

## Partial threading and countersinking flat head pull members together with a flush finish.

**SIMPSON**

**Strong-Tie®**

### In a wide variety of lengths, it's a mass timber workhorse.

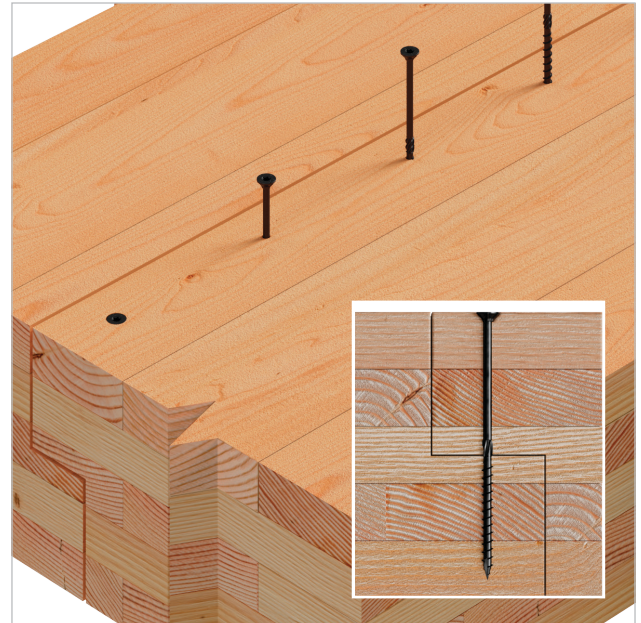
The Strong-Drive SDCP Timber-CP screw is now a black e-coated structural fastener that delivers longstanding performance in cross-laminated timber (CLT), mass timber construction and general interior applications. These partially threaded, 8 mm (0.315")- and 10 mm (0.390")-diameter\* structural fasteners are designed to pull structural members together with superb holding power and excellent load capacity. The large, flat head and underhead nibs provide for clean countersinking, flush with the surface. Predrilling is not required in most applications. The SDCP fastener has a black, interior-grade e-coat finish that, along with an optimized hardness profile compliant with CSA O86:24, helps mitigate the risk of brittle fracture. This low-friction coating allows for driving these fasteners with less torque. For interior and dry-service applications.

### Applications

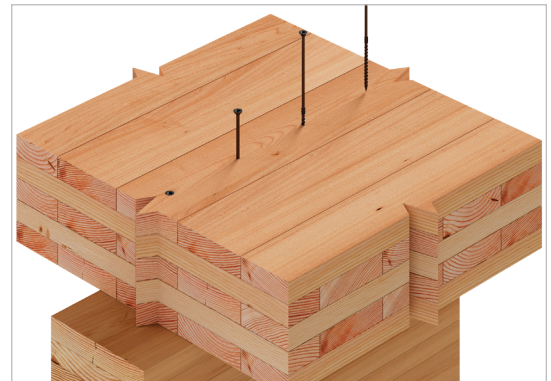
CLT Wall-to-Wall, Floor-to-Floor, Panel-to-Beam, Panel-to-Wall, Surface Spline, Lap Joint and Ledger Connections; General Timber Framing

**Codes/Standards:** ICC-ES ESR-3046;  
Compliant with CSA O86:24 requirements

For more information on Hydrogen Embrittlement, see  
TEB-F-SCRWDUR.

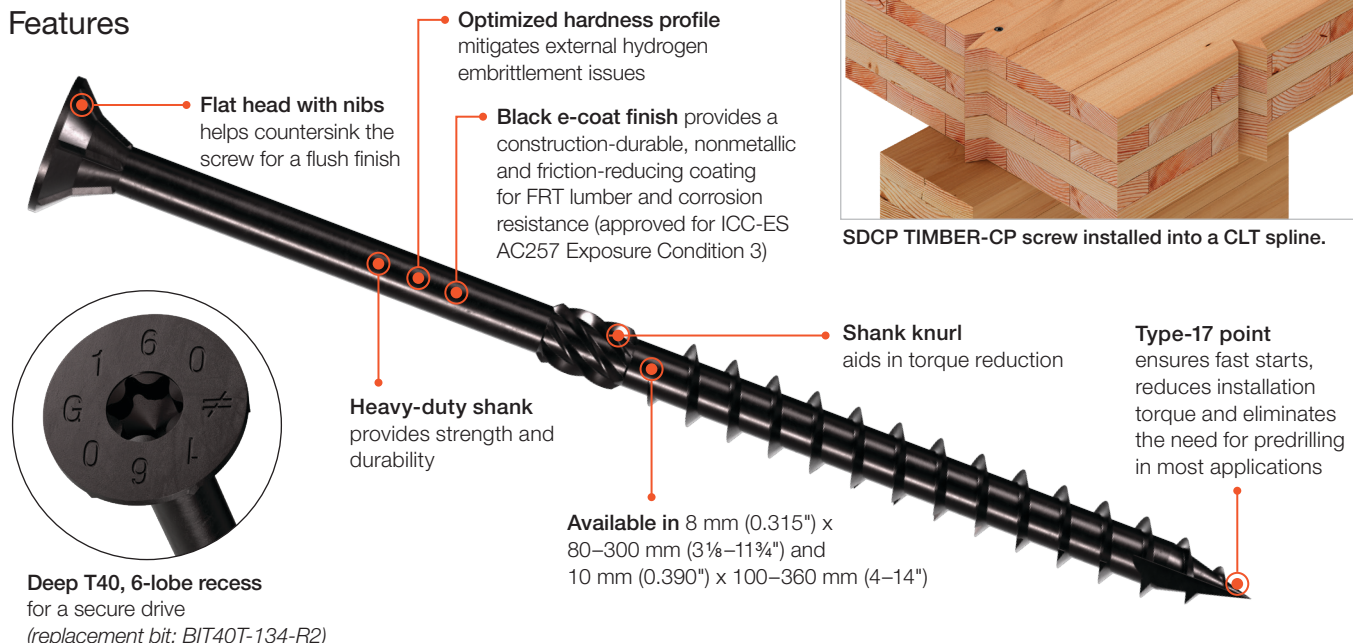


SDCP TIMBER-CP screws installed into a CLT lap joint.



SDCP TIMBER-CP screw installed into a CLT spline.

### Features

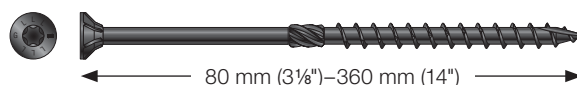
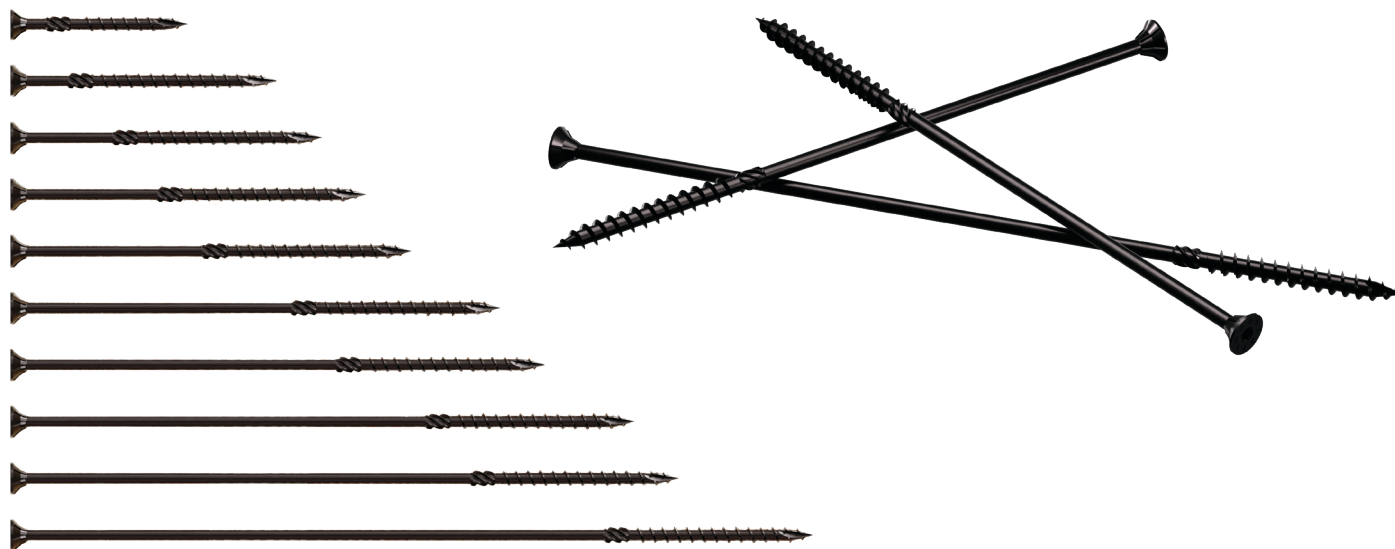


\*The diameters listed represent the thread outer diameter of the Strong-Drive SDCP Timber-CP screw.

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

## A mass timber workhorse in friction-reducing black e-coat finish

The Strong-Drive SDCP Timber-CP screw, with its partially threaded, aggressive mid-shank knurl and flat head with nibs, is the ideal choice for use in CLT and mass timber applications where ease of installation, excellent holding power and a flush finish are in demand.



## Strong-Drive SDCP TIMBER-CP Screw — Black E-Coat

| Model No.  | Dimensions                    |            |               |           |                               |            |               |           | Mini-Bulk Packaging SKU | Mini-Bulk Fasteners per Pack | Box Packaging SKU | Fasteners per Box |
|------------|-------------------------------|------------|---------------|-----------|-------------------------------|------------|---------------|-----------|-------------------------|------------------------------|-------------------|-------------------|
|            | mm                            |            |               |           | in.                           |            |               |           |                         |                              |                   |                   |
|            | Size OD <sup>1</sup> x Length | Shank Dia. | Thread Length | Head Dia. | Size OD <sup>1</sup> x Length | Shank Dia. | Thread Length | Head Dia. |                         |                              |                   |                   |
| SDCP8X80   | 8 x 80                        | 5.8        | 50            | 14.6      | 0.315 x 3⅜                    | 0.225      | 2             | 0.575     | SDCP8X80-R50            | 50                           | SDCP8X80          | 250               |
| SDCP8X120  | 8 x 120                       | 5.8        | 80            | 14.6      | 0.315 x 4¾                    | 0.225      | 3⅜            | 0.575     | SDCP8X120-R50           | 50                           | SDCP8X120         | 250               |
| SDCP8X140  | 8 x 140                       | 5.8        | 80            | 14.6      | 0.315 x 5½                    | 0.225      | 3⅜            | 0.575     | SDCP8X140-R50           | 50                           | SDCP8X140         | 250               |
| SDCP8X160  | 8 x 160                       | 5.8        | 80            | 14.6      | 0.315 x 6¼                    | 0.225      | 3⅜            | 0.575     | SDCP8X160-R50           | 50                           | SDCP8X160         | 250               |
| SDCP8X180  | 8 x 180                       | 5.8        | 80            | 14.6      | 0.315 x 7                     | 0.225      | 3⅜            | 0.575     | SDCP8X180-R50           | 50                           | SDCP8X180         | 250               |
| SDCP8X220  | 8 x 220                       | 5.8        | 80            | 14.6      | 0.315 x 8⅝                    | 0.225      | 3⅜            | 0.575     | SDCP8X220-R50           | 50                           | SDCP8X220         | 250               |
| SDCP8X240  | 8 x 240                       | 5.8        | 80            | 14.6      | 0.315 x 9½                    | 0.225      | 3⅜            | 0.575     | SDCP8X240-R50           | 50                           | SDCP8X240         | 250               |
| SDCP8X280  | 8 x 280                       | 5.8        | 80            | 14.6      | 0.315 x 11                    | 0.225      | 3⅜            | 0.575     | SDCP8X280-R50           | 50                           | SDCP8X280         | 250               |
| SDCP8X300  | 8 x 300                       | 5.8        | 80            | 14.6      | 0.315 x 11¾                   | 0.225      | 3⅜            | 0.575     | SDCP8X300-R50           | 50                           | SDCP8X300         | 250               |
| SDCP10X100 | 10 x 100                      | 7.0        | 50            | 17.8      | 0.390 x 4                     | 0.275      | 2             | 0.700     | SDCP10X100-R30          | 30                           | SDCP10X100        | 250               |
| SDCP10X160 | 10 x 160                      | 7.0        | 80            | 17.8      | 0.390 x 6¼                    | 0.275      | 3⅜            | 0.700     | SDCP10X160-R30          | 30                           | SDCP10X160        | 250               |
| SDCP10X200 | 10 x 200                      | 7.0        | 80            | 17.8      | 0.390 x 7⅞                    | 0.275      | 3⅜            | 0.700     | SDCP10X200-R30          | 30                           | SDCP10X200        | 250               |
| SDCP10X240 | 10 x 240                      | 7.0        | 80            | 17.8      | 0.390 x 9½                    | 0.275      | 3⅜            | 0.700     | SDCP10X240-R30          | 30                           | SDCP10X240        | 250               |
| SDCP10X280 | 10 x 280                      | 7.0        | 80            | 17.8      | 0.390 x 11                    | 0.275      | 3⅜            | 0.700     | SDCP10X280-R30          | 30                           | SDCP10X280        | 150               |
| SDCP10X320 | 10 x 320                      | 7.0        | 80            | 17.8      | 0.390 x 12½                   | 0.275      | 3⅜            | 0.700     | SDCP10X320-R25          | 25                           | SDCP10X320        | 150               |
| SDCP10X360 | 10 x 360                      | 7.0        | 80            | 17.8      | 0.390 x 14                    | 0.275      | 3⅜            | 0.700     | SDCP10X360-R25          | 25                           | SDCP10X360        | 150               |

1. OD denotes thread outer dimension.

**Note:** The corrosion resistance of black e-coat is equivalent to hot-dip galvanization (ASTM A153, Class D) in wet-service conditions during the construction period, described by ICC-ES AC257 Exposure Condition 3. In conditions with prolonged exposure to wet conditions, alternate coatings/materials should be considered.