

Strebenprofil 90x90L D17/D17V, 1000 mm - Bosch Rexroth 3842992421-1000

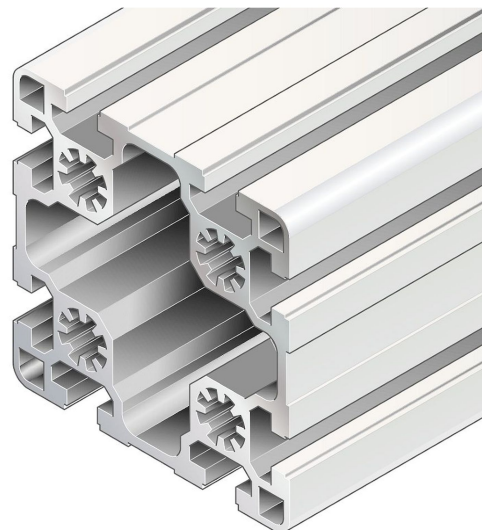
Item no. BRR-3842992421-1000

Manufacturer Bosch Rexroth

Anodized aluminum strut profile with a 90x90L cross-section for building load-bearing assembly frames and machine structures. Eight open slots at a 45 mm modular pitch and pre-machined holes (M12, D17, D17V) allow fast, tool-compatible connections without additional drilling. Supplied as one piece of 1000 mm; cut-to-length from 80 mm to 6000 mm available.

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	0.0099 kg
Zolltarifnummer	76169990



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DESCRIPTION

The 90x90L strut profile is part of the Bosch Rexroth aluminum profile system for industrial assembly technology. An area moment of inertia of 211.1 cm⁴ in both X and Y directions, combined with a moment of resistance of 46.9 cm³, delivers the bending and torsional stiffness required for demanding frame and support structures. The anodized surface provides lasting corrosion resistance with no additional finishing required.

- 8 open slots allow connectors and add-on components to be attached on all faces without pre-drilling
- Pre-machined holes: M12 in all core channels, D17 in slots C/H and D/G, D17V in slots A/F and B/E, LF in slots C/H and D/G
- 45 mm modular dimension ensures direct compatibility with the full Bosch Rexroth aluminum profile range
- Cut-to-length flexibility from 80 mm to 6000 mm
- Mass 6.5 kg per meter - high load capacity at low dead weight

TECHNICAL DATA

Property	Value
Cross-section	90x90L
Dimensions	90x90 mm

Property	Value
Profile type	Standard
Modular dimension	45 mm
Open slots	8
Profile slot	10
Length (this unit)	1000 mm
Length min / max	80 mm / 6000 mm
Mass [m]	6.5 kg/m
Profile surface [A]	24.1 cm ²
Area moment of inertia I _x / I _y	211.1 cm ⁴
Moment of resistance W _x / W _y	46.9 cm ³
Torsional moment of inertia I _t	82.1 cm ⁴
Moment of torsion resistance W _t	20.1 cm ³
Material	Aluminum, anodized
Color	Natural
Profile adaption	M12: all core channels - 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
Packaging unit	1 piece