

Strebenprofil 90x90L, eloxiertes Aluminium, 8 offene Nuten, ESD-geeignet - Bosch Rexroth 3842992415

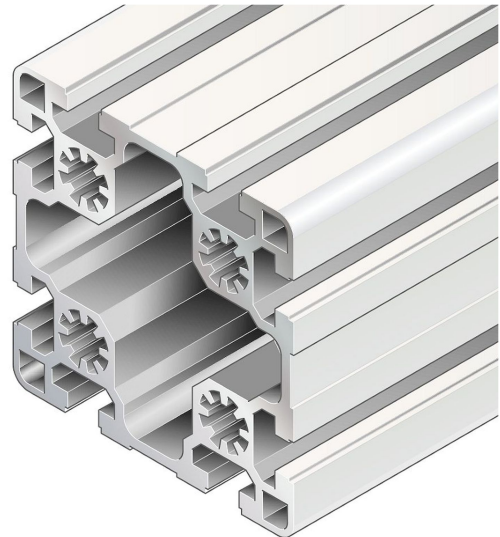
Item no. BRR-3842992415

Manufacturer Bosch Rexroth

The 90x90L strut profile in anodized aluminum provides 8 open slots with a 45 mm modular dimension, giving full flexibility for machine frames and assembly structures. Supplied cut to length from 50 mm to 6070 mm, it is also suitable for ESD-sensitive environments. The 90x90 cross-section delivers high bending stiffness for demanding load-bearing applications.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
Weight	0.1 kg
Zolltarifnummer	76042100



31434

STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Bosch Rexroth 90x90L strut profile is a standard anodized aluminum profile with an 90x90 mm cross-section, 8 open slots (slot width 10 mm, modular dimension 45 mm). It is delivered cut to the required length - from 50 mm up to 6070 mm - allowing precise fit without on-site machining. ESD suitability makes it appropriate for use in electrostatically protected areas.

- 8 open slots for versatile connections and fastening in all orientations
- High bending stiffness: area moment of inertia $I_x = I_y = 211.1 \text{ cm}^4$, moment of resistance $W_x = W_y = 46.9 \text{ cm}^3$
- Factory machining included: M12 threads in all core bores, D17 and D17V in the corresponding slots, longitudinal guide (LF) in slots C/H and D/G
- ESD-suitable for use in electrostatic discharge-sensitive production environments
- Anodized surface, natural color - corrosion-resistant and durable
- Profile cross-sectional area 24.1 cm^2 , linear mass 6.5 kg/m

TECHNICAL DATA

Property	Value
Cross-section	90x90L
Dimensions	90x90 mm
Profile type	Standard
Slot width	10 mm
Modular dimension	45 mm
Open slots	8
Min. length	50 mm
Max. length	6070 mm
Condition on delivery	Variable length (cut to size)
Material	Aluminum, anodized
Color	Natural
ESD-suitable	Yes
Profile surface [A]	24.1 cm ²
Mass [m]	6.5 kg/m
Area moment of inertia $I_x = I_y$	211.1 cm ⁴
Moment of resistance $W_x = W_y$	46.9 cm ³
Torsional moment of inertia [It]	82.1 cm ⁴
Moment of torsion resistance [Wt]	20.1 cm ³
Profile machining	M12: all core bores; D17: slots C/H, D/G; D17V: slots A/F, B/E; LF: slots C/H, D/G
Packaging unit	1 piece
Recommended accessories	Cover cap 90x90L black, Cover cap 90x90L signal gray