

Strebenprofil 90x180, 12 Nuten, 1000 mm - Bosch Rexroth 3842992898-1000

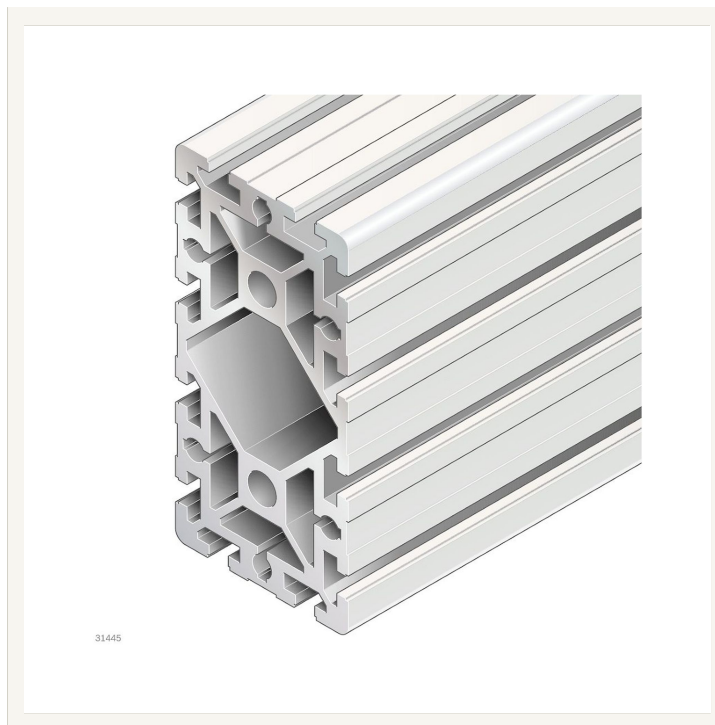
Item no. BRR-3842992898-1000

Manufacturer Bosch Rexroth

Heavy-duty anodized aluminum strut profile with a 90x180 mm cross-section and 12 open slots (slot 10, modular dimension 45 mm) for rigid load-bearing frames and machine structures. Supplied at 1000 mm; custom cuts 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



DESCRIPTION

The 90x180 2XD17LF strut profile in anodized aluminum is engineered for high bending stiffness on both axes. With an area moment of inertia of 2138.3 cm⁴ in the x-direction and 544.3 cm⁴ in the y-direction, it is suited to load-bearing frame structures, machine bases, and protective enclosures within the Rexroth profile system 45.

- 12 open slots (slot 10) provide versatile connection and mounting options without additional machining.
- Factory-machined as supplied: M16 in all core pulls, D17V in slots A/H and B/G, LF in slots A/H and B/G, LF-S in slots D/K and E/J - ready to install.
- Anodized surface provides long-term corrosion resistance and easy cleaning in production environments.
- Supplied at 1000 mm; individual lengths from 80 mm to 6000 mm available on request.

TECHNICAL DATA

Property	Value
Cross-section	90x180 mm
Profile type	Standard
Modular dimension	45 mm
Open slots	12

Property	Value
Profile slot	10
Supplied length	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 x (Ix)	2138.3 cm ⁴
Area moment of inertia y (Iy)	544.3 cm ⁴
Moment of resistance x (Wx)	237.6 cm ³
Moment of resistance y (Wy)	121 cm ³
Torsional moment of inertia (It)	429 cm ⁴
Moment of torsion resistance (Wt)	64 cm ³
Material	Aluminum, anodized
Color	Natural
Profile machining	M16 all core pulls; D17V, LF in slots A/H, B/G; LF-S in slots D/K, E/J
Packaging unit	1 piece