

Strut Profile 40x160L, Anodized Aluminum, Slot 10, ESD - Bosch Rexroth 3842529345

Item no. BRR-3842529345

Manufacturer Bosch Rexroth

Strut profile 40x160L in anodized aluminum with profile slot 10 and ESD properties. The high area moment of inertia in the x-direction provides excellent rigidity for load-bearing structures. Supplied as a packaging unit of 6 profiles in standard length 6070 mm.

TECHNICAL DATA

Country of Manufacture	Germany
HS-Code	76042100
Length	6070 mm
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	232 kg



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Bosch Rexroth strut profile 40x160L is an anodized aluminum extrusion with a 40 mm modular grid for load-bearing frames, machine bases and support structures in machine and plant construction. The large 40x160 cross-section is particularly suited to long spans and bending-loaded designs.

- ESD-capable for applications requiring protection against electrostatic discharge
- Profile slot 10 for standard connection technology and accessories
- High rigidity thanks to a large area moment of inertia in the x-direction (466.7 cm⁴)
- Factory profile machining with M12 core bores and D17 bores

TECHNICAL DATA

Cross-section	40x160L
Dimensions	40x160
Modular dimension	40 mm
Profile slot	10

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Keldersstr. 15

42697 Solingen, Deutschland

VAT ID: DE269659389

Phone: +49 212 38340680

shop@esd-equipment.com

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Open slots	10
ESD	yes
Profile type	Standard
Color	Natural
Material	Aluminum, anodized
Length [L]	6070 mm
Delivery unit	6
Condition on delivery	Packaging unit in standard length
Profile surface [A]	20.5 cm ²
Mass [m]	5.5 kg/m
Area moment of inertia in x-direction [Ix]	466.7 cm ⁴
Area moment of inertia in y-direction [Iy]	37.2 cm ⁴
Moment of resistance in the x-direction [Wx]	58.3 cm ³
Moment of resistance in the y-direction [Wy]	18.6 cm ³
Torsional moment of inertia [It]	25.8 cm ⁴
Moment of torsion resistance [Wt]	14.6 cm ³
Profile machining	M12: in all core bores, D17: in slots B/J, C/I, D/H, E/G
Recommended accessories	Cover cap 40x80, signal gray, black
Weight	232 kg