

Strebenprofil 45x45L 1N, 20 Stück à 6070 mm, Aluminium eloxiert, ESD - Bosch Rexroth 3842557222

Item no. BRR-3842557222 **Manufacturer** Bosch Rexroth

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Strut profile with 45x45L cross-section (profile type 1N, one open slot) in anodized aluminum, ESD-rated. Delivered as a packaging unit of 20 bars, each 6070 mm long (total weight 231.5 kg). Suitable for assembly workstations and structural frames in the 45 mm modular system.

TECHNICAL DATA

Article authenticity	Original product
Condition of article	New
Country of Manufacture	Sweden
Lenght	6070 mm
Weight	231.5 kg
Zolltarifnummer	76042100



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Bosch Rexroth 45x45L 1N strut profile is an anodized aluminum structural member for the 45 mm modular system. With one open slot, profile slot size 10 and ESD rating, it is suited to electrostatically protected assembly workstations, machine guarding and load-bearing frames. Each delivery unit contains 20 bars of 6070 mm length.

- ESD-rated anodized aluminum - safe for electrostatic discharge-sensitive environments
- Profile surface area 6.5 cm² at 1.8 kg per bar - a strong weight-to-stiffness ratio
- Area moment of inertia Ix 12.6 cm⁴ / Iy 13.5 cm⁴ - consistent rigidity on both principal axes
- Section modulus Wx 5.5 cm³ / Wy 6.0 cm³ - reliable performance under static bending loads
- Natural color, one open slot - compatible with standard 45 mm connectors and accessories

Technical data

Property	Value
Cross-section	45x45L 1N
Profile type	1N
Dimensions	45x45 mm
Modular dimension	45 mm
Profile slot	10
Open slots	1
Length [L]	6070 mm
Delivery unit	20 bars
Condition on delivery	Packaging unit in standard length
Mass per bar [m]	1.8 kg
Weight, packaging unit	231.5 kg
Material	Aluminum, anodized
Color	Natural
ESD	Yes
Profile surface [A]	6.5 cm ²
Area moment of inertia, x-direction [Ix]	12.6 cm ⁴
Area moment of inertia, y-direction [Iy]	13.5 cm ⁴
Moment of resistance, x-direction [Wx]	5.5 cm ³
Moment of resistance, y-direction [Wy]	6.0 cm ³
Torsional moment of inertia [It]	10.0 cm ⁴
Moment of torsion resistance [Wt]	5.2 cm ³
Recommended accessories	Cover cap 45x45 black ESD, Cap with hole 45x45 black ESD