



SINCE 1967



CHEMICAL ANCHOR BOLTS

ALL MATERIAL & GRADE



CHEMICAL ANCHOR BOLTS

Chemical anchor bolts are used to bond a substrate, usually masonry and concrete, ideally suited for high load applications, and the perfect choice for close to edge fixing,

APPLICATIONS

- Provides for flexible embedment depths
- No setting tools required making it easy to install
- Can be used in concrete as well as masonry

APPROVED FOR

- Cracked/ Non cracked Concrete & Masonry
- Can be used along with a wide variety of adhesive chemical mortars

KEY TECHNICAL DETAILS

- Steel, Zinc Plated All Material
- 4.8 / 5.8 / 8.8 etc. Property Class
- We Manufacture Chemical Anchor All Size, lengths & Material!
- Special Lengths available on Request.

APPLICATIONS



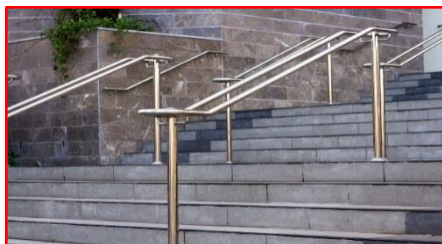
PIPELINE & MACHINES



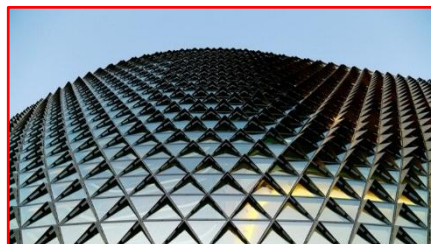
CABLE TRAYS



AWNINGS



HANDRAILS



FACADES



WOODEN CONSTRUCTION

Chemical Anchor Bolts/Studs

Chemical Anchor Bolts/Studs are used to connect structural and non-structural elements to the concrete. The connection is made by an assembling of different components such as: anchor bolts (also named fasteners), steel plates, stiffeners. Anchor bolts transfer different types of load: tension forces and shear forces. A connection between structural elements can be represented by steel column attached to reinforced concrete foundation. Whereas, a common case of non-structural element attached to a structural one is represented by the connection between a facade system and a reinforced concrete wall.

CAN CHEMICAL STUD (CCS)



- Studs in stainless steel and yellow zinc plated steel
- Heavy duty fixing without radial influence of expansion forces can be used close to edges
- Accurate drill depth is necessary.
- Fully loadable after the prescribed hardening-setting time

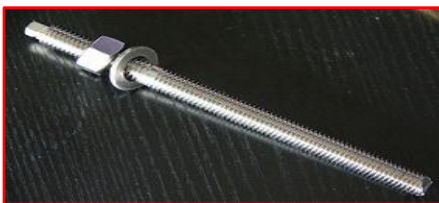


DIA. & LENGTH	MAX. THICKNESS FASTENED	HOLE SIZE(mm)
M8 X 110	20	10
M10 X 115	15	12
M10 X 130	30	12
M12 X 120	10	14
M12 X 160	35	14
M16 X 190	45	18
M20 X 260	65	25
M24 X 300	60	28
M30 X 380	70	35



CCS

1. Hex Head Chemical Anchor/Stud (SS / MS / HDG)



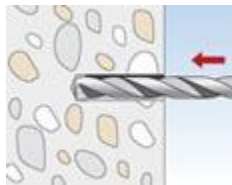
2. Round Head Chemical Anchor/Stud (SS / MS / HDG)



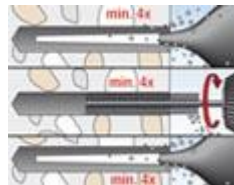
Chemical Resin Capsule

The 2-component resin capsule R M contains quick-setting styrene-free vinyl ester resin and hardener. The threaded rod CG M is set using a hammer drill and the accompanying setting tool in rotating and hitting motions.

During setting, the oblique edge of the CG M destroys the capsule, and mixes and activates the mortar. The mortar bonds the entire surface of the threaded rod with the drill hole wall and seals the drill hole.



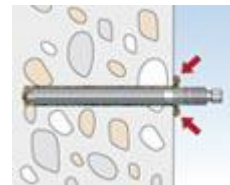
Type Art-No.



Drill hole diameter



Min. drill hole depth



Match





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CANCO
FASTENERS
Trusted Name In Quality Fixing System

Chemical Anchoring Systems for Secure Fixing into non-cracked Concrete

CAPSULE SIZES

M12 / M16 / M20 / M24 / M30

INSTALLATION

After drill and cleaning the hole, rotating the anchor rod breaks the capsule and mixes the components. After curing of the anchor rod is ready for loading.

FEATURES

- Economical, fast and easy installation.
- Fixing produces no expansion pressure.
- Ideal for installing anchors with reduced edge distances and reduced on-center spacings.
- Full application of torque ensure complete bonding.
- 2 year shelf life from date of manufacture.
- High quality, made in INDIA

APPLICATIONS

For fixing, where small edge distance do not allow expansion stresses and no immediate loading of the bolts is required. ideal for brackets, base plates, railings, steel construction, racking and machine anchoring.



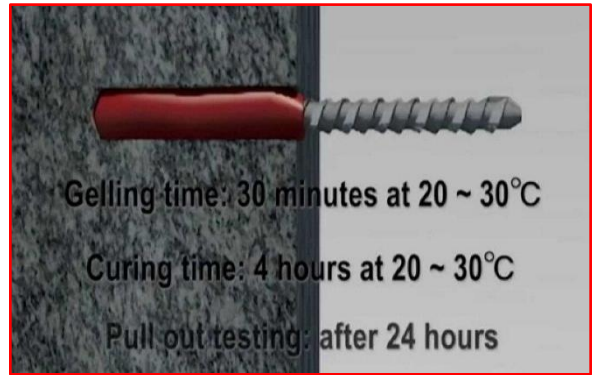


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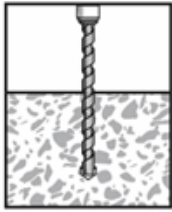


Chemical Anchor Cartridge

The Chemical Anchor Cartridge 360ml / 400ml / 650ml is the most popular resin cartridge system. The fast curing in tropical grade making it convenient to use in guard rails, staircase, machines, awnings, gate and any hollow blocks made from concrete, stone or solid sand-lime brick.



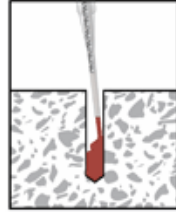
How to Install Chemical Anchor via Chemical Cartridge



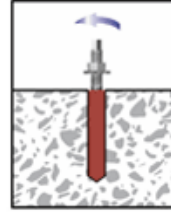
Drill a hole into the base material that suits the diameter and embedment depth of the Chemical stud anchor being used.



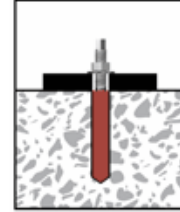
Blow out dust and loose materials, brush the hole and blow it out again.



Inject (mixed) adhesive into approx half the hole starting at bottom first into hole to suit type of Stud Anchor being used.



Insert Stud Anchor into hole and rotate by hand (flat-cut) or use hammer drill and drive bit for rotation of (hex-drive) style.



Allow recommended time for curing of adhesive and then apply load. Do not disturb Stud Anchor during curing process.

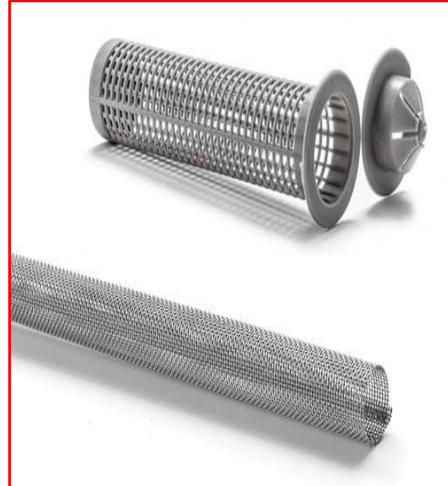
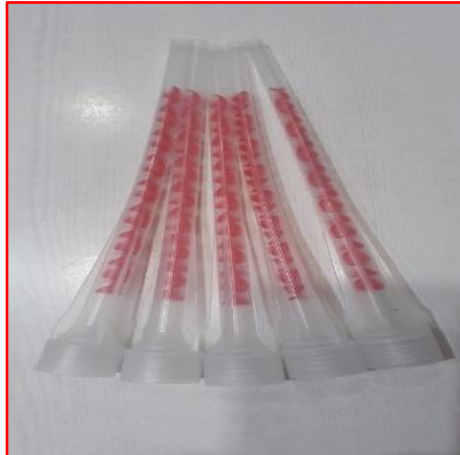


Mixing Nozzles

The 818 series static mixers are used to automatically mix two part adhesives during application. Can be used for 350ml, 400ml and 650ml cartridges, designed for mixing ratios 1:1 and 3:1. Mixers are made of High Grade polypropylene and disposable.

Specification

- Item No.: #818
- For 350ml / 400ml / 650ml cartridge





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Chemical Anchor Injection Caulking Tool

Chemical Anchor Injection Caulking Tool is a material used to seal joints or seams against leakage in various structures and piping.

The oldest form of caulk consisted of fibrous materials driven into the wedge-shaped seams between boards on wooden boats or ships. Cast iron sewerage pipe were formerly caulked in a similar way. Riveted seams in ships and boilers were formerly sealed by hammering the metal.

Modern caulking compounds are flexible sealing compounds used to close up gaps in buildings and other structures against water, air, dust, insects, or as a component in firestopping. In the tunnelling industry, caulking is the sealing of joints in segmental precast concrete tunnels, commonly by using concrete.





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CANCO FASTENERS

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Fixing Solution for Chemical Anchor