

Strebenprofil 40x160L, Aluminium eloxiert, ESD-geeignet, variable Länge 50-6070 mm - Bosch Rexroth 3842993143-1000

Item no. BRR-3842993143-1000 **Manufacturer** Bosch Rexroth

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Extruded anodized aluminum profile with a 40x160L cross-section for building load-bearing assembly structures and machine frames. Ten open slots on a 10 mm grid allow connections in all orientations; the profile is ESD-suitable and supplied cut to length between 50 mm and 6070 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 | 76042100 |



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Bosch Rexroth Strut Profile 40x160L is an anodized aluminum extrusion with an asymmetrically wide cross-section (40 mm x 160 mm). Ten open slots on a 10 mm modular pitch provide attachment points for brackets, connectors, and accessories throughout the Rexroth profile system. ESD suitability makes it a reliable choice for electrostatically controlled environments in electronics

production and laboratory settings.

- High bending stiffness in the x-direction: area moment of inertia $I_x = 466.7 \text{ cm}^4$, moment of resistance $W_x = 58.3 \text{ cm}^3$
- Ten open slots (profile slot 10 mm) for maximum connection flexibility
- ESD-suitable for electrostatic discharge sensitive manufacturing environments
- Variable cut-to-length: 50 mm to 6070 mm - no fixed-length stock pressure
- Pre-machined cores: M12 in all core pulls, D17 in slots B/J, C/I, D/H, E/G
- Anodized aluminum - corrosion-resistant, uniform surface finish, natural color

Technical data

| Property | Value |
|--|--|
| Cross-section | 40x160L |
| Dimensions | 40 x 160 mm |
| Modular dimension | 40 mm |
| Profile slot | 10 mm |
| Open slots | 10 |
| Profile type | Standard |
| Material | Aluminum, anodized |
| Color | Natural |
| ESD | Yes |
| Length min (L min) | 50 mm |
| Length max (L max) | 6070 mm |
| Condition on delivery | Variable length |
| Profile surface (A) | 20.5 cm ² |
| Mass (m) | 5.5 kg/m |
| Area moment of inertia x (I_x) | 466.7 cm ⁴ |
| Moment of resistance x (W_x) | 58.3 cm ³ |
| Area moment of inertia y (I_y) | 37.2 cm ⁴ |
| Moment of resistance y (W_y) | 18.6 cm ³ |
| Torsional moment of inertia (I_t) | 25.8 cm ⁴ |
| Moment of torsion resistance (W_t) | 14.6 cm ³ |
| Machining | M12 in all core pulls; D17 in slots B/J, C/I, D/H, E/G |
| Packaging unit | 1 |
| Recommended accessories | Cover cap 40x80, signal gray; Cover cap 40x80, black |