

Strebenprofil 90x90 D17/-, 1000 mm - Bosch Rexroth 3842990092-1000

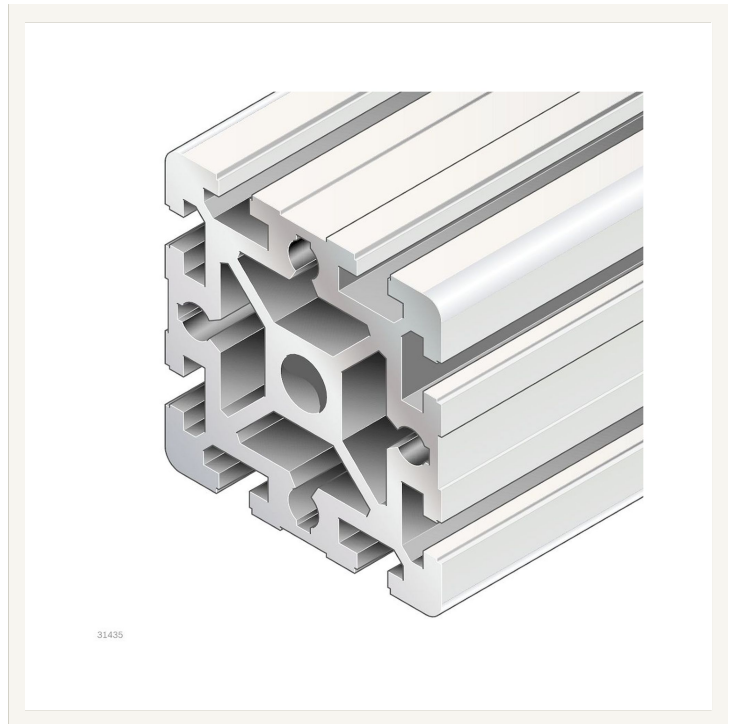
Item no. BRR-3842990092-1000

Manufacturer Bosch Rexroth

Anodized aluminum strut profile with a 90x90 mm cross-section, 8 open slots (slot size 10 mm) and a 45 mm modular dimension for Rexroth assembly systems. Cut to length between 60 mm and 6000 mm on order; supplied individually. Suited for machine frames, guard structures, operator stations and workbenches.

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	76169990



DESCRIPTION

The Bosch Rexroth strut profile 90x90 D17/- is an anodized aluminum profile with a 90x90 mm cross-section, 8 open slots of size 10 mm and a modular dimension of 45 mm. It serves as the primary load-bearing element for machine enclosures, safety guards, operator stations and assembly tables within the Rexroth profile system. Length is specified by the customer from 60 mm to 6000 mm; packaging unit is 1 piece.

- 8 open slots allow versatile connections and fixings without additional machining
- 45 mm modular dimension ensures direct compatibility across the full Rexroth assembly system range
- Anodized aluminum surface (natural) provides corrosion resistance and a consistently clean appearance
- High bending stiffness: area moment of inertia $I_x = I_y = 299.8 \text{ cm}^4$, moment of resistance $W_x = W_y = 66.7 \text{ cm}^3$
- Flexible length selection from 60 mm to 6000 mm at time of ordering

TECHNICAL DATA

Property	Value
Cross-section	90x90 mm
Profile type	Standard

Property	Value
Profile slot	10 mm
Open slots	8
Modular dimension	45 mm
Length min.	60 mm
Length max.	6000 mm
Profile surface [A]	38.4 cm ²
Area moment of inertia [$I_x = I_y$]	299.8 cm ⁴
Moment of resistance [$W_x = W_y$]	66.7 cm ³
Torsional moment of inertia [I_t]	118.6 cm ⁴
Moment of torsion resistance [W_t]	26 cm ³
Mass [m]	10.4 kg/m
Material	Aluminum, anodized
Color	Natural
Packaging unit	1 piece
Recommended accessories	Cover cap 90x90 black, Cover cap 90x90 signal gray, Cover cap with hole 90x90 black, Cover cap with hole 90x90 signal gray