

Strebenprofil 60x90 M16, 6 Nuten, eloxiertes Aluminium - Bosch Rexroth 3842990453

Item no. BRR-3842990453 **Manufacturer** Bosch Rexroth

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Extruded anodized aluminum strut profile with a 60x90 mm cross-section and 60 mm modular dimension, designed for machine frames, guards, and fixtures. Six open profile slots (slot width 10 mm) allow connections on all sides. Available cut to length from 120 mm to 6000 mm.

TECHNICAL DATA

| | |
|------------------------|--|
| Article authenticity | Original product |
| Condition of article | New |
| Country of Manufacture | Germany |
| ESD-Ausführung | TEC |
| 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 |



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Bosch Rexroth Strut Profile 60x90 M16 is an anodized aluminum structural profile with a 60 mm modular dimension. Six open slots (10 mm width) provide connection points on every face, making it a versatile choice for machine frames, safety enclosures, and production fixtures in mechanical and plant engineering. Cut-to-length delivery (120 mm to 6000 mm) minimizes waste and simplifies assembly.

- Six open slots for flexible connections on all profile faces
- Anodized aluminum surface - corrosion-resistant with no further treatment required
- High bending stiffness: area moment of inertia $I_x = 214.2 \text{ cm}^4$, $I_y = 90.5 \text{ cm}^4$
- Profile adaption D17 available: drilling in slots B/F, C/E and D17V in slots A/D
- Cut to length from 120 mm to 6000 mm, packaging unit 1 piece

Technical data

| Property | Value |
|--|--|
| Cross-section | 60x90 mm |
| Modular dimension | 60 mm |
| Profile type | Standard |
| Color | Natural (anodized) |
| Open slots | 6 |
| Profile slot width | 10 mm |
| Length min. (L min) | 120 mm |
| Length max. (L max) | 6000 mm |
| Material | Aluminum, anodized |
| Mass (m) | 7 kg/m |
| Profile surface (A) | 25.8 cm ² |
| Area moment of inertia X (I_x) | 214.2 cm ⁴ |
| Area moment of inertia Y (I_y) | 90.5 cm ⁴ |
| Moment of resistance X (W_x) | 47.6 cm ³ |
| Moment of resistance Y (W_y) | 30.2 cm ³ |
| Torsional moment of inertia (I_t) | 45.8 cm ⁴ |
| Moment of torsion resistance (W_t) | 18 cm ³ |
| Profile adaption | D17: slots B/F, C/E - D17V: slots A/D |
| Recommended accessories | Cover cap 60x90 black/signal gray, Cover cap with hole 60x90 black/signal gray |