

Profilrohr D28L, 1000 mm, Aluminium eloxiert - Bosch Rexroth 3842996191-1000

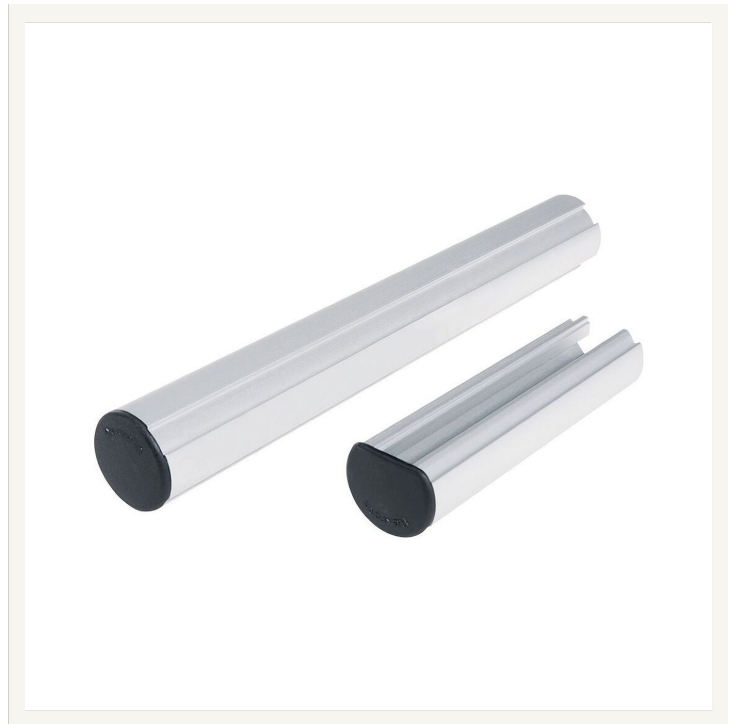
Item no. BRR-3842996191-1000

Manufacturer Bosch Rexroth

Round anodized aluminum section tube D28 from the Bosch Rexroth EcoShape round-tube system, supplied cut to 1000 mm from a variable length range (50-6070 mm). At 0.5 kg per meter it is lightweight yet structurally capable, forming the primary structural member for manual assembly workstations, flow racks, and production fixtures built with EcoShape connectors and accessories.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
Weight	0.0099 kg



DESCRIPTION

The Section Tube D28L is the core structural element of the Bosch Rexroth EcoShape round-tube system. Supplied at the ordered length of 1000 mm, it connects with EcoShape joints, connectors, and add-on components to form ergonomic workstations, conveyor lines, and assembly frames - with no welding or machining required.

- Anodized aluminum construction: corrosion-resistant, lightweight, and clean in appearance for production environments
- Low mass of 0.5 kg per meter for easy manual handling and rapid system assembly
- Symmetrical cross-section: area moments of inertia $I_x = I_y = 1.3 \text{ cm}^4$ and section moduli $W_x = W_y = 1 \text{ cm}^3$ for equal bending stiffness in both axes
- Flexible length: cut-to-length delivery from 50 mm to 6070 mm
- Direct compatibility with the full EcoShape range: connectors, flanges, rollers, feet, and mounting accessories

TECHNICAL DATA

Parameter	Value
Article	3842996191-1000
Supplied length	1000 mm
Length min [L min]	50 mm

Parameter	Value
Length max [L max]	6070 mm
Condition on delivery	Variable length
Material	Aluminum, anodized
Mass [m]	0.5 kg/m
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
Section modulus X [Wx]	1 cm ³
Section modulus Y [Wy]	1 cm ³
Delivery unit	1 piece