

Strebenprofil 30x30, Nut 8, 4 offene Nuten, Aluminium eloxiert, 1000 mm - Bosch Rexroth 3842990725-1000

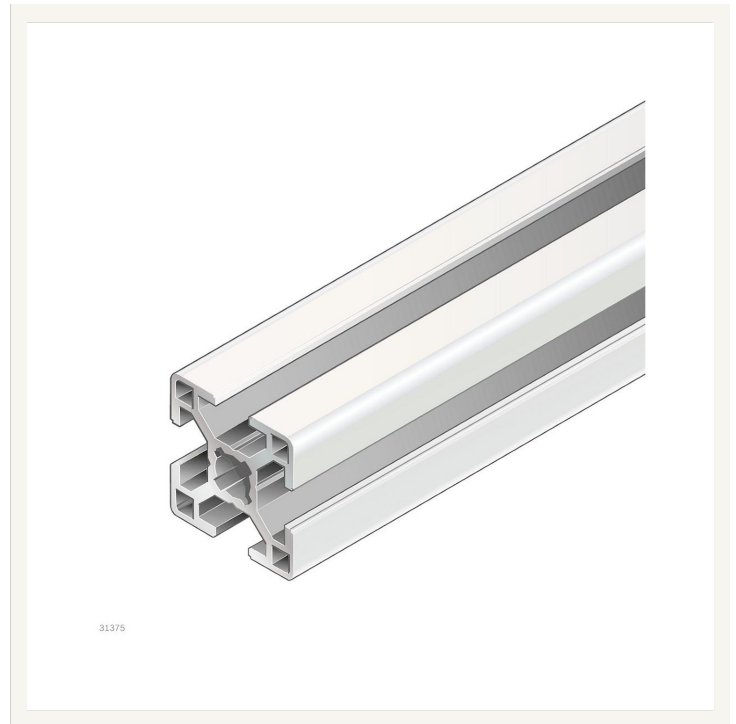
Item no. BRR-3842990725-1000

Manufacturer Bosch Rexroth

Anodized aluminum strut profile with 30x30 mm square cross-section and four open slots (slot width 8 mm) for the Bosch Rexroth Modular 30 assembly system. Supplied as a 1000 mm cut length, ready for direct use in machine frames, workstations, and conveyor structures. Compatible with cover caps 30x30 in black or signal gray.

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 strut profile 30x30 D11/D11 is a standard anodized aluminum profile on a 30 mm grid with four open slots (slot width 8 mm). It provides the structural backbone for machine frames, protective enclosures, workbenches, and conveyor systems within the Bosch Rexroth assembly technology platform. The symmetric cross-section geometry simplifies layout and assembly, as no preferred orientation needs to be observed.

- Four open slots (8 mm) on all four faces - unrestricted positioning of connectors, hinges, and attachments without re-orientation
- Equal area moments of inertia in both axes ($I_x = I_y = 2.8 \text{ cm}^4$) - uniform bending stiffness regardless of load direction
- Anodized aluminum surface - corrosion-resistant, wear-resistant, and visually clean for production and cleanroom environments
- Supplied at 1000 mm; custom cut lengths from 60 mm to 6000 mm available on request

TECHNICAL DATA

Property	Value
Cross-section	30 x 30 mm
Modular dimension	30 mm
Slot width	8 mm

Property	Value
Open slots	4
Profile type	Standard
Material	Aluminum, anodized
Color	Natural
Supplied length	1000 mm
Min / max length	60 mm / 6000 mm
Profile surface [A]	3.1 cm ²
Mass [m]	0.9 kg/m
Area moment of inertia $I_x = I_y$	2.8 cm ⁴
Moment of resistance $W_x = W_y$	1.8 cm ³
Torsional moment of inertia [It]	0.29 cm ⁴
Torsion resistance moment [Wt]	0.33 cm ³
Packaging unit	1 bar
Recommended accessories	Cover cap 30x30 black, Cover cap 30x30 signal gray, Cover cap with hole 30x30 black, Cover cap with hole 30x30 signal gray