

Strebenprofil 30x30 R, Aluminium eloxiert, 1000 mm - Bosch Rexroth 3842992896-1000

Item no. BRR-3842992896-1000

Manufacturer Bosch Rexroth

Anodized aluminum strut profile with circular 30x30 mm cross-section and 2 open size-8 slots for the Bosch Rexroth modular assembly system. Supplied cut to length (50 to 6070 mm) and integrates directly into 30 mm grid structures without additional machining. Cover caps in black or signal gray are available as recommended accessories.

TECHNICAL DATA

Ausführungsklasse	TEC
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.
Weight	0.0099 kg
Zolltarifnummer	76042100



DESCRIPTION

The 30x30 R strut profile in anodized aluminum is part of the Bosch Rexroth assembly technology system, suitable for building machine guards, conveyor frames, workstation structures and enclosures on a 30 mm modular grid. The circular cross-section with 2 open size-8 slots accepts the full range of Bosch Rexroth connectors and accessories without any cutting or drilling.

- Cut to length from 50 mm to 6070 mm - exact dimension ordered at time of purchase
- Profile surface area 2.9 cm² at 0.8 kg/m - lightweight with high torsional rigidity
- Area moment of inertia $I_x = I_y = 2.3 \text{ cm}^4$ - symmetrical load behavior on both axes
- Torsional moment of resistance $W_t = 1.2 \text{ cm}^3$, torsional moment of inertia $I_t = 0.81 \text{ cm}^4$
- Anodized finish - corrosion-resistant, easy to clean, natural color
- Packaging unit: 1 piece

TECHNICAL DATA

Parameter	Value
Cross-section	30x30 R
Profile type	circular
Modular dimension	30 mm
Profile slot	size 8
Open slots	2

Parameter	Value
Length (this item)	1000 mm
Length min / max	50 mm / 6070 mm
Condition on delivery	variable length
Profile surface [A]	2.9 cm ²
Mass [m]	0.8 kg/m
Area moment of inertia [Ix]	2.3 cm ⁴
Area moment of inertia [Iy]	2.3 cm ⁴
Moment of resistance [Wx]	1.4 cm ³
Moment of resistance [Wy]	1.4 cm ³
Torsional moment of inertia [It]	0.81 cm ⁴
Moment of torsion resistance [Wt]	1.2 cm ³
Material	Aluminum, anodized
Color	Natural
Packaging unit	1
Recommended accessories	Cover cap 30x30 R black, Cover cap 30x30 R signal gray