

Strebenprofil 45x45L 3N, Aluminium eloxiert, Nut 10, 3 offene Nuten - Bosch Rexroth 3842993741

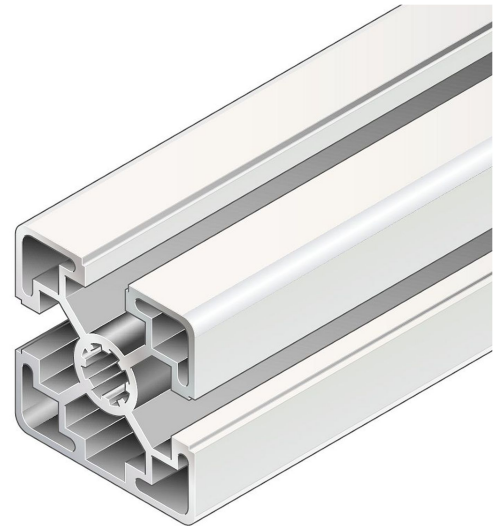
Item no. BRR-3842993741

Manufacturer Bosch Rexroth

Anodized aluminum strut profile with a 45x45L 3N cross-section, three open slots (slot size 10), and a 45 mm modular dimension. Available in cut-to-length sizes from 50 mm to 6070 mm with standard and customized machining options. A core structural element for assembly, test, and automation frames in the Rexroth profile system.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
Hinweis	Gemäß der aktuellen Preisstruktur werden für Bestellungen von Profilen mit einer Länge von 1500 mm zusätzliche Kosten in Höhe von 80,00 Euro berechnet.
Weight	0.1 kg
Zolltarifnummer	76042100



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DESCRIPTION

The 45x45L 3N strut profile is an anodized aluminum section with three open slots (slot size 10) and a 45 mm modular pitch. Cut to length between 50 mm and 6070 mm, it serves as the primary load-bearing and connecting member in assembly, inspection, and automation structures built with the Rexroth profile system.

- Three open slots allow connections on three faces without additional drilling
- Standard factory machining available: M12 thread, bores D9.8 / D17 / DB17
- Customized machining options: DI, DIS, MT, MTS, MI, MIS, DG (miter cut up to 45°)
- Anodized surface for corrosion resistance and a clean natural finish
- Linear mass of 1.7 kg/m - a lightweight yet rigid structural choice

TECHNICAL DATA

Property	Value
Cross-section	45x45L 3N
Profile type	3N
Dimensions	45 x 45 mm
Modular dimension	45 mm
Profile slot	10

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Property	Value
Open slots	3
Color	Natural (anodized)
Material	Aluminum, anodized
Length min	50 mm
Length max	6070 mm
Mass	1.7 kg/m
Profile surface [A]	6.2 cm ²
Area moment of inertia I _x	12.6 cm ⁴
Area moment of inertia I _y	11.7 cm ⁴
Moment of resistance W _x	5.4 cm ³
Moment of resistance W _y	5.2 cm ³
Torsional moment of inertia I _t	3.4 cm ⁴
Moment of torsion resistance W _t	2.4 cm ³
Standard profile finishing	M12 / D9.8 / D17 / DB17
Customized profile finishing	DI / DIS / MT / MTS / MI / MIS / DG
Miter cut notice	DGmax = 45°, Lmin1 / Lmin2 = 378 / 456 mm
Packaging unit	1