

Strebenprofil 45x45L R, eloxiertes Aluminium, ESD, 6070 mm, 20 Stück - Bosch Rexroth 3842557948

Item no. BRR-3842557948

Manufacturer Bosch Rexroth

Circular strut profile 45x45L R in anodized aluminum, ESD-rated, supplied as a pack of 20 profiles each 6070 mm long. Designed for load-bearing frame and strut assemblies in the Bosch Rexroth 45 mm modular system.

TECHNICAL DATA

Country of Manufacture	Sweden
Lenght	6070 mm
Weight	177.9 kg
Zolltarifnummer	76042100



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The 45x45L R strut profile in anodized aluminum is built for structural frame and bracing applications within the Bosch Rexroth modular assembly system. Its ESD rating makes it suitable for electrostatically sensitive production and workstation environments. Supplied as a packaging unit of 20 profiles, each cut to the standard length of 6070 mm.

- Circular profile type 45x45L R with 2 open slots - fully compatible with the 45 mm Bosch Rexroth modular grid
- Anodized aluminum construction: corrosion-resistant, lightweight, natural finish
- ESD-rated for safe use in areas handling electrostatic-sensitive components
- Profile slot 10 accepts standard Bosch Rexroth connectors and accessories without modification
- 1.3 kg per profile at 6070 mm - symmetrical area moments of inertia ($I_x = I_y = 8.6 \text{ cm}^4$) for predictable load behavior in any orientation

TECHNICAL DATA

Property	Value
Cross-section	45x45L R

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Property	Value
Profile type	Circular
Dimensions	45x45 mm
Length [L]	6070 mm
Modular dimension	45 mm
Profile slot	10
Open slots	2
Material	Aluminum, anodized
Color	Natural
ESD	Yes
Mass per profile [m]	1.3 kg
Delivery unit	20 pieces
Condition on delivery	Packaging unit in standard length
Weight (packaging unit)	177.9 kg
Profile surface [A]	4.9 cm ²
Area moment of inertia X [Ix]	8.6 cm ⁴
Area moment of inertia Y [Iy]	8.6 cm ⁴
Moment of resistance X [Wx]	5 cm ³
Moment of resistance Y [Wy]	5 cm ³
Torsional moment of inertia [It]	3.3 cm ⁴
Moment of torsion resistance [Wt]	2.8 cm ³
Recommended accessories	Cover cap 45x45 R, black ESD; Cover cap 45x45 R, signal gray