

MADA DROP-IN ANCHOR

Technical Data Sheet

TDS-ACC-R33-Rev1 Drop-In Anchor - July 2022



Product Description

Mada Drop-In Anchor is an all-steel, medium duty, displacement setting, expansion anchor designed to provide a permanent anchorage point in concrete. Its internal thread allows it to be used with both machine bolts and threaded rod, placing no restrictions on fixture thickness. The anchor requires the use of the correct setting tool to ensure full expansion of the anchor body. The setting tool also acts as visual check for correct setting of the anchor. Mada Drop-In Anchor internal thread facilitates the use of machine bolts and threaded studs of any length, removing strictions of fixture thickness. The setting tool provides a visual expansion check for correct setting of the anchor.

Field of Application

Suspension anchor used in ceiling system.

Manufacturing Standards

Body stainless steel A4 X5 Cr Ni Mo 17-12-2, expansion cone stainless steel A4 X5 Cr Ni Mo 17-12-2.

Product Characteristics

Parameters	Details
Fixing Method	Fixture Aligned
Coating	Galvanized
Anchoring Method	Expansion
Material	Carbon Steel
Setting Method	Displacement
Supplier	SPIT or other equivalent approved by Mada
Maximum Shear Load	6.5 kN (C20/C25)
Maximum Tensile Load	5.2 kN (C20/C25)
Sizes (mm)	M6 x 25, M8 x 30 and M10 x 40
Packing	100Pcs/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

- Female, internally threaded, hammer set anchor. Flush fix design is preset by inserting into the drilled hole and hammering the internal expansion cone inside the body of the anchor using the setting tool.
- The products should not be used for purposes other than those shown on the Mada Technical Proposal.

