

Strebenprofil 90x180L, 3x6070 mm, Aluminium eloxiert, ESD-geeignet - Bosch Rexroth 3842557226

Item no. BRR-3842557226

Manufacturer Bosch Rexroth

Heavy-duty strut profile in cross-section 90x180L, made from anodized aluminum, supplied as a packaging unit of 3 bars at 6070 mm each. Twelve open slots (profile slot 10, modular dimension 45 mm) and a high area moment of inertia ($I_x = 1380 \text{ cm}^4$) make it suited for demanding structural frames. All core bores are pre-drilled M12; custom finishing options (DI, DIS, MT, MTS, MI, MIS, DG) available on request.

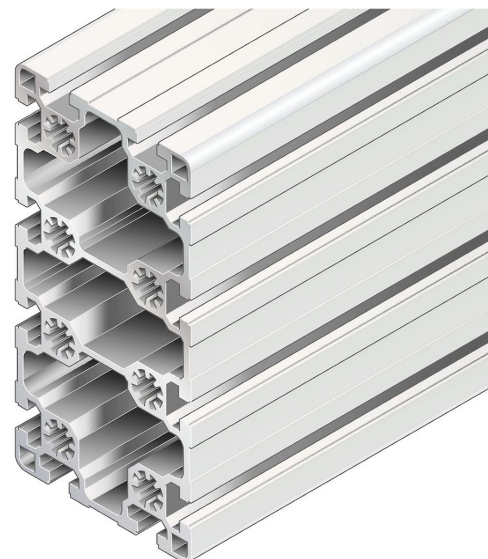
TECHNICAL DATA

Country of Manufacture **Sweden**

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 **228 kg**

Zolltarifnummer **76042100**


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DESCRIPTION

The Bosch Rexroth strut profile 90x180L is an anodized aluminum profile with an asymmetric dual cross-section, designed for load-intensive frame structures in assembly and automation systems. The packaging unit contains 3 bars at 6070 mm each; individual bar mass 12.5 kg, total delivery weight 228 kg.

- 12 open slots (profile slot 10, modular dimension 45 mm) for flexible attachment of connectors, panels and add-on components
- High bending stiffness in the x-direction: area moment of inertia $I_x = 1380 \text{ cm}^4$, moment of resistance $W_x = 153.3 \text{ cm}^3$
- ESD-suitable - safe for use in electrostatically sensitive manufacturing and test environments
- Standard profile finishing: M12 in all core bores, D17V and LF in slots A/H and B/G
- Custom finishing available: DI, DIS, MT, MTS, MI, MIS, DG

TECHNICAL DATA

Property	Value
Cross-section	90x180L
Dimensions	90x180 mm
Length [L]	6070 mm

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Property	Value
Delivery unit	3 bars
Mass per bar [m]	12.5 kg
Total weight	228 kg
Material	Aluminum, anodized
Color	Natural
Profile type	Standard
Modular dimension	45 mm
Profile slot	10
Open slots	12
Profile surface [A]	42.8 cm ²
ESD	Yes
Area moment of inertia, x-direction [Ix]	1380 cm ⁴
Area moment of inertia, y-direction [Iy]	401 cm ⁴
Torsional moment of inertia [It]	429 cm ⁴
Moment of resistance, x-direction [Wx]	153.3 cm ³
Moment of resistance, y-direction [Wy]	89.1 cm ³
Moment of torsion resistance [Wt]	64 cm ³
Standard profile finishing	M12: all core bores; D17V: slots A/H, B/G; LF: slots A/H, B/G
Customized profile finishing	DI / DIS / MT / MTS / MI / MIS / DG
Recommended accessories	Cover cap 90x90, signal gray; Cover cap 90x90, black