

Strebenprofil 80x80L ESD-geeignet, 8 Nuten, eloxiertes Aluminium, 1000 mm - Bosch Rexroth 3842993149-1000

Item no. BRR-3842993149-1000 **Manufacturer** Bosch Rexroth

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Extruded anodized aluminum strut profile with 80x80L cross-section, 8 open slots, and a modular dimension of 40 mm for building machine frames, guarding, and handling systems. ESD-suitable for use in electrostatic-sensitive production areas. Supplied at 1000 mm with standard bore machining: M12 in all core holes, D17 in slots A/F and B/E.

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	76169990



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Bosch Rexroth 80x80L strut profile is an anodized aluminum section with 8 open slots and a 40 mm modular grid. It forms the structural backbone of machine frames, protective enclosures, and assembly or handling systems. ESD suitability makes it directly applicable in electrostatic-discharge-protected production environments.

- 8 open slots (slot width 10) allow connections and alignments in any direction without additional machining
- ESD-suitable - for use in EPA (electrostatic protected area) environments
- Standard bore machining included: M12 in all core holes, D17 in slots A/F and B/E, D17V in slots C/H and D/G
- Symmetric area moment of inertia $I_x = I_y = 132.1 \text{ cm}^4$ - equal load capacity in both principal axes
- Available cut-to-length from 60 mm to 6000 mm; this item: 1000 mm

Technical data

Property	Value
Cross-section	80x80L
Dimensions [mm]	80x80
Length [mm]	1000
Length min / max [mm]	60 / 6000
Modular dimension [mm]	40
Profile slot	10
Open slots	8
Profile type	Standard
Material	Aluminum, anodized
Color	Natural
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
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
Mass m [kg]	4.9
Profile machining	M12: all core holes; D17: slots A/F, B/E; D17V: slots C/H, D/G
Recommended accessories	Cover cap 80x80 signal gray, Mounting hole plug 80x80 black
Packaging unit	1