

Strebenprofil 45x45° ESD-geeignet, Aluminium eloxiert, variable Länge 50-6070 mm - Bosch Rexroth 3842993014

Item no. BRR-3842993014

Manufacturer Bosch Rexroth

Anodized aluminum strut profile with 45° cross-section and two open slots (modular dimension 45 mm) for building ESD-compliant assembly frames and structures. Cut to length from 50 mm to 6070 mm. Profile slot 10, profile surface 7.6 cm².

TECHNICAL DATA

Ausführungsklasse	TEC
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.
Weight	0.1 kg
Zolltarifnummer	76042100



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STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Bosch Rexroth 45x45G strut profile is an anodized aluminum angle profile with a 45° cross-section from the Rexroth Profile System 45. Two open slots and a 45 mm modular dimension allow direct integration into existing Rexroth aluminum frame constructions, and the ESD-compatible surface makes it suitable for electrostatic-sensitive workplaces.

- ESD-compatible: anodized aluminum surface meets the requirements of electrostatic protected areas
- Flexible cut-to-length: 50 mm to 6070 mm, supplied per piece
- Two open slots for connecting brackets, angles, and accessories without additional machining
- High bending stiffness: area moment of inertia $I_x = 13.4 \text{ cm}^4$ / $I_y = 21.4 \text{ cm}^4$
- Compatible with Rexroth accessories for the 45 mm modular system (profile slot 10)

TECHNICAL DATA

Property	Value
Cross-section	45x45°

Property	Value
Profile type	45 degrees
Modular dimension	45 mm
Profile slot	10
Open slots	2
Length min (L min)	50 mm
Length max (L max)	6070 mm
Profile surface (A)	7.6 cm ²
Area moment of inertia I _x	13.4 cm ⁴
Area moment of inertia I _y	21.4 cm ⁴
Moment of resistance W _x	5.2 cm ³
Moment of resistance W _y	6.4 cm ³
Torsional moment of inertia (I _t)	9 cm ⁴
Moment of torsion resistance (W _t)	6.8 cm ³
Mass	2 kg/m
Material	Aluminum, anodized
Color	Natural
ESD	Yes
Packaging unit	1 piece
Recommended accessories	Cover cap 45x45°, black; Cover cap 45x45°, signal gray