

Strebenprofil 20x20 3N, 3000 mm, Aluminium eloxiert - Bosch Rexroth 3842517174

Item no. BRR-3842517174 **Manufacturer** Bosch Rexroth

Manufacturer no. 3842517174

Square 20x20 strut profile with three open slots (type 3N) in anodized aluminum, 3000 mm length. The 6 mm profile slot on a 20 mm modular grid connects directly to the full range of Bosch Rexroth aluminum profile accessories. Supplied as a single rod in standard length.

TECHNICAL DATA

Article authenticity	Original product
Condition of article	New
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.
Lenght	3000 mm
Weight	1.426 kg
Zolltarifnummer	76042100



DESCRIPTION

The 20x20 3N strut profile is a square aluminum structural section with three open slots and a 20 mm modular dimension. It is designed for lightweight frames, machine guards, conveyor supports, and enclosures within the Bosch Rexroth profile system. Anodized aluminum construction provides lasting corrosion resistance with minimal weight.

- Three open slots (type 3N) allow connections on three faces without repositioning the workpiece.
- 6 mm profile slot on a 20 mm grid - fully compatible with Bosch Rexroth connectors, brackets, and caps.
- Anodized finish: corrosion-resistant, natural color, no additional surface treatment required.

- Supplied as a single rod, 3000 mm, ready to cut and assemble.
- Recommended accessories: cover cap 20x20 in signal gray or black.

Technical data

Parameter	Value
Cross-section	20x20 mm
Profile type	3N
Open slots	3
Profile slot	6 mm
Modular dimension	20 mm
Length [L]	3000 mm
Material	Aluminum, anodized
Color	Natural
Profile surface [A]	1.7 cm ²
Mass [m]	0.5 kg/m
Weight (rod)	1.426 kg
Area moment of inertia [Ix]	0.7 cm ⁴
Area moment of inertia [Iy]	0.8 cm ⁴
Moment of resistance [Wx]	0.7 cm ³
Moment of resistance [Wy]	0.7 cm ³
Torsional moment of inertia [It]	0.19 cm ⁴
Moment of torsion resistance [Wt]	0.34 cm ³
Condition on delivery	Single rod in standard length
Packaging unit	1
Recommended accessories	Cover cap 20x20, signal gray; Cover cap 20x20, black