

Strebenprofil 20x20 1N, Aluminium eloxiert, Nut 6, 50-3000 mm - Bosch Rexroth 3842993690

Item no. BRR-3842993690 **Manufacturer** Bosch Rexroth

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Extruded anodized aluminum strut profile, 20x20 mm cross-section, type 1N, with one open slot (slot width 6 mm). Modular dimension 20 mm; cut-to-length from 50 mm to 3000 mm. Designed for lightweight frames, covers, and mounting structures within the Bosch Rexroth profile system.

TECHNICAL DATA

Article authenticity	Original product
Condition of article	New
Country of Manufacture	Germany
ESD-Ausführung	TEC
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	0.1 kg
Zolltarifnummer	76042100



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The 20x20 1N strut profile is an anodized aluminum extrusion with a 20x20 mm cross-section and one open longitudinal slot (width 6 mm). Part of the Bosch Rexroth modular profile system (grid dimension 20 mm), it is used to build lightweight frame structures, enclosures, guarding panels, and attachment points in assembly and automation systems.

- Cut-to-length: 50 mm to 3000 mm in 1 mm increments

- Standard profile finishing: M6, D5.8, D8, DB8 (minimum length applies)
- Customized finishing: DI, DIS, MT, MTS, MI, MIS, DG (DGmax = 45 deg, Lmin1/Lmin2 = 335/370 mm)
- Material: aluminum, anodized, natural color
- Recommended accessories: cover cap 20x20 in signal gray or black

Technical data

Property	Value
Cross-section	20x20 mm
Profile type	1N
Slot width	6 mm
Open slots	1
Modular dimension	20 mm
Length min.	50 mm
Length max.	3000 mm
Mass	0.5 kg/m
Profile surface [A]	1.9 cm ²
Area moment of inertia [$I_x = I_y$]	0.8 cm ⁴
Moment of resistance [$W_x = W_y$]	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
Packaging unit	1 piece