

Strut Profile 60x90, Anodized Aluminum, 6 Slots, up to 6070 mm - Bosch Rexroth 3842993671

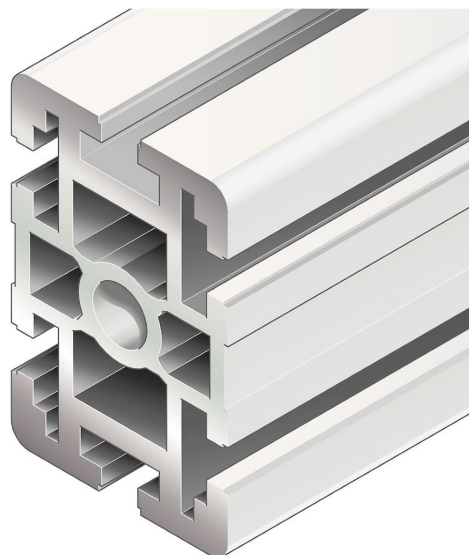
Item no. BRR-3842993671

Manufacturer Bosch Rexroth

Asymmetric aluminum strut profile 60x90 with 6 open slots (slot width 10 mm) for load-bearing frame assemblies and workstations. Area moment of inertia I_x 214.2 cm⁴, mass 7 kg/m. Available in custom lengths from 50 to 6070 mm with standard and customized profile finishing options.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
HS-Code	76042100
Note	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



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DESCRIPTION

The 60x90 strut profile in anodized aluminum is a structural base profile within the Bosch Rexroth profile system, suited for machine frames, assembly stations, and guarding structures. Six open slots (width 10 mm) and a modular dimension of 60 mm allow fast integration with the full range of profile system accessories.

- High bending stiffness: area moment of inertia I_x 214.2 cm⁴ / I_y 90.5 cm⁴ - suitable for load-bearing frames and cross-members
- Flexible cut-to-length: 50 to 6070 mm; standard profile finishing M16, D9.8, D17, DB17, F1(A, D) available ex-works
- Customized finishing: DI, DIS, MT, MTS, MI, MIS, DG (DGmax 45°, Lmin 456/612 mm depending on type)
- Anodized aluminum: corrosion-resistant, lightweight, neutral surface finish (natural color)
- System-compatible: fits cover caps 60x90 in black or signal gray, with or without hole

TECHNICAL DATA

Property	Value
Cross-section	60x90 mm
Modular dimension	60 mm
Profile slot	10 mm

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Page 1/2

Property	Value
Open slots	6
Profile type	Standard
Material	Aluminum, anodized
Color	Natural
Length min (L min)	50 mm
Length max (L max)	6070 mm
Profile surface (A)	25.8 cm ²
Mass (m)	7 kg/m
Area moment of inertia X (I _x)	214.2 cm ⁴
Moment of resistance X (W _x)	47.6 cm ³
Area moment of inertia Y (I _y)	90.5 cm ⁴
Moment of resistance Y (W _y)	30.2 cm ³
Torsional moment of inertia (I _t)	45.8 cm ⁴
Moment of torsion resistance (W _t)	18 cm ³
Standard profile finishing	M16 / D9.8 / D17 / DB17 / F1(A, D)
Customized profile finishing	DI / DIS / MT / MTS / MI / MIS / DG
Packaging unit	1