

Strebenprofil 45x90L, Aluminium eloxiert, ESD- geeignet, Zuschnittlänge 50-6070 mm - Bosch Rexroth 3842992432

Item no. BRR-3842992432

Manufacturer Bosch Rexroth

Strut profile 45x90L in anodized aluminum for structural frames, guards, and workstations. Six open slots, 45 mm modular dimension, and ESD suitability make it a direct fit for electrostatically sensitive production environments. Supplied cut to length from 50 to 6070 mm; mass 3 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	0.1 kg
Zolltarifnummer	76042100

STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The 45x90L strut profile is an anodized aluminum structural section from the Bosch Rexroth Assembly Technology system, with a 45x90 mm cross-section and a 45 mm modular dimension. It is supplied cut to the ordered length (50 to 6070 mm) and is suited to load-bearing frames, protective enclosures, and workstation structures in electrostatically sensitive manufacturing environments (ESD-suitable).

- 6 open slots (slot size 10) accept connectors, brackets, and guides without pre-drilling
- Factory machining options: M12 tapped in all core holes; D17 in slots B/F and C/E; D17V and LF in slots A/D
- ESD-suitable - safe for use in areas with electrostatic-discharge requirements
- Anodized aluminum surface: corrosion-resistant, natural color, lightweight and dimensionally stable
- Cut-to-length pricing - you pay only for the length you need (1 piece per order position)



TECHNICAL DATA

Property	Value
Cross-section	45x90L
Dimensions	45x90 mm
Modular dimension	45 mm
Profile slot	10
Open slots	6
Profile type	Standard
Material	Aluminum, anodized
Color	Natural
ESD	Yes
Condition on delivery	Variable length
Length min	50 mm
Length max	6070 mm
Mass	3 kg/m
Profile surface area (A)	11.3 cm ²
Area moment of inertia I _x	82 cm ⁴
Area moment of inertia I _y	23.6 cm ⁴
Moment of resistance W _x	18.2 cm ³
Moment of resistance W _y	10.5 cm ³
Torsional moment of inertia (I _t)	15.1 cm ⁴
Torsion resistance moment (W _t)	4.4 cm ³
Profile machining	M12: all core holes; D17: slots B/F, C/E; D17V: slots A/D; LF: slots A/D
Packaging unit	1
Recommended accessories	Cover cap 45x90 black, Cover cap 45x90 signal gray, Cover cap with hole 45x90 black, Cover cap with hole 45x90 signal gray