

ANCHOR TECHNOLOGY

ChemSet™ Hammer Capsules



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ChemSet™ Hammer Capsules are a chemical anchor based on epoxy acrylate. No measuring, no mixing, no mess.

Product Advantages

- On smaller projects more convenient than using a cartridge system
- Styrene free methacrylate resin
- Low viscosity, epoxy acrylate adhesive
- Suitable for reduced anchor spacing and edge distances
- Ideal for installation in wet or damp conditions
- Vibration resistant

Substrates

- Concrete
- Solid block

Specification

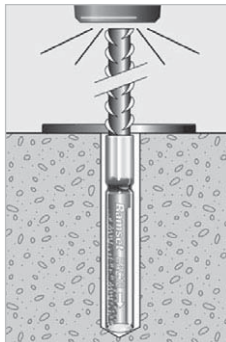
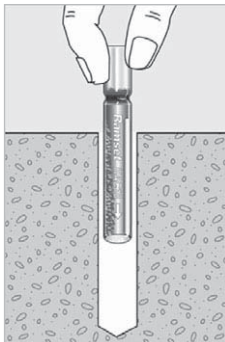
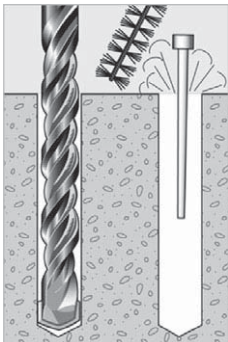
ChemSet™ Hammer Capsule is a medium duty, peroxide initiated capsule anchor

Applications



- Starter bars
- Structural fixings
- Re-bar installation
- Fixing to corrosive environments
- Machinery anchoring

Installation



1. Drill correct diameter hole to recommended depth.
2. Clean hole thoroughly with brush and air pump twice.
3. Insert capsule.
4. Drive down stud until the depth mark meets the concrete surface.
5. After cure time, tighten bolt with torque wrench to recommended torque.

Product Range - ChemSet™ Hammer Capsules

Part No.	Description	Diameter	Capsule Length (mm)	Hole Diameter Ø (mm)	Hole Depth (mm)	Order Qty
8A-HAC0-8VVV	HAC08 Hammer Capsules	M8	80	10	80	10
8A-HAC1-0VVV	HAC10 Hammer Capsules	M10	90	12	90	10
8A-HAC1-2VVV	HAC12 Hammer Capsules	M12	110	14	110	10
8A-HAC1-6VVV	HAC16 Hammer Capsules	M16	125	18	125	10
8A-HAC2-0VVV	HAC20 Hammer Capsules	M20	170	25	170	10
8A-HAC2-4VVV	HAC24 Hammer Capsules	M24	210	28	210	10
8A-HAC3-0VVV	HAC30 Hammer Capsules	M30	280	35	280	5

ChemSet™ Hammer Capsules - Indicative Design Loads in Concrete - Chemset™ Anchor Studs

Thread Ø	Hole Ø (mm)	Embedment Depth (mm)	Torque (Nm)	Anchor Spacing (mm)	Edge Distance (mm)	Shear Load (kN)*	Tension Load (kN)*
M8	10	80	10	160	80	9.5	7.4
M10	12	90	20	180	90	15.0	11.1
M12	14	110	30	220	110	21.9	15.6
M16	18	125	60	250	125	39.2	26.7
M20	25	170	120	340	170	61.2	46.4
M24	28	210	200	450	210	88.1	62.3
M30	35	280	400	560	280	130.5	97.4

Indicative design load (kN) with ChemSet™ Grade 5.8 Studs in 30N/mm² concrete

* Refer to Ramset Design Guide for more information or explanation of technical data

ChemSet™ Hammer Capsules - Indicative Design Loads in Concrete - Rebar (FE460) with 1 Capsule

Bar Ø	Hole Ø (mm)	Embedment Depth (mm)	Anchor Spacing (mm)	Edge Distance (mm)	Shear Load (kN)*	Tension Load (kN)*
T8	10	80	160	80	11.1	8.1
T10	13	100	200	100	17.3	14.2
T12	15	120	240	120	25.0	18.3
T13	16	130	260	130	29.3	21.1
T16	20	160	320	160	44.4	32.5
T20	25	200	400	200	69.4	50.8
T25	30	250	500	250	108.4	76.2
T32	40	320	640	320	177.6	123.5

Indicative design load (kN) with FE460 Rebar in 30N/mm² concrete

* Refer to Ramset Design Guide for more information or explanation of technical data