

Strebenprofil 90x90L, eloxiertes Aluminium, ESD- geeignet, variable Länge 50-6070 mm - Bosch Rexroth 3842992415-1000

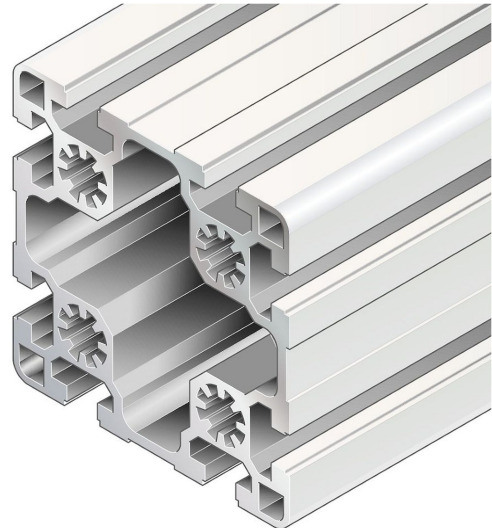
Item no. BRR-3842992415-1000

Manufacturer Bosch Rexroth

Strut profile 90x90L in anodized aluminum for structural frames, machine guards, and workstation systems. Eight open slots on a 45 mm grid with ESD capability cover demanding assembly and test environments. Supplied cut to length between 50 mm and 6070 mm, eliminating on-site trimming.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
Weight	0.0099 kg
Zolltarifnummer	76042100



31434

STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The 90x90L strut profile in anodized aluminum forms the load-bearing backbone of Bosch Rexroth modular assembly systems. Eight open slots on the 45 mm grid provide connection points on every face, making the profile suitable for frames, guards, and multi-level workstation structures that need to grow or adapt over time. ESD compliance extends its use to electrostatic-sensitive production and inspection areas.

- Eight open slots (slot width 10 mm, modular dimension 45 mm) - connectors attachable at any position along the full length
- Anodized aluminum, natural color - corrosion-resistant surface without paint, low maintenance
- ESD-suitable - ready for use in EPA (electrostatic protected area) workstations
- Variable length 50 to 6070 mm - cut to order, no site trimming required
- Factory-machined: M12 tapped holes in all core channels; D17 holes in slots C/H and D/G; D17V in slots A/F and B/E; longitudinal guide in slots C/H and D/G

TECHNICAL DATA

Property	Value
Cross-section	90x90L
Dimensions [mm]	90 x 90
Profile type	Standard
Open slots	8
Slot width [mm]	10
Modular dimension [mm]	45
Length min / max [mm]	50 / 6070
Condition on delivery	Cut to length
Material	Aluminum, anodized
Color	Natural
ESD	Yes
Profile surface A [cm ²]	24.1
Mass m [kg/m]	6.5
Area moment of inertia I _x [cm ⁴]	211.1
Area moment of inertia I _y [cm ⁴]	211.1
Moment of resistance W _x [cm ³]	46.9
Moment of resistance W _y [cm ³]	46.9
Torsional moment of inertia I _t [cm ⁴]	82.1
Moment of torsion resistance W _t [cm ³]	20.1
Packaging unit	1
Recommended accessories	Cover cap 90x90L black, Cover cap 90x90L signal gray