

Strebenprofil 80x80 4NVS, Länge 6070 mm, eloxiertes Aluminium, ESD-geeignet - Bosch Rexroth 3842538333

Item no. BRR-3842538333 **Manufacturer** Bosch Rexroth

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Extruded aluminum strut profile with 80x80 mm square cross-section, type 4NVS, featuring four open slots (slot width 10 mm) for direct use in ESD-protected assembly and automation structures. Supplied as a single rod in standard length 6070 mm, the anodized profile integrates with the full Bosch Rexroth aluminum profile system on a 40 mm modular grid. Recommended accessories: cover caps 80x80 in signal gray or black.

TECHNICAL DATA

Article authenticity	Original product
Condition of article	New
Country of Manufacture	Germany
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.
Lenght	6070 mm
Weight	31.71 kg
Zolltarifnummer	76042100



6070 mm

WEIGHT

31.71 kg

LENGHT

STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The 80x80 4NVS strut profile at 6070 mm length is a load-bearing aluminum structural profile for frames, racks, and support structures in assembly and automation technology. The symmetric 80x80L cross-section with four open slots (slot width 10 mm) and a 40 mm modular dimension allows flexible, tool-free connections with the complete Bosch Rexroth accessory range. ESD

suitability makes the profile compatible with electrostatic discharge-protected work areas to the relevant standards.

- Four open slots for versatile connection and mounting options in both X and Y directions
- Symmetric area moment of inertia $I_x = I_y = 142.5 \text{ cm}^4$ - uniform rigidity on both principal axes
- ESD-suitable for use in electrostatic discharge-sensitive production environments
- Anodized aluminum surface - corrosion-resistant and low-maintenance
- 40 mm modular grid compatible with the entire Bosch Rexroth profile system accessory range

Technical data

Property	Value
Cross-section	80x80L 4NVS
Profile type	4NVS
Length [L]	6070 mm
Dimensions	80 x 80 mm
Open slots	4
Profile slot	10 mm
Modular dimension	40 mm
Profile surface [A]	19.3 cm ²
Area moment of inertia [$I_x = I_y$]	142.5 cm ⁴
Moment of resistance [$W_x = W_y$]	35.6 cm ³
Torsional moment of inertia [I_t]	92 cm ⁴
Moment of torsion resistance [Wt]	16.8 cm ³
Mass [m]	5.2 kg/m
Weight (rod)	31.71 kg
Material	Aluminum, anodized
Color	Natural
ESD	yes
Condition on delivery	Single rod in standard length
Packaging unit	1 piece
Recommended accessories	Cover cap 80x80 signal gray, Cover cap 80x80 black