

Strebenprofil 90x180 2xD17LF-S, eloxiertes Aluminium, 1000 mm - Bosch Rexroth 3842993081-1000

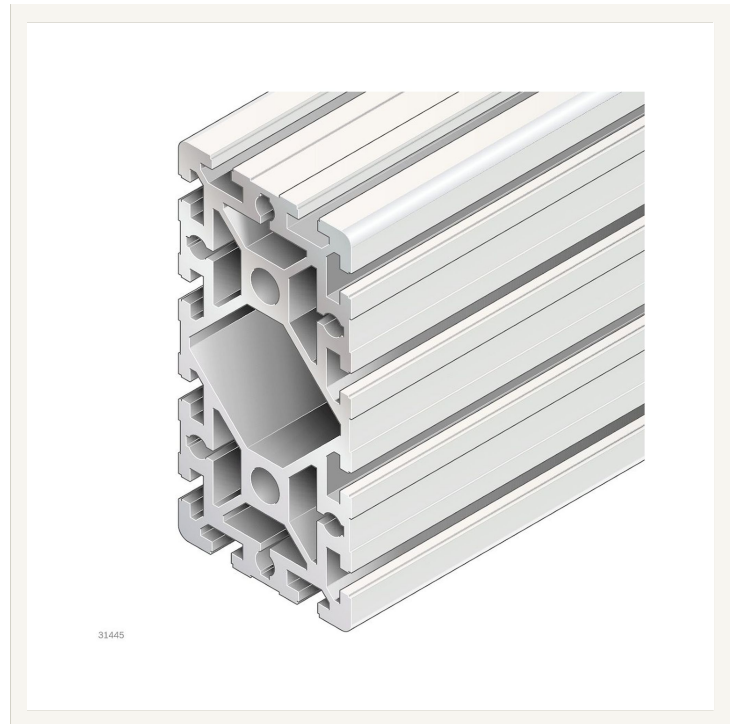
Item no. BRR-3842993081-1000

Manufacturer Bosch Rexroth

Heavy-duty 90x180 mm aluminum strut profile with 12 open slots and 45 mm modular dimension for building machine frames, support structures, and assembly systems. Combined M16, D17V and LF-S profile machining enables direct bolted connections without re-tapping. Supplied at 1000 mm; cut-to-length from 80 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



DESCRIPTION

The Bosch Rexroth strut profile 90x180 2xD17LF-S is an anodized aluminum structural profile designed for demanding machine bases, heavy load-bearing frames, and industrial assembly systems. Its 12 open slots, 45 mm modular dimension, and factory-machined connection points integrate directly into the Rexroth aluminum profile system without secondary operations.

- 12 open slots (slot size 10) on all faces for maximum fixture and connector attachment points
- M16 machining in all core bores - direct metric bolted connections, no tapping required on-site
- D17V bores in slots A/H and B/G, plus LF and LF-S machining for quick-release slot nut connections
- High bending stiffness: area moment of inertia $I_x = 2138.3 \text{ cm}^4$, $I_y = 544.3 \text{ cm}^4$
- Anodized natural-color finish: corrosion-resistant, dimensionally stable, ready to install
- Standard delivery 1000 mm; cut-to-length from 80 mm to 6000 mm on request

TECHNICAL DATA

Property	Value
Cross-section	90x180 mm
Profile type	Standard
Material	Aluminum, anodized
Color	Natural
Modular dimension	45 mm

Property	Value
Open slots	12
Profile slot size	10
Length (supplied)	1000 mm
Length min / max	80 mm / 6000 mm
Profile surface [A]	63.6 cm ²
Mass [m]	17.2 kg/m
Area moment of inertia I _x	2138.3 cm ⁴
Moment of resistance W _x	237.6 cm ³
Area moment of inertia I _y	544.3 cm ⁴
Moment of resistance W _y	121 cm ³
Torsional moment of inertia [I _t]	429 cm ⁴
Moment of torsion resistance [W _t]	64 cm ³
Profile machining	M16: all core bores; D17V: slots A/H, B/G; LF: slots A/H, B/G; LF-S: slots D/K, E/J
Packaging unit	1 piece
Recommended accessories	Cover cap 90x90 black, signal gray; Cover cap with hole 90x90 black, signal gray