

Strebenprofil 90x90L D17/D17 - eloxiertes Aluminiumprofil mit 8 Nuten, Querschnitt 90x90 mm - Bosch Rexroth 3842992420

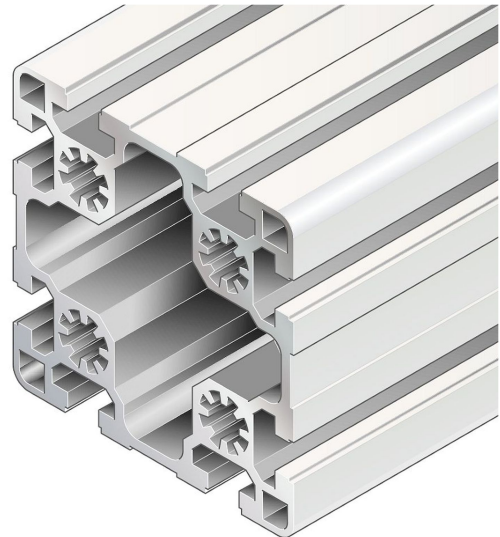
Item no. BRR-3842992420

Manufacturer Bosch Rexroth

Heavy-duty aluminum strut profile with 90x90 mm cross-section (L-type) featuring 8 open slots and a 45 mm modular pitch for load-bearing frame structures. Factory-machined with M12 tapped holes in all core bores and D17/LF drillings in the specified slot pairs. Available cut-to-length from 80 mm to 6000 mm; anodized aluminum, natural color.

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	0.1 kg
Zolltarifnummer	76169990



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DESCRIPTION

The Strut Profile 90x90L D17/D17 is an anodized aluminum profile with a square 90x90 mm (L-type) cross-section and 8 open slots of 10 mm width. Its 45 mm modular pitch integrates directly into the Bosch Rexroth profile system, making it the right choice for structural frames, machine enclosures and assembly tables where high bending stiffness in both axes is required.

- Area moments of inertia I_x/I_y of 211.1 cm⁴ each and section moduli W_x/W_y of 46.9 cm³ each deliver high bending resistance in both directions
- 8 open slots (10 mm width) allow connectors, brackets and accessories to be fitted at any position without additional machining
- Factory machining: M12 in all core bores, D17 in slots C/H and D/G, D17V in slots A/F and B/E, LF in slots C/H and D/G
- Cut-to-length from 80 mm to 6000 mm, delivery unit 1 piece
- Anodized aluminum, natural color - corrosion-resistant and ready to install without further surface treatment

TECHNICAL DATA

Property	Value
Cross-section	90x90 mm (L-type)

boxic24.com

Keldersstr. 15

42697 Solingen, Deutschland

VAT ID: DE269659389

Phone: +49 212 38340680

shop@boxic24.com

boxic24.com

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Property	Value
Modular dimension	45 mm
Profile slot width	10 mm
Open slots	8
Profile type	Standard
Length min. / max.	80 mm / 6000 mm
Mass	6.5 kg/m
Profile surface [A]	24.1 cm ²
Area moment of inertia [$I_x = I_y$]	211.1 cm ⁴
Section modulus [$W_x = W_y$]	46.9 cm ³
Torsional moment of inertia [I_t]	82.1 cm ⁴
Moment of torsion resistance [W_t]	20.1 cm ³
Profile machining	M12: all core bores; D17: slots C/H, D/G; D17V: slots A/F, B/E; LF: slots C/H, D/G
Material	Aluminum, anodized
Color	Natural
Recommended accessories	Cover cap 90x90L black, Cover cap 90x90L signal gray