

Strut Profile 45x90, Length 6070 mm, Anodized Aluminum, ESD-Suitable - Bosch Rexroth 3842553615

Item no. BRR-3842553615

Manufacturer Bosch Rexroth

Strut profile 45x90 in standard length 6070 mm, made from anodized aluminum for assembly and automation structures. Delivered as a packaging unit of 12 profiles with a modular dimension of 45 mm and 6 open slots. ESD-suitable; all core bores are pre-machined for M12 and M16 fasteners.

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	307 kg



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Bosch Rexroth strut profile 45x90 (article 3842553615) is an anodized aluminum profile in standard configuration with a length of 6070 mm. It is supplied as a packaging unit of 12 pieces in standard length, and is designed for load-bearing use in assembly, conveyor, and frame structures. ESD suitability makes it compatible with electrostatically sensitive environments.

- 6 open slots for flexible attachment of connectors, brackets, and add-on components on all profile sides
- Profile slot 10 - compatible with the Bosch Rexroth T-slot system in size 45
- Pre-machined bores: M12 and M16 in all core bores, D17 in slots B/F and C/E, D17V in slots A/D
- 45 mm modular dimension - fully compatible with the Bosch Rexroth aluminum profile construction system
- Natural anodized finish - corrosion-resistant and ready to use without additional surface treatment

TECHNICAL DATA

Property	Value
Cross-section	45x90 mm

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Property	Value
Length [L]	6070 mm
Modular dimension	45 mm
Profile slot	10
Open slots	6
Profile type	Standard
Material	Aluminum, anodized
Color	Natural
ESD	yes
Delivery unit	12 pieces
Condition on delivery	Packaging unit in standard length
Profile machining	M12, M16: all core bores; D17: slots B/F, C/E; D17V: slots A/D
Profile surface [A]	15.4 cm ²
Mass [m]	4.2 kg
Weight (packaging unit)	307 kg
Area moment of inertia in x-direction [Ix]	124.6 cm ⁴
Area moment of inertia in y-direction [Iy]	32.8 cm ⁴
Moment of resistance in x-direction [Wx]	27.7 cm ³
Moment of resistance in y-direction [Wy]	14.6 cm ³
Torsional moment of inertia [It]	15.4 cm ⁴
Moment of torsion resistance [Wt]	6.61 cm ³
Recommended accessories	Cover cap 45x90 black, Cover cap 45x90 signal gray, Cover cap with hole 45x90 black, Cover cap with hole 45x90 signal gray