

Strebenprofil 90x90 D17V/D17, 1000 mm - Bosch Rexroth 3842990094-1000

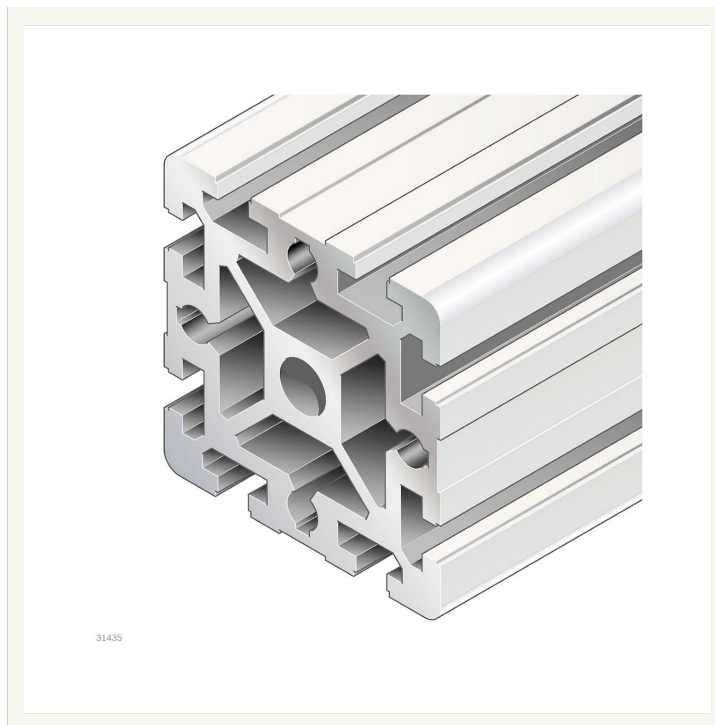
Item no. BRR-3842990094-1000

Manufacturer Bosch Rexroth

Anodized aluminum strut profile with 90x90 mm cross-section, 8 open slots, and 45 mm modular dimension for industrial assembly and machine framing. Area moment of inertia 299.8 cm⁴ (x/y) delivers high load capacity in a compact profile. Supplied as a 1000 mm bar; lengths 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 Strut Profile 90x90 D17V/D17 is an anodized aluminum structural profile from the Bosch Rexroth Assembly Technology system. Eight open slots and the 45 mm modular grid make it the primary load-bearing element for machine frames, protective enclosures, conveyor structures, and workstation systems. The anodized surface provides corrosion resistance with no additional treatment required.

- 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
- 8 open slots (slot size 10) for full connection flexibility on all faces
- 45 mm modular dimension compatible with the complete Bosch Rexroth Assembly Technology accessory range
- Torsional rigidity: torsional moment of inertia I_t 118.6 cm⁴, moment of torsion resistance W_t 26 cm³
- Profile surface 38.4 cm², mass 10.4 kg/m - suitable for heavy-duty structures
- Length range 80 to 6000 mm, packaging unit 1 piece

TECHNICAL DATA

Property	Value
Cross-section	90x90 mm
Profile type	Standard

Property	Value
Profile slot	10
Open slots	8
Modular dimension	45 mm
Length min (L min)	80 mm
Length max (L max)	6000 mm
Supplied length (this order)	1000 mm
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
Profile surface A	38.4 cm ²
Mass m	10.4 kg/m
Material	Aluminum, anodized
Color	Natural
Packaging unit	1 piece