

Strut Profile 80x80L, Slot 10, ESD, Anodized Aluminum - Bosch Rexroth 3842529347

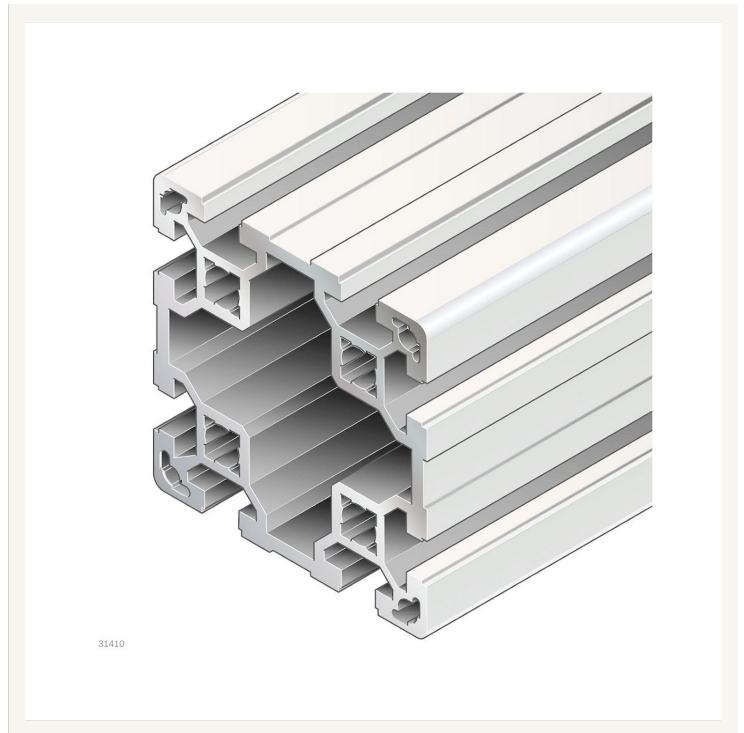
Item no. BRR-3842529347

Manufacturer Bosch Rexroth

Strut profile 80x80L in anodized aluminum with profile slot 10 and 8 open slots, ESD-capable. A symmetrical cross-section with an 18.2 cm² profile surface delivers high rigidity for load-bearing frames and structures in machine and plant construction. Supplied as a packaging unit of 6 profiles at 6070 mm each.

TECHNICAL DATA

HS-Code	76042100
Lenght	6070 mm
Note	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	200 kg



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The Bosch Rexroth 80x80L strut profile is a load-bearing extruded aluminum profile for the modular construction of machine frames, protective enclosures and supporting structures. With profile slot 10, a 40 mm modular dimension and a symmetrical cross-section, it enables stable and precisely aligned connections.

- Symmetrical cross-section with identical values in the X and Y directions for uniform load capacity
- 8 open slots on all four sides for flexible attachments and linkages
- ESD-capable for applications requiring electrostatic dissipation
- M12 machining in all core bores for face-end connections

TECHNICAL DATA

Attribute	Value
Cross-section	80x80L
Dimensions	80x80 mm
Profile slot	10

Attribute	Value
Modular dimension	40 mm
Open slots	8
Profile type	Standard
ESD	yes
Color	Natural
Material	Aluminum, anodized
Length [L]	6070 mm
Delivery unit	6 profiles
Condition on delivery	Packaging unit in standard length
Profile surface [A]	18.2 cm ²
Mass [m]	4.9 kg/m
Area moment of inertia I _x	132.1 cm ⁴
Area moment of inertia I _y	132.1 cm ⁴
Moment of resistance W _x	33 cm ³
Moment of resistance W _y	33 cm ³
Torsional moment of inertia I _t	59.8 cm ⁴
Moment of torsion resistance W _t	17.2 cm ³
Profile machining	M12: in all core bores; D17: in slots A/F, B/E; D17V: in slots C/H, D/G
Recommended accessories	Cover cap 80x80, signal gray; mounting hole plug 80x80, black
Weight (packaging unit)	200 kg