

# Engineered Strength for Mass Timber Connections

## Now in Black E-Coat Finish

**Fully threaded with countersunk head — great withdrawal resistance with a flush finish**

Introducing the newly redesigned 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 8 mm (0.315") and 10 mm (0.390") diameter structural fasteners have strength for demanding applications involving large structural members. A fully-threaded shank provides withdrawal resistance, and its compact cylinder head creates a clean finish when left exposed, or a concealed finish when the head is driven below the wood surface and plugged. Its SawTooth® point technology ensures fast starts, reducing installation torque and eliminating the need for predrilling in most applications. The black e-coat finish enhances aesthetics and, along with the optimized hardness profile, helps to mitigate risk of brittle fracture for reliable, long-term performance. Available in a wide range of lengths and diameters, the Strong-Drive SDCFC Timber-CFC fastener is widely available and backed by our expert service and support.

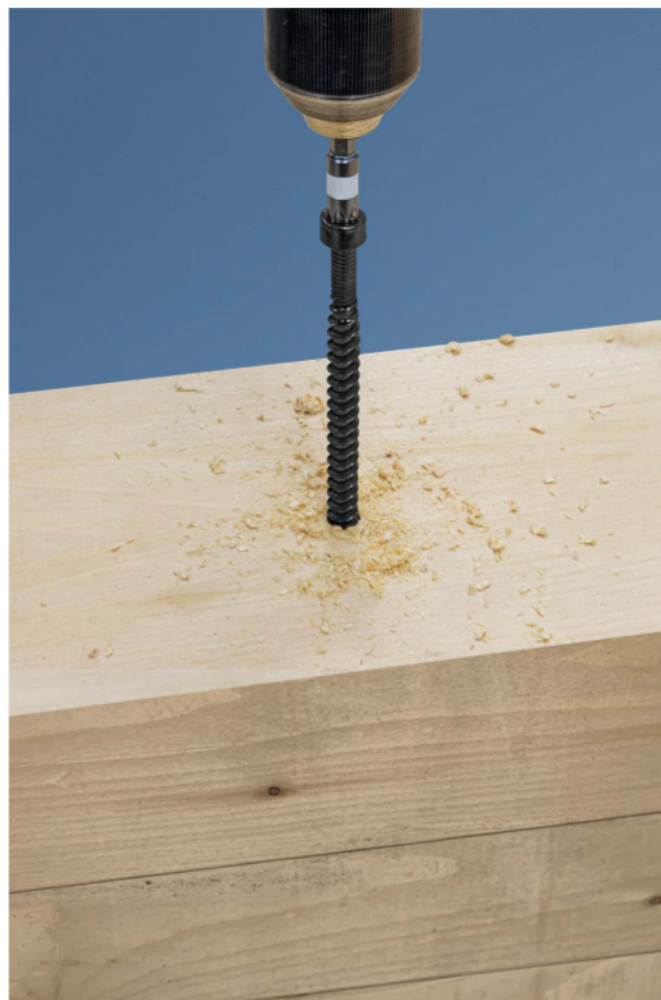
## Applications

- Beam reinforcement
- Wood-to-wood connections
- Repair of checked or split timber

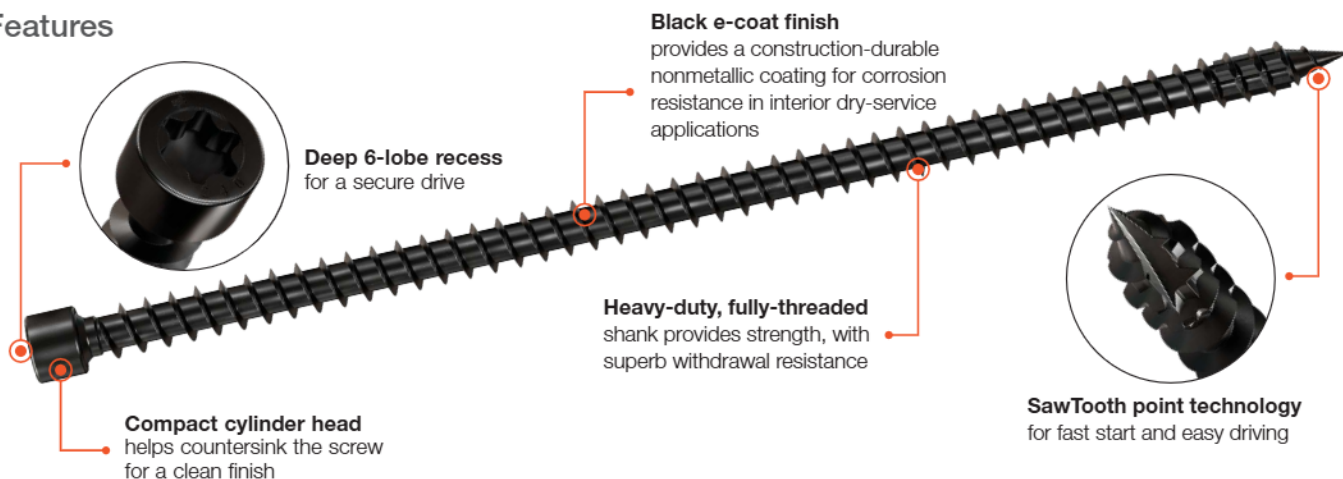
**Codes/Standards:** ICC-ES ESR-3046 approved

Compliant with CSA O86:24 requirements

For more information on Hydrogen Embrittlement, see TEB-F-SCRWDUR25



## Features



Available in:

**8 mm** (0.315") x 120 mm (4¾")  
to 580 mm (22⅞") lengths

**10 mm** (0.390") x 240 mm (9½")  
to 1,000 mm (39⅜") lengths

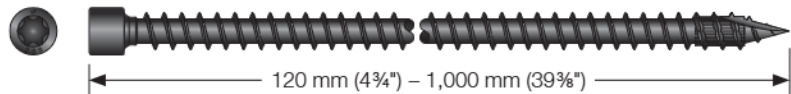
1. The diameters listed represent the major diameter of the Strong-Drive SDCFC Timber-CF screw.

**Compliant with CSA O86:24  
hydrogen embrittlement requirements**

## Engineered Strength for Mass Timber Connections

### 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 high withdrawal resistance and ease of installation into mass timber structures with a countersunk finish are in demand. Refer to L-F-MTINSTALL for installation recommendations.



Black E-coat

| Model No.    | Dimensions  |            |               |           |                |            |               |           | Mini-Bulk Packaging SKU | Mini-Bulk Fasteners per Pack | Box Packaging SKU | Fasteners per Box |
|--------------|-------------|------------|---------------|-----------|----------------|------------|---------------|-----------|-------------------------|------------------------------|-------------------|-------------------|
|              | OD x Length | Shank Dia. | Thread Length | Head Dia. | OD x Length    | Shank Dia. | Thread Length | Head Dia. |                         |                              |                   |                   |
| SDCFC8X120   | 8 x 120     | 5.9        | 110           | 10.2      | 0.315 x 4 3/4  | 0.230      | 4 3/4         | 0.400     | SDCFC8X120-R50          | 50                           | SDCFC8X120        | 250               |
| SDCFC8X160   | 8 x 160     | 5.9        | 150           | 10.2      | 0.315 x 6 1/4  | 0.230      | 5 7/8         | 0.400     | SDCFC8X160-R50          | 50                           | SDCFC8X160        | 250               |
| SDCFC8X200   | 8 x 200     | 5.9        | 190           | 10.2      | 0.315 x 7 7/8  | 0.230      | 7 1/2         | 0.400     | SDCFC8X200-R50          | 50                           | SDCFC8X200        | 250               |
| SDCFC8X240   | 8 x 240     | 5.9        | 230           | 10.2      | 0.315 x 9 1/2  | 0.230      | 9             | 0.400     | SDCFC8X240-R50          | 50                           | SDCFC8X240        | 250               |
| SDCFC8X280   | 8 x 280     | 5.9        | 270           | 10.2      | 0.315 x 11     | 0.230      | 10 5/8        | 0.400     | SDCFC8X280-R30          | 30                           | SDCFC8X280        | 250               |
| SDCFC8X330   | 8 x 330     | 5.9        | 320           | 10.2      | 0.315 x 13     | 0.230      | 12 5/8        | 0.400     | SDCFC8X330-R30          | 30                           | SDCFC8X330        | 200               |
| SDCFC8X350   | 8 x 350     | 5.9        | 340           | 10.2      | 0.315 x 13 3/4 | 0.230      | 13 3/8        | 0.400     | SDCFC8X350-R30          | 30                           | SDCFC8X350        | 200               |
| SDCFC8X380   | 8 x 380     | 5.9        | 370           | 10.2      | 0.315 x 15     | 0.230      | 14 1/4        | 0.400     | SDCFC8X380-R30          | 30                           | SDCFC8X380        | 200               |
| SDCFC8X430   | 8 x 430     | 5.9        | 407           | 10.2      | 0.315 x 17     | 0.230      | 16            | 0.400     | SDCFC8X430-R25          | 25                           | SDCFC8X430        | 150               |
| SDCFC8X580   | 8 x 580     | 5.9        | 557           | 10.2      | 0.315 x 22 7/8 | 0.230      | 21 7/8        | 0.400     | SDCFC8X580-R25          | 25                           | SDCFC8X580        | 100               |
| SDCFC10X240  | 10 x 240    | 7.1        | 228           | 13.4      | 0.390 x 9 1/2  | 0.290      | 9             | 0.528     | SDCFC10X240-R25         | 25                           | SDCFC10X240       | 250               |
| SDCFC10X300  | 10 x 300    | 7.1        | 288           | 13.4      | 0.390 x 11 3/4 | 0.290      | 11 5/8        | 0.528     | SDCFC10X300-R25         | 25                           | SDCFC10X300       | 150               |
| SDCFC10X320  | 10 x 320    | 7.1        | 308           | 13.4      | 0.390 x 12 1/2 | 0.290      | 12 1/4        | 0.528     | SDCFC10X320-R25         | 25                           | SDCFC10X320       | 150               |
| SDCFC10X380  | 10 x 380    | 7.1        | 368           | 13.4      | 0.390 x 15     | 0.290      | 14 1/2        | 0.528     | SDCFC10X380-R25         | 25                           | SDCFC10X380       | 150               |
| SDCFC10X500  | 10 x 500    | 7.1        | 476           | 13.4      | 0.390 x 19 5/8 | 0.290      | 18 3/4        | 0.528     | —                       | —                            | SDCFC10X500       | 50                |
| SDCFC10X600  | 10 x 600    | 7.1        | 576           | 13.4      | 0.390 x 23 3/8 | 0.290      | 22 1/4        | 0.528     | —                       | —                            | SDCFC10X600       | 50                |
| SDCFC10X800  | 10 x 800    | 7.1        | 776           | 13.4      | 0.390 x 31 1/2 | 0.290      | 30 1/2        | 0.528     | —                       | —                            | SDCFC10X800       | 50                |
| SDCFC10X1000 | 10 x 1,000  | 7.1        | 976           | 13.4      | 0.390 x 39 3/8 | 0.290      | 38 3/8        | 0.528     | —                       | —                            | SDCFC10X1000      | 50                |

1. OD denotes outer thread diameter.

2. 6-lobe driver bit sizes: T40 for all 8 mm (0.315") diameter fasteners; T50 for all 10 mm (0.390") diameter fasteners.

Replacement bit part number: BIT40T-134-R2; 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.