

Strebenprofil 80x80L D17/D17, 8 Nuten, ESD- geeignet, Aluminium eloxiert - Bosch Rexroth 3842993150

Item no. BRR-3842993150

Manufacturer Bosch Rexroth

Heavy-duty aluminum strut profile with an 80x80L cross-section and eight open slots (modular dimension 40 mm, slot width 10 mm) for building load-bearing assembly frames and machine structures. The anodized finish meets ESD requirements; integrated machining - M12 in all core pulls, D17/D17V in the respective slot faces - minimizes installation effort. Available as a cut-to-length piece from 80 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 80x80L strut profile is a doubly symmetrical aluminum extrusion for demanding load-bearing structures in mechanical and plant engineering. Eight open slots on a 40 mm grid provide full connection flexibility on all faces without additional machining. ESD suitability makes it the reliable choice in electronics manufacturing and wherever electrostatic discharge is a concern.

- Eight open slots (slot width 10 mm, modular dimension 40 mm) for unrestricted connection options on all sides
- Integrated bore machining: M12 in all core pulls, D17 in slots A/F and B/E, D17V in slots C/H and D/G - reduces assembly time
- ESD-suitable anodized aluminum protects sensitive assemblies from electrostatic discharge
- Cut-to-length from 80 mm to 6000 mm, packaging unit 1 piece
- High torsional and bending stiffness from the optimized cross-section ($I_x = I_y = 132.1 \text{ cm}^4$)

TECHNICAL DATA



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