

Strebenprofil 45x90L 2xD17LF, 1000 mm - Bosch Rexroth 3842993084-1000

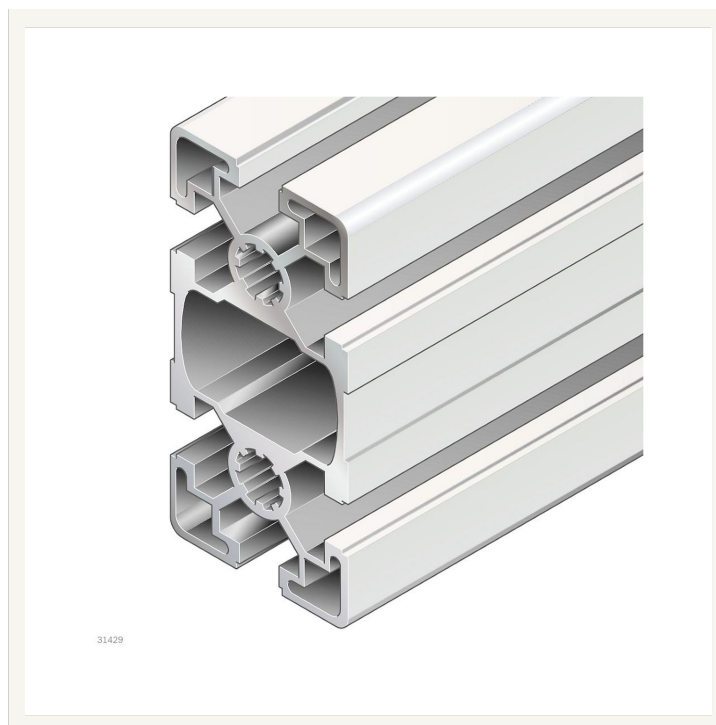
Item no. BRR-3842993084-1000

Hersteller Bosch Rexroth

Anodized aluminum strut profile with 45x90L cross-section and 6 open slots for modular assembly and framing systems. At a 45 mm modular dimension it integrates directly into Bosch Rexroth Raster 45 structures; supplied at 1000 mm with custom lengths available from 80 to 6000 mm. Factory-machined M12 threads and D17 bores eliminate on-site drilling.

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 45x90L 2xD17LF strut profile is an anodized aluminum structural element for Bosch Rexroth modular assembly systems. Its asymmetric 45x90 mm cross-section with 6 open slots (slot width 10 mm) delivers high bending stiffness in the x-direction while remaining lightweight, and fits directly into any Raster-45 framework.

- High bending stiffness: area moment of inertia $I_x = 82 \text{ cm}^4$, moment of resistance $W_x = 18.2 \text{ cm}^3$
- Factory machining included: M12 threads in all core bores, D17 holes in slots B/F and C/E, D17V holes with LF countersink in slots A/D - no site drilling required
- 6 open slots allow connectors, brackets, and accessories to be added on all faces
- Anodized aluminum finish: corrosion-resistant, natural color
- Standard length 1000 mm; custom lengths from 80 to 6000 mm available on request

TECHNICAL DATA

Parameter	Value
Cross-section	45x90 mm
Profile type	45x90L (asymmetric)
Modular dimension	45 mm
Open slots	6
Slot width	10 mm

Parameter	Value
Length (this item)	1000 mm
Length min / max	80 mm / 6000 mm
Profile surface (A)	11.3 cm ²
Area moment of inertia I _x	82 cm ⁴
Moment of resistance W _x	18.2 cm ³
Area moment of inertia I _y	23.6 cm ⁴
Moment of resistance W _y	10.5 cm ³
Torsional moment of inertia I _t	15.1 cm ⁴
Moment of torsion resistance W _t	4.4 cm ³
Mass	3 kg/m
Profile machining	M12 in all core bores; D17 in slots B/F, C/E; D17V + LF in slots A/D
Material	Aluminum, anodized
Color	Natural
Packaging unit	1 piece
Recommended accessories	Cover cap 45x90 black/signal gray, cover cap with hole 45x90 black/signal gray