

Strebenprofil 80x160L, Nut 10, ESD, eloxiert - Bosch Rexroth 3842529349

Item no. BRR-3842529349 **Manufacturer** Bosch Rexroth

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Strut profile 80x160L in anodized aluminum with profile slot 10 and ESD suitability. Supplied as a packaging unit of 3 standard lengths of 6070 mm each. Load-bearing base structure for machine frames, enclosures and equipment racks in ESD areas.

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	185 kg
Zolltarifnummer	76042100



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The 80x160L strut profile from Bosch Rexroth is a load-optimized aluminum construction profile for designers and equipment builders who need high rigidity over a large build height. It forms the load-bearing base structure for machine frames, gantries, safety enclosures and equipment racks, and its ESD suitability releases it for use in electrostatic protected areas.

- High bending and torsional rigidity from the large 80x160L cross-section
- ESD-capable for use in EPA zones
- Profile slot 10 on a 40 mm modular grid, compatible with the modular connection system

- Anodized surface, maintenance-free and corrosion-resistant
- Factory machining M12 prepared in all core bores

Technical data

Cross-section	80x160L
Dimensions	80x160 mm
Profile slot	10
Modular dimension	40 mm
Open slots	12
ESD	yes
Profile type	Standard
Color	Natural
Material	Aluminum, anodized
Length [L]	6070 mm
Delivery unit	3
Condition on delivery	Packaging unit in standard length
Mass [m]	8.9 kg/m
Weight	185 kg
Profile surface [A]	32.9 cm ²
Area moment of inertia in x-direction [Ix]	850.7 cm ⁴
Area moment of inertia in y-direction [Iy]	253.4 cm ⁴
Moment of resistance in the x-direction [Wx]	106.3 cm ³
Moment of resistance in the y-direction [Wy]	63.4 cm ³
Torsional moment of inertia [It]	182 cm ⁴
Moment of torsion resistance [Wt]	41.1 cm ³
Profile machining	M12 in all core bores; D17 in slots C/L, D/K, E/J, F/I; D17V in slots A/H, B/G
Recommended accessories	Cover cap 80x80, signal gray or black