

Strut Profile 20x20 1N, Anodized Aluminum, Slot 6, Length 50-3000 mm - Bosch Rexroth 3842993421

Item no. BRR-3842993421

Manufacturer Bosch Rexroth

Anodized aluminum strut profile with 20x20 mm square cross-section and one open slot (type 1N) for flexible assembly systems. Cut to length from 50 to 3000 mm, 20 mm modular dimension - fully compatible with the Bosch Rexroth profile system. Recommended accessories: cover caps 20x20 in signal gray or black.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
HS-Code	76042100
Note	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	0.1 kg



DESCRIPTION

The 20x20 1N strut profile in anodized aluminum is the compact base element for lightweight assembly frames, guarding structures, and machine frames within the Bosch Rexroth assembly system. One open profile slot (slot width 6 mm, modular dimension 20 mm) allows flexible positioning of connectors and attachments along the full profile length.

- Cut to length from 50 to 3000 mm - no minimum order, no material waste
- Anodized surface (color: natural) - corrosion-resistant and durable
- Symmetric cross-section: area moments of inertia $I_x = I_y = 0.8 \text{ cm}^4$, moments of resistance $W_x = W_y = 0.8 \text{ cm}^3$
- Profile surface 1.9 cm^2 , mass 0.5 kg/m - lightweight with good dimensional stability
- Fully compatible with the Bosch Rexroth 20 mm profile system (connectors, brackets, nuts, cover caps)

TECHNICAL DATA

Attribute	Value
Cross-section	20x20 mm
Profile type	1N
Open slots	1

Attribute	Value
Profile slot (width)	6 mm
Modular dimension	20 mm
Length min (L min)	50 mm
Length max (L max)	3000 mm
Material	Aluminum, anodized
Color	Natural
Profile surface (A)	1.9 cm ²
Mass (m)	0.5 kg/m
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
Packaging unit	1
Recommended accessories	Cover cap 20x20 signal gray, Cover cap 20x20 black