

Strebenprofil 30x45 M8, 3 offene Nuten, Aluminium eloxiert, 1000 mm - Bosch Rexroth 3842992431-1000

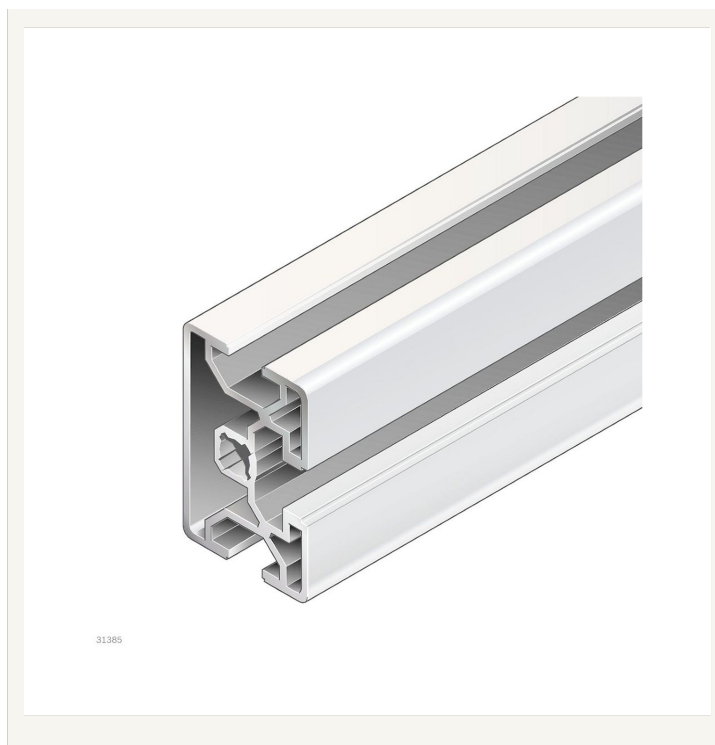
Item no. BRR-3842992431-1000

Manufacturer Bosch Rexroth

Asymmetric aluminium strut profile 30x45 mm with M8 profile slot (slot width 8 mm, modular dimension 30 mm) and three open slots for multi-directional connections without drilling. The anodized standard profile is available in lengths from 50 to 6000 mm and integrates directly into the Bosch Rexroth modular assembly system 30. Recommended cover caps (30x45, signal gray or black) complete the clean finish.

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	76169990



DESCRIPTION

The strut profile 30x45 M8 extends the Rexroth aluminium modular system 30 with a slim, asymmetric profile suited to braces, struts and frame structures. Three open slots and the M8 profile slot allow connections in multiple directions without machining.

- Three open slots for connections in x, y and z directions without drilling
- Anodized aluminium surface - corrosion-resistant and low-maintenance
- Available in any length from 50 mm to 6000 mm (modular dimension 30 mm)
- Fully compatible with Rexroth modular assembly system 30 (slot width 8 mm)
- Low mass of 1.1 kg/m combined with good bending stiffness ($I_x = 8.1 \text{ cm}^4$)

TECHNICAL DATA

Property	Value
Cross-section	30 x 45 mm
Profile type	Standard
Profile slot	M8 (slot width 8 mm)
Modular dimension	30 mm
Open slots	3
Length min.	50 mm

Property	Value
Length max.	6000 mm
Article length (this unit)	1000 mm
Material	Aluminium, anodized
Color	Natural
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
Moment of torsion resistance W _t	1.3 cm ³
Packaging unit	1 piece
Recommended accessories	Cover cap 30x45 signal gray, Cover cap 30x45 black