MADA TRUBOLT STUD ANCHOR

Technical Data Sheet

TDS-ACC-R32-Rev1 Trubolt Stud Anchor - July 2022

Product Description

Mada Trubolt Stud Anchor is a true-to-size, heavy duty, torque controlled expansion anchor, for permanent anchoring into concrete. The anti-rotation expansion three leg sleeve is designed to grip the sides of the hole distribute the sleeve on the whole core, preventing anchor rotation during installation.

Field of Application

Applicable in CMU walls, Solid concrete walls, concrete(slab, beams, columns, etc.).

Manufacturing Standards

Body : Cold formed steel, DIN 1654, part 2 or 4 / Zinc electroplated Zn5C/Fe (5 µm), NFA 91102, Sleeve : S355 MC as per NF EN 10- 149-2, Nut : Steel strength grade 6 or 8, ISO 898-2 & Washer : Steel, NF E 25513, 25514

Product Characteristics

Parameters	Details
Fixing Method	Through fixture
Coating	Galvanized
Setting Method	Torque controlled
Material	Cold Formed Steel
Supplier	SPIT or other equivalent approved by Mada
Maximum Shear Load	14.9 kN (C20/C25)
Maximum Tensile Load	9.1 kN (C20/C25)
Sizes (mm)	M6 x 55, M6 x 65, M8 x 65 and M8 x 95
Packing	100Pcs/Box and 50Pcs/Box

Handling and Storage

- The dimensions and weight of the packaging vary depending on the size. Consider load centers when loading trucks.
- Puncture resistant gloves and safety goggles should used when handling the product.
- Store in dry conditions.
- The products do not pose a fire hazard. However, the protective coating may be combustible and can emit hazardous fumes. Use suitable extinguishing means: water, foam, carbon dioxide or dry powder.

Installation Guidelines

- Torque controlled expansion anchor, installed by ammering the bolt through the fixture. Expansion clip profile ensures the anchor pregrips the hole surface prior to setting. Tightening the anchor pulls into the expansion sleeve expanding the clip and securing the fixture against the substrate.
- The products should not be used for purposes other than those shown on the Mada Technical Proposal.