

Strebenprofil 80x80L 4N, eloxiertes Aluminium, 6070 mm, 6 Stück - Bosch Rexroth 3842555651

Item no. BRR-3842555651

Manufacturer Bosch Rexroth

Structural strut profile in anodized aluminum, 80x80L cross-section with 4 open slots (profile slot 10) and a 40 mm modular dimension. Standard length is 6070 mm; the packaging unit contains 6 profiles (total weight 206 kg). ESD-suitable and fully compatible with the Bosch Rexroth 80 mm assembly system.

TECHNICAL DATA

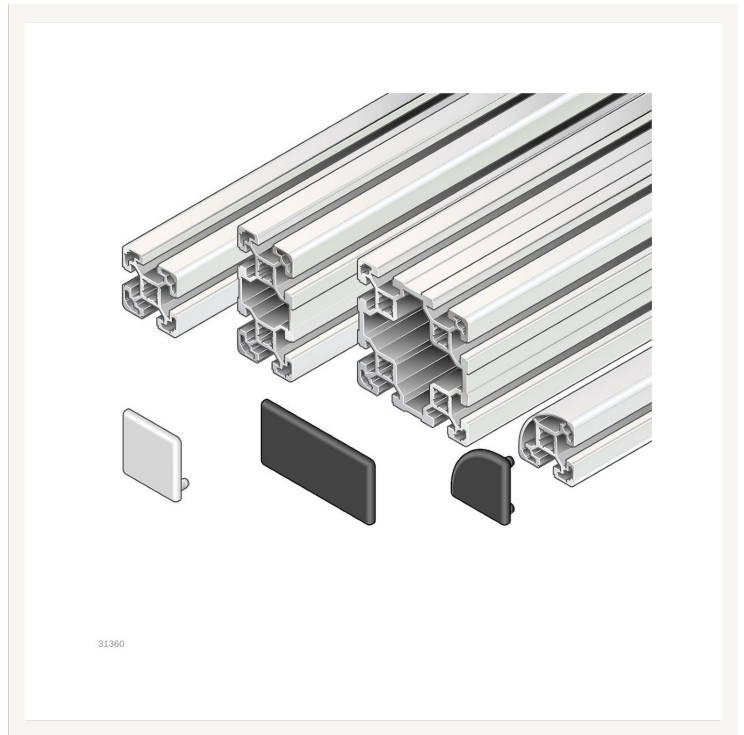
Country of Manufacture **Germany**

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.**

Length **6070 mm**

Weight **206 kg**

Zolltarifnummer **76042100**



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The 80x80L 4N strut profile is a load-bearing aluminum section for constructing assembly, conveyor and guarding structures within the Bosch Rexroth modular building system. The symmetric 80x80 mm cross-section with 4 open slots allows connections on all four sides, while the 40 mm modular dimension ensures full compatibility with all profile and connector components in the series.

- High bending stiffness: area moments of inertia I_x and I_y each 142.5 cm^4 - suited for load-bearing frame structures
- Symmetric 4-slot profile: all four faces accessible without restriction on orientation
- ESD-suitable: anodized aluminum surface meets ESD requirements for electrostatic-sensitive work areas
- Pack of 6 in standard length: efficient storage and picking, minimal offcut waste
- Recommended accessories: cover cap 80x80 (signal gray or black) for clean end faces

TECHNICAL DATA

Property	Value
Cross-section	80x80L 4N

boxic24.com

Keldersstr. 15

42697 Solingen, Deutschland

VAT ID: DE269659389

Phone: +49 212 38340680

shop@boxic24.com

boxic24.com

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Property	Value
Dimensions	80 x 80 mm
Length [L]	6070 mm
Profile type	4N
Open slots	4
Profile slot	10
Modular dimension	40 mm
Material	Aluminum, anodized
Color	Natural
ESD	Yes
Profile surface [A]	19.3 cm ²
Area moment of inertia X [Ix]	142.5 cm ⁴
Area moment of inertia Y [Iy]	142.5 cm ⁴
Moment of resistance X [Wx]	35.6 cm ³
Moment of resistance Y [Wy]	35.6 cm ³
Torsional moment of inertia [It]	92 cm ⁴
Moment of torsion resistance [Wt]	16.8 cm ³
Mass [m] (per bar)	5.2 kg
Delivery unit	6 pieces
Total weight (packaging unit)	206 kg
Recommended accessories	Cover cap 80x80, signal gray; Mounting hole plug 80x80, black