

Strebenprofil 40x80L D17V/D17V, eloxiertes Aluminium, 1000 mm - Bosch Rexroth 3842993138-1000

Item no. BRR-3842993138-1000 **Manufacturer** Bosch Rexroth

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Strut profile 40x80L with D17V bores in slots A/D and M12 tapped cores throughout, anodized aluminum, ESD-compatible. Length 1000 mm, modular dimension 40 mm, 6 open slots for flexible connections in assembly systems. Packaging unit: 1 piece.

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 40x80L strut profile is a structural component for the Bosch Rexroth assembly system, suited to frames, machine guards, and workstation structures. Anodized aluminum construction, ESD compatibility, and pre-machined connection points reduce engineering time and keep build quality consistent.

- ESD-compatible - safe for use in electrostatically sensitive production areas
- D17V bores in slots A/D, D17 bores in slots B/F and C/E, M12 threads in all core pulls - connection flexibility without extra machining
- 6 open slots (slot width 10 mm) accept connectors, brackets, and accessories along the full profile length
- Area moment of inertia I_x 63.4 cm⁴, W_x 15.9 cm³ - high bending stiffness in the primary load direction
- Anodized aluminum - corrosion-resistant, lightweight, dimensionally stable
- Length 1000 mm (order length); standard lengths from 80 mm to 6000 mm available

Technical data

Parameter	Value
Cross-section	40x80L
Modular dimension	40 mm
Profile slot width	10 mm
Open slots	6
Length (this order)	1000 mm
Length min / max	80 mm / 6000 mm
Material	Aluminum, anodized
Color	Natural
ESD-compatible	Yes
Profile adaption	M12: all core pulls; D17: slots B/F, C/E; D17V: slots A/D
Mass	2.7 kg/m
Profile surface [A]	9.9 cm ²
Area moment of inertia [I_x]	63.4 cm ⁴
Moment of resistance [W_x]	15.9 cm ³
Area moment of inertia [I_y]	17.3 cm ⁴
Moment of resistance [W_y]	8.7 cm ³
Torsional moment of inertia [I_t]	8.02 cm ⁴
Moment of torsion resistance [W_t]	4.8 cm ³
Profile type	Standard
Packaging unit	1 piece
Recommended accessories	Cover cap 40x80 signal gray, Cover cap 40x80 black, Cover cap with hole 40x80 signal gray, Cover cap with hole 40x80 black