



INDO CONSTRUCTION FASTENING SYSTEMS

A brand of Indo Spark Group Since 1978



Anchor fasteners

Suitable for fastening in concrete

Indo Construction Fastening Systems

Indo Construction Fastening Systems (ICFS) is a 45 years company, having expertise and operations in the following three verticals:

- ICFS Anchor Fastening Systems
- Construction Services
- ICFS Anchor Designer

We have chemical and mechanical anchors usable for installing furniture, fixtures & structures at site. Based on the design load parameters, we even suggest correct type of chemical, diameter of anchor bolts, embedment depth and chemical consumption per hole.



Our story

«From an automotive workshop employing just 2 in 1978 to what we are today-a well-known, successful, respectable, leading business house in India.

It was indeed a long journey. A journey full of challenges, hardships, bottlenecks. But we came out intact and grew many folds - vertical and horizontal.

The best assets of ours, I think are our reputation for honesty, fair dealing, timely delivery and quality.

As I look back there are two main factors which made Indo Spark blossom. First is the wisdom and honesty of our chairperson Mr. Tilakchand Ingale along with his trust in the employees and second is the wholehearted, sincere, hard work put up by our employees – young and old including technicians and workmen.

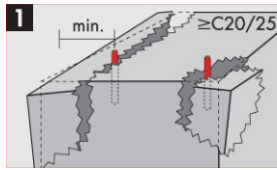
One thing is certain

We have never stopped growing.

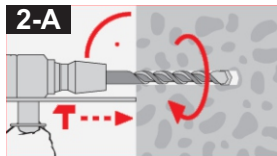
Sandeep Ingale, CEO Indo Spark Group

ICFS Chemical Mortar

Product Application guide



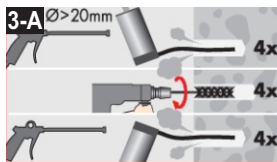
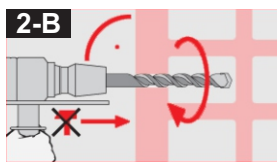
1 Base Material



2 - A, 2 - B

Drilling

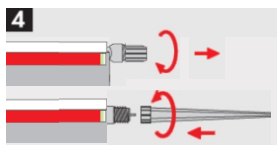
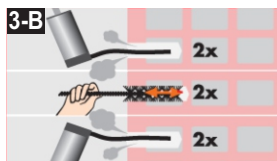
Drill correct hole size and depth on concrete / brick / stone / masonry.



3 - A, 3 - B

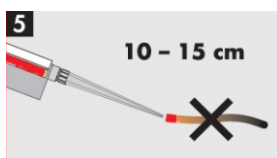
Hole cleaning

Blow out dust and clean the hole with brush, then blow out remaining dust and repeat.



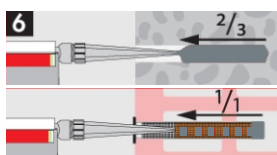
4 Mixing Nozzle

Remove the cap and put on the mixing nozzle.



5 Mixing Waste

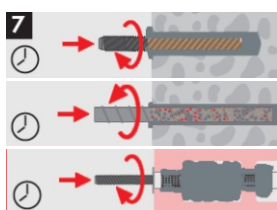
Extrude some resin to waste until an even-colored mixture is extruded, The cartridge is now ready for use.



6

Injecting

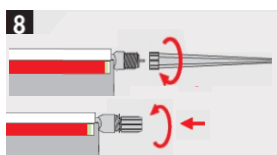
Inject mixed adhesives from the bottom of the hole.



7

Inserting, Hardening and Curing

Insert and rotate stud / bolt / anchor / rebar / threaded rods into the hole. For the curing and gelling time, please refer to our Technical Data Sheet. Do not touch until fully cured.

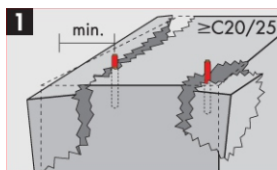


8

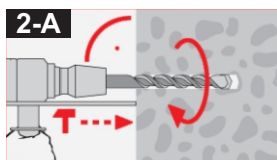
After removing the Mixing Nozzle, Refix the cap for reuse of chemical.

ICFS Mechanical Anchor Fasteners

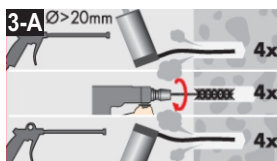
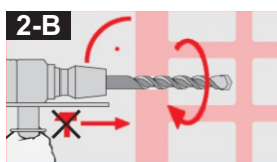
Product Application guide



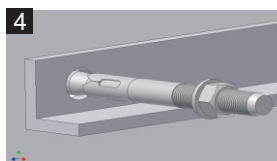
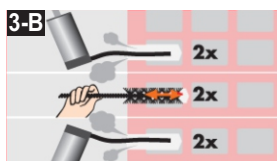
1
Base Material



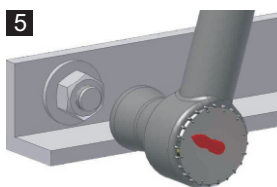
2 - A, 2 - B
Drilling
Drill correct hole size and depth on concrete



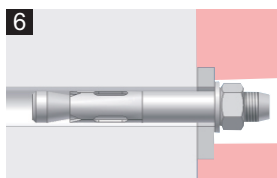
3 - A, 3 - B
Hole cleaning
Blow out dust and clean the hole with brush, then blow out remaining dust and repeat.



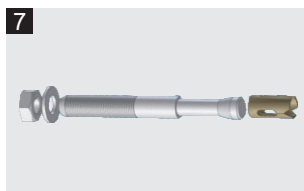
4
Fixing Mechanical Anchor



5
Tightening to specified torque



6
Installation



7
After Installation

Mechanical Anchor Product Description

Drop in Anchor DIA



Description

The Drop in Anchor DIA is internally threaded to offer a suitable fixing in conjunction with all standard types of metric bolts, et screw and studding. The drop in anchor DIA creating, permanent and reusable internal thread in the base material. After inserting the drop in Anchor.

Range: M6 x 25 to M20 x 80

Product code	Over All Size (mm)	Overall lenght (mm)	Package content
DIA0625	06-20	08-25	50

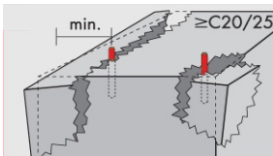
Features

- Flush surface finish means fixtures can be relocated easily material
- Versatile, Usable with standard metric bolts sets, screws or studding
- Quick and easy to install
- No thread damage when hammering the Drop in Anchor into the drilled hole
- Stainless steel version available for corrosive environments
- No flared end for easy setting in greater depth
- Allows for shallow embedment without sacrificing performance
- Hammer set anchor with internal thread for propositioned installation
- Suitable for all screws or studs with metric threads

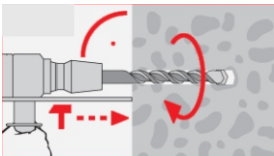
Application

- For use with bolts or threaded rods
- Fastening diamond core drilling rigs / base plates
- Pipes and sprinkler systems
- Steel constructions
- Cable trays
- Suspended from ceiling

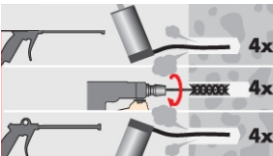
Product Application guide



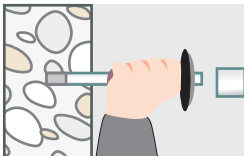
Base Material



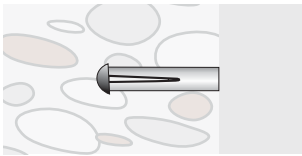
Drilling



Hole Cleaning



Hammer



Fixing

Accessories

Blow out pump BP



Hand Operated
Material: ABS

Description

The hand operated blow out pump BP is for drill hole cleaning prior to anchor installation.

Important Note:

Performance based on clean holes;
HAMMER DRILLED - blown and then brushed with a still metal brush & blown again.

Product code	Overall length (mm)	Package content
BP280	280	1

Dispenser DM 350



350ml side by side 10 :1 ratio
cartridge

Material: Steel body & mechanism

Description

The professional dispenser DM350 for use with chemical mortar cartridges.

Dispensers are also available suitable for 400ml 1:1 cartridge, 410ml cartridge and 585ml 3:1 cartridge

Product code	Overall length (mm)	Package content
DM350	350	1

Chemical Mixer Nozzle



Variant: CM350 / CM585PE

Material: Plastic

Description

Mixer Nozzle used with ICFS resin cartridges.

Chemical mixer nozzle can also be used with other brand chemical cartridges

Cleaning brush CB



Variant: Hand Operated

Material: Steel body & head

Description

Wire brush CB is for thorough cleaning and hole preparation.

Product code	Lengh (mm)	Overall lenght (mm)	Package content
CB0816	13	8-16	1

Our Clientele



Online Presences





A brand of Indo Spark Group Since 1978

CHANNEL PARTNER



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