

Strut Profile 90x180, 3x6070mm, Anodized Aluminum, ESD-Suitable - Bosch Rexroth 3842553617

Item no. BRR-3842553617

Manufacturer Bosch Rexroth

Heavy-duty aluminum strut profile with a 90x180mm cross-section and 6070mm length, supplied as a pack of 3. Features 12 open slots (profile slot type 10), M16 machining in all core channels, and ESD suitability for electrostatically protected assembly environments. Material: aluminum, anodized, natural color.

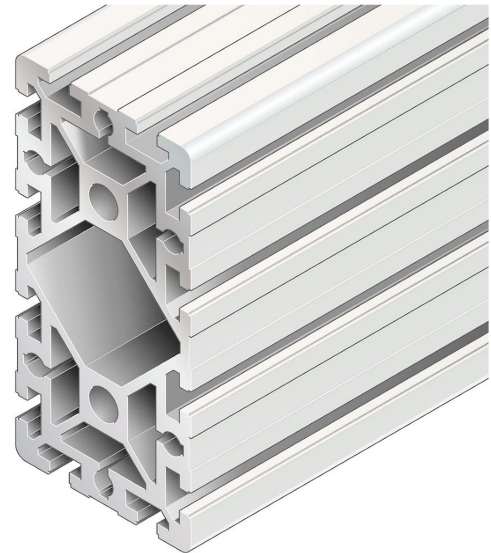
TECHNICAL DATA

Country of Manufacture **Sweden**

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 **336.3 kg**


31445

STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Bosch Rexroth 90x180 strut profile is a load-bearing aluminum structural profile for demanding frame and support structures in industrial assembly. Cross-section 90x180mm, length 6070mm, delivered as a packaging unit of 3 bars. The anodized aluminum construction is ESD-suitable, making it compatible with electrostatic discharge-protected workstations and assembly lines.

- 12 open slots and profile slot type 10 allow versatile connections and fixings without drilling
- 45mm modular dimension - fully compatible with the Bosch Rexroth aluminum structure system (Standard profile type)
- Ready-to-assemble machining: M16 in all core channels; D17V and LF in slots A/H, B/G; LF-S in slots D/K, E/J
- High bending stiffness: area moment of inertia $I_x = 2138.3 \text{ cm}^4$ (x-direction), $I_y = 544.3 \text{ cm}^4$ (y-direction)
- Recommended accessories: cover cap 90x90 in black or signal gray, also available with through-hole

TECHNICAL DATA

Property	Value
Cross-section	90x180 mm
Length [L]	6070 mm
Delivery unit	3 pieces (packaging unit in standard length)
Modular dimension	45 mm
Profile slot	10
Open slots	12
Profile type	Standard
Material	Aluminum, anodized
Color	Natural
ESD	Yes
Profile machining	M16: all core channels; D17V, LF: slots A/H, B/G; LF-S: slots D/K, E/J
Profile surface [A]	63.6 cm ²
Mass [m]	17.2 kg (per bar)
Weight (packaging unit)	336.3 kg
Area moment of inertia I _x	2138.3 cm ⁴
Area moment of inertia I _y	544.3 cm ⁴
Moment of resistance W _x	237.6 cm ³
Moment of resistance W _y	121 cm ³
Torsional moment of inertia [I _t]	429 cm ⁴
Moment of torsion resistance [W _t]	64 cm ³