

Strebenprofil 45x90x90 4N, Aluminium eloxiert, Nut 10, Rastermaß 45 mm - Bosch Rexroth 3842993764

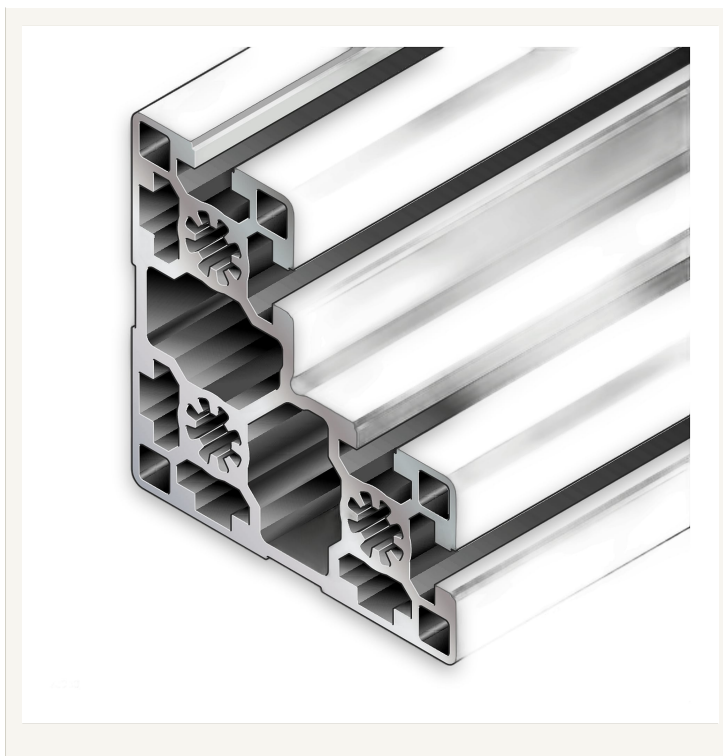
Item no. BRR-3842993764

Manufacturer Bosch Rexroth

L-section strut profile with a 45x90x90 mm cross-section and four open slots (slot width 10 mm) for assembly frames, machine guards, and enclosures. The anodized aluminum profile is cut to length between 50 mm and 6070 mm and is available with standard or customized end machining. Recommended accessories: cover caps 45x90x90 in black or signal gray.

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



DESCRIPTION

The Bosch Rexroth strut profile 45x90x90 4N is part of the 45 mm modular aluminum profile system and is designed for load-bearing frames, protective enclosures, and machine housings where an L-shaped cross-section with four open slots is required. The profile is manufactured from anodized aluminum and is available in lengths from 50 mm to 6070 mm.

- Four open slots (width 10 mm) for flexible connection and fastening options on all faces
- Symmetric area moments of inertia in both X and Y directions (160.8 cm⁴ each) for uniform stiffness
- Standard profile finishing M12 / D9.8 / D17 / DB17 (A, B, C, F, G, H) ex works; customized finishing (DI, DIS, MT, MTS, MI, MIS, DG) available on request
- Anodized natural finish for long-term corrosion resistance
- Matching cover caps 45x90x90 in black and signal gray available as recommended accessories

TECHNICAL DATA

Property	Value
Cross-section	45x90x90 mm (4N)
Profile type	4N
Modular dimension	45 mm

Property	Value
Profile slot width	10 mm
Open slots	4
Length min. / max.	50 mm / 6070 mm
Mass	6 kg/m
Profile surface [A]	22.1 cm ²
Area moment of inertia X [Ix]	160.8 cm ⁴
Area moment of inertia Y [Iy]	160.8 cm ⁴
Moment of resistance X [Wx]	30.6 cm ³
Moment of resistance Y [Wy]	30.6 cm ³
Torsional moment of inertia [It]	65.3 cm ⁴
Moment of torsion resistance [Wt]	17.2 cm ³
Material	Aluminum, anodized
Color	Natural
Standard profile finishing	M12 / D9.8 / D17 / DB17 (A, B, C, F, G, H)
Customized profile finishing	DI / DIS / MT / MTS / MI / MIS / DG
Finishing notice	DGmax = 45°; Lmin1 / Lmin2 = 456 / 612 mm; standard finishing at specified slots only
Packaging unit	1