

Strut Profile 45x45L 2N, Anodized Aluminum, Variable Length 50-6070 mm - Bosch Rexroth 3842992403

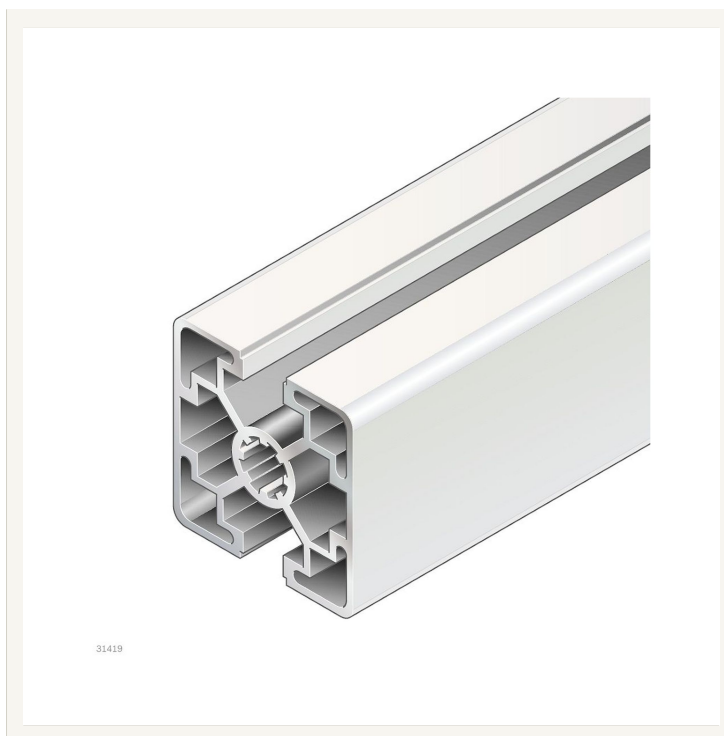
Item no. BRR-3842992403

Manufacturer Bosch Rexroth

Anodized aluminum strut profile with a 45x45 mm cross-section and two open slots (profile type 2N) for modular assembly and conveyor structures. Supplied cut to length between 50 mm and 6070 mm on the 45 mm grid. Mass 1.7 kg/m, area moment of inertia I_x 11.6 cm⁴.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
HS-Code	76042100
Weight	1.7 kg



DESCRIPTION

The 45x45L 2N strut profile in anodized aluminum is the primary structural element for modular assembly systems and conveyor lines built on the Bosch Rexroth profile platform. Two opposing open slots (slot width 10, profile type 2N) accept connectors, brackets, and attachments without additional drilling. The profile is delivered cut to the required length anywhere between 50 mm and 6070 mm.

- Two open slots allow flexible attachment of connectors and accessories without additional machining
- Anodized aluminum surface provides lasting corrosion and wear resistance
- Cut-to-length service 50-6070 mm eliminates on-site trimming and rework
- 45 mm modular dimension ensures full compatibility across the Bosch Rexroth 45-series profile system

TECHNICAL DATA

Property	Value
Cross-section	45x45 mm
Profile type	2N
Open slots	2
Profile slot width	10

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Property	Value
Modular dimension	45 mm
Length min (L min)	50 mm
Length max (L max)	6070 mm
Material	Aluminum, anodized
Color	Natural
Mass (m)	1.7 kg/m
Profile surface (A)	6.4 cm ²
Area moment of inertia x-direction (Ix)	11.6 cm ⁴
Area moment of inertia y-direction (Iy)	13.5 cm ⁴
Moment of resistance x-direction (Wx)	5.2 cm ³
Moment of resistance y-direction (Wy)	6.0 cm ³
Torsional moment of inertia (It)	5.5 cm ⁴
Moment of torsion resistance (Wt)	4.3 cm ³
Packaging unit	1