

Strebenprofil 45x45L 2N, eloxiertes Aluminium, ESD, L=6070 mm - Bosch Rexroth 3842557234

Item no. BRR-3842557234 **Manufacturer** Bosch Rexroth

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Strut profile with 45x45L cross-section (type 2N) in anodized aluminum, 6070 mm long, ESD-rated. Two open slots with a 10 mm profile slot and 45 mm modular dimension allow flexible attachment of connectors along two sides. Supplied as a single rod in standard length for immediate use in assembly frames, guards, and machine enclosures.

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	10.6 kg
Zolltarifnummer	76042100



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Bosch Rexroth 45x45L 2N strut profile is an anodized aluminum extrusion from the established 45 mm profile series. At 6070 mm in length with two open slots and a 10 mm profile slot, it provides the structural backbone for assembly frames, workstations, protective guards, and transport racks. ESD suitability extends its use to electrostatically sensitive production environments.

- 45x45L cross-section, type 2N: two open slots enable connections on two faces without rework
- Anodized aluminum: corrosion-resistant, lightweight, and dimensionally stable
- ESD-rated: suitable for electrostatic discharge-sensitive areas
- 45 mm modular dimension: fully compatible with the Bosch Rexroth 45 mm profile system
- Supplied as a single rod in standard length - ready to install

Technical data

Property	Value
Cross-section	45x45L 2N
Profile type	2N
Dimensions	45x45 mm
Length [L]	6070 mm
Modular dimension	45 mm
Profile slot	10 mm
Open slots	2
Material	Aluminum, anodized
Color	Natural
ESD	Yes
Profile surface [A]	6.4 cm ²
Mass [m]	1.7 kg/m
Weight (rod)	10.6 kg
Area moment of inertia X [Ix]	11.6 cm ⁴
Area moment of inertia Y [Iy]	13.5 cm ⁴
Moment of resistance X [Wx]	5.2 cm ³
Moment of resistance Y [Wy]	6.0 cm ³
Torsional moment of inertia [It]	5.5 cm ⁴
Moment of torsion resistance [Wt]	4.3 cm ³
Condition on delivery	Single rod in standard length
Packaging unit	1
Recommended accessories	Cover cap 45x45 signal gray, Cover cap 45x45 black, Cover cap with hole 45x45 signal gray, Cover cap with hole 45x45 black, Cover cap 45x45-ZN