

Strebenprofil 90x180 D17V/D17V, Aluminium eloxiert, 12 offene Nuten - Bosch Rexroth 3842992378

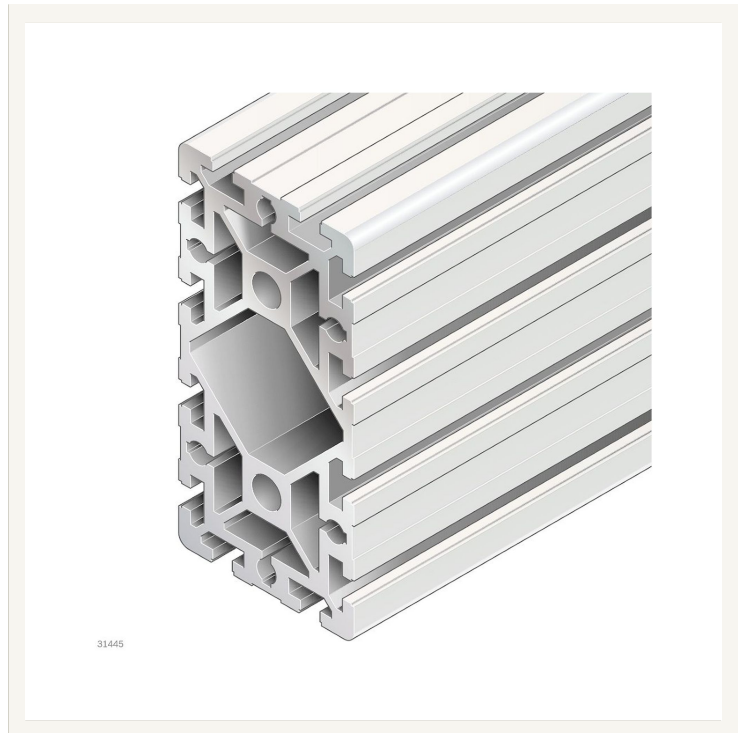
Item no. BRR-3842992378

Manufacturer Bosch Rexroth

Heavy-section strut profile with a 90x180 mm cross-section and D17V machining on both slot pairs, designed for load-bearing frames and machine structures. Anodized aluminum, 12 open slots, 45 mm modular dimension - cut to length 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



DESCRIPTION

The 90x180 D17V/D17V strut profile is a large-format aluminum extrusion for demanding load-bearing applications in assembly and automation systems. With an area moment of inertia of 2138.3 cm⁴ in the x-direction and 544.3 cm⁴ in the y-direction, it delivers high bending stiffness for heavy machine frames, enclosures, and workpiece carrier structures.

- 12 open profile slots (slot size 10) allow connections on all faces without additional machining
- M16 tapped cores in all core channels plus D17V machining in slots A/H and B/G for direct bolt assembly
- LF and LF-S machining in further slots reduces installation effort for longitudinal connectors and rail guides
- Anodized aluminum: corrosion-resistant, chemically stable, dimensionally accurate
- Cut to length: minimum 80 mm, maximum 6000 mm, sold individually

TECHNICAL DATA

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

Property	Value
Profile slot size	10
Length min / max	80 / 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
Profile machining	M16 in all core channels; D17V in slots A/H, B/G; LF in slots A/H, B/G; LF-S in slots D/K, E/J
Material	Aluminum, anodized
Color	Natural
Packaging unit	1 piece
Recommended accessories	Cover cap 90x90 black, cover cap 90x90 signal gray, cover cap with hole 90x90 black, cover cap with hole 90x90 signal gray