

Strebenprofil 90x90 SL, 1000 mm, Aluminium eloxiert, 8 Nuten - Bosch Rexroth 3842993449-1000

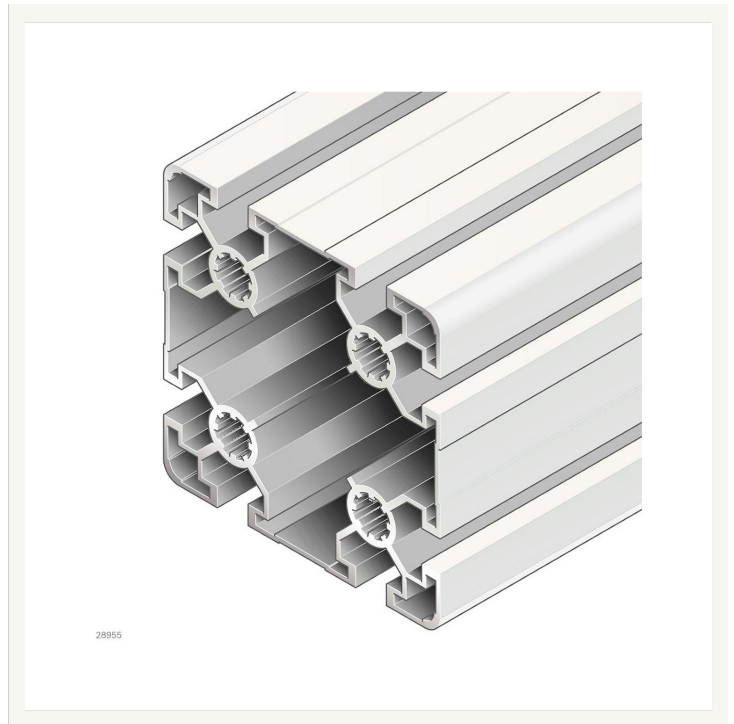
Item no. BRR-3842993449-1000

Manufacturer Bosch Rexroth

Strut profile 90x90 SL in anodized aluminum for load-bearing assembly, automation, and fixture structures. Eight open slots (slot width 10, modular dimension 45 mm) allow flexible connections in any orientation without drilling or welding. Cut to length between 50 mm and 6070 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	0.0099 kg
Zolltarifnummer	76042100



DESCRIPTION

The Bosch Rexroth 90x90 SL strut profile is a standard section in the 90 mm modular system, designed for structural frames in assembly, automation, and industrial fixture applications. Its square cross-section with eight open slots provides full connection freedom in every mounting orientation while delivering high bending and torsional stiffness.

- Eight open slots (slot profile 10) for tool-free connections - no drilling or welding required
- Area moment of inertia I_x/I_y 130.2 cm⁴ each - symmetrical load capacity in both axes
- Torsional moment of resistance W_t 13.9 cm³ with torsional moment of inertia I_t 42.5 cm⁴
- Profile surface 14.1 cm² at 3.8 kg/m - rigid section with low self-weight
- Variable length from 50 mm to 6070 mm, modular dimension 45 mm
- Anodized aluminum - corrosion-resistant, natural finish

TECHNICAL DATA

Property	Value
Cross-section	90x90 SL
Dimensions	90x90 mm
Profile type	Standard
Profile slot	10
Modular dimension	45 mm

Property	Value
Open slots	8
Length min. (L min)	50 mm
Length max. (L max)	6070 mm
Condition on delivery	Variable length
Packaging unit	1
Profile surface (A)	14.1 cm ²
Mass (m)	3.8 kg/m
Area moment of inertia in x-direction (Ix)	130.2 cm ⁴
Area moment of inertia in y-direction (Iy)	130.2 cm ⁴
Moment of resistance in x-direction (Wx)	28.9 cm ³
Moment of resistance in y-direction (Wy)	28.9 cm ³
Torsional moment of inertia (It)	42.5 cm ⁴
Moment of torsion resistance (Wt)	13.9 cm ³
Material	Aluminum, anodized
Color	Natural
Recommended accessories	Cover cap 90x90L black, Cover cap 90x90L signal gray