

Profilrohr D28L 50 x 6070 mm, Aluminium eloxiert - Bosch Rexroth 3842557243

Item no. BRR-3842557243 **Manufacturer** Bosch Rexroth

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Round aluminum tube D28L, anodized finish, 6070 mm length, supplied as a packaging unit of 50 pieces. Designed for building manual assembly and workstation systems within the Bosch Rexroth EcoShape round-tube system. Each tube weighs 0.5 kg, combining low mass with consistent bending stiffness in both axes.

TECHNICAL DATA

Article authenticity	Original product
Condition of article	New
Length	6070 mm
Weight	153.1 kg



DESCRIPTION

The D28L round tube is an anodized aluminum section of 6070 mm length for the Bosch Rexroth EcoShape round-tube system. It is the core structural element for flexible manual production and workstation layouts, supplied in a packaging unit of 50 pieces.

- Anodized aluminum finish - corrosion-resistant surface with no additional treatment required
- Profile cross-section 1.8 cm² at 0.5 kg per tube - low weight for easy handling and lightweight frame construction
- Area moment of inertia $I_x = I_y = 1.3 \text{ cm}^4$ and moment of resistance $W_x = W_y = 1 \text{ cm}^3$ - equal bending stiffness in x- and y-direction
- 6070 mm length allows generous spans and minimizes the number of joints in a structure
- Packaging unit of 50 pieces - cost-efficient stocking for larger installations

Technical data

Attribute	Value
Type	D28L
Length [L]	6070 mm
Material	Aluminum, anodized

Attribute	Value
Mass per tube [m]	0.5 kg
Weight (packaging unit)	153.1 kg
Delivery unit	50 pieces
Condition on delivery	Packaging unit in standard length
Profile surface [A]	1.8 cm ²
Area moment of inertia x [Ix]	1.3 cm ⁴
Area moment of inertia y [Iy]	1.3 cm ⁴
Moment of resistance x [Wx]	1 cm ³
Moment of resistance y [Wy]	1 cm ³
System	EcoShape round-tube system