

Strebenprofil 80x80L 4NVS, ESD-geeignet, eloxiertes Aluminium, Länge 1000 mm - Bosch Rexroth 3842993658-1000

Item no. BRR-3842993658-1000 **Manufacturer** Bosch Rexroth

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Square 80x80 mm strut profile with four open slots (slot width 10 mm, modular dimension 40 mm) in anodized aluminum. The 4NVS variant is ESD-suitable for use in electrostatic-sensitive assembly areas and is supplied cut to any length between 50 mm and 6070 mm. Recommended cover caps (80x80, signal gray or black) complete the assembly.

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

DESCRIPTION

The Bosch Rexroth 80x80L 4NVS strut profile is a structural aluminum extrusion for building assembly and automation frames on a 40 mm grid. Four open slots (10 mm wide) allow fixtures, connectors, and accessories to be mounted on all four sides, while the ESD rating makes it the right choice for production environments handling electrostatic-sensitive components.

- ESD-suitable: safe use in areas with electrostatic discharge risk
- Four open slots (10 mm) for all-round attachment of connectors, brackets, and accessories
- High bending stiffness: area moment of inertia $I_x = I_y = 142.5 \text{ cm}^4$, moment of resistance $W_x = W_y = 35.6 \text{ cm}^3$
- Good torsional stiffness: $I_t = 92 \text{ cm}^4$, $W_t = 16.8 \text{ cm}^3$
- Profile cross-section 19.3 cm^2 , mass 5.2 kg/m - lightweight yet load-bearing
- Variable length: order any cut length from 50 mm to 6070 mm
- Anodized aluminum, natural color - corrosion-resistant and dimensionally stable

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
ESD	yes
Material	Aluminum, anodized
Color	Natural
Length (this order)	1000 mm
Min / max length	50 mm / 6070 mm
Profile surface [A]	19.3 cm^2
Mass [m]	5.2 kg/m
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 [It]	92 cm^4
Moment of torsion resistance [Wt]	16.8 cm^3
Packaging unit	1
Recommended accessories	Cover cap 80x80, signal gray; Cover cap 80x80, black