

Strebenprofil 90x90L, Aluminium eloxiert, 8 Nuten, Rastermaß 45 mm - Bosch Rexroth 3842993680

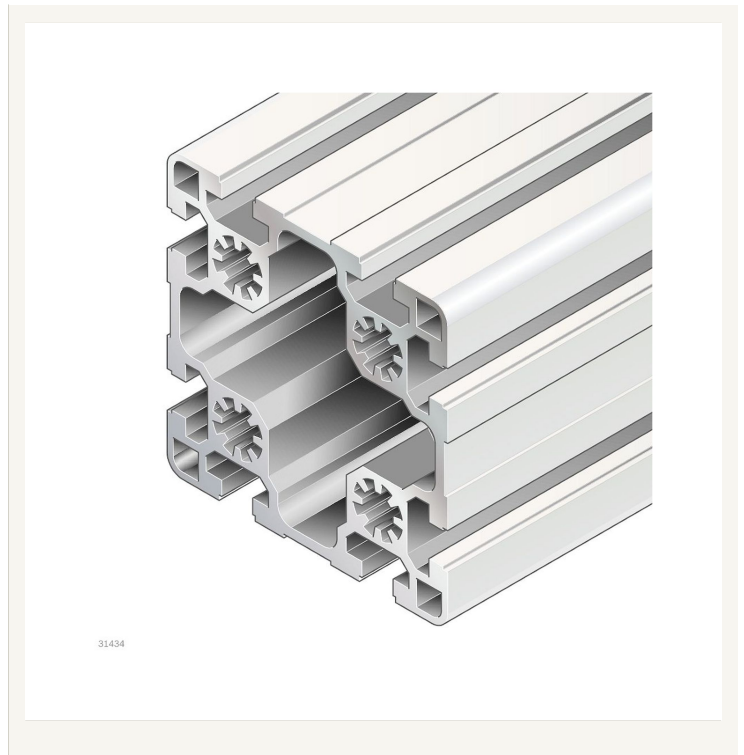
Item no. BRR-3842993680

Manufacturer Bosch Rexroth

Extruded anodized aluminum strut profile for structural framing, workstations, and machine guarding within the Bosch Rexroth profile system. Eight open slots (10 mm width) on a 45 mm grid allow tool-free connection of system components in any direction. Available cut to length from 50 to 6070 mm, with standard or custom end machining options.

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



DESCRIPTION

The 90x90L strut profile in anodized aluminum is the primary load-bearing element for workstations, equipment frames, and machine structures built on the Bosch Rexroth profile system. An area moment of inertia of 211.1 cm⁴ in both axes and a cross-sectional area of 24.1 cm² deliver high rigidity at a linear mass of 6.5 kg/m.

- Eight open slots (10 mm wide) give unrestricted access for connectors and accessories in any orientation - no drilling required
- Symmetric 90x90 mm cross-section with 45 mm modular grid - fully compatible with all Rexroth Q&E system components
- Cut to any length from 50 to 6070 mm, supplied individually (packaging unit: 1)
- Standard profile finishing: M12 / D9.8 / D17 / DB17 (minimum length applies)
- Customized profile finishing: DI / DIS / MT / MTS / MI / MIS / DG (DGmax = 45°, Lmin1/Lmin2 = 456/612 mm)
- Surface: aluminum, anodized, natural color

TECHNICAL DATA

Property	Value
Cross-section	90x90L
Dimensions [mm]	90x90

Property	Value
Modular dimension [mm]	45
Profile slot [mm]	10
Open slots	8
Profile type	Standard
Length min [mm]	50
Length max [mm]	6070
Mass [kg/m]	6.5
Profile surface [A] [cm ²]	24.1
Area moment of inertia $I_x = I_y$ [cm ⁴]	211.1
Moment of resistance $W_x = W_y$ [cm ³]	46.9
Torsional moment of inertia I_t [cm ⁴]	82.1
Moment of torsion resistance W_t [cm ³]	20.1
Material	Aluminum, anodized
Color	Natural
Standard profile finishing	M12 / D9.8 / D17 / DB17
Customized profile finishing	DI / DIS / MT / MTS / MI / MIS / DG
Recommended accessories	Cover cap 90x90L black, Cover cap 90x90L signal gray