

ANCHORING ADHESIVES

Accessories

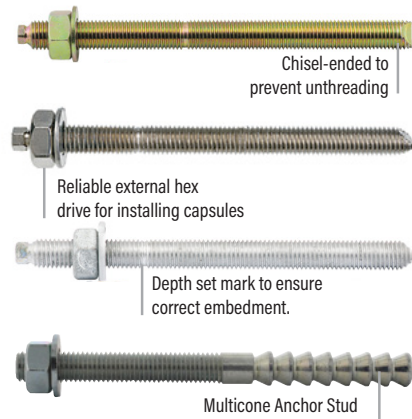
Performance Related	Material	Installation Related

ChemSet™ Stud Anchors

ChemSet™ Anchor Studs are made from quality Grade 5.8 carbon steel to get the most out of adhesive tensile capacities and provide higher shear capacities than regular Grade 4.6 grade studs. For use with all ChemSet™ anchoring products, capsules and injection adhesives.

Standards and Approvals

- High performance Grade 5.8 carbon steel
- Hot dip galvanised to AS/NZS 4680 and AS/NZS 1214
- AISI 316 stainless steel for coastal applications
- Pre-cut to standard chemical anchoring lengths



Product Codes & Specifications

ChemSet™ Anchor Studs

Thread Size	Description	Zn	GAL	A4 316
		ZINC	Galvanised	Stainless Steel 316
M8	ChemSet™ Anchor Stud M10 x 130	-	CS08110GH	CS08110SS
M10	ChemSet™ Anchor Stud M10 x 130	-	CS10130GH	CS10130SS
M12	ChemSet™ Anchor Stud M12 x 160	CS12160	CS12160GH	CS12160SS
M16	ChemSet™ Anchor Stud M16 x 190	CS16190	CS16190GH	CS16190SS
M20	ChemSet™ Anchor Stud M20 x 260	CS20260	CS20260GH	CS20260SS
M24	ChemSet™ Anchor Stud M24 x 300	CS24300	CS24300GH	CS24300SS

Principal Applications

- Structural anchoring into concrete
- Civil / infrastructure applications
- Seismic strengthening / refurbishment
- Bridge refurbishment
- Over-head fixings
- Safety barrier/handrail/balustrade installation
- Hold down applications

Other sizes and steel types available on request. *Special order

ChemSet™ Anchor Studs - Typical Properties

Thread Size	Overall Length, L (mm)	Effective Length, L _e (mm)	Max Fixture Thickness, t (mm)	Carbon Steel		Stainless Steel		Section Modulus, Z (mm ³)
				Yield Strength, f _y (MPa)	Carbon Steel UTS, f _u (MPa)	Yield Strength, f _y (MPa)	Stainless Steel UTS, f _u (MPa)	
M8	110	95	15	430	540	450	650	31.2
M10	130	115	25	430	540	450	650	62.3
M12	160	140	30	430	540	450	650	109.2
M16	190	165	40	420	520	450	650	277.5
M20	260	225	80	420	520	450	650	540.9
M24	300	265	105	420	520	450	650	935.5