

Strebenprofil 90x90L, 6x6070mm, Aluminium eloxiert, ESD-geeignet - Bosch Rexroth 3842553613

Item no. BRR-3842553613

Manufacturer Bosch Rexroth

Heavy-duty 90x90L strut profile in anodized aluminum, supplied as a packaging unit of 6 bars at 6070mm each. The symmetric cross-section with 8 open slots (slot size 10, modular dimension 45mm) suits load-bearing frame structures and ESD-compliant assembly lines. All core channels are pre-machined with M12 threads.

TECHNICAL DATA

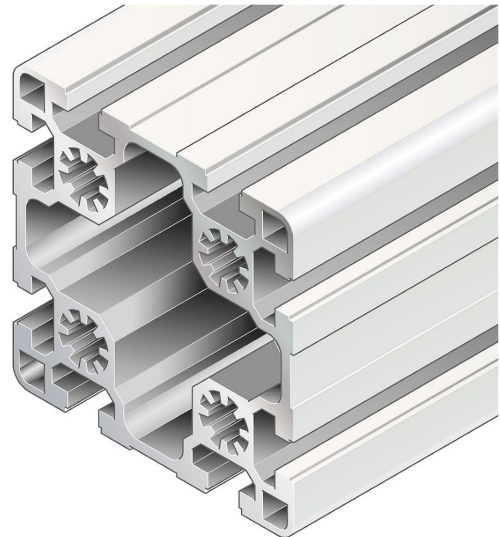
Country of Manufacture **Sweden**

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.**

Lenght **6070 mm**

Weight **256 kg**

Zolltarifnummer **76042100**



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STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Bosch Rexroth 90x90L strut profile is a heavy structural aluminum section for demanding frame systems, machine enclosures, and ESD-sensitive assembly lines. The 90x90mm cross-section offers 8 open slots and factory-machined M12 threads in all core channels, allowing direct integration into Rexroth-compatible profile systems without rework. Each packaging unit contains 6 bars of 6070mm (total weight 256kg).

- ESD-suitable - compatible with electrostatically sensitive production environments
- Factory pre-machined: M12 in all core channels, D17 in slots C/H and D/G, D17V in slots A/F and B/E, LF in slots C/H and D/G
- Symmetric bending and torsional stiffness: $W_x=W_y=46.9\text{cm}^3$, $I_x=I_y=211.1\text{cm}^4$
- 45mm modular dimension - fully compatible with the Rexroth accessory range
- Anodized aluminum, natural color - corrosion-resistant with a durable surface finish

TECHNICAL DATA

Property	Value
Cross-section	90x90L

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Property	Value
Dimensions	90x90 mm
Length [L]	6070 mm
Delivery unit	6 bars
Mass per bar [m]	6.5 kg
Total weight (packaging unit)	256 kg
Profile type	Standard
Profile slot	10
Open slots	8
Modular dimension	45 mm
ESD	yes
Material	Aluminum, anodized
Color	Natural
Profile surface [A]	24.1 cm ²
Area moment of inertia X [Ix]	211.1 cm ⁴
Area moment of inertia Y [Iy]	211.1 cm ⁴
Moment of resistance X [Wx]	46.9 cm ³
Moment of resistance Y [Wy]	46.9 cm ³
Torsional moment of inertia [It]	82.1 cm ⁴
Moment of torsion resistance [Wt]	20.1 cm ³
Pre-machining	M12: all core channels; D17: slots C/H, D/G; D17V: slots A/F, B/E; LF: slots C/H, D/G
Condition on delivery	Packaging unit in standard length
Recommended accessories	Cover cap 90x90L black; Cover cap 90x90L signal gray