

Strebenprofil 45x90L 2NVS, 12 x 6070 mm, Aluminium eloxiert, ESD - Bosch Rexroth 3842555652

Item no. BRR-3842555652

Manufacturer Bosch Rexroth

Strut profile in cross-section 45x90L 2NVS, made from anodized aluminum, ESD-rated, supplied as a packaging unit of 12 pieces at 6070 mm each. Six open slots and a 45 mm modular dimension allow direct integration into Bosch Rexroth profile structures. Recommended accessory: cover cap 45x90.

TECHNICAL DATA

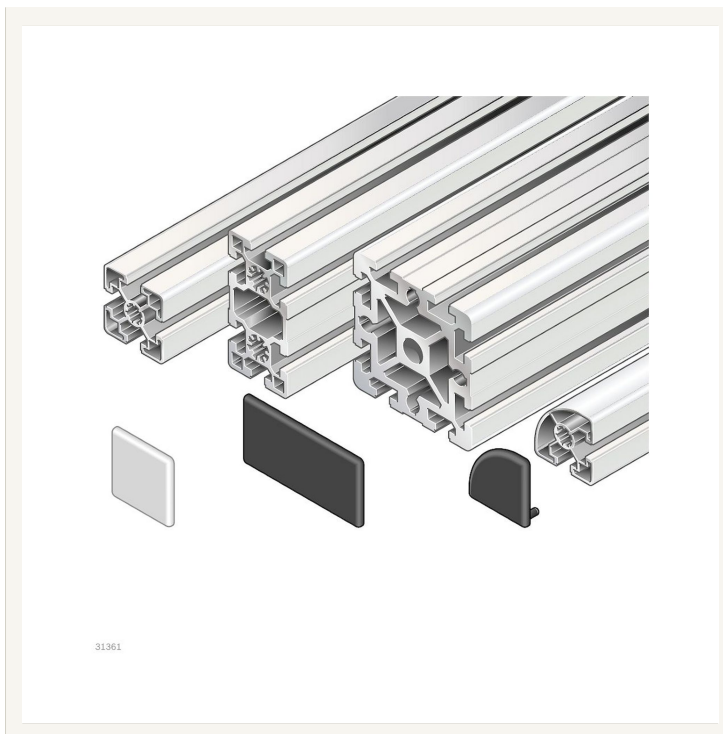
Country of Manufacture **Germany**

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 **255 kg**

Zolltarifnummer **76042100**



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Bosch Rexroth strut profile 45x90L 2NVS is a structural component for modular machine frames and assembly systems built on the 45 mm grid. Six open slots (profile slot 10) allow connections in multiple directions without additional machining, while the anodized aluminum construction meets ESD requirements for use in electrostatic-sensitive environments.

- High bending stiffness in Y-direction: area moment of inertia $I_y = 90.6 \text{ cm}^4$, moment of resistance $W_y = 40.3 \text{ cm}^3$
- ESD-rated anodized aluminum for use in electrostatic protected areas
- Six open slots for flexible connections throughout the full profile length
- Supplied as a packaging unit of 12 pieces in standard length 6070 mm
- Direct fit into the Bosch Rexroth 45 mm modular grid system

TECHNICAL DATA

Property	Value
Cross-section	45x90L 2NVS
Profile type	2NVS

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Page 1/2

Property	Value
Length [L]	6070 mm
Dimensions	45x90 mm
Modular dimension	45 mm
Profile slot	10
Open slots	6
Material	Aluminum, anodized
Color	Natural
ESD	Yes
Profile surface [A]	12.1 cm ²
Mass [m]	3.3 kg
Area moment of inertia X [Ix]	25.9 cm ⁴
Moment of resistance X [Wx]	5.7 cm ³
Area moment of inertia Y [Iy]	90.6 cm ⁴
Moment of resistance Y [Wy]	40.3 cm ³
Torsional moment of inertia [It]	31.7 cm ⁴
Moment of torsion resistance [Wt]	7.7 cm ³
Delivery unit	12 pieces
Condition on delivery	Packaging unit in standard length
Weight (packaging unit)	255 kg
Recommended accessories	Cover cap 45x90 black, Cover cap 45x90 signal gray, Cover cap with hole 45x90 black, Cover cap with hole 45x90 signal gray