

Strebenprofil 90x180L D17V/D17V, Aluminium eloxiert, 12 Nuten - Bosch Rexroth 3842992864-1000

Item no. BRR-3842992864-1000

Manufacturer Bosch Rexroth

Extruded anodized aluminum strut profile with a 90x180L cross-section, 12 open slots on a 45 mm grid, for heavy-duty machine frames and structural assemblies. Factory machining includes M12 threads in all cores plus D17V and LF machining in slots A/H and B/G, ready to mount without rework. Available in cut lengths from 90 to 6000 mm; mass 11.6 kg/m.

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 strut profile 90x180L D17V/D17V is an anodized aluminum double profile from the Bosch Rexroth Assembly Technology system, designed for load-bearing machine frames, structural enclosures, and industrial workstations where high bending and torsional stiffness are required. Its 12 open slots on a 45 mm modular grid accept the full range of Bosch Rexroth profile accessories without modification.

- **High bending stiffness:** area moment of inertia $I_x = 1380 \text{ cm}^4$, $W_x = 153.3 \text{ cm}^3$ - suited for long spans and heavily loaded cross-members
- **12 open slots:** full perimeter connectivity for connectors, brackets, and attachments on all faces
- **Factory machining included:** M12 threads in all cores, D17V bores and LF machining in slots A/H and B/G - no secondary operations required
- **Flexible cut length:** 90 to 6000 mm, supplied individually
- **Anodized aluminum, natural color:** corrosion-resistant and ready for surface protection in industrial and laboratory environments

TECHNICAL DATA

Property	Value
Cross-section	90x180L
Dimensions [mm]	90 x 180

Property	Value
Modular dimension [mm]	45
Profile slot [mm]	10
Open slots	12
Profile type	Standard
Material	Aluminum, anodized
Color	Natural
Length min [mm]	90
Length max [mm]	6000
Mass [kg/m]	11.6
Profile surface A [cm ²]	42.8
Area moment of inertia I _x [cm ⁴]	1380
Moment of resistance W _x [cm ³]	153.3
Area moment of inertia I _y [cm ⁴]	401
Moment of resistance W _y [cm ³]	89.1
Torsional moment of inertia I _t [cm ⁴]	257
Moment of torsion resistance W _t [cm ³]	47.1
Profile machining	M12 in all cores; D17V and LF in slots A/H, B/G
Packaging unit	1
Recommended accessories	Cover cap 90x90L black, cover cap 90x90L signal gray