

Strebenprofil 80x80L 4NVS, 1000 mm, ESD-geeignet, Aluminium eloxiert - Bosch Rexroth 3842993758-1000

Item no. BRR-3842993758-1000 **Manufacturer** Bosch Rexroth

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Extruded aluminum strut profile 80x80L with 4 open slots (type 4NVS), 40 mm modular dimension, 10 mm slot width, and ESD suitability for electrostatically protected assembly areas. This 1000 mm length in anodized aluminum delivers high torsional stiffness ($I_t = 92 \text{ cm}^4$) and accepts both standard and customized profile finishing. Recommended accessories: cover caps 80x80 in signal gray or black.

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	0.0099 kg
Zolltarifnummer	76042100



STANDARDS & COMPLIANCE

ESD safe IEC 61340

DESCRIPTION

The Bosch Rexroth strut profile 80x80L 4NVS is a versatile aluminum profile for modular assembly and workstation systems. ESD suitability makes it a standard structural element in electrostatically protected production and laboratory environments. Four open slots and a 40 mm modular dimension allow flexible positioning of connectors, attachments, and linear guides on all sides.

- 4 open slots (slot width 10 mm, type 4NVS) - unrestricted connection options on every face
- ESD-suitable - for EPA and ESD-protected work areas per IEC 61340
- High bending stiffness: area moment of inertia $I_x = I_y = 142.5 \text{ cm}^4$, moment of resistance $W_x = W_y = 35.6 \text{ cm}^3$
- Torsional moment of inertia $I_t = 92 \text{ cm}^4$, moment of torsion resistance $W_t = 16.8 \text{ cm}^3$
- Profile surface 19.3 cm^2 , mass 5.2 kg/m
- Cut to length: minimum 50 mm, maximum 6070 mm
- Standard profile finishing: M12 / D9.8 / D17 / DB17 (observe minimum length)
- Customized profile finishing: DI / DIS / MT / MTS / MI / MIS / DG (DGmax = 45° , Lmin1/Lmin2 = 439/578 mm)

Technical data

Attribute	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
ESD	Yes
Color	Natural
Material	Aluminum, anodized
Length (this unit)	1000 mm
Length min	50 mm
Length max	6070 mm
Mass	5.2 kg/m
Profile surface [A]	19.3 cm^2
Area moment of inertia I_x	142.5 cm^4
Area moment of inertia I_y	142.5 cm^4
Moment of resistance W_x	35.6 cm^3
Moment of resistance W_y	35.6 cm^3
Torsional moment of inertia I_t	92 cm^4
Moment of torsion resistance W_t	16.8 cm^3
Standard profile finishing	M12 / D9.8 / D17 / DB17
Customized profile finishing	DI / DIS / MT / MTS / MI / MIS / DG
Recommended accessories	Cover cap 80x80 signal gray, cover cap 80x80 black
Packaging unit	1