⁴
Moment of resistance X (W _x)	66.7 cm ³
Moment of resistance Y (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
Material	Aluminum, anodized
Color	Natural
Packaging unit	1