

Strebenprofil 30x45, Aluminium eloxiert, Nut 8, 3 offene Nuten, variable Länge - Bosch Rexroth 3842992430-1000

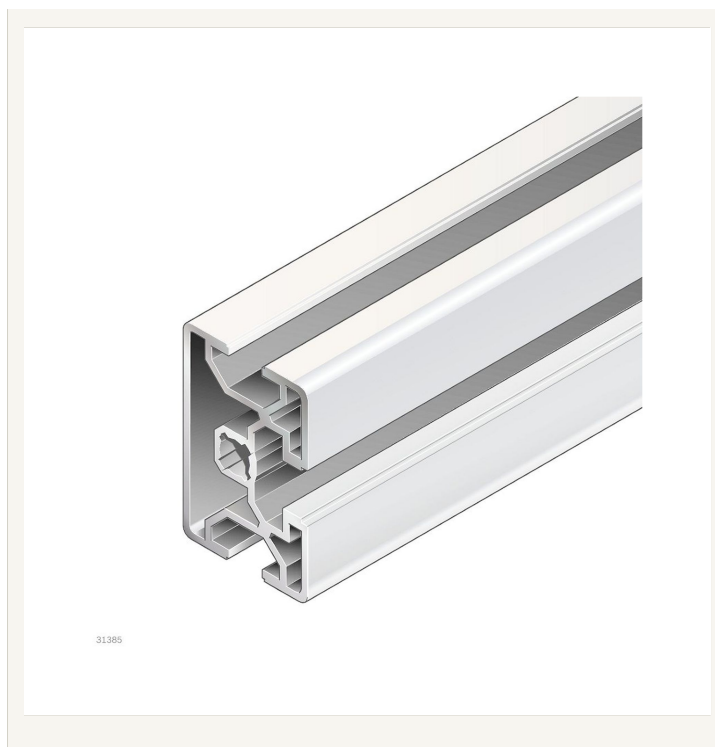
Item no. BRR-3842992430-1000

Manufacturer Bosch Rexroth

Asymmetric aluminum strut profile with 30x45 mm cross-section, slot 8, and three open slots for versatile connections throughout the assembly. Made from anodized aluminum (natural finish), available in custom lengths from 50 to 6070 mm. Fully compatible with the Bosch Rexroth modular profile system on a 30 mm grid.

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 Bosch Rexroth Strut Profile 30x45 is an asymmetric aluminum profile designed for assembly lines, workstations, and conveyor systems. Three open slots (slot 8) and a 30 mm modular dimension make it a direct-fit component in the Bosch Rexroth profile system, combining structural performance with fast, tool-efficient assembly.

- Three open slots (slot 8) - connect brackets and accessories without drilling or repositioning
- Area moment of inertia $I_x = 8.1 \text{ cm}^4$ / $I_y = 3.9 \text{ cm}^4$ - adequate bending stiffness for both load axes
- Anodized aluminum surface - corrosion-resistant, lightweight, and durable in industrial environments
- Custom cut to length: any size from 50 mm to 6070 mm available to order
- 30 mm grid: fully interchangeable with all Bosch Rexroth 30-series system components

TECHNICAL DATA

Property	Value
Cross-section	30x45 mm
Profile slot	Slot 8
Modular dimension	30 mm
Open slots	3

Property	Value
Profile type	Standard
Material	Aluminum, anodized
Color	Natural
Length min.	50 mm
Length max.	6070 mm
Mass	1.1 kg/m
Profile surface (A)	4 cm ²
Area moment of inertia I _x	8.1 cm ⁴
Area moment of inertia I _y	3.9 cm ⁴
Moment of resistance W _x	3.9 cm ³
Moment of resistance W _y	2.9 cm ³
Torsional moment of inertia (I _t)	1.3 cm ⁴
Torsional moment of resistance (W _t)	1.3 cm ³
Packaging unit	1 piece
Recommended accessories	Cover cap 30x45 signal gray, Cover cap 30x45 black