

Strebenprofil 90x90L 2xD17LF, Aluminium eloxiert, 8 Nuten - Bosch Rexroth 3842992418

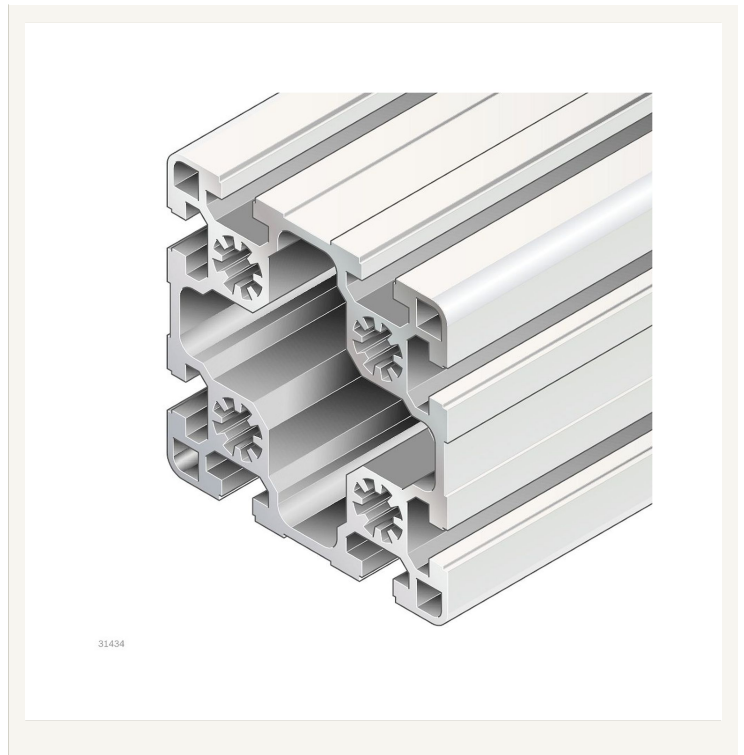
Item no. BRR-3842992418

Manufacturer Bosch Rexroth

Heavy-duty aluminum strut profile, cross-section 90x90L, with 8 open slots (slot size 10) and a modular dimension of 45 mm. The 2xD17LF machining variant includes M12 threads in all core bores, D17 bores in slots C/H and D/G, and LF elongated holes in slots C/H and D/G - ready for direct assembly without additional drilling. Available cut-to-length from 80 mm to 6000 mm.

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



DESCRIPTION

The 90x90L strut profile (article 3842992418) in anodized aluminum is the structural backbone for frames, machine guards, and workstation systems built on the Bosch Rexroth aluminum profile system. An area moment of inertia of 211.1 cm⁴ and a moment of resistance of 46.9 cm³ about both axes deliver symmetrical rigidity for multi-directional load cases. Cut-to-length supply (80 mm to 6000 mm) reduces stock and eliminates secondary machining.

- 8 open slots (size 10) allow connections on all faces without pre-drilling
- 2xD17LF machining: M12 threads in all core bores, D17 bores in slots C/H and D/G, D17V bores in slots A/F and B/E, LF elongated holes in slots C/H and D/G
- 45 mm modular dimension - fully compatible with the Bosch Rexroth aluminum profile building-block system
- Anodized surface provides corrosion resistance and simplifies cleaning in production environments
- Profile cross-section area 24.1 cm² at 6.5 kg/m - high load capacity at low dead weight

TECHNICAL DATA

Property	Value
Cross-section	90x90L
Dimensions	90 x 90 mm
Modular dimension	45 mm

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Property	Value
Profile slot	10
Open slots	8
Profile type	Standard
Profile machining	M12 in all core bores; D17 in slots C/H, D/G; D17V in slots A/F, B/E; LF in slots C/H, D/G
Length min / max	80 mm / 6000 mm
Material	Aluminum, anodized
Color	Natural
Profile surface [A]	24.1 cm ²
Mass [m]	6.5 kg/m
Area moment of inertia I _x	211.1 cm ⁴
Area moment of inertia I _y	211.1 cm ⁴
Moment of resistance W _x	46.9 cm ³
Moment of resistance 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
Packaging unit	1
Recommended accessories	Cover cap 90x90L black; Cover cap 90x90L signal gray