

Strut Profile 90x90 Q&E, Anodized Aluminum, 8 Slots - Bosch Rexroth 3842993679

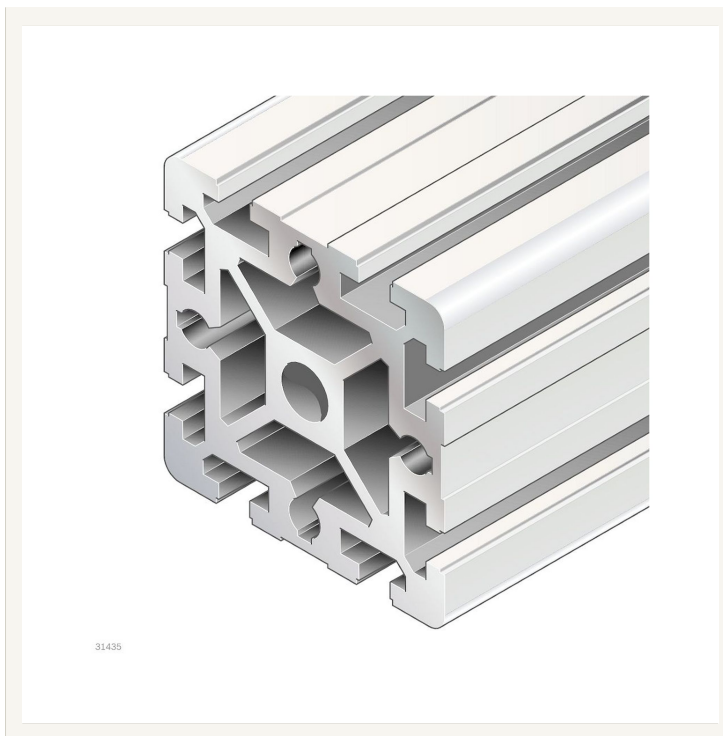
Item no. BRR-3842993679

Manufacturer Bosch Rexroth

Square aluminum strut profile 90x90 mm with 8 open slots (slot width 10 mm, modular dimension 45 mm) for assembly systems, guarding, and structural frameworks. Supplied in cut-to-length from 50 mm to 6070 mm; standard finishings M16, D9.8, D17, DB17, F1 and customized machining options available.

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 Bosch Rexroth Strut Profile 90x90 Q&E is a symmetric, anodized aluminum profile with 8 open slots and a modular dimension of 45 mm. It is suited to load-bearing frames, protective enclosures, and modular assembly lines where high bending stiffness and versatile connection options are required.

- High bending stiffness: area moment of inertia $I_x = I_y = 299.8 \text{ cm}^4$, moment of resistance $W_x = W_y = 66.7 \text{ cm}^3$
- 8 open slots (width 10 mm) allow connections and attachments on all faces without additional machining
- Cut-to-length supply: from 50 mm to 6070 mm, minimum order quantity 1
- Standard factory finishings: M16 / D9.8 / D17 / DB17 / F1 (observe minimum lengths)
- Customized finishings on request: DI / DIS / MT / MTS / MI / MIS / DG (DGmax = 45°, Lmin1/Lmin2 = 456/612 mm)
- Anodized aluminum construction - corrosion-resistant, natural color finish

TECHNICAL DATA

Property	Value
Cross-section	90 x 90 mm
Profile type	Standard

Property	Value
Open slots	8
Slot width	10 mm
Modular dimension	45 mm
Length min / max	50 mm / 6070 mm
Mass	10.4 kg/m
Profile surface [A]	38.4 cm ²
Area moment of inertia $I_x = I_y$	299.8 cm ⁴
Moment of resistance $W_x = W_y$	66.7 cm ³
Torsional moment of inertia [It]	118.6 cm ⁴
Moment of torsion resistance [Wt]	26 cm ³
Material	Aluminum, anodized
Color	Natural
Packaging unit	1 piece
Standard profile finishing	M16 / D9.8 / D17 / DB17 / F1
Customized profile finishing	DI / DIS / MT / MTS / MI / MIS / DG
Finishing note	DGmax = 45°, Lmin1/Lmin2 = 456/612 mm