

Strebenprofil 90x90 2xM16-D22, 1000 mm - Bosch Rexroth 3842993083-1000

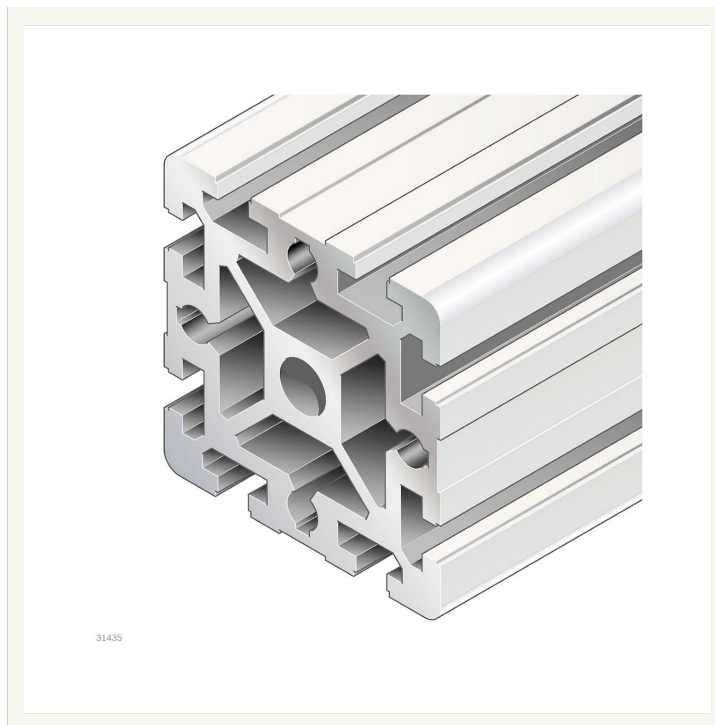
Item no. BRR-3842993083-1000

Manufacturer Bosch Rexroth

Anodized aluminum strut profile with a 90x90 mm cross-section, 8 open slots (slot size 10) and two M16 tapped holes (D22) for direct end-face bolting. Modular dimension 45 mm, length 1000 mm - designed for frames, machine structures and assembly systems within the Bosch Rexroth modular 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	0.0099 kg
Zolltarifnummer	76169990



DESCRIPTION

The strut profile 90x90 2xM16-D22 is an anodized aluminum profile with a square 90x90 mm cross-section and 8 open slots (slot size 10, modular dimension 45 mm). The integrated M16 tapped holes (D22) allow direct end-face bolting without separate end pieces, reducing assembly time in frame and machine structures. This profile is part of the Bosch Rexroth modular assembly system and is fully compatible with all 90x90 accessories.

- High bending stiffness: area moment of inertia I_x/I_y 299.8 cm⁴ each, moment of resistance W_x/W_y 66.7 cm³ each
- Good torsional stiffness: torsional moment of inertia I_t 118.6 cm⁴, moment of torsion resistance W_t 26 cm³
- Flexible length selection: available from 120 mm to 6000 mm; this item: 1000 mm
- System-compatible: works with connectors, brackets and cover caps of the 90x90 series
- Natural anodized finish: corrosion-resistant and ready to use without additional coating

TECHNICAL DATA

Property	Value
Cross-section	90x90 mm
Length (this item)	1000 mm
Length min / max	120 mm / 6000 mm

Property	Value
Modular dimension	45 mm
Open slots	8
Slot size	10
Profile type	Standard
Material	Aluminum, anodized
Color	Natural
Profile surface A	38.4 cm ²
Mass m	10.4 kg/m
Area moment of inertia I _x	299.8 cm ⁴
Area moment of inertia I _y	299.8 cm ⁴
Moment of resistance W _x	66.7 cm ³
Moment of resistance W _y	66.7 cm ³
Torsional moment of inertia I _t	118.6 cm ⁴
Moment of torsion resistance W _t	26 cm ³
Packaging unit	1