

Strebenprofil 45x45L 3N, Länge 6070 mm, ESD, Aluminium eloxiert - Bosch Rexroth 3842557235

Item no. BRR-3842557235 **Manufacturer** Bosch Rexroth

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Anodized aluminum strut profile with 45x45 mm cross-section, three open slots, and ESD suitability for the Rexroth Assembly Technology 45 system. Supplied as a single rod in standard length (6070 mm) with slot width 10 and modular dimension 45 mm for direct integration into existing Rexroth profile structures. Recommended accessories: cover caps 45x45 in signal gray or black.

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	10.2 kg
Zolltarifnummer	76042100



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The 45x45L 3N strut profile is a load-bearing structural element for the Bosch Rexroth Assembly Technology 45 system, used in machine frames, protective enclosures, and workstation structures. The anodized aluminum section provides three open slots, meets ESD requirements, and integrates directly with existing constructions via slot width 10 and modular dimension 45 mm.

- Three open slots (profile type 3N) allow connections on three sides without reconfiguration.
- Anodized aluminum: corrosion-resistant, lightweight, and suitable for ESD-sensitive environments (ESD: yes).
- Profile surface 6.2 cm² with section moduli W_x 5.4 cm³ / W_y 5.2 cm³ for rigid frame assemblies.
- Standard length 6070 mm, supplied as a single rod - no minimum order quantity, packaging unit 1.
- Modular dimension 45 mm, profile slot 10: fully compatible with the complete Rexroth 45 accessory range.

Technical data

Property	Value
Cross-section	45x45L 3N
Profile type	3N
Dimensions	45x45 mm
Length [L]	6070 mm
Modular dimension	45 mm
Profile slot	10
Open slots	3
Material	Aluminum, anodized
Color	Natural
ESD	yes
Profile surface [A]	6.2 cm ²
Mass [m]	1.7 kg/m
Weight (rod)	10.2 kg
Moment of resistance X [W_x]	5.4 cm ³
Moment of resistance Y [W_y]	5.2 cm ³
Area moment of inertia X [I_x]	12.6 cm ⁴
Area moment of inertia Y [I_y]	11.7 cm ⁴
Torsional moment of inertia [I_t]	3.4 cm ⁴
Moment of torsion resistance [W_t]	2.4 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