

Strebenprofil 45x45L 1N, Aluminium eloxiert, variable Länge 50-6070 mm - Bosch Rexroth 3842992401

Item no. BRR-3842992401

Manufacturer Bosch Rexroth

Anodized aluminum strut profile with one open slot (type 1N) on the 45 mm modular grid, for direct integration into Bosch Rexroth profile systems. The 45x45 mm cross-section delivers a well-balanced combination of bending and torsional stiffness at 1.8 kg/m. Supplied cut to length, from 50 mm to 6070 mm.

TECHNICAL DATA

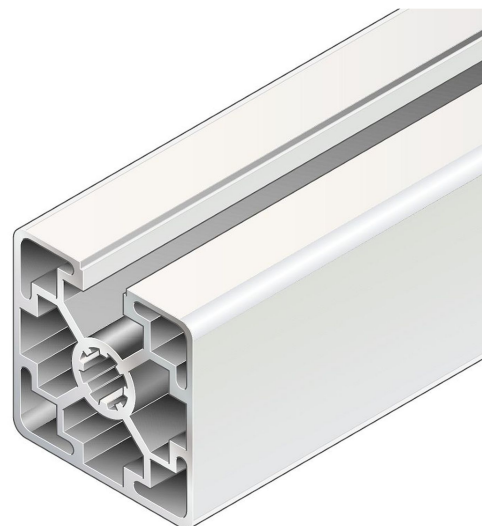
Ausführungsklasse **TEC**

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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DESCRIPTION

The Bosch Rexroth strut profile 45x45L 1N is an anodized aluminum section on the 45 mm modular grid, with one longitudinally open slot (profile slot 10, type 1N). Delivered cut to the ordered length, it slots directly into the Bosch Rexroth profile system without additional machining. An area moment of inertia of 12.6 cm⁴ (x-direction) and 13.5 cm⁴ (y-direction), combined with a torsional moment of resistance of 5.2 cm³, makes this profile suitable for machine frames, guards, jigs, and conveyors.

- Cut to length on order: 50 mm to 6070 mm in a single piece
- Anodized surface: corrosion-resistant, natural color finish
- One open slot (type 1N) accepts connectors, T-nuts, and fittings on the 45 mm grid
- Profile surface area 6.5 cm² in a compact 45x45 mm envelope
- Packaging unit of 1 - order exactly the quantity needed

TECHNICAL DATA

Property	Value
Cross-section	45x45 mm
Profile type	1N
Open slots	1
Profile slot	10
Modular dimension	45 mm

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Property	Value
Length min (L min)	50 mm
Length max (L max)	6070 mm
Profile surface (A)	6.5 cm ²
Area moment of inertia x-direction (Ix)	12.6 cm ⁴
Area moment of inertia y-direction (Iy)	13.5 cm ⁴
Moment of resistance x-direction (Wx)	5.5 cm ³
Moment of resistance y-direction (Wy)	6.0 cm ³
Torsional moment of inertia (It)	10.0 cm ⁴
Moment of torsion resistance (Wt)	5.2 cm ³
Mass	1.8 kg/m
Material	Aluminum, anodized
Color	Natural
Packaging unit	1 piece
Recommended accessories	Cover cap 45x45 signal gray, Cover cap 45x45 black, Cover cap with hole 45x45 signal gray, Cap with hole 45x45 black