

# Würfelverbinder 45/3 Set, 3-Abgang, ESD-fähig, Aluminiumdruckguss - Bosch Rexroth 3842549872

**Item no.** BRR-3842549872 **Manufacturer** Bosch Rexroth

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Three-way cubic connector for Bosch Rexroth 45x45 mm aluminum profiles (slot 10), joining three profiles at a single node in a rigid right-angle assembly. The diecast aluminum body creates a conductive connection between profiles, making it suitable for ESD-controlled environments. Set includes the cubic connector, cover cap D24 signal gray (PP), and 3x screw S12x30.

## TECHNICAL DATA

Article authenticity	<b>Original product</b>
Condition of article	<b>New</b>
Country of Manufacture	<b>Germany</b>
ESD-Ausführung	<b>ESD (antistatic)</b>
Weight	<b>0.215 kg</b>
Zolltarifnummer	<b>83024900</b>



## STANDARDS & COMPLIANCE

ESD safe

## DESCRIPTION

The Cubic Joint 45/3 connects three 45x45 mm aluminum profiles (slot 10) at a single corner node, enabling compact three-dimensional frame and structure assemblies within the Bosch Rexroth assembly technology system. The diecast aluminum body creates a conductive, ESD-compatible connection between profiles. Note: the PP cover caps included in the set are not ESD-compatible; for fully ESD-compliant installations, use the Cover Cap D24 black (PP) ordered separately.

- 3 outlets for three-dimensional corner joints without additional angle brackets
- Bending moment 1: 170 Nm - rigid enough for load-bearing structures
- Conductive ESD-compatible connection via diecast aluminum body
- Fastening material included: 3x screw S12x30 (steel, galvanized)
- Cover cap D24, signal gray (PP) included in set

## Technical data

Property	Value
Profile dimensions	45x45 mm
Profile slot	10
Number of outlets	3
Bending moment 1	170 Nm
Cubic connector material	Diecast aluminum
Fastening material	Steel, galvanized
Color	Signal gray
ESD	Yes (conductive connection; cover caps not ESD-compatible)
Fastening hardware	3x screw S12x30
Scope of delivery	Cubic connector, cover cap D24 signal gray (PP), 3x screw S12x30
Recommended accessory	Cover cap D24, black (PP)
Weight	0.215 kg