

Strebenprofil 90x180L, M12/D17LF, Aluminium eloxiert, 12 offene Nuten - Bosch Rexroth 3842992860

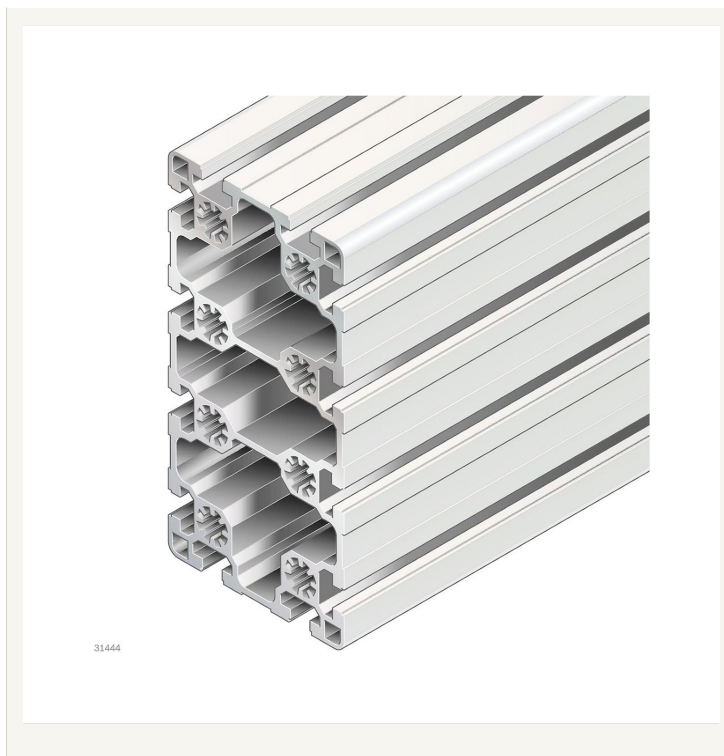
Item no. BRR-3842992860

Manufacturer Bosch Rexroth

Heavy-duty aluminum strut profile with a 90 x 180 mm cross-section, 12 open slots, and a 45 mm modular grid for building rigid frames, machine bases, and conveyor structures. M12 tapping in all core bores plus D17V counterbore and LF milled slot in slots A/H and B/G allow direct fastening without rework. Available cut-to-length from 90 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 Bosch Rexroth Strut Profile 90x180L is a double aluminum standard profile with 12 open slots and a 90 x 180 mm cross-section. It is designed for load-bearing frames, machine structures, and conveyor systems built on the 45 mm modular grid. The profile is supplied anodized in natural color and is available in cut-to-length sections from 90 mm to 6000 mm.

- 12 open slots (slot width 10 mm) for unrestricted connection on all faces
- M12 tapping in all core bores - direct bolted assembly without secondary machining
- D17V counterbore and LF milled slot in slots A/H and B/G for integrated connector technology
- High structural stiffness: area moment of inertia I_x 1380 cm⁴, I_y 401 cm⁴
- Anodized aluminum construction - corrosion-resistant and durable in industrial environments

TECHNICAL DATA

Property	Value
Cross-section	90 x 180 mm
Profile type	Standard (90x180L)
Modular dimension	45 mm
Profile slot width	10 mm
Open slots	12

Property	Value
Length min.	90 mm
Length max.	6000 mm
Mass per metre	11.6 kg/m
Profile surface area (A)	42.8 cm ²
Area moment of inertia I _x	1380 cm ⁴
Moment of resistance W _x	153.3 cm ³
Area moment of inertia I _y	401 cm ⁴
Moment of resistance W _y	89.1 cm ³
Torsional moment of inertia I _t	257 cm ⁴
Torsion resistance moment W _t	47.1 cm ³
Profile adaption	M12 in all core bores; D17V and LF in slots A/H, B/G
Material	Aluminum, anodized
Color	Natural
Packaging unit	1 piece
Recommended accessories	Cover cap 90x90L, black; Cover cap 90x90L, signal gray