

Strebenprofil 40x160L D17/D17 - eloxiertes Aluminiumprofil mit ESD- Eigenschaften - Bosch Rexroth 3842993146

Item no. BRR-3842993146

Manufacturer Bosch Rexroth

Heavy-section aluminum strut profile with a 40x160 mm cross-section and 10 open slots for demanding frame and machine structures in assembly and automation. ESD-rated for use in electrostatically sensitive environments. Available cut to length from 80 mm to 6000 mm.

TECHNICAL DATA

Ausführungsklasse	TEC
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.
Weight	0.1 kg
Zolltarifnummer	76169990

STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Strut Profile 40x160L D17/D17 from Bosch Rexroth is a heavy-section anodized aluminum profile designed for load-bearing frames, machine enclosures, and workstation structures in industrial assembly and automation. Ten open slots (10 mm slot width) on a 40 mm modular grid give full connection flexibility on all faces. ESD certification makes it suitable for electrostatically sensitive production and test areas.

- High bending stiffness: area moment of inertia $I_x = 466.7 \text{ cm}^4$ (main axis), $I_y = 37.2 \text{ cm}^4$ (transverse axis)
- 10 open slots (10 mm width) for connectors and accessories on all profile faces
- ESD-rated for use in static-sensitive manufacturing and inspection environments
- Anodized aluminum: corrosion-resistant, lightweight, natural color finish
- Pre-machined: M12 tapped in all core bores; D17 bores in slots B/J, C/I, D/H, and E/G
- Cut to length from 80 mm to 6000 mm, packaging unit 1 piece



TECHNICAL DATA

Property	Value
Cross-section	40x160L mm
Dimensions	40x160 mm
Modular dimension	40 mm
Profile slot width	10 mm
Open slots	10
Profile type	Standard
Material	Aluminum, anodized
Color	Natural
ESD	Yes
Profile adaption	M12 in all core bores; D17 in slots B/J, C/I, D/H, E/G
Length min (L min)	80 mm
Length max (L max)	6000 mm
Mass (m)	5.5 kg/m
Profile surface (A)	20.5 cm ²
Area moment of inertia I _x	466.7 cm ⁴
Area moment of inertia I _y	37.2 cm ⁴
Moment of resistance W _x	58.3 cm ³
Moment of resistance W _y	18.6 cm ³
Torsional moment of inertia (I _t)	25.8 cm ⁴
Moment of torsion resistance (W _t)	14.6 cm ³
Packaging unit	1 piece
Recommended accessories	Cover cap 40x80, signal gray; Cover cap 40x80, black