

Strebenprofil 45x45L 3N, eloxiertes Aluminium, ESD- geeignet, variable Länge 50-6070 mm - Bosch Rexroth 3842992404

Item no. BRR-3842992404

Manufacturer Bosch Rexroth

Anodized aluminum strut profile with 45 mm modular dimension and three open slots for flexible assembly frames and ESD-protected workstation systems. The 45x45L 3N cross-section is cut to length on order (50 to 6070 mm) and integrates with the complete Bosch Rexroth 45 series profile range.

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

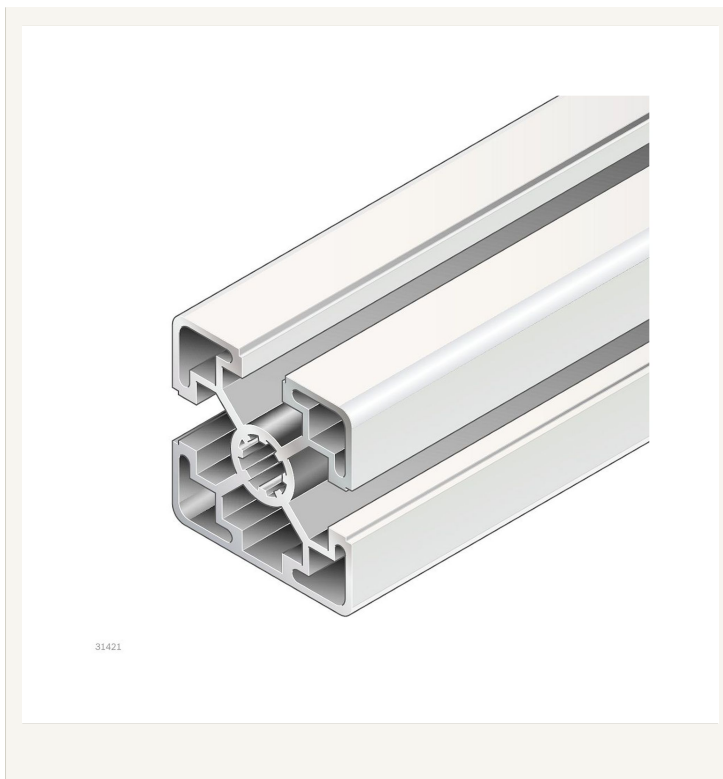
STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The 45x45L 3N strut profile in anodized aluminum is a core structural element of the Bosch Rexroth 45 mm modular assembly system. Three open profile slots (slot width 10 mm) on three faces allow continuous positioning of connectors, crossbars, and attachments along the full length without pre-drilling. ESD suitability makes this profile the right choice for electrostatic protected area (EPA) workstations. Supplied cut to any length from 50 to 6070 mm.

- Three open slots (10 mm width) for tool-free connector positioning anywhere along the profile length
- ESD-suitable - safe use in electrostatic protected areas
- Anodized aluminum surface: corrosion-resistant, lightweight, and durable
- Cut-to-length delivery from 50 to 6070 mm - no standard-length compromise
- Area moment of inertia $I_x = 12.6 \text{ cm}^4$ and $I_y = 11.7 \text{ cm}^4$ for high bending stiffness in a compact cross-section
- Seamless integration with the full Bosch Rexroth 45 series profile system



TECHNICAL DATA

Property	Value
Cross-section	45x45L 3N
Profile type	3N
Modular dimension	45 mm
Open slots	3
Profile slot width	10 mm
Dimensions	45 x 45 mm
Min. length (L min)	50 mm
Max. length (L max)	6070 mm
Mass per metre (m)	1.7 kg/m
Profile surface (A)	6.2 cm ²
Area moment of inertia X (I _x)	12.6 cm ⁴
Moment of resistance X (W _x)	5.4 cm ³
Area moment of inertia Y (I _y)	11.7 cm ⁴
Moment of resistance Y (W _y)	5.2 cm ³
Torsional moment of inertia (I _t)	3.4 cm ⁴
Moment of torsion resistance (W _t)	2.4 cm ³
Material	Aluminum, anodized
Color	Natural
ESD	Yes
Condition on delivery	Variable length (cut to order)
Packaging unit	1 piece