

Strebenprofil 45x180, 6x6070 mm, Aluminium eloxiert, ESD-geeignet - Bosch Rexroth 3842553616

Item no. BRR-3842553616

Manufacturer Bosch Rexroth

Heavy-section strut profile 45x180 mm on a 45 mm modular grid, made from anodized aluminum for ESD-safe machine frames and assembly lines. Supplied as a pack of 6 profiles, each 6070 mm long, with 10 open slots and M12-tapped cores ready for direct bolting. Recommended accessories: cover cap 45x180 in signal gray or black.

TECHNICAL DATA

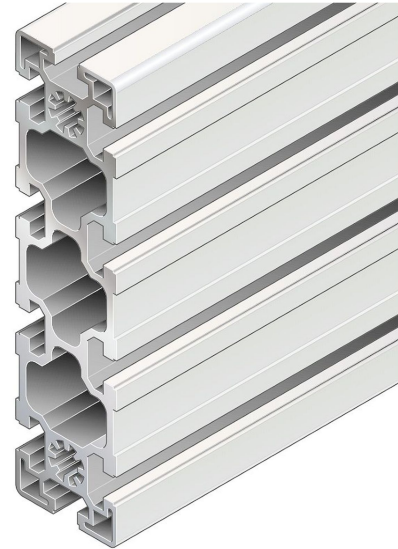
Country of Manufacture **Germany**

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.**

Length **6070 mm**

Weight **273.6 kg**

Zolltarifnummer **76042100**



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STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Bosch Rexroth strut profile 45x180 is a high-load aluminum section for demanding frame structures, machine bases, and ESD-protected assembly lines. Each pack contains 6 profiles at the standard length of 6070 mm; individual profile weight is 6.9 kg.

- 10 open slots allow flexible attachment of connectors, fasteners, and add-on components without additional machining
- M12 threads in all core bores, plus D17 and D17V bores in defined slots for direct bolted connections
- ESD-compatible - anodized surface meets the requirements of electrostatic-protected work areas
- High bending stiffness: area moment of inertia $I_x = 766.7 \text{ cm}^4$ (x-direction), $I_y = 57.3 \text{ cm}^4$ (y-direction)
- Profile surface area 25.5 cm^2 , mass 6.9 kg per piece - favorable weight-to-load-bearing ratio

TECHNICAL DATA

Property	Value
Cross-section	45x180 mm

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Property	Value
Length [L]	6070 mm
Delivery unit	6 pieces (packaging unit in standard length)
Modular dimension	45 mm
Profile slots / open slots	10
Profile type	Standard
Profile machining	M12 in all core bores; D17 in slots B/J, E/G; D17V in slots A/F
Material	Aluminum, anodized
Color	Natural
ESD	yes
Profile surface [A]	25.5 cm ²
Mass [m]	6.9 kg
Weight (pack)	273.6 kg
Area moment of inertia X [Ix]	766.7 cm ⁴
Area moment of inertia Y [Iy]	57.3 cm ⁴
Moment of resistance X [Wx]	85.2 cm ³
Moment of resistance Y [Wy]	25.5 cm ³
Torsional moment of inertia [It]	44.4 cm ⁴
Moment of torsion resistance [Wt]	17 cm ³
Recommended accessories	Cover cap 45x180, signal gray; cover cap 45x180, black