

Strebenprofil 45x90L 2N, eloxiertes Aluminium, 6 offene Nuten - Bosch Rexroth 3842993751

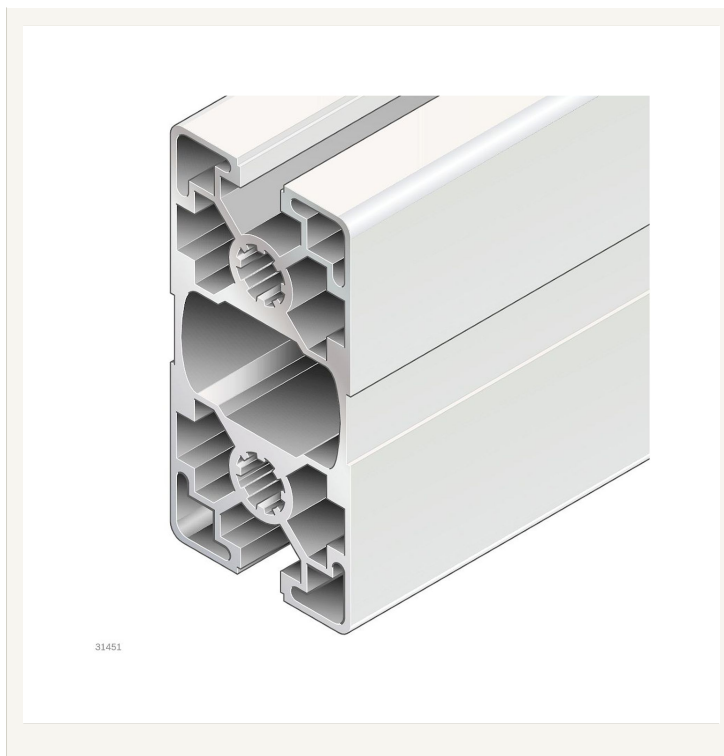
Item no. BRR-3842993751

Manufacturer Bosch Rexroth

Asymmetric aluminum strut profile with a 45x90 mm cross-section and 6 open slots (slot width 10, modular dimension 45 mm) for assembly systems and machine frames. The anodized profile is available in cut-to-length sizes from 50 to 6070 mm. Standard profile finishing options including M12, D9.8 and D17 are available from minimum length.

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 45x90L 2N is an anodized aluminum profile with an asymmetric 45x90 mm cross-section, designed for building assembly fixtures, machine frames and guarding structures. Six open slots (slot width 10) provide connection points on all faces, keeping layouts flexible.

- 6 open profile slots (width 10) for connections on all sides
- Anodized aluminum: corrosion resistant, lightweight and clean in appearance
- Cut-to-length from 50 to 6070 mm, supplied per piece
- Area moment of inertia $I_x = 85.6 \text{ cm}^4$, moment of resistance $W_x = 38.1 \text{ cm}^3$ for high bending stiffness in the x-direction
- Standard profile finishing M12 / D9.8 / D17 / DB17 / F1(A,D) available from minimum length
- Customized finishing DI / DIS / MT / MTS / MI / MIS / DG available on request

TECHNICAL DATA

Property	Value
Cross-section	45x90 mm
Profile type	2N
Profile slot	10

Property	Value
Modular dimension	45 mm
Open slots	6
Color	Natural (anodized)
Material	Aluminum, anodized
Length min.	50 mm
Length max.	6070 mm
Mass	3.2 kg/m
Profile surface [A]	12 cm ²
Area moment of inertia X [Ix]	85.6 cm ⁴
Moment of resistance X [Wx]	38.1 cm ³
Area moment of inertia Y [Iy]	26.9 cm ⁴
Moment of resistance Y [Wy]	6 cm ³
Torsional moment of inertia [It]	31.7 cm ⁴
Moment of torsion resistance [Wt]	7.7 cm ³
Standard profile finishing	M12 / D9.8 / D17 / DB17 / F1(A,D)
Customized profile finishing	DI / DIS / MT / MTS / MI / MIS / DG
Finishing notice	DGmax = 45°, Lmin1/Lmin2 = 456/612 mm, standard finishing at specified slots
Recommended accessories	Cover cap 45x90 black/signal gray, cover cap with hole 45x90 black/signal gray
Packaging unit	1