

Strebenprofil 40x40 HR, Aluminium eloxiert, ESD-geeignet, Länge 50-6070 mm - Bosch Rexroth 3842993256

Item no. BRR-3842993256 **Manufacturer** Bosch Rexroth

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Anodized aluminium strut profile with semicircular cross-section 40x40 HR for flexible use in assembly and workstation systems. One open profile slot (10 mm) allows straightforward integration of connectors and attachments. ESD-compatible; cut to length from 50 to 6070 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	0.1 kg
Zolltarifnummer	76042100



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The 40x40 HR strut profile is a core structural element of the Bosch Rexroth Assembly Technology system, manufactured from anodized aluminium. Its semicircular cross-section with a 40 mm modular dimension and one open 10 mm slot accepts system-compatible connectors and add-on components without additional machining. ESD compatibility makes it suitable for electrostatic-sensitive assembly environments in electronics production.

- Cut to length from 50 mm to 6070 mm - exact fit for any frame or structure
- Anodized surface finish: corrosion-resistant, durable, and low-maintenance
- ESD-compatible for use in EPA (electrostatic protected area) workstations
- Profile area 5.5 cm² at 1.5 kg/m - rigid yet lightweight
- Fully compatible with the complete Bosch Rexroth Assembly Technology range

Technical data

Property	Value
Cross-section	40x40 HR
Profile type	Semicircular
Modular dimension	40 mm
Profile slot	10 mm
Open slots	1
Length min. (L min)	50 mm
Length max. (L max)	6070 mm
Material	Aluminium, anodized
Color	Natural
ESD-compatible	Yes
Profile surface (A)	5.5 cm ²
Mass (m)	1.5 kg/m
Area moment of inertia X (I _x)	8.1 cm ⁴
Area moment of inertia Y (I _y)	7.6 cm ⁴
Moment of resistance X (W _x)	4.0 cm ³
Moment of resistance Y (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
Condition on delivery	Variable length