

Strebenprofil 40x40 HR M12/M12, Aluminium eloxiert, ESD-geeignet, 1000 mm - Bosch Rexroth 3842993257-1000

Item no. BRR-3842993257-1000 **Manufacturer** Bosch Rexroth

Manufacturer no. 3842993257-1000

Semicircular-section aluminum strut profile (40x40 HR) with one open slot (10 mm pitch, M12/M12 end threads) for diagonal bracing and frame structures in assembly and automation systems. Anodized finish, ESD-safe, natural color. Supplied at 1000 mm; custom lengths from 110 to 6000 mm available.

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 40x40 HR M12/M12 strut profile is a single-slot aluminum structural profile with a semicircular cross-section, part of the Bosch Rexroth aluminum profile system. The HR geometry delivers a flush, clean exterior face - ideal for diagonal braces, stiffeners, and frame applications where one side must remain visually or physically unobstructed.

- Semicircular (HR) cross-section provides a smooth outer surface for flush-mounted panels and guards
- One open T-slot (10 mm pitch) accepts standard T-nuts and connectors from the 40 mm modular system
- M12/M12 end bores at both faces allow direct bolt-on connections without additional machining
- Anodized aluminum, ESD-safe - suitable for use in electrostatic-sensitive production and test environments
- 1000 mm stock length; custom-cut sections from 110 to 6000 mm available on request

Technical data

Property	Value
Cross-section	40x40 HR
Profile type	Semicircular
Modular dimension	40 mm
Profile slot width	10 mm
Open slots	1
End bore threads	M12 / M12
Length (this item)	1000 mm
Length min / max	110 mm / 6000 mm
Material	Aluminum, anodized
Color	Natural
ESD-safe	Yes
Mass (1000 mm)	1.5 kg
Profile surface area [A]	5.5 cm ²
Area moment of inertia [Ix]	8.1 cm ⁴
Area moment of inertia [Iy]	7.6 cm ⁴
Moment of resistance [Wx]	4.0 cm ³
Moment of resistance [Wy]	3.6 cm ³
Torsional moment of inertia [It]	4.6 cm ⁴
Torsional moment of resistance [Wt]	2.8 cm ³
Packaging unit	1 piece