

Strut Profile 90x90L D17/D17V, Anodized Aluminum, 8 Slots - Bosch Rexroth 3842992421

Item no. BRR-3842992421

Manufacturer Bosch Rexroth

Heavy-duty aluminum strut profile with a 90x90L cross-section, 8 open slots, and a 45 mm modular dimension for use in machine frames, protective enclosures, and conveyor structures. Pre-machined for M12, D17, D17V, and LF connections; cut-to-length from 80 mm to 6000 mm. Material: aluminum, anodized, natural color.

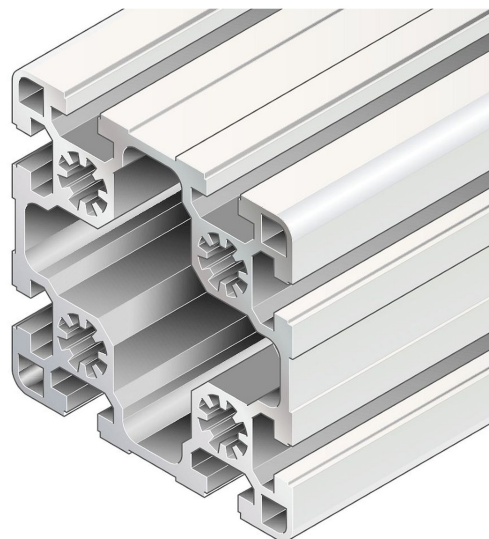
TECHNICAL DATA

Ausführungsklasse **TEC**

Country of Manufacture **Germany**

HS-Code **76169990**

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 90x90L strut profile (article 3842992421) from Bosch Rexroth is a symmetric, heavy-load aluminum extrusion with eight open slots and a 45 mm modular dimension. Fully compatible with the Bosch Rexroth Assembly Technology system, it handles demanding structural, guarding, and support applications in mechanical and plant engineering.

- Large 90x90L cross-section for high bending and torsional loads - I_x/I_y 211.1 cm⁴
- 8 open slots allow connections and attachments from every direction
- Factory machining: M12 in all core holes, D17 in slots C/H and D/G, D17V in slots A/F and B/E, LF in slots C/H and D/G
- Flexible cut-to-length from 80 mm to 6000 mm
- Anodized aluminum (natural) - corrosion-resistant and lightweight

TECHNICAL DATA

Parameter	Value
Cross-section	90x90L
Dimensions [mm]	90x90
Modular dimension [mm]	45
Open slots	8

Parameter	Value
Profile slot	10
Profile type	Standard
Length min / max [mm]	80 / 6000
Profile surface A [cm ²]	24.1
Area moment of inertia I _x / I _y [cm ⁴]	211.1 / 211.1
Moment of resistance W _x / W _y [cm ³]	46.9 / 46.9
Torsional moment of inertia I _t [cm ⁴]	82.1
Moment of torsion resistance W _t [cm ³]	20.1
Mass m [kg/m]	6.5
Material	Aluminum, anodized
Color	Natural
Packaging unit	1
Profile machining	M12: all core holes - D17: slots C/H, D/G - D17V: slots A/F, B/E - LF: slots C/H, D/G
Recommended accessories	Cover cap 90x90L black, cover cap 90x90L signal gray