

Strut Profile 50x50L, Anodized Aluminum, 4 Open Slots - Bosch Rexroth 3842993665

Item no. BRR-3842993665

Manufacturer Bosch Rexroth

Extruded aluminum strut profile with a 50x50 mm cross-section and 50 mm modular dimension for Bosch Rexroth assembly systems. Four open slots (size 10) allow connections on all sides without drilling or welding. Available cut to length from 50 mm to 6070 mm with standard or customized profile finishing.

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



DESCRIPTION

The 50x50L strut profile is an anodized aluminum extrusion designed for Bosch Rexroth modular assembly and automation structures. Its symmetric 50x50 mm cross-section with four open slots (slot size 10) supports connections on all sides and integrates directly with the full range of 50-series accessories and connectors. Supplied as stock length or cut to size, with factory profile finishing options available.

- 50x50 mm cross-section, 50 mm modular dimension - compatible with the entire Bosch Rexroth 50-series system
- 4 open slots (size 10) for all-round connection and mounting flexibility
- Area moment of inertia $I_x/I_y = 21.2 \text{ cm}^4$, moment of resistance $W_x/W_y = 8.5 \text{ cm}^3$ - reliable load capacity for structural frames
- Length selectable from 50 mm to 6070 mm, linear mass 2.5 kg/m
- Standard finishing: M12, M16, D9.8, D17, DB17; customized finishing: DI, DIS, MT, MTS, MI, MIS, DG (DGmax = 45°, Lmin1/Lmin2 = 387/474 mm)
- Material: aluminum, anodized - corrosion-resistant, natural color

TECHNICAL DATA

Property	Value
Cross-section	50x50L

Property	Value
Dimensions [mm]	50x50
Profile slot	10
Modular dimension [mm]	50
Open slots	4
Profile type	Standard
Color	Natural
Material	Aluminum, anodized
Length min [mm]	50
Length max [mm]	6070
Mass [kg/m]	2.5
Profile surface A [cm ²]	9.3
Area moment of inertia I _x [cm ⁴]	21.2
Area moment of inertia I _y [cm ⁴]	21.2
Moment of resistance W _x [cm ³]	8.5
Moment of resistance W _y [cm ³]	8.5
Torsional moment of inertia I _t [cm ⁴]	5.37
Moment of torsion resistance W _t [cm ³]	4.3
Standard profile finishing	M12 / M16 / D9.8 / D17 / DB17
Customized profile finishing	DI / DIS / MT / MTS / MI / MIS / DG
Finishing note	DGmax = 45°, Lmin1/Lmin2 = 387/474 mm
Packaging unit	1