

Strebenprofil 30x30, Aluminium eloxiert, Nut 8, variable Länge - Bosch Rexroth 3842990720-1000

Item no. BRR-3842990720-1000 **Manufacturer** Bosch Rexroth

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Anodized aluminum strut profile with a 30x30 mm cross-section for building frames, guards, and assembly structures in the Rexroth profile system. Four open size-8 slots on all sides allow flexible connection of fittings and accessories without specialist tooling. Cut to length on order - from 50 mm up to 6070 mm in a 30 mm grid.

TECHNICAL DATA

Article authenticity	Original product
Condition of article	New
Country of Manufacture	Germany
ESD-Ausführung	TEC
Weight	0.0099 kg
Zolltarifnummer	76042100



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Bosch Rexroth Strut Profile 30x30 is an anodized aluminum extrusion on a 30 mm modular grid, designed for constructing machine frames, protective enclosures, and modular assembly systems. Four open slots (width 8) on every face accept the full range of Rexroth size-30 connectors and accessories, allowing structures to be assembled, adjusted, and extended without drilling.

- Four open slots (slot width 8) on all four faces for unrestricted connection at any position
- Variable cut-to-length service: 50 mm to 6070 mm in 30 mm increments
- Anodized aluminum - corrosion-resistant, lightweight, and durable
- Area moment of inertia $I_x = I_y = 2.8 \text{ cm}^4$, section modulus $W_x = W_y = 1.8 \text{ cm}^3$ - balanced bending and torsional stiffness
- Profile cross-section 3.1 cm^2 , mass 0.9 kg/m - favorable stiffness-to-weight ratio

- Fully compatible with all Bosch Rexroth size-30 profile system components

Technical data

Property	Value
Cross-section	30 x 30 mm
Modular dimension	30 mm
Profile slot	8
Open slots	4
Profile type	Standard
Material	Aluminum, anodized
Color	Natural
Length min (L min)	50 mm
Length max (L max)	6070 mm
Condition on delivery	Variable length
Packaging unit	1
Mass (m)	0.9 kg/m
Profile surface (A)	3.1 cm ²
Area moment of inertia I _x	2.8 cm ⁴
Area moment of inertia I _y	2.8 cm ⁴
Section modulus W _x	1.8 cm ³
Section modulus W _y	1.8 cm ³
Torsional moment of inertia (I _t)	0.29 cm ⁴
Moment of torsion resistance (W _t)	0.33 cm ³