

Strebenprofil 40HR, 6070 mm, Aluminium eloxiert, ESD-geeignet - Bosch Rexroth 3842564216

Item no. BRR-3842564216 **Manufacturer** Bosch Rexroth

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Semicircular strut profile with 40x40 HR cross-section and 6070 mm length, made from anodized aluminum for ESD-protected assembly lines and workstation structures. The single open slot (profile slot 10, 40 mm modular dimension) integrates directly with Rexroth connecting elements and accessories. Supplied as a single rod in standard length.

TECHNICAL DATA

Article authenticity	Original product
Condition of article	New
Country of Manufacture	Germany
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.
Lenght	6070 mm
Weight	9.13 kg
Zolltarifnummer	76042100



LENGHT

6070 mm

WEIGHT

9.13 kg

STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The 40HR strut profile at 6070 mm is a structural aluminum extrusion from the Rexroth Assembly Technology system. Its semicircular 40x40 HR cross-section with one open slot (profile slot 10) accepts connectors, brackets, and system components on the 40 mm grid - no secondary machining required. ESD suitability qualifies it for electrostatic protected areas (EPA) in electronics manufacturing and device assembly.

- Anodized aluminum: corrosion-resistant, conductive, and durable under continuous industrial use
- Semicircular profile type HR: reduced injury risk at exposed edges, smooth to handle
- Profile slot 10 on 40 mm grid: direct compatibility across the full Rexroth modular assembly system
- ESD-suitable: safe for use in electrostatic sensitive areas per EPA requirements
- Supplied as a single rod in standard length - can be cut to size as required

Technical data

Property	Value
Cross-section	40x40 HR
Profile type	Semicircular
Length [L]	6070 mm
Modular dimension	40 mm
Profile slot	10
Open slots	1
Material	Aluminum, anodized
Color	Natural
ESD	Yes
Profile surface [A]	5.5 cm ²
Area moment of inertia in x-direction [Ix]	8.1 cm ⁴
Area moment of inertia in y-direction [Iy]	7.6 cm ⁴
Moment of resistance in x-direction [Wx]	4.0 cm ³
Moment of resistance in y-direction [Wy]	3.6 cm ³
Mass [m]	1.5 kg
Weight (delivery unit)	9.13 kg
Packaging unit	1
Condition on delivery	Single rod in standard length
Recommended accessories	Cover cap 40x40 HR (signal gray / black), Cover cap with hole 40x40 HR (signal gray / black)