

Strebenprofil 40x40L 3N, eloxiertes Aluminium, ESD-geeignet, 1000 mm - Bosch Rexroth 3842993722-1000

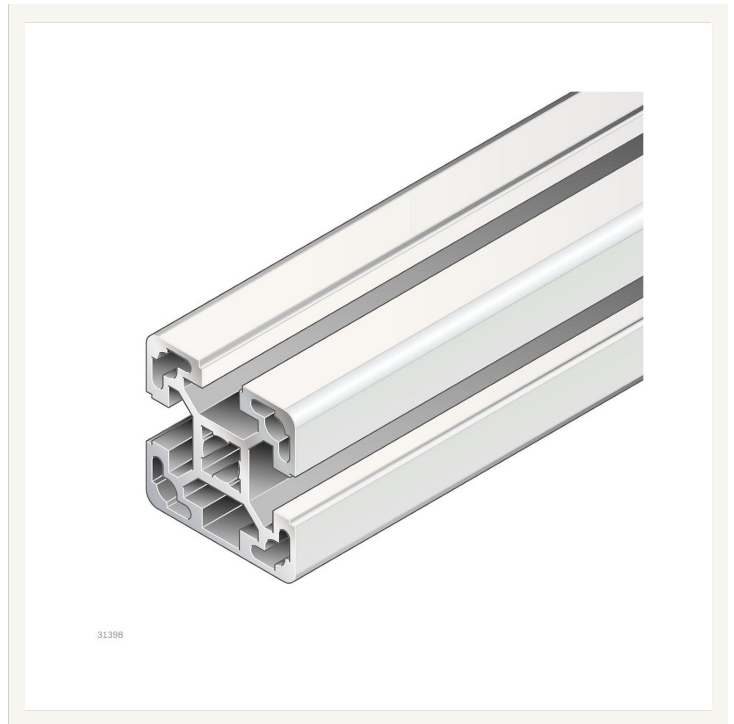
Item no. BRR-3842993722-1000

Manufacturer Bosch Rexroth

The Bosch Rexroth 40x40L 3N strut profile is an anodized aluminum structural profile with three open slots and a 40 mm modular dimension. ESD-rated for use in electrostatic-protected assembly and automation environments, it can be cut to length from 50 mm up to 6070 mm. This variant is supplied at 1000 mm.

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	0.0099 kg
Zolltarifnummer	76042100



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Bosch Rexroth strut profile 40x40L 3N (3842993722-1000) is an anodized aluminum construction profile with three open slots on a 40 mm grid. Its ESD rating makes it a dependable choice for electrostatically sensitive assembly, test, and automation setups. A profile surface of 5.8 cm² and an area moment of inertia of 9.7 cm⁴ (x-direction) deliver solid rigidity at a linear mass of 1.6 kg/m.

- Three open slots (slot width 10) for flexible connections and attachments on every face
- ESD-suitable per Bosch Rexroth specification - safe for use in EPA (electrostatic protected area) environments
- Anodized aluminum - corrosion-resistant, low-friction slot surface, natural color
- Cut-to-length service: minimum 50 mm, maximum 6070 mm
- Standard profile finishing M12 / D9.8 / D17 / DB17 available; customized finishing (DI, DIS, MT, MTS, MI, MIS, DG) on request (DGmax = 45 deg, observe Lmin1/Lmin2 = 370/440 mm)

TECHNICAL DATA

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Property	Value
Cross-section	40x40L 3N
Dimensions [mm]	40x40
Profile type	3N
Open slots	3
Profile slot width	10
Modular dimension [mm]	40
Length (this variant) [mm]	1000
Length min [mm]	50
Length max [mm]	6070
Mass [kg/m]	1.6
Profile surface [A] [cm ²]	5.8
Area moment of inertia I _x [cm ⁴]	9.7
Area moment of inertia I _y [cm ⁴]	9.0
Moment of resistance W _x [cm ³]	4.8
Moment of resistance W _y [cm ³]	4.5
Torsional moment of inertia I _t [cm ⁴]	2.6
Moment of torsion resistance W _t [cm ³]	1.7
Material	Aluminum, anodized
Color	Natural
ESD-suitable	Yes
Standard profile finishing	M12 / D9.8 / D17 / DB17
Customized profile finishing	DI / DIS / MT / MTS / MI / MIS / DG
Packaging unit	1