

Strebenprofil 45x45G, ESD-geeignet, Aluminium eloxiert, 1000 mm - Bosch Rexroth 3842993014-1000

Item no. BRR-3842993014-1000

Manufacturer Bosch Rexroth

45x45G strut profile in anodized aluminum for the Bosch Rexroth assembly system. Two open slots in a 45-degree profile geometry, modular dimension 45 mm, ESD-suitable - available in variable lengths from 50 to 6070 mm, standard length 1000 mm. Suited for building ESD-safe assembly lines and conveyor structures.

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	0.0099 kg
Zolltarifnummer	76042100



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The 45x45G strut profile is an anodized aluminum section from the Bosch Rexroth assembly system, featuring a 45-degree profile geometry with 2 open slots. It is designed for flexible construction of assembly lines, conveyor systems and guarding structures in ESD-sensitive environments. Standard length 1000 mm, cut-to-length available from 50 to 6070 mm.

- ESD-suitable - safe use in production areas with electrostatic discharge requirements
- Variable length 50 to 6070 mm - cut to size reduces material waste
- 2 open slots with profile slot 10 - full access for connectors and attachments along the entire length
- Modular dimension 45 mm - fully compatible with the Bosch Rexroth 45 series modular system
- Anodized aluminum, natural finish - corrosion-resistant, lightweight and dimensionally stable

TECHNICAL DATA

Property	Value
Cross-section	45x45°
Profile type	45 degrees

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Property	Value
Open slots	2
Profile slot	10
Modular dimension	45 mm
Length (this variant)	1000 mm
Length min / max	50 mm / 6070 mm
Material	Aluminum, anodized
Color	Natural
ESD	Yes
Profile surface [A]	7.6 cm ²
Mass [m]	2 kg/m
Area moment of inertia [Ix]	13.4 cm ⁴
Area moment of inertia [Iy]	21.4 cm ⁴
Moment of resistance [Wx]	5.2 cm ³
Moment of resistance [Wy]	6.4 cm ³
Torsional moment of inertia [It]	9 cm ⁴
Moment of torsion resistance [Wt]	6.8 cm ³
Packaging unit	1
Recommended accessories	Cover cap 45x45°, black; Cover cap 45x45°, signal gray