Strebenprofil 40x160L M12/M12, 1000 mm - Bosch Rexroth 3842993145-1000

Item no. BRR-3842993145-1000 **Manufacturer Bosch Rexroth**

Heavy-section strut profile with 40x160L cross-section and M12 threads in all central bores, designed for load-bearing frame structures in the Bosch Rexroth aluminum profile system. The anodized aluminum extrusion offers 10 open slots, ESD suitability, and an area moment of inertia of 466.7 cm⁴ in the x-direction. Supplied at 1000 mm; custom lengths from 110 to 6000 mm available on request.

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	**0.0099 kg**
Zolltarifnummer	**76169990**

STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Strut Profile 40x160L M12/M12 is a structural section of the Bosch Rexroth aluminum profile system with a 40x160 mm cross-section and a modular dimension of 40 mm. M12 threads in all central bores and D17 clearance holes in slots B/J, C/I, D/H, and E/G make it immediately ready for connection with standard Rexroth connectors. The anodized aluminum finish meets ESD requirements, making the profile suitable for electrostatically sensitive production and assembly environments.

- 10 open slots (profile slot 10) for flexible fastening and attachment options along the full length
- High bending stiffness: area moment of inertia Ix = 466.7 cm⁴, moment of resistance Wx = 58.3 cm³
- ESD-suitable - safe for use in electrostatically sensitive environments
- Anodized aluminum, natural color - corrosion-resistant and durable
- Flexible cut-to-length: 1000 mm stock length; special lengths 110 to 6000 mm on request

TECHNICAL DATA

Property	Value
Cross-section	40x160 mm
Profile type	Standard
Modular dimension	40 mm
Profile slot	10
Open slots	10
Length (this version)	1000 mm
Length min / max	110 mm / 6000 mm
Profile adaption	M12 in all central bores; D17 in slots B/J, C/I, D/H, E/G
Material	Aluminum, anodized
Color	Natural
ESD	Yes
Mass [m]	5.5 kg
Profile surface [A]	20.5 cm^2
Area moment of inertia Ix	466.7 cm^4
Moment of resistance Wx	58.3 cm^3
Area moment of inertia Iy	37.2 cm^4
Moment of resistance Wy	18.6 cm^3
Torsional moment of inertia It	25.8 cm^4
Moment of torsion resistance Wt	14.6 cm^3
Packaging unit	1
Recommended accessories	Cover cap 40x80, signal gray; Cover cap 40x80, black