

Strebenprofil 90x90, 6x6070 mm, Aluminium eloxiert, ESD - Bosch Rexroth 3842557201

Item no. BRR-3842557201

Manufacturer Bosch Rexroth

Strut profile 90x90 mm in anodized aluminum with ESD-compliant finish, length 6070 mm, delivery unit of 6 pieces. Eight open slots (slot width 10, modular dimension 45 mm) allow fast, tool-free integration of connectors and brackets from the Rexroth assembly system. Suited for workstations, protective enclosures, and conveyor structures in ESD-sensitive production environments.

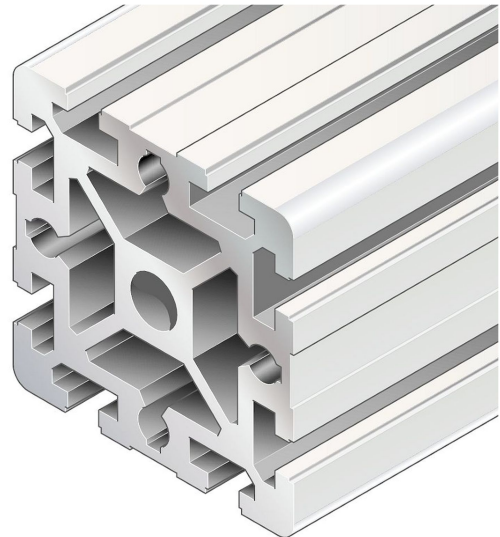
TECHNICAL DATA

Country of Manufacture **Sweden**

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.

Length **6070 mm**

Weight **398 kg**

Zolltarifnummer **76042100**


31435

STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The strut profile 90x90 (article 3842557201) is an anodized aluminum structural profile with ESD-compliant surface finish, cross-section 90x90 mm, supplied in lengths of 6070 mm. The delivery unit of 6 profiles supports cost-efficient planning of larger assemblies with minimal offcut waste. Eight open slots accept standard Rexroth connectors, brackets, and fastening elements without drilling or welding.

- ESD-qualified anodized surface (color: natural) - suitable for electrostatic-sensitive manufacturing areas
- 8 open slots (profile slot 10, modular dimension 45 mm) - full flexibility for mounting accessories at any position
- High bending stiffness: area moment of inertia $I_x = I_y = 299.8 \text{ cm}^4$, moment of resistance $W_x = W_y = 66.7 \text{ cm}^3$
- Delivery unit 6 pieces x 6070 mm - packing unit weight 398 kg, single profile mass 10.4 kg
- Recommended accessories: cover cap 90x90 black ESD, cover cap 90x90 signal gray, cover cap with hole 90x90 black ESD, cover cap with hole 90x90 signal gray

TECHNICAL DATA

Property	Value
Cross-section / Dimensions	90x90 mm
Length [L]	6070 mm
Profile type	Standard
Profile slot	10
Open slots	8
Modular dimension	45 mm
Material	Aluminum, anodized
Color	Natural
ESD	Yes
Profile surface [A]	38.4 cm ²
Area moment of inertia in x-direction [Ix]	299.8 cm ⁴
Area moment of inertia in y-direction [Iy]	299.8 cm ⁴
Moment of resistance in x-direction [Wx]	66.7 cm ³
Moment of resistance in y-direction [Wy]	66.7 cm ³
Torsional moment of inertia [It]	118.6 cm ⁴
Moment of torsion resistance [Wt]	26 cm ³
Mass [m] (single profile)	10.4 kg
Delivery unit	6 pieces
Weight (packing unit)	398 kg
Condition on delivery	Packaging unit in standard length