

Strebenprofil 45x90 M16/M16, Aluminium eloxiert, 6 Nuten - Bosch Rexroth 3842990304

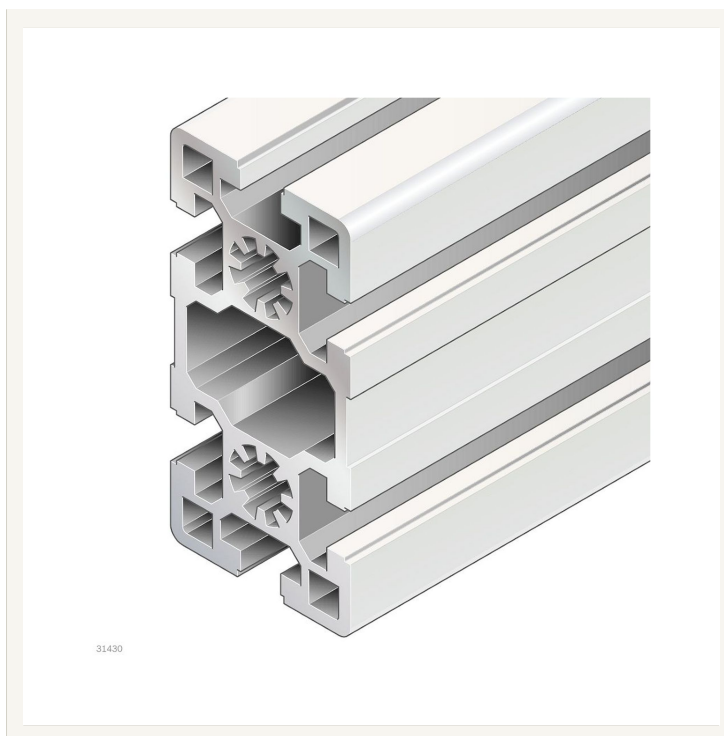
Item no. BRR-3842990304

Manufacturer Bosch Rexroth

Extruded anodized aluminium strut profile with a 45x90 mm cross-section, six open slots, and a 45 mm modular dimension for the Bosch Rexroth profile system. Pre-machined M12 and M16 tapped cores allow fast assembly without additional drilling or tapping. Available in cut-to-length from 240 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 strut profile 45x90 M16/M16 is a standard-type anodized aluminium profile for building machine guards, workpiece carriers, conveyor structures, and industrial frames within the Bosch Rexroth modular assembly system. Six open slots on a 45 mm grid provide full connectivity for brackets, connectors, and accessories across the entire profile range.

- 45x90 mm cross-section with 6 open slots - high connection density for brackets, connectors, and mounts
- Pre-machined cores M12 and M16 in all cores, D17 in slots B/F and C/E, D17V in slots A/D - no secondary machining required
- Area moment of inertia $I_x = 124.6 \text{ cm}^4$, $W_x = 27.7 \text{ cm}^3$ - high bending stiffness in the x-direction for load-bearing structures
- Cut-to-length from 240 mm to 6000 mm - priced per cut, no minimum order quantity
- Anodized aluminium, natural colour - corrosion-resistant, ready to install

TECHNICAL DATA

Property	Value
Cross-section	45x90 mm
Modular dimension	45 mm
Open slots	6

Property	Value
Profile slot	10
Profile type	Standard
Colour	Natural
Material	Aluminium, anodized
Profile adaption	M12, M16: all cores; D17: slots B/F, C/E; D17V: slots A/D
Length min. (L min)	240 mm
Length max. (L max)	6000 mm
Mass (m)	4.2 kg/m
Profile surface (A)	15.4 cm ²
Area moment of inertia I _x	124.6 cm ⁴
Moment of resistance W _x	27.7 cm ³
Area moment of inertia I _y	32.8 cm ⁴
Moment of resistance W _y	14.6 cm ³
Torsional moment of inertia (I _t)	15.4 cm ⁴
Moment of torsion resistance (W _t)	6.61 cm ³
Packaging unit	1 piece
Recommended accessories	Cover cap 45x90 black, Cover cap 45x90 signal gray, Cover cap with hole 45x90 black, Cover cap with hole 45x90 signal gray