

Strut Profile 30x30 3N, Anodized Aluminum, Variable Length 50-6070 mm - Bosch Rexroth 3842992400

Item no. BRR-3842992400

Manufacturer Bosch Rexroth

Anodized aluminum strut profile with a 30x30 mm cross-section and three open slots (slot width 8 mm) for assembly frames, guards, and light structural applications. Supplied cut to length from 50 to 6070 mm, eliminating on-site machining. Fully compatible with the Bosch Rexroth modular dimension 30 system.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
HS-Code	76042100
Note	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



DESCRIPTION

The strut profile 30x30 3N is an anodized aluminum profile with three open slots (slot 8) and a 30x30 mm cross-section. It is designed for building assembly frames, protective enclosures, shelving systems, and light load-bearing structures within the 30 mm modular grid. Variable cut-to-length supply from 50 to 6070 mm allows precise, waste-free ordering with no additional machining.

- Three open slots (slot 8) provide fixing options on three faces for maximum assembly flexibility
- Anodized aluminum surface - corrosion-resistant, durable, natural color finish
- Cut to length from 50 to 6070 mm on order; packaging unit 1 piece
- 30 mm modular dimension: fully compatible with the Bosch Rexroth profile system 30
- Low mass of 0.9 kg/m with solid stiffness values ($I_x = 3.1 \text{ cm}^4$)

TECHNICAL DATA

Property	Value
Cross-section	30x30 mm
Profile type	3N
Open slots	3
Profile slot width	8 mm
Modular dimension	30 mm

Property	Value
Length min.	50 mm
Length max.	6070 mm
Material	Aluminum, anodized
Color	Natural
Mass	0.9 kg/m
Profile surface (A)	3.3 cm ²
Area moment of inertia I _x	3.1 cm ⁴
Area moment of inertia I _y	2.8 cm ⁴
Moment of resistance W _x	2.3 cm ³
Moment of resistance W _y	2.1 cm ³
Torsional moment of inertia (I _t)	0.86 cm ⁴
Moment of torsion resistance (W _t)	0.73 cm ³
Packaging unit	1 piece