

# For Heavy-Duty Mass Timber and Laminated Timber Reinforcement



## Fully threaded, countersinking cylinder-head structural screw

Introducing the Strong-Drive SDCFC Timber-CFC screw (CFC — Countersunk, Fully Threaded, Cylinder Head) — a robust structural fastener now available in a variety of lengths and designed for mass timber construction and general interior applications. These sturdy 0.390"-diameter (10 mm) structural fasteners have strength for demanding applications involving large-sized structural members. The compact cylinder head countersinks and is minimally visible. The fully threaded screw, is designed for fast starts and superior withdrawal resistance. The yellow zinc coating designates that the SDCFC screws are designed for interior and dry applications.

### Applications

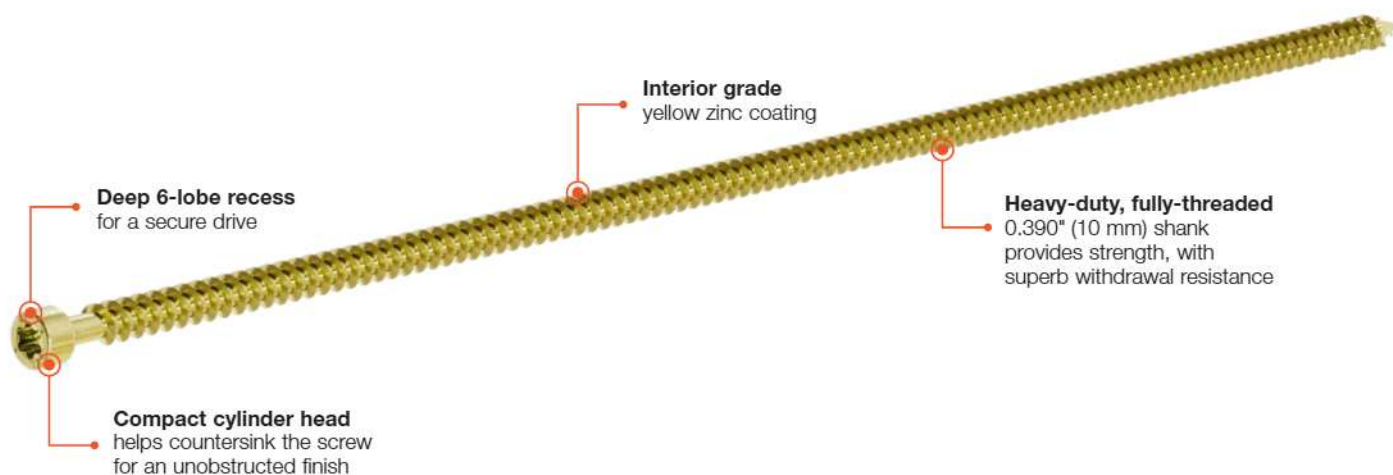
Available in 500 mm (19½") to 1,000 mm (39½") lengths, ideal for:

- Beam Reinforcement
- Splitting Reinforcement
- Repair of Checked or Cracked Timber

**Codes/Standards:** ICC-ES ESR-3046



### Features



#### Available in:

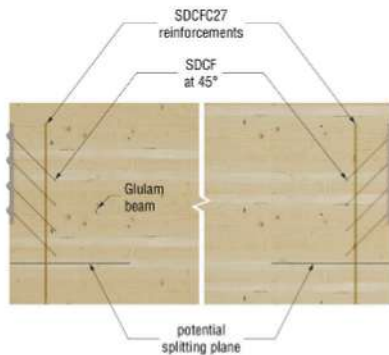
500 mm (19½"), 600 mm (23½"),  
800 mm (31½"), 1,000 mm (39½") lengths

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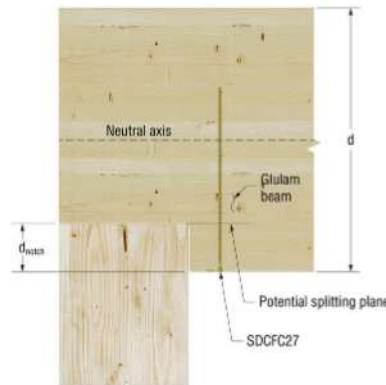


### Where superior strength and withdrawal resistance are critical

The Strong-Drive SDCFC Timber-CFC heavy-duty structural fastener: Its fully-threaded shank and cylinder head make this fastener the ideal choice for use in mass timber applications where excellent withdrawal resistance and ease of installation into mass timber structures with a countersunk finish are in demand. It is recommended that SDCFC fasteners are installed with drill motors. Predrilling is recommended for 800 mm (31½") and 1,000 mm (39½") SDCFC screws. Engineering properties such as bending yield strength, screw tensile strength and withdrawal resistance are in ESR-3046.



End-grain Connection Splitting Plane Reinforcement



Notched Beam Reinforcement

### Strong-Drive SDCFC TIMBER-CFC Screw Product Information



#### Yellow Zinc Coating

| Model No.   | Dimensions    |            |               |           |               |            |               |           | Box Packaging SKU | Fasteners per Box |
|-------------|---------------|------------|---------------|-----------|---------------|------------|---------------|-----------|-------------------|-------------------|
|             | Inches        |            |               |           | Millimeters   |            |               |           |                   |                   |
|             | O.D. x Length | Shank Dia. | Thread Length | Head Dia. | O.D. x Length | Shank Dia. | Thread Length | Head Dia. |                   |                   |
| SDCFC271958 | 0.390 x 19%   | 0.290      | 18%           | 0.525     | 10 x 500      | 7.4        | 467           | 13.4      | SDCFC271958       | 50                |
| SDCFC272358 | 0.390 x 23%   | 0.290      | 22¼           | 0.525     | 10 x 600      | 7.4        | 567           | 13.4      | SDCFC272358       | 50                |
| SDCFC273112 | 0.390 x 31½   | 0.290      | 30%           | 0.525     | 10 x 800      | 7.4        | 767           | 13.4      | SDCFC273112       | 50                |
| SDCFC273938 | 0.390 x 39%   | 0.290      | 38            | 0.525     | 10 x 1,000    | 7.4        | 967           | 13.4      | SDCFC273938       | 50                |

O.D.: Denotes outer thread diameter.

Replacement bit part number: BIT50T-2-R1

**Warning:** Industry studies show that hardened fasteners can experience performance problems in wet and corrosive environments. Accordingly, use this product in dry, interior and noncorrosive environments only.