

Strebenprofil 40x40 1N M12/M12, 1000 mm, Aluminium eloxiert, ESD-geeignet - Bosch Rexroth 3842993186-1000

Item no. BRR-3842993186-1000 **Manufacturer** Bosch Rexroth

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Strut profile 40x40 1N with M12 end threads at both ends for direct, tool-free connection to adjacent profiles and fittings. Cross-section 40x40 mm, one open slot (slot width 10 mm), anodized aluminum in natural finish - ESD-suitable. Supplied at 1000 mm; custom lengths available from 110 to 6000 mm.

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 strut profile 40x40 1N M12/M12 is designed for diagonal bracing, frame reinforcement, and support structures in industrial assembly systems. Pre-cut M12 threads at both face ends allow direct screw connections without additional brackets or adapters, reducing assembly time and part count. The anodized aluminum construction meets ESD requirements for electronics assembly and sensitive production environments.

- One open slot (width 10 mm, modular dimension 40 mm) accepts T-slot nuts, brackets, and attachments along the full length
- M12 end threads at both faces for fast, direct connections without extra hardware
- Anodized aluminum, natural color - lightweight, corrosion-resistant, and ESD-suitable
- Flexible cut-to-length service: 110 to 6000 mm; standard delivery length 1000 mm
- High rigidity: area moment of inertia $I_x = 9.8 \text{ cm}^4$, $I_y = 10.3 \text{ cm}^4$

Technical data

Property	Value
Cross-section	40x40L 1N
Profile type	1N
Dimensions	40 x 40 mm
Delivery length	1000 mm
Length min / max	110 mm / 6000 mm
Modular dimension	40 mm
Profile slot width	10 mm
Open slots	1
End threads	M12 / M12
Material	Aluminum, anodized
Color	Natural
ESD-suitable	Yes
Mass [m]	1.7 kg/m
Profile surface [A]	6.1 cm ²
Area moment of inertia I_x	9.8 cm ⁴
Area moment of inertia I_y	10.3 cm ⁴
Moment of resistance W_x	4.7 cm ³
Moment of resistance W_y	5.1 cm ³
Torsional moment of inertia I_t	6.9 cm ⁴
Moment of torsion resistance W_t	3.7 cm ³
Packaging unit	1 piece
Recommended accessories	Cover cap 40x40 signal gray, Cover cap 40x40 black, Cover cap with hole 40x40 signal gray, Cover cap with hole 40x40 black