

Strebenprofil 80x80L D17/D17, 1000 mm, Aluminium eloxiert, ESD- geeignet - Bosch Rexroth 3842993150-1000

Item no. BRR-3842993150-1000

Manufacturer Bosch Rexroth

Strut profile 80x80L in anodized aluminum for modular assembly of workstations, machine frames and automation structures on a 40 mm grid. Eight open slots (slot width 10 mm) and ESD suitability make it a reliable choice for electronics manufacturing environments. Supplied at 1000 mm with M12 tapping in all central bores and D17 holes in slots A/F and B/E.

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	0.0099 kg
Zolltarifnummer	76169990



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The 80x80L strut profile provides a high-rigidity structural base for modular workstations, machine frames and automation systems. Eight open slots on the 40 mm grid allow connections at any face using standard profile accessories, while the anodized aluminum finish and ESD suitability cover requirements in electronics production and ESD-protected areas.

- 8 open slots (slot width 10 mm) for flexible, multi-face connections with standard accessories
- ESD-suitable for electrostatic discharge-protected workplaces
- Pre-machined: M12 in all central bores, D17 in slots A/F and B/E, D17V in slots C/H and D/G
- High bending stiffness: area moment of inertia $I_x = I_y = 132.1 \text{ cm}^4$, section modulus $W_x = W_y = 33 \text{ cm}^3$
- Material: anodized aluminum (natural color) - corrosion-resistant and durable
- 1000 mm length; same profile series available from 80 mm to 6000 mm

TECHNICAL DATA

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Property	Value
Cross-section	80x80L
Dimensions [mm]	80 x 80
Length [mm]	1000
Length min / max [mm]	80 / 6000
Modular dimension [mm]	40
Profile slot [mm]	10
Open slots	8
Profile type	Standard
Color	Natural
Material	Aluminum, anodized
ESD-suitable	Yes
Profile surface A [cm ²]	18.2
Area moment of inertia I _x [cm ⁴]	132.1
Area moment of inertia I _y [cm ⁴]	132.1
Section modulus W _x [cm ³]	33
Section modulus W _y [cm ³]	33
Torsional moment of inertia I _t [cm ⁴]	59.8
Torsional section modulus W _t [cm ³]	17.2
Mass m [kg]	4.9
Profile machining	M12: all central bores; D17: slots A/F, B/E; D17V: slots C/H, D/G
Packaging unit	1
Recommended accessories	Cover cap 80x80 signal gray, mounting hole plug 80x80 black