

Strebenprofil 45x90, 6 Nuten, D17V/D17V, eloxiertes Aluminium, 1000 mm - Bosch Rexroth 3842990309-1000

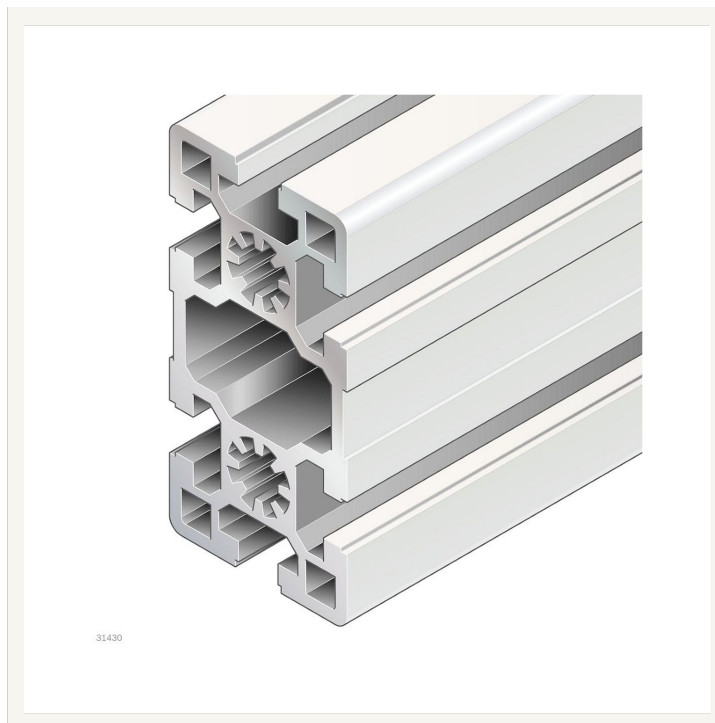
Item no. BRR-3842990309-1000

Manufacturer Bosch Rexroth

Strut profile 45x90 with 6 open slots and D17V machining on both sides for the Bosch Rexroth aluminum profile system. Cross-section 45x90 mm, modular dimension 45 mm, anodized aluminum in natural color. Supplied at 1000 mm; cut to length from 80 to 6000 mm available.

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 45x90 D17V/D17V strut profile is a standard anodized aluminum profile for building assembly and handling systems within the Bosch Rexroth profile system. Six open slots and a 45 mm modular dimension allow direct combination with connectors, brackets, and other system components.

- 6 open slots (slot size 10) for full connection flexibility on every face
- D17V machining in slots A/D enables direct use of matching connectors without additional drilling
- High bending stiffness: area moment of inertia $I_x = 124.6 \text{ cm}^4$ (x-direction), $I_y = 32.8 \text{ cm}^4$ (y-direction)
- Profile surface 15.4 cm^2 , mass 4.2 kg/m - favorable stiffness-to-weight ratio for load-bearing structures
- Anodized surface (natural color) - corrosion-resistant and easy to clean
- Cut to length from 80 to 6000 mm; supplied as 1 piece per unit

TECHNICAL DATA

Property	Value
Cross-section	45x90 mm
Modular dimension	45 mm
Profile type	Standard
Open slots	6

Property	Value
Profile slot	Size 10
Profile machining	M12, M16: all core bores - D17: slots B/F, C/E - D17V: slots A/D
Area moment of inertia I _x	124.6 cm ⁴
Moment of resistance W _x	27.7 cm ³
Area moment of inertia I _y	32.8 cm ⁴
Moment of resistance W _y	14.6 cm ³
Torsional moment of inertia I _t	15.4 cm ⁴
Moment of torsion resistance W _t	6.61 cm ³
Profile surface A	15.4 cm ²
Mass	4.2 kg/m
Material	Aluminum, anodized
Color	Natural
Length (this unit)	1000 mm
Length min / max	80 / 6000 mm
Packaging unit	1 piece