

Strebenprofil 45x90L 2N, Aluminium eloxiert, 6 offene Nuten, L 50-6070 mm - Bosch Rexroth 3842993644

Item no. BRR-3842993644

Manufacturer Bosch Rexroth

Anodized aluminum strut profile with a 45x90 mm cross-section, profile type 2N, and 6 open slots on a 45 mm modular grid. Cut to length on order, from 50 mm up to 6070 mm. Designed for structural frames and machine bases within the Rexroth aluminum profile system.

TECHNICAL DATA

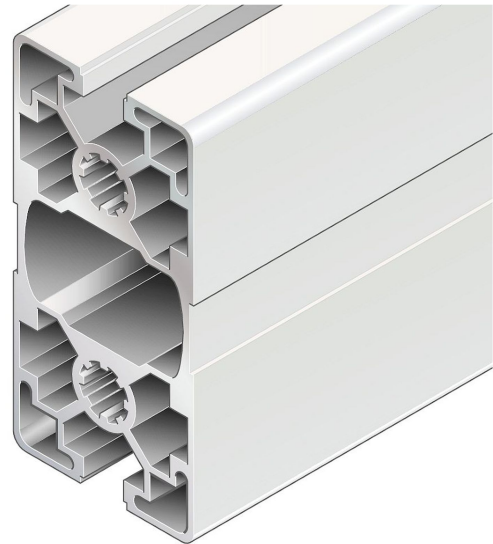
Ausführungsklasse **TEC**

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 45x90L 2N strut profile is an anodized aluminum structural element in the Rexroth assembly technology system. Its asymmetric 45x90 mm cross-section provides six open slots (10 mm slot width) for connecting components on all faces, with high bending stiffness in the primary load direction ($I_x = 85.6 \text{ cm}^4$, $W_x = 38.1 \text{ cm}^3$). The profile is supplied cut to length - minimum 50 mm, maximum 6070 mm - and integrates directly with standard Rexroth 45 mm grid connectors and fasteners.

- 6 open slots (10 mm width) for flexible attachment of connectors, brackets and accessories on all sides
- High bending stiffness in x-direction: $I_x = 85.6 \text{ cm}^4$, $W_x = 38.1 \text{ cm}^3$
- Torsional stiffness: $I_t = 31.7 \text{ cm}^4$, $W_t = 7.7 \text{ cm}^3$
- Anodized surface finish - corrosion-resistant, natural color, ready to install without further treatment
- Cut to length: L min 50 mm to L max 6070 mm, packaging unit 1 piece
- 45 mm modular dimension - compatible with the full Rexroth 45-series profile system

TECHNICAL DATA

Property	Value
Cross-section	45x90 mm

Property	Value
Profile type	2N
Modular dimension	45 mm
Open slots	6
Profile slot width	10 mm
Length min (L min)	50 mm
Length max (L max)	6070 mm
Area moment of inertia x (Ix)	85.6 cm ⁴
Moment of resistance x (Wx)	38.1 cm ³
Area moment of inertia y (Iy)	26.9 cm ⁴
Moment of resistance y (Wy)	6.0 cm ³
Torsional moment of inertia (It)	31.7 cm ⁴
Moment of torsion resistance (Wt)	7.7 cm ³
Profile surface (A)	12 cm ²
Mass (m)	3.2 kg/m
Material	Aluminum, anodized
Color	Natural
Condition on delivery	Cut to length (variable)
Packaging unit	1 piece