

Strebenprofil 90x90 F2, Aluminium eloxiert, 8 Nuten, Länge 60-6000 mm - Bosch Rexroth 3842990505

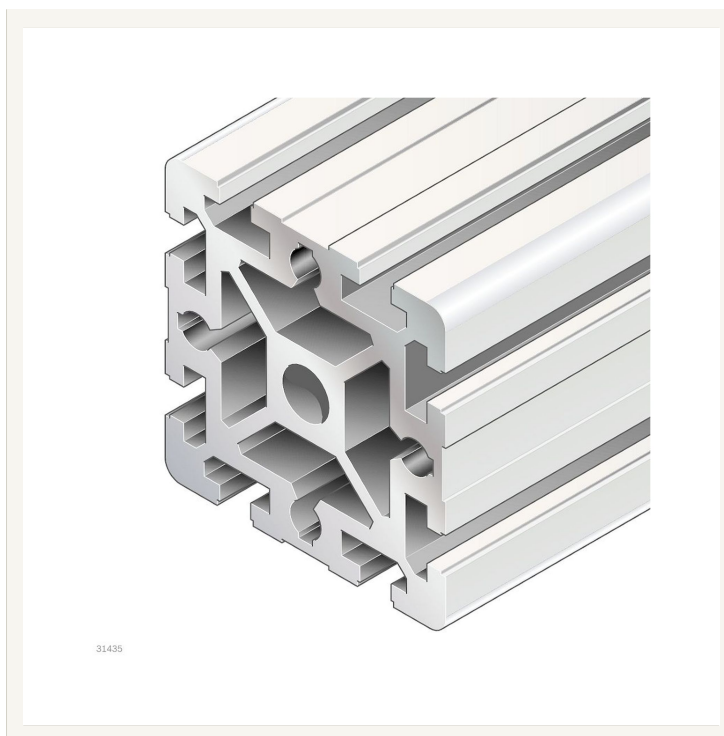
Item no. BRR-3842990505

Manufacturer Bosch Rexroth

Extruded anodized aluminum strut profile 90x90 mm on a 45 mm modular grid with 8 open slots (slot width 10 mm) for building machine frames, workstations, and guarding systems. Area moment of inertia 299.8 cm⁴ and profile surface 38.4 cm². Supplied cut to length from 60 mm to 6000 mm.

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	0.1 kg
Zolltarifnummer	76169990



DESCRIPTION

The Bosch Rexroth Strut Profile 90x90 F2 is an anodized aluminum structural profile on a 45 mm modular grid. Eight open slots with a width of 10 mm run along the full length, allowing connectors and attachments on all faces without drilling. Supplied cut to length from 60 mm to 6000 mm, it is suited for machine frames, assembly workstations, protective enclosures, and conveyor structures.

- High bending stiffness: area moment of inertia $I_x = I_y = 299.8 \text{ cm}^4$, moment of resistance $W_x = W_y = 66.7 \text{ cm}^3$
- Good torsional stiffness: torsional moment of inertia $I_t = 118.6 \text{ cm}^4$, moment of torsion resistance $W_t = 26 \text{ cm}^3$
- 8 open slots on all faces for tool-free repositioning of connectors and accessories
- Anodized surface for lasting corrosion resistance and a clean appearance
- Cut-to-length flexibility: 60 to 6000 mm, packaging unit 1 piece

TECHNICAL DATA

Property	Value
Cross-section	90 x 90 mm
Profile type	Standard
Modular dimension	45 mm
Open slots	8

Property	Value
Profile slot width	10 mm
Length min (L min)	60 mm
Length max (L max)	6000 mm
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
Material	Aluminum, anodized
Color	Natural
Packaging unit	1 piece
Recommended accessories	Cover cap 90x90 black, Cover cap 90x90 signal gray, Cover cap with hole 90x90 black, Cover cap with hole 90x90 signal gray