

Strebenprofil 80x160L M12/D17, ESD-geeignet, Aluminium eloxiert - Bosch Rexroth 3842993153

Item no. **BRR-3842993153**

Manufacturer **Bosch Rexroth**

Heavy-duty aluminum strut profile with an 80x160L cross-section for building rigid machine frames and assembly structures. Twelve open slots, a 40 mm modular dimension, and ESD compatibility provide broad connection flexibility. Cut to length between 90 mm and 6000 mm; mass 8.9 kg/m.

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



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The 80x160L M12/D17 strut profile from Bosch Rexroth is an anodized aluminum extrusion designed for demanding machine frames, workstation structures, and industrial assembly systems. The asymmetric 80x160 mm cross-section delivers substantially higher bending stiffness in the primary load direction compared to a square profile of equivalent cross-sectional area, while keeping overall weight low.

- 12 open slots (slot width 10 mm) for maximum connection flexibility on all faces
- 40 mm modular dimension, fully compatible with the complete Bosch Rexroth aluminum structural system
- ESD-compatible for safe use in electrostatically sensitive production and laboratory environments
- Pre-machined holes: M12 in all core bores, D17 in slots C/L, D/K, E/J and F/I, D17V in slots A/H and B/G - reducing assembly time on site
- Cut to length from 90 mm to 6000 mm, packaging unit 1 piece

TECHNICAL DATA

Property	Value
Cross-section	80x160L mm
Dimensions	80x160 mm
Profile type	Standard
Color	Natural (anodized)
Material	Aluminum, anodized
Modular dimension	40 mm
Profile slot width	10 mm
Open slots	12
ESD-compatible	Yes
Profile surface [A]	32.9 cm ²
Mass [m]	8.9 kg/m
Length min	90 mm
Length max	6000 mm
Area moment of inertia X [Ix]	850.7 cm ⁴
Moment of resistance X [Wx]	106.3 cm ³
Area moment of inertia Y [Iy]	253.4 cm ⁴
Moment of resistance Y [Wy]	63.4 cm ³
Torsional moment of inertia [It]	182 cm ⁴
Moment of torsion resistance [Wt]	41.1 cm ³
Machining M12	In all core bores
Machining D17	In slots C/L, D/K, E/J, F/I
Machining D17V	In slots A/H, B/G
Packaging unit	1 piece
Recommended accessories	Cover cap 80x80 signal gray, mounting hole plug 80x80 black