

# FRAMECAD® Dualthread Framer

Specifically engineered to help businesses reach optimum production rates.

The FRAMECAD® Dualthread Framer was developed to satisfy the specific requirements of high volume transportables factories, modular home builders and large scale single level social housing projects.

These industries demand high speed, easy to drive, economical frame assembly screws suitable for steel frame thicknesses down to 0.55mm (24g)



## Main Applications

- Designed for the assembly of cold formed steel framing down to 0.55mm (24g) thickness.
- Dualthread design offers superior performance in
- Dualthread Framer DP is available for steel thicknesses up to 1.15mm (18g).
- 12g DualThread Framer DP is available for higher strength connections or for steel framing up to 1.55mm (16g).

## Features and Benefits

- **Square Drive** recess delivers increase stability and higher torque without requiring additional pressure while driving reducing worker fatigue.
- **StickFit Square Drive** allows one handed operation to increase speed and reduce screw 'loss'.
- **Sharp Point (SP)** screw aligns pre-punched frames during assembly ensuring 100% accurate framing.
- **Dualthread configuration:** wider starting threads offer high speed driving and tight finishing threads ensure secure connections even down to 0.55mm thick steel.
- **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.

## 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®.

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## Installation Guidelines

Aligned pre-punched holes prior to driving screws

Use dedicated Impact Drivers are used. Suggested specification for optimal performance: 4 amps minimum and RPM range of 0 to 2,500

NOTE: When using impact drivers care should be taken not to overdrive screws at the seating stage resulting in fastener thread or head failure, or strip out of the work surface. The head is fully seated when the head is flush with the work surface.

The fastener penetrates beyond the metal by a minimum of three thread pitches.



## Fastener Mechanical Properties

SPECIFICATIONS				
Item Code	002589 (Loose) 003155 (Collated)	308237 (Loose) 308238 (Collated)	003012 (Loose) 308332 (Collated)	308239 (Loose) 308240 (Collated)
Gauge	10 (4.8mm)	10 (4.8mm)	10 (4.8mm)	10 (4.8mm)
Tip Type	Sharp Point (SP)	Sharp Point (SP)	Drill Point (DP)	Drill Point(DP)
Drive Type	Square #2	Square #2	Square #2	Square #2
TPI	20 & 16	20 & 16	20 & 16	20 & 16
Length (mm)	16mm (5/8")	16mm (5/8")	22mm (3/4")	22mm (3/4")
Colour	Green	Yellow or Silver	Green	Yellow or Silver
Speed Recommendation (RPM)	2500	2500	2500	2500
Salt Spray Results (hours) ASTM B117	1000	48	1000	48

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