

Strebenprofil 30x60 4N, Aluminium eloxiert, Länge variabel 50-6070 mm - Bosch Rexroth 3842993420-1000

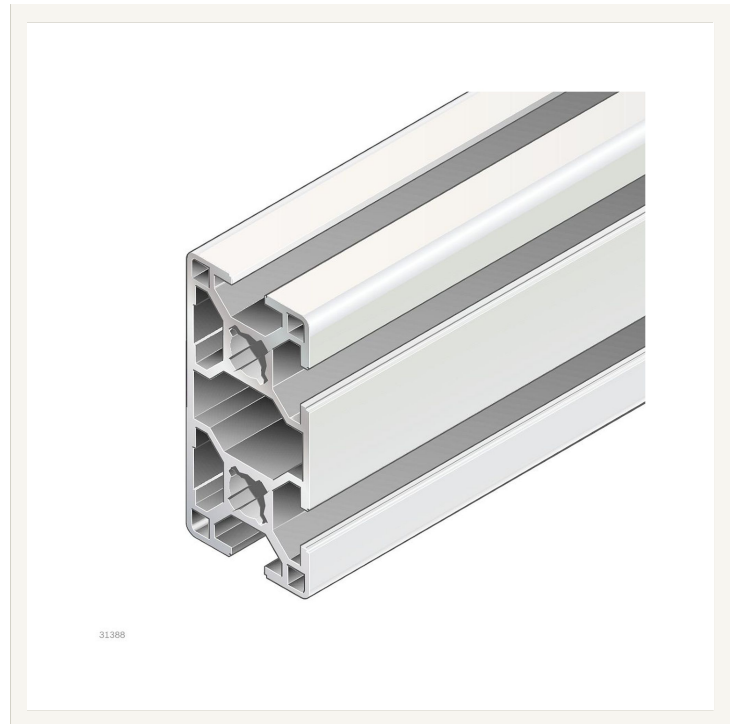
Item no. BRR-3842993420-1000

Manufacturer Bosch Rexroth

Strut profile with a 30x60 mm cross-section and four open slots (type 4N) in anodized aluminum for Bosch Rexroth modular assembly systems. The 30 mm modular dimension and 8 mm profile slot allow direct combination with standard connectors and accessories. Available in variable lengths from 50 to 6070 mm for precise adaptation to each application.

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	0.0099 kg
Zolltarifnummer	76042100



DESCRIPTION

The 30x60 4N strut profile is a structural aluminum extrusion for machine guarding, workstations, fixtures, and modular frame assemblies within the Bosch Rexroth building kit system. The asymmetric 30x60 mm cross-section with four open slots delivers high bending stiffness in the primary load direction at a linear mass of 1.6 kg/m.

- Four open slots (type 4N, 8 mm slot width) on all longitudinal faces - unrestricted connector and bracket placement without repositioning
- Area moment of inertia $I_x 20.2 \text{ cm}^4$ and section modulus $W_x 6.7 \text{ cm}^3$ - high bending resistance in the x-direction for load-bearing cross-members
- Variable length from 50 to 6070 mm - cut to size by the manufacturer, suitable for virtually any standard structural span
- Anodized aluminum, natural color - corrosion-resistant and surface-ready, no further treatment required
- 30 mm modular dimension - fully compatible with Bosch Rexroth profile system 30 (profiles, connectors, fasteners)

TECHNICAL DATA

Property	Value
Cross-section	30x60 mm
Profile type	4N

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Property	Value
Open slots	4
Profile slot width	8 mm
Modular dimension	30 mm
Length min (L min)	50 mm
Length max (L max)	6070 mm
Mass (m)	1.6 kg/m
Profile surface area (A)	5.8 cm ²
Area moment of inertia x (I _x)	20.2 cm ⁴
Area moment of inertia y (I _y)	5.5 cm ⁴
Section modulus x (W _x)	6.7 cm ³
Section modulus y (W _y)	3.8 cm ³
Torsional moment of inertia (I _t)	4.8 cm ⁴
Torsional section modulus (W _t)	2.4 cm ³
Material	Aluminum, anodized
Color	Natural
Packaging unit	1
Condition on delivery	Variable length