

Strebenprofil 45x90L 2N, 6070 mm, Aluminium eloxiert - Bosch Rexroth 3842538303

Item no. BRR-3842538303 **Manufacturer** Bosch Rexroth

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Aluminum strut profile with 45x90L cross-section, 2 open slots (type 2N) for the 45 mm modular grid. Supplied as a single rod in standard length 6070 mm, anodized natural finish. Designed for load-bearing frames, machine guards, and structural assemblies within the Bosch Rexroth aluminum profile system.

TECHNICAL DATA

Article authenticity	Original product
Condition of article	New
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.
Lenght	6070 mm
Weight	19.981 kg
Zolltarifnummer	76042100



DESCRIPTION

The 45x90L 2N strut profile is an asymmetric aluminum structural profile with two open slots for the Bosch Rexroth 45 mm modular system. A profile surface area of 12 cm² and an area moment of inertia of 85.6 cm⁴ in the y-direction make it well suited to stiff cross-members, frames, and support structures in special-purpose machinery and fixture construction. The anodized surface provides lasting protection against corrosion and mechanical wear.

- High bending stiffness in the y-direction: $W_y = 38.1 \text{ cm}^3$ - suitable for load-bearing cross-members and long spans
- 2 open slots (type 2N) allow direct mounting of connectors, brackets, and attachments without

removing the rod

- Compatible with the full Bosch Rexroth 45 mm modular system: profile slot 10, modular dimension 45 mm
- Anodized aluminum - corrosion-resistant, lightweight, and easy to machine
- Supplied as a single rod, length 6070 mm, mass 3.2 kg/m

Technical data

Property	Value
Cross-section	45x90L 2N
Dimensions	45 x 90 mm
Length [L]	6070 mm
Modular dimension	45 mm
Profile slot	10
Profile type	2N
Open slots	2
Material	Aluminum, anodized
Color	Natural
Profile surface [A]	12 cm ²
Area moment of inertia X [Ix]	26.9 cm ⁴
Area moment of inertia Y [Iy]	85.6 cm ⁴
Moment of resistance X [Wx]	6 cm ³
Moment of resistance Y [Wy]	38.1 cm ³
Torsional moment of inertia [It]	31.7 cm ⁴
Moment of torsion resistance [Wt]	7.7 cm ³
Mass [m]	3.2 kg/m
Weight (rod)	19.981 kg
Condition on delivery	Single rod in standard length
Packaging unit	1
Recommended accessories	Cover cap 45x90 signal gray, Cover cap 45x90 black, Cover cap with hole 45x90 signal gray, Cover cap with hole 45x90 black