

Strebenprofil 90x180 2xD17LF-S, 12 Nuten, Aluminium eloxiert - Bosch Rexroth 3842993081

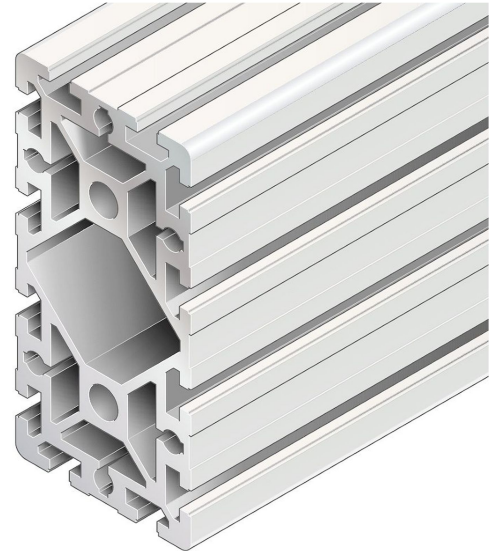
Item no. BRR-3842993081

Manufacturer Bosch Rexroth

Heavy-section aluminum strut profile with a 90x180 mm cross-section, 12 open slots, and a 45 mm modular dimension for demanding machine frames and assembly systems. Factory machining includes M16 tapped cores and D17V, LF, LF-S bores for direct connections without additional machining. Available in cut-to-length sizes from 80 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



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DESCRIPTION

The Bosch Rexroth Strut Profile 90x180 2xD17LF-S is a large-format aluminum structural profile for load-bearing frames, machine bases, and heavy-duty assembly structures. An area moment of inertia of 2138.3 cm⁴ in the x-direction and a moment of resistance of 237.6 cm³ deliver high bending stiffness at low weight. Multi-axis factory machining means direct assembly without additional cutting operations.

- 12 open profile slots (slot size 10) for maximum connection flexibility on all faces
- 45 mm modular dimension - fully compatible with the Bosch Rexroth aluminum profile system
- Machining: M16 in all core bores; D17V and LF in slots A/H, B/G; LF-S in slots D/K, E/J
- Length range 80 to 6000 mm, cut-to-length service included
- Material: aluminum, anodized (color: natural) - corrosion-resistant and dimensionally stable

TECHNICAL DATA

Property	Value
Cross-section	90x180 mm
Modular dimension	45 mm
Open slots	12
Slot size	10

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Property	Value
Profile type	Standard
Material	Aluminum, anodized
Color	Natural
Length min.	80 mm
Length max.	6000 mm
Profile surface [A]	63.6 cm ²
Mass [m]	17.2 kg/m
Area moment of inertia x [Ix]	2138.3 cm ⁴
Moment of resistance x [Wx]	237.6 cm ³
Area moment of inertia y [Iy]	544.3 cm ⁴
Moment of resistance y [Wy]	121 cm ³
Torsional moment of inertia [It]	429 cm ⁴
Moment of torsion resistance [Wt]	64 cm ³
Packaging unit	1 piece
Profile machining	M16: all core bores; D17V, LF: slots A/H, B/G; LF-S: slots D/K, E/J
Recommended accessories	Cover cap 90x90 black/signal gray, cover cap with hole 90x90 black/signal gray