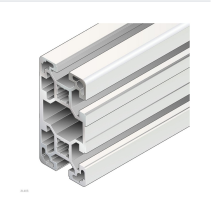
Strebenprofil 40x80L 4N, eloxiertes Aluminium, ESD-geeignet, 50-6070 mm - Bosch Rexroth 3842993424

Item no. BRR-3842993424 **Manufacturer** Bosch Rexroth
Manufacturer no. 3842993424

Structural strut profile with a 40x80L 4N cross-section, made from anodized aluminum for the Bosch Rexroth assembly system. Four open slots (slot width 10 mm, modular dimension 40 mm) allow flexible connections on all sides. Supplied cut to length from 50 mm to 6070 mm; ESD-suitable.

TECHNICAL DATA



Article authenticity	**Original product**
Condition of article	**New**
Country of Manufacture	**Germany**
ESD-Ausführung	**TEC**
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**

STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Bosch Rexroth strut profile 40x80L 4N is a load-bearing aluminum structural profile for assembly workstations, guarding, machine frames, and conveyor systems within the Rexroth profile system. The asymmetric 4N cross-section with four open slots delivers high bending stiffness in the primary load direction while keeping weight low.

- Four open profile slots (slot width 10 mm) on all faces - direct connection without drilling

- High bending stiffness: area moment of inertia Ix = 65.2 cm⁴ in the primary load direction
- Anodized aluminum - corrosion-resistant and ESD-suitable per manufacturer specification
- Cut-to-length supply from 50 mm to 6070 mm (modular dimension 40 mm)
- Compatible with the full Bosch Rexroth profile accessory range (connectors, brackets, cover caps)

Technical data

Property	Value
Cross-section	40x80L 4N
Dimensions [mm]	40 x 80
Profile type	4N
Open slots	4
Profile slot [mm]	10
Modular dimension [mm]	40
Length min [mm]	50
Length max [mm]	6070
Material	Aluminum, anodized
Color	Natural
ESD-suitable	Yes
Condition on delivery	Variable length (cut to length)
Profile surface A [cm²]	10.4
Mass m [kg/m]	2.8
Area moment of inertia Ix [cm⁴]	65.2
Area moment of inertia Iy [cm⁴]	19.1
Moment of resistance Wx [cm³]	16.3
Moment of resistance Wy [cm³]	9.9
Torsional moment of inertia It [cm⁴]	13.3
Moment of torsion resistance Wt [cm³]	4.4
Packaging unit	1