

Strut Profile 80x80L 4NVS, ESD-Rated, Anodized Aluminum - Bosch Rexroth 3842993758

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

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Square aluminum strut profile with an 80x80 mm cross-section, four open slots (slot width 10 mm) and ESD certification for electrostatically sensitive assembly environments. Profile type 4NVS with a 40 mm modular dimension, available in lengths from 50 to 6070 mm with standard and custom finishing options.

TECHNICAL DATA



Article authenticity	Original product
Condition of article	New
Country of Manufacture	Germany
Execution	TEC
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

STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The 80x80L 4NVS strut profile from Bosch Rexroth is an anodized aluminum profile with a square 80x80 mm cross-section and four open 10 mm slots. It is designed for assembly line structures, workstation frames and load-bearing applications in ESD-sensitive production environments, combining flexible connectivity on all four faces with high torsional and bending stiffness.

- Four open slots (10 mm width) on all sides for unrestricted accessory attachment
- ESD-rated for use in electrostatically protected production areas
- Available in lengths from 50 to 6070 mm, cut to length on request
- Standard profile finishing M12 / D9.8 / D17 / DB17 subject to minimum length
- Customized finishing options: DI / DIS / MT / MTS / MI / MIS / DG
- Recommended accessories: cover cap 80x80 in signal gray or black

Technical data

Property	Value
Cross-section	80x80 mm
Profile type	4NVS
Open slots	4
Slot width	10 mm
Modular dimension	40 mm
ESD	yes
Color	Natural (anodized)
Material	Aluminum, anodized
Length min. (L min)	50 mm
Length max. (L max)	6070 mm
Mass per meter (m)	5.2 kg/m
Profile surface (A)	19.3 cm ²
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
Standard profile finishing	M12 / D9.8 / D17 / DB17
Customized profile finishing	DI / DIS / MT / MTS / MI / MIS / DG
Finishing note	DGmax = 45°, Lmin1 / Lmin2 = 439/578 mm
Packaging unit	1