

Strebenprofil 45x45L R, Aluminium eloxiert, 2 offene Nuten - Bosch Rexroth 3842993742

Item no. BRR-3842993742

Manufacturer Bosch Rexroth

Anodized aluminum strut profile with circular cross-section 45x45L R and 2 open slots (slot width 10) for the Bosch Rexroth assembly technology system. Custom cut lengths from 50 to 6070 mm; standard finishing M12/DB17 available ex works. Mass 1.3 kg/m.

TECHNICAL DATA

Ausführungsklasse	TEC
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.
Weight	0.1 kg
Zolltarifnummer	76042100



DESCRIPTION

The 45x45L R strut profile is an anodized aluminum extrusion with a circular profile type from the Bosch Rexroth modular assembly system. Two open slots (slot 10, modular dimension 45 mm) allow direct integration into frames and support structures using standard Rexroth connectors and fasteners.

- Circular profile type with symmetric 45x45 cross-section - equal moment of resistance W_x and W_y of 5 cm^3 in both axes for predictable load behavior
- Good torsional stiffness: torsional moment of inertia I_t 3.3 cm^4 , moment of torsion resistance W_t 2.8 cm^3
- Flexible cut-to-length ordering (50 mm to 6070 mm) with standard profile finishing M12/DB17 supplied ready to install
- Anodized aluminum construction (natural color) - corrosion-resistant, lightweight, easy to handle on the assembly line
- Recommended accessories: Cover cap 45x45 R and Cover cap 45x45 R signal gray

TECHNICAL DATA

Property	Value
Cross-section	45x45L R
Profile type	Circular

Property	Value
Profile slot	10
Modular dimension	45 mm
Open slots	2
Dimensions	45x45 mm
Length min (L min)	50 mm
Length max (L max)	6070 mm
Standard profile finishing	M12 / DB17
Profile surface (A)	4.9 cm ²
Area moment of inertia X (I _x)	8.6 cm ⁴
Area moment of inertia Y (I _y)	8.6 cm ⁴
Moment of resistance X (W _x)	5 cm ³
Moment of resistance Y (W _y)	5 cm ³
Torsional moment of inertia (I _t)	3.3 cm ⁴
Moment of torsion resistance (W _t)	2.8 cm ³
Mass	1.3 kg/m
Material	Aluminum, anodized
Color	Natural
Packaging unit	1