

Strut Profile 80x80L 4NVS, Anodized Aluminum, ESD- Suitable, Variable Length 50-6070 mm - Bosch Rexroth 3842993658

Item no. BRR-3842993658

Manufacturer Bosch Rexroth

The Bosch Rexroth 80x80L 4NVS strut profile is an anodized aluminum structural profile with four open slots and ESD suitability, designed for building industrial assembly frames, machine structures, and workstations. Supplied cut to length between 50 and 6070 mm, it integrates directly with the Bosch Rexroth 40/80 mm profile system. The symmetric 80x80 mm cross-section and 10 mm slot width provide flexible, multi-directional connection options.

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**


31413

STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The 80x80L 4NVS strut profile is a load-bearing anodized aluminum profile for constructing assembly frames, machine bases, and industrial workstations. Its symmetric 80x80 mm cross-section with four open slots (10 mm slot width, 40 mm grid dimension) allows connections in any direction, while ESD suitability makes it a reliable choice for electrostatically sensitive production and testing environments.

- Cut-to-length delivery: 50 to 6070 mm in a single packaging unit, minimizing waste
- Four open slots (10 mm width) for unrestricted multi-directional connections
- ESD-suitable: safe for use in electrostatic discharge-sensitive assembly and inspection areas
- Anodized aluminum (natural color): corrosion-resistant, lightweight, and durable
- High rigidity: area moment of inertia $I_x = I_y = 142.5 \text{ cm}^4$, moment of resistance $W_x = W_y = 35.6 \text{ cm}^3$
- Compatible with the Bosch Rexroth 40/80 mm profile system - connectors, brackets, and cover caps available

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Page 1/2

TECHNICAL DATA

Property	Value
Cross-section	80x80L 4NVS
Dimensions	80 x 80 mm
Profile type	4NVS
Open slots	4
Profile slot width	10 mm
Modular dimension	40 mm
Length min. (L min)	50 mm
Length max. (L max)	6070 mm
Condition on delivery	Variable length (cut to size)
Material	Aluminum, anodized
Color	Natural
ESD	Yes
Profile surface (A)	19.3 cm ²
Mass (m)	5.2 kg/m
Area moment of inertia x (Ix)	142.5 cm ⁴
Area moment of inertia y (Iy)	142.5 cm ⁴
Moment of resistance x (Wx)	35.6 cm ³
Moment of resistance y (Wy)	35.6 cm ³
Torsional moment of inertia (It)	92 cm ⁴
Moment of torsion resistance (Wt)	16.8 cm ³
Packaging unit	1 piece
Recommended accessories	Cover cap 80x80 signal gray, Cover cap 80x80 black