

Specifically engineered for exceptional performance in light gauge steel frame assembly, with resistance to loosening, and high connection loads.



Main Applications

- Transportable, Modular buildings, or pre-fabricated steel framing that will be transported long distances.
- Sharp Point version suitable for pre-holes steel 0.55mm to 1.15mm
- Drill Point version suitable for non pre-hole steel 0.55mm to 2.00mm

Features and Benefits

- **Asymmetric** thread cross-section: (FASTITE® Only) Provides superior resistance to vibrational loosening during transport, without increasing installation torque requirements.
- **Torx® TTAP® Drive** Reduces need to push down on driver tool while installing screws, reduced 'cam-out' and greater stability when using high driver speeds.
- **Sharp Point (SP)** screw aligns pre-punched frames during assembly ensuring 100% accurate framing.
- **Twin Helix Thread:** provides double thread engagement, increased stability and quicker installation in thin steel down to 0.55mm thick.
- **Underhead serrations** and tight threads work together to reduce the possibility of 'strip-out' of steel substrate and resist vibrational loosening during transportation.
- **FRAMECAD® E-Coat®** provides superior protection against corrosion and ensures smooth screw penetration.
- **Compatible with Superdrive®** Collated screw driving system for the ultimate in assembly speed and zero waste.
- **Undercut head** Absorbs material extruded by the screw and increases the underhead contact area to increase resistance to stripping

Compliance and Manufacturing

ISO 9001

Provides guidance and tools for quality management systems within manufacturing facilities.

SAE J78: Steel Self-Drilling Tapping Screws

Specifies the mechanical and performance requirements and dimensional specifications for carbon steel self drilling screws.

ASTM F1137-00: Standard Specification for Organic Corrosion Protection for Fasteners

Specifies the basic requirements and test methods for four grades of corrosion protection for fasteners

ASTM B117:- Standard Practice for Operating Salt Spray (Fog) Apparatus

Test method used to independently test the corrosion resistance performance of the FRAMECAD® E-coat®.



Contact us at www.framecad.com

Installation Guidelines:

- Use quality brand impact driver or screw gun. Suggested screwgun specification for optimal performance :4 amps minimum and RPM range of 1,800 to 2,500.
- The screw is fully seated when the bearing surface meets with the work surface. Continuing to drive the fastener after it has fully seated may cause the hole material around the thread to fail, which may leave the fastener loose in the work surface. For ideal results, it is recommended to stop driving when the fastener is fully seated.

Code: 309880



Code: 308333



Code: 308977



SPECIFICATIONS			
Item Code	309880	308333	308977
Type	FASTITE®	FASTITE®	Twin-Helix
Thread Size	M6	M6	M6
Head Type	Flat	Flat	Flat
Tip Type	Sharp Point	Sharp Point	Drill Point
Recommended Hole Dia.	5.0mm	5.0mm	N/A
Drive Type	Phillips #3	TTAP	TTAP
TPI (Threads per inch)	14 Per Helix	14 Per Helix	14 Per Helix
Thread Length (mm)	17mm	14mm	19mm
Colour	Green	Green	Green
Coating Class AS3566.2 2002	Class 3	Class 3	Class 3
Speed Recommendation (RPM)	2500	2500	2500
Salt Spray Results (hours) ASTM B117	1000	1000	1000



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