

Strut Profile 45x180 Anodized Aluminum, 10 Slots, 45 mm Grid - Bosch Rexroth 3842993731

Item no. BRR-3842993731

Manufacturer Bosch Rexroth

Strut profile 45x180 in anodized aluminum for the Bosch Rexroth assembly system. Ten open slots and a 45 mm modular grid allow flexible connections throughout; available in lengths from 80 to 6070 mm. Suited to heavy-duty frames, support structures and machine guarding.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
HS-Code	76042100
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	0.1 kg



DESCRIPTION

The Bosch Rexroth strut profile 45x180 is an anodized aluminum structural profile for frames, support structures and assembly systems built on the Rexroth 45 mm modular grid. With an area moment of inertia of 766.7 cm⁴ in the x-direction, it carries significant loads while keeping weight low. Ten open slots give full flexibility for connectors, brackets and accessories without re-drilling.

- 10 open profile slots for unrestricted connection points along the full length
- Cut to length from 80 to 6070 mm in 45 mm increments
- Standard finishing options: M12, M16, D9.8, D17, DB17 and F1
- Customized finishing available: DI, DIS, MT, MTS, MI, MIS, DG
- Anodized aluminum - corrosion-resistant, natural color finish

TECHNICAL DATA

Property	Value
Cross-section	45x180 mm
Modular dimension	45 mm
Open slots	10
Profile slot	10
Profile type	Standard

Property	Value
Length min.	80 mm
Length max.	6070 mm
Mass	6.9 kg/m
Profile surface [A]	25.5 cm ²
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
Material	Aluminum, anodized
Color	Natural
Standard profile finishing	M12 / M16 / D9.8(B,C,D,E,G,H,I,J) / D17(B,C,D,E,G,H,I,J) / DB17 / F1(A,F)
Customized profile finishing	DI / DIS / MT / MTS / MI / MIS / DG
Minimum length note	DGmax = 30°, Lmin1/Lmin2 = 404/508 mm; observe minimum length
Recommended accessories	Cover cap 45x180, signal gray; Cover cap 45x180, black
Packaging unit	1