

Strebenprofil 40x40 1N M12/M12, eloxiertes Aluminium, ESD-geeignet - Bosch Rexroth 3842993186

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

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Anodized aluminum strut profile with a 40x40 mm cross-section, type 1N with one open slot (10 mm slot width) and M12 end machining on both sides. ESD-suitable and available cut to length from 110 mm to 6000 mm - designed for the Bosch Rexroth Grid 40 modular assembly system.

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	0.1 kg
Zolltarifnummer	76169990



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Strut Profile 40x40 1N M12/M12 from Bosch Rexroth is an anodized aluminum profile within the Grid 40 system, built for constructing assembly frames, workstation structures, and machine enclosures. The 1N profile type carries one open slot and delivers reliable stiffness - area moment of inertia 9.8 cm⁴ (x-direction) and 10.3 cm⁴ (y-direction) - at a linear mass of 1.7 kg/m. M12 end machining at both ends allows direct connection with strut connectors, eliminating on-site drilling. ESD suitability is confirmed by the manufacturer.

- Anodized aluminum - corrosion-resistant and dimensionally stable over the long term
- ESD-suitable for use in electrostatic discharge-protected environments
- Cut-to-length flexibility: 110 mm to 6000 mm
- 40 mm modular dimension - compatible with the full Bosch Rexroth Grid 40 range
- M12/M12 end bores for fast, tool-free connection assembly

Technical data

Parameter	Value
Cross-section	40x40 mm
Profile type	1N
Open slots	1
Profile slot [mm]	10
Modular dimension [mm]	40
Length min [mm]	110
Length max [mm]	6000
Material	Aluminum, anodized
Color	Natural
ESD	Yes
Mass [kg/m]	1.7
Profile surface [A] [cm ²]	6.1
Area moment of inertia I _x [cm ⁴]	9.8
Area moment of inertia I _y [cm ⁴]	10.3
Moment of resistance W _x [cm ³]	4.7
Moment of resistance W _y [cm ³]	5.1
Torsional moment of inertia I _t [cm ⁴]	6.9
Moment of torsion resistance W _t [cm ³]	3.7
Packaging unit	1