

Strebenprofil 60x90 mm, 6 Nuten, M16/D17V, Aluminium eloxiert - Bosch Rexroth 3842992963-1000

Item no. BRR-3842992963-1000 **Manufacturer** Bosch Rexroth

Manufacturer no. 3842992963-1000

Extruded anodized aluminum strut profile with a 60x90 mm cross-section and 6 open slots (10 mm slot width). The 60 mm modular dimension and pre-machined M16 and D17V adaptations allow direct bolt-on assembly without drilling. Available cut to length from 170 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 | 0.0099 kg |
| Zolltarifnummer | 76169990 |



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Strut Profile 60x90 M16/D17V is an anodized aluminum structural profile from the Bosch Rexroth Assembly Technology range, built on a 60 mm modular grid. Six open slots on all faces and factory-prepared machining in every slot plane make it a versatile backbone for machine frames, enclosures, and industrial workstations.

- 6 open slots - all faces accessible for connectors and accessories without rework

- M16 machining in slots B/F and C/E, D17V machining in slots A/D - direct bolt assembly, no drilling required
- High bending stiffness: area moment of inertia $I_x = 214.2 \text{ cm}^4$, $I_y = 90.5 \text{ cm}^4$
- Torsional moment of inertia $I_t = 45.8 \text{ cm}^4$, moment of torsion resistance $W_t = 18 \text{ cm}^3$
- Anodized aluminum, natural color - corrosion-resistant with consistent surface quality
- Cut-to-length service: 170 mm to 6000 mm, packaging unit 1 piece

Technical data

| Property | Value |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Cross-section | 60x90 mm |
| Modular dimension | 60 mm |
| Open slots | 6 |
| Slot width | 10 mm |
| Profile type | Standard |
| Profile adaption | M16 in slots B/F, C/E; D17V in slots A/D |
| Material | Aluminum, anodized |
| Color | Natural |
| Length min (L min) | 170 mm |
| Length max (L max) | 6000 mm |
| Profile surface (A) | 25.8 cm ² |
| Mass (m) | 7 kg/m |
| Area moment of inertia x-direction (I_x) | 214.2 cm ⁴ |
| Moment of resistance x-direction (W_x) | 47.6 cm ³ |
| Area moment of inertia y-direction (I_y) | 90.5 cm ⁴ |
| Moment of resistance y-direction (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 |
| Recommended accessories | Cover cap 60x90 black, Cover cap 60x90 signal gray, Cover cap with hole 60x90 black, Cover cap with hole 60x90 signal gray |