

Strebenprofil 40x40 HR M12/M12 - eloxiertes Aluminium, ESD-geeignet, 1 offene Nut - Bosch Rexroth 3842993257

Item no. BRR-3842993257 **Manufacturer** Bosch Rexroth

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Semicircular aluminum strut profile with 40x40 mm cross-section (HR), M12 threaded connections at both ends, and one 10 mm profile slot. The anodized finish makes it ESD-compatible; cut-to-length delivery from 110 mm to 6000 mm. Suited for assembly frames, guarding, and workstation structures on the 40 mm grid.

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 40x40 HR M12/M12 strut profile combines a compact semicircular cross-section with a central 10 mm profile slot and M12 threaded connections at both ends. Anodized aluminum construction provides ESD compatibility and corrosion resistance, while the 40 mm modular grid aligns directly with the full Bosch Rexroth aluminum profile system.

- Semicircular (HR) profile shape eliminates sharp edges in operator areas and simplifies cleaning.
- M12/M12 threaded ends allow direct bolted connections without separate end connectors.
- ESD-compatible - suitable for use in electrostatically sensitive production environments.
- Cut to length on order: 110 mm to 6000 mm, supplied per piece.
- Area moment of inertia I_x 8.1 cm⁴ / I_y 7.6 cm⁴ provides adequate bending stiffness for the 40 mm grid.

Technical data

Parameter	Value
Cross-section	40x40 HR
Profile type	Semicircular
Modular dimension	40 mm
Profile slot	10 mm
Open slots	1
Thread connection	M12 / M12
Length min.	110 mm
Length max.	6000 mm
Material	Aluminum, anodized
Color	Natural
ESD-compatible	Yes
Mass (m)	1.5 kg/m
Profile surface (A)	5.5 cm ²
Area moment of inertia I_x	8.1 cm ⁴
Area moment of inertia I_y	7.6 cm ⁴
Moment of resistance W_x	4.0 cm ³
Moment of resistance W_y	3.6 cm ³
Torsional moment of inertia I_t	4.6 cm ⁴
Moment of torsion resistance W_t	2.8 cm ³
Packaging unit	1 piece
Recommended accessories	Cover cap 40x40 HR signal gray, Cover cap 40x40 HR black, Cover cap with hole 40x40 HR signal gray, Cover cap with hole 40x40 HR black