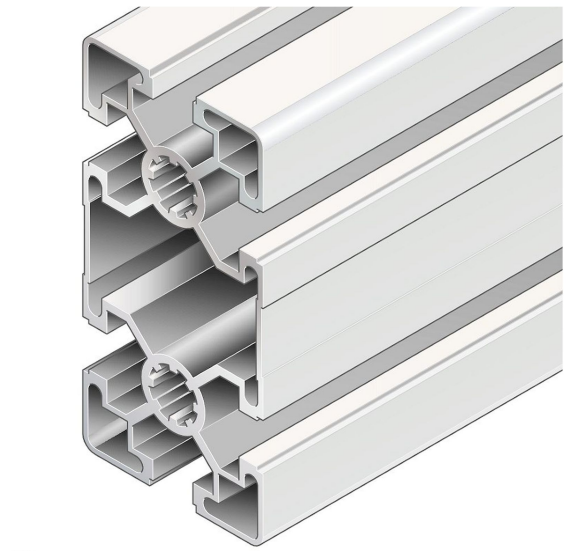
Strut Profile 45x90 SL, Anodized Aluminium, Length 50-6070 mm - Bosch Rexroth 3842993450

Item no. BRR-3842993450 **Manufacturer Bosch Rexroth**

Strut profile 45x90 SL in anodized aluminium for modular assembly structures, guarding, and workstation frameworks on a 45 mm grid. Six open slots (10 mm width) allow connections in any direction without drilling. Supplied cut to length - freely selectable from 50 to 6070 mm.



TECHNICAL DATA

Ausführungsklasse	**TEC**
Country of Manufacture	**Germany**
HS-Code	**76042100**
Note	**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**

DESCRIPTION

The Bosch Rexroth strut profile 45x90 SL is a load-bearing aluminium section for modular construction of workstations, machine guarding, shelving, and enclosures. The asymmetric 45x90 mm cross-section provides substantially greater bending stiffness in the x-direction than in the y-direction, making it the right choice for columns and crossbeams under primarily unidirectional loads.

- Six open slots (10 mm width) for connectors in all directions - no drilling or cutting required on site
- Cut-to-length supply: any dimension from 50 to 6070 mm ordered in 1 mm increments
- Anodized surface: corrosion-resistant, easy to clean, dimensionally stable long-term
- High bending stiffness in the main load direction: Ix = 73.4 cm⁴, Wx = 16.3 cm³
- Fully compatible with the Bosch Rexroth profile system (45 mm modular grid)

TECHNICAL DATA

Parameter	Value
Cross-section	45x90 SL
Dimensions [mm]	45x90
Modular dimension [mm]	45
Profile type	Standard
Open slots	6

Parameter	Value
Profile slot width [mm]	10
Length min. / max. [mm]	50 / 6070
Condition on delivery	Variable length (cut to size)
Material	Aluminium, anodized
Color	Natural
Profile surface [A] [cm²]	9
Mass [m] [kg/m]	2.4
Area moment of inertia Ix [cm⁴]	73.4
Moment of resistance Wx [cm³]	16.3
Area moment of inertia Iy [cm⁴]	18.1
Moment of resistance Wy [cm³]	8
Torsional moment of inertia It [cm⁴]	8.57
Moment of torsion resistance Wt [cm³]	4
Packaging unit	1