

Strut Profile 45x45L, Anodized Aluminium, ESD- Suitable, Cut-to-Length 50-6070 mm - Bosch Rexroth 3842992425

Item no. BRR-3842992425

Manufacturer Bosch Rexroth

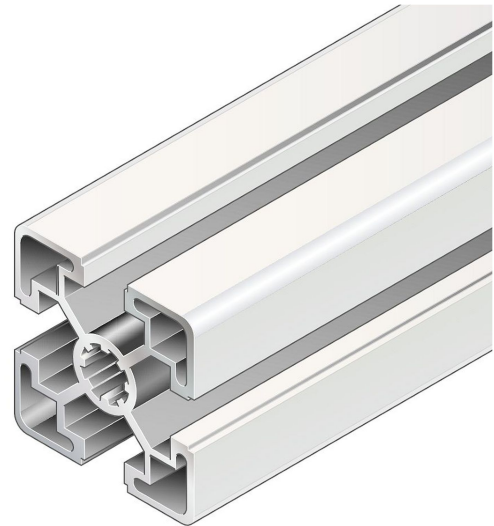
Anodized aluminium strut profile on the 45 mm modular grid, with 4 open slots (slot width 10 mm) - supplied cut to any length between 50 mm and 6070 mm. The 45x45L cross-section delivers symmetrical bending stiffness ($I_x = I_y = 11.7 \text{ cm}^4$) and is ESD-suitable for use in electronics assembly environments.

TECHNICAL DATA

Country of Manufacture **Germany**

HS-Code **76042100**

Weight **0.01 kg**



31416

STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The 45x45L strut profile is a standard component in the Bosch Rexroth 45 mm modular assembly system. Supplied cut to the exact length ordered - from 50 mm up to 6070 mm - it fits directly into frames, guards and conveyor structures without further machining. Four open slots (slot 10, 45 mm grid) provide full perimeter access for connectors, brackets and add-on elements. ESD suitability makes it the right choice for workstation systems in electrostatic-sensitive production areas.

- Cut-to-length supply: 50 mm to 6070 mm, no fixed stock lengths
- 4 open slots (slot 10, 45 mm grid) for all-round connector access
- ESD-suitable: safe for electrostatically sensitive environments
- Anodized aluminium: corrosion-resistant, hard surface, natural colour
- Symmetrical section: $I_x = I_y = 11.7 \text{ cm}^4$, $W_x = W_y = 5.2 \text{ cm}^3$ for predictable load calculations
- Fully compatible with the complete Bosch Rexroth 45 mm profile range

TECHNICAL DATA

Property	Value
Cross-section	45x45L

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Property	Value
Dimensions	45 x 45 mm
Modular dimension	45 mm
Profile slot	10 mm
Open slots	4
Profile type	Standard
Length min (L min)	50 mm
Length max (L max)	6070 mm
Condition on delivery	Variable length (cut to order)
Material	Aluminium, anodized
Colour	Natural
ESD	Yes
Mass (m)	1.6 kg/m
Profile surface (A)	6 cm ²
Area moment of inertia in x-direction (Ix)	11.7 cm ⁴
Area moment of inertia in y-direction (Iy)	11.7 cm ⁴
Moment of resistance in x-direction (Wx)	5.2 cm ³
Moment of resistance in y-direction (Wy)	5.2 cm ³
Torsional moment of inertia (It)	1.46 cm ⁴
Moment of torsion resistance (Wt)	0.75 cm ³
Packaging unit	1
Recommended accessories	Cover cap 45x45 signal gray, Cover cap 45x45 black, Cover cap with hole 45x45 signal gray, Cover cap with hole 45x45 black