

Strut Profile 90x90 SL, Anodized Aluminum, Variable Length 50-6070 mm - Bosch Rexroth 3842993449

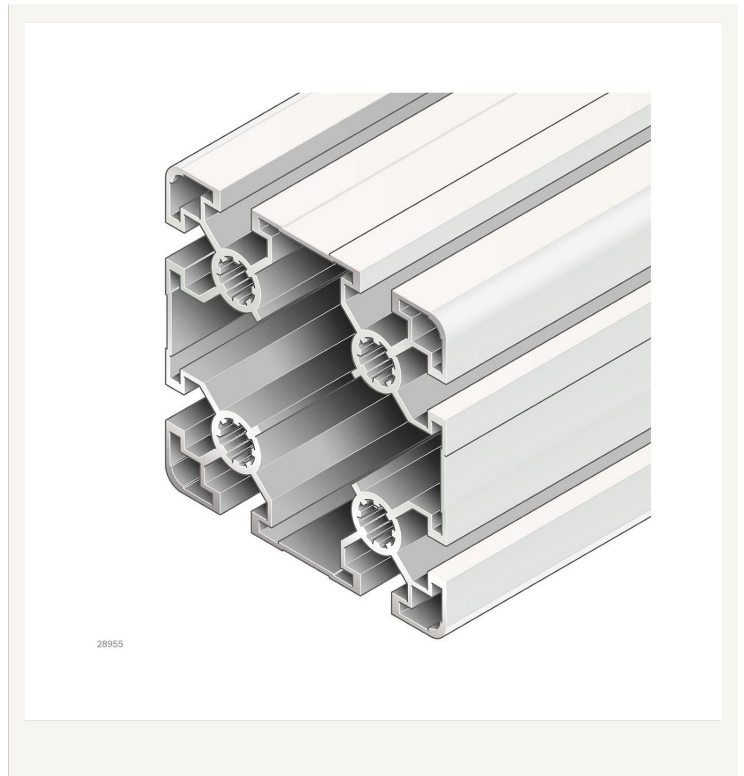
Item no. BRR-3842993449

Manufacturer Bosch Rexroth

Anodized aluminum strut profile with 90x90 SL cross-section, 8 open slots, and a modular dimension of 45 mm. Supplied cut to length (50 to 6070 mm), it integrates directly into the Bosch Rexroth profile system for machine frames, guarding, and assembly structures. The area moment of inertia of 130.2 cm⁴ in both axes delivers high bending stiffness for load-bearing applications.

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 90x90 SL strut profile in anodized aluminum is a heavy-duty standard section for load-bearing frames, machine bases, and safety enclosures within the Bosch Rexroth assembly technology system. Eight open slots on the 45 mm modular grid allow connection to the full range of compatible accessories on every face. Cut-to-length delivery from 50 to 6070 mm means parts arrive ready to assemble.

- High bending stiffness: area moment of inertia $I_x = I_y = 130.2 \text{ cm}^4$, moment of resistance $W_x = W_y = 28.9 \text{ cm}^3$
- 8 open profile slots for full connection flexibility on all sides
- Anodized aluminum - corrosion-resistant, lightweight, and dimensionally stable
- Cut to length on order: minimum 50 mm, maximum 6070 mm
- Fully compatible with the Bosch Rexroth assembly technology system (modular dimension 45 mm)

TECHNICAL DATA

Property	Value
Cross-section	90x90 SL
Dimensions [mm]	90 x 90
Profile type	Standard

Property	Value
Open slots	8
Profile slot	10
Modular dimension [mm]	45
Length min / max [mm]	50 / 6070
Condition on delivery	Variable length
Material	Aluminum, anodized
Color	Natural
Profile surface A [cm ²]	14.1
Mass m [kg/m]	3.8
Area moment of inertia I _x = I _y [cm ⁴]	130.2
Moment of resistance W _x = W _y [cm ³]	28.9
Torsional moment of inertia I _t [cm ⁴]	42.5
Moment of torsion resistance W _t [cm ³]	13.9
Packaging unit	1
Recommended accessories	Cover cap 90x90L black, Cover cap 90x90L signal gray