

Strut Profile 20x40, Anodized Aluminum, 6 Slots, L 50-3000 mm - Bosch Rexroth 3842993696

Item no. BRR-3842993696

Manufacturer Bosch Rexroth

Extruded anodized aluminum strut profile with a 20x40 mm cross-section, 6 open slots (slot size 6), and a modular dimension of 20 mm. Designed for lightweight frames, guards, and support structures within the Bosch Rexroth assembly system. Available cut to length from 50 mm to 3000 mm with standard or custom profile finishing.

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 20x40 strut profile in anodized aluminum is a core structural element of the Bosch Rexroth Assembly Technology system. Six open slots (slot size 6) on all faces allow fast, low-tool assembly with standardized connectors, brackets, and fasteners - suited for machine guards, lightweight frames, and auxiliary structures in industrial assembly and automation.

- 6 open slots (slot size 6) for versatile connections on every face
- Anodized aluminum - corrosion-resistant, lightweight, and dimensionally stable
- Cut to length: 50 mm to 3000 mm, packaging unit 1 piece
- Standard profile finishing: M6 / D5.8 / D8 / DB8 (observe minimum length requirements)
- Customized profile finishing: DI / DIS / MT / MTS / MI / MIS / DG (DGmax = 45°, Lmin1/Lmin2 = 370/440 mm)
- Recommended accessories: cover cap 20x20 in signal gray or black

TECHNICAL DATA

Parameter	Value
Cross-section	20x40 mm
Profile type	Standard
Modular dimension	20 mm

Parameter	Value
Profile slot	6
Open slots	6
Color	Natural (anodized)
Material	Aluminum, anodized
Length min (L min)	50 mm
Length max (L max)	3000 mm
Mass	0.8 kg/m
Profile surface (A)	2.9 cm ²
Area moment of inertia I _x	4.6 cm ⁴
Area moment of inertia I _y	1.2 cm ⁴
Moment of resistance W _x	2.5 cm ³
Moment of resistance W _y	1.4 cm ³
Torsional moment of inertia I _t	0.68 cm ⁴
Moment of torsion resistance W _t	0.91 cm ³
Standard profile finishing	M6 / D5.8 / D8 / DB8
Customized profile finishing	DI / DIS / MT / MTS / MI / MIS / DG
Packaging unit	1 piece