

Strebenprofil 45x45L R, 6070 mm, Aluminium eloxiert, Natur - Bosch Rexroth 3842558310

Item no. BRR-3842558310

Manufacturer Bosch Rexroth

Circular cross-section strut profile 45x45L R, 6070 mm long, made from anodized aluminum for Bosch Rexroth modular assembly systems. Two open slots (profile slot 10, modular dimension 45 mm) allow tool-free integration of connectors and accessories. Supplied as a single rod in standard length; recommended accessories are cover caps 45x45 R in signal gray or black.

TECHNICAL DATA

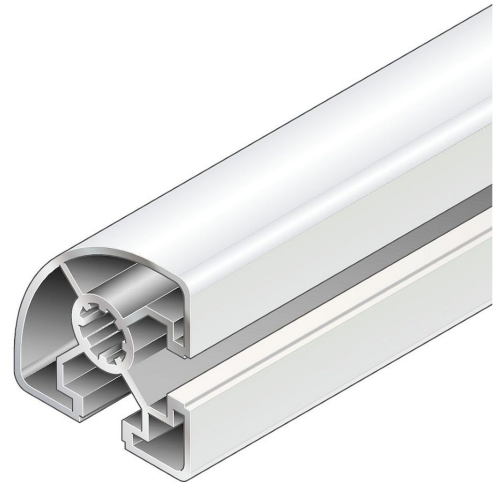
Country of Manufacture **Germany**

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.**

Length **6070 mm**

Weight **8.1 kg**

Zolltarifnummer **76042100**



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DESCRIPTION

The 45x45L R strut profile at 6070 mm is an aluminum structural section from the Bosch Rexroth modular assembly system for industrial manufacturing and transfer structures. The circular profile type with two open slots combines high torsional rigidity with low weight and fits directly into existing modular-45 frameworks without modification.

- Anodized aluminum surface - corrosion-resistant and durable without additional coating
- Two open slots (profile slot 10, modular dimension 45 mm) for tool-free mounting of brackets, connectors and clamping elements
- Symmetric area moments of inertia $I_x = I_y = 8.6 \text{ cm}^4$ - equal stiffness in x- and y-direction
- Mass 1.3 kg/m at profile surface 4.9 cm^2 - lightweight with solid structural capacity
- Delivered as single rod in standard length, packaging unit 1 - straightforward procurement planning

TECHNICAL DATA

Property	Value
Cross-section	45x45L R
Profile type	Circular
Length [L]	6070 mm

Property	Value
Dimensions	45x45 mm
Modular dimension	45 mm
Profile slot	10
Open slots	2
Material	Aluminum, anodized
Color	Natural
Profile surface [A]	4.9 cm ²
Mass [m]	1.3 kg/m
Weight (rod)	8.1 kg
Area moment of inertia [Ix]	8.6 cm ⁴
Area moment of inertia [Iy]	8.6 cm ⁴
Moment of resistance [Wx]	5 cm ³
Moment of resistance [Wy]	5 cm ³
Torsional moment of inertia [It]	3.3 cm ⁴
Moment of torsion resistance [Wt]	2.8 cm ³
Condition on delivery	Single rod in standard length
Packaging unit	1
Recommended accessories	Cover cap 45x45 R, signal gray; Cover cap 45x45 R, black