

FRAMECAD® Shear Bolt Connector

Specifically engineered to help businesses reach optimum production rates.

The FRAMECAD® Shear Bolt Connector has been developed for effective fixing of poured concrete slabs to structural steel supports while negating the need for stud welding.

Once the FRAMECAD® Shear Bolt Connector has been installed, the concrete may be poured into position to form a secured cast-in-place floor.



Main Application

- Installing steel-concrete composite flooring with ease.



Concrete floor. 50mm C20 / C25

FRAMECAD® Shear Bolt Connector installed before concrete floor is poured

Roll formed steel decking tray

Features and Benefits

- **Reduces noise throughout floor assembly**
- **Ensures composite action throughout floor assembly**
- **Reduces build costs** by eliminating the need for steel mesh reinforcement
- **Drill Point (DP)** for penetration of up to 6.35mm steel, eliminating the need to weld in place.
- **Stop Ring** Designed to stop the screw when hex head is at the optimum height from the load bearing surface during installation. This position is ideal for strong engagement with poured concrete.
- **Ruspert® Coating** provides superior protection against corrosion and ensures smooth installation

Compliance and Manufacturing

ISO 9001

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

SAE J78: Steel Self-Drilling Tapping fasteners

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



Contact us at www.framecad.com

Installation Guidelines:

- Use a quality power screw driver that meets suggested specification of 4 amps minimum and RPM range of 1,000 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.
- Compatible with Magnetic Hex Driver (nut-setter). Item code 307163
- May be screwed into steel 0.75mm - 6.35mm
- For easier placement, try to keep installation driver perpendicular (at 90 degrees) to the work surface.

Code: 308195



SPECIFICATIONS	
Item Code	308195
Thread Gauge & length	14g x 15mm
TPI (Threads per inch)	14
Thread Length (mm)	14mm
Installed head height from work surface	35mm
Head Type	3/8" Hex Washer
Drill Point Type, (Max steel thickness)	#4, (6.30mm)
Recommended Driver Speed (RPM)	2,500
Coating Colour	Green
Coating Class AS3566.2 2002	Class 3
Salt Spray Results (hours) ASTM B117	1,000
Kesternich Cycles Passed	15

Customised designs are available upon consultation with your FRAMECAD sales professional.



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