

Strebenprofil 20x20 1N, Aluminium eloxiert, variabel 50-3000 mm - Bosch Rexroth 3842993421-1000

Item no. BRR-3842993421-1000

Manufacturer Bosch Rexroth

Anodized aluminum strut profile with a 20x20 mm cross-section and one open slot (type 1N, 6 mm slot width) for building modular assembly, guarding, and support structures. Supplied cut to length between 50 and 3000 mm, ready to install without further machining. The 20 mm modular dimension ensures full compatibility across the Bosch Rexroth Series 20 system.

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 strut profile 20x20 1N is the primary structural element of the Bosch Rexroth aluminum profile system, suited for assembly frames, machine guarding, and transport structures. Variable cut-to-length delivery from 50 to 3000 mm minimizes material waste and eliminates on-site cutting in most applications.

- 20x20 mm cross-section with one open profile slot (type 1N, 6 mm slot width) for standard Rexroth connectors and fasteners
- 20 mm modular dimension - fully compatible with all Bosch Rexroth Series 20 components
- Anodized aluminum surface (natural color) - corrosion-resistant and suitable for long-term industrial use
- Supplied as variable length, packaging unit: 1 piece

TECHNICAL DATA

Property	Value
Cross-section	20x20 mm
Profile type	1N
Profile slot width	6 mm
Open slots	1
Modular dimension	20 mm

Property	Value
Length min.	50 mm
Length max.	3000 mm
Mass	0.5 kg/m
Profile surface (A)	1.9 cm ²
Area moment of inertia I _x	0.8 cm ⁴
Area moment of inertia I _y	0.8 cm ⁴
Moment of resistance W _x	0.8 cm ³
Moment of resistance W _y	0.8 cm ³
Torsional moment of inertia (I _t)	0.6 cm ⁴
Moment of torsion resistance (W _t)	0.67 cm ³
Material	Aluminum, anodized
Color	Natural
Recommended accessories	Cover cap 20x20 signal gray, Cover cap 20x20 black