

Strebenprofil 30x30 R, 6070 mm, Aluminium eloxiert, Natur - Bosch Rexroth 3842558309

Item no. BRR-3842558309

Manufacturer Bosch Rexroth

Circular cross-section aluminum strut profile for Bosch Rexroth modular assembly systems, supplied as a single rod at 6070 mm standard length. Anodized natural finish with profile slot 8 and 2 open slots allows direct connection with the full range of Rexroth compatible connectors and fasteners.

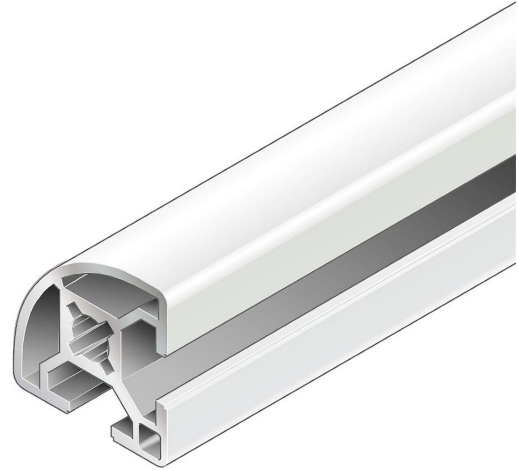
TECHNICAL DATA

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 **4.8 kg**

Zolltarifnummer **76042100**


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DESCRIPTION

The strut profile 30x30 R (article 3842558309) is an extruded, anodized aluminum profile for building modular assembly and automation structures within the Bosch Rexroth 30 mm grid system. Its circular profile type and symmetrical cross-section deliver identical bending and torsion characteristics in both the x- and y-directions, simplifying structural calculations.

- Circular profile with 30x30 mm cross-section - uniform W_x and W_y values of 1.4 cm^3 reduce design complexity for frames and supports.
- Anodized aluminum construction - corrosion-resistant surface without additional coating, linear mass of 0.8 kg/m .
- Profile slot 8 with 2 open slots - direct fit for standard Rexroth connectors, brackets and fastening elements without special preparation.
- 6070 mm standard length, single rod - can be cut to custom dimensions for individual frame configurations.

TECHNICAL DATA

Property	Value
Cross-section	30x30 R
Profile type	Circular
Length [L]	6070 mm

Property	Value
Modular dimension	30 mm
Profile slot	8
Open slots	2
Dimensions	30x30 mm
Material	Aluminum, anodized
Color	Natural
Profile surface [A]	2.9 cm ²
Mass [m]	0.8 kg/m
Weight (rod)	4.8 kg
Area moment of inertia x [Ix]	2.3 cm ⁴
Area moment of inertia y [Iy]	2.3 cm ⁴
Moment of resistance x [Wx]	1.4 cm ³
Moment of resistance y [Wy]	1.4 cm ³
Torsional moment of inertia [It]	0.81 cm ⁴
Moment of torsion resistance [Wt]	1.2 cm ³
Condition on delivery	Single rod in standard length
Packaging unit	1
Recommended accessories	Cover cap 30x30 R, signal gray; Cover cap 30x30 R, black