

Strebenprofil 80x160L D17 - eloxiertes Aluminiumprofil mit ESD-Schutz, 12 Nuten - Bosch Rexroth 3842993154

Item no. BRR-3842993154

Manufacturer Bosch Rexroth

The 80x160L D17 strut profile is a heavy-duty anodized aluminum structural section for machine frames and assembly systems. Twelve open slots on a 40 mm grid, combined with factory-drilled M12 and D17 bores, enable fast and flexible connections. ESD certification makes it suitable for electrostatic-sensitive production and test environments. Cut-to-length service from 60 mm to 6000 mm.

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 Bosch Rexroth 80x160L D17 strut profile is an asymmetric aluminum section in the 80 mm modular system, delivering high bending stiffness and broad connectivity for demanding machine frames, gantries, and industrial workstations. Factory machining eliminates on-site drilling and speeds up assembly.

- 12 open slots on a 40 mm grid for maximum connection flexibility
- ESD-safe: certified for use in electrostatic-protected work areas
- Factory machining included: M12 threads in all core bores; D17 holes in slots C/L, D/K, E/J, F/I; D17V holes in slots A/H, B/G
- Cut to length from 60 mm to 6000 mm - supplied as single piece (packaging unit 1)
- High bending stiffness: area moment of inertia $I_x = 850.7 \text{ cm}^4$, $I_y = 253.4 \text{ cm}^4$
- Anodized aluminum, natural color - corrosion-resistant and low maintenance

TECHNICAL DATA



Property	Value
Cross-section	80x160 mm
Profile type	Standard (L version)
Modular dimension	40 mm
Profile slot	10 mm
Open slots	12
ESD	Yes
Material	Aluminum, anodized, natural color
Length min. (L min)	60 mm
Length max. (L max)	6000 mm
Profile surface (A)	32.9 cm ²
Mass (m)	8.9 kg/m
Area moment of inertia x-direction (Ix)	850.7 cm ⁴
Area moment of inertia y-direction (Iy)	253.4 cm ⁴
Moment of resistance x-direction (Wx)	106.3 cm ³
Moment of resistance y-direction (Wy)	63.4 cm ³
Torsional moment of inertia (It)	182 cm ⁴
Moment of torsion resistance (Wt)	41.1 cm ³
Profile machining	M12 in all core bores; D17 in slots C/L, D/K, E/J, F/I; D17V in slots A/H, B/G
Recommended accessories	Cover cap 80x80 signal gray, cover cap 80x80 black
Packaging unit	1 piece