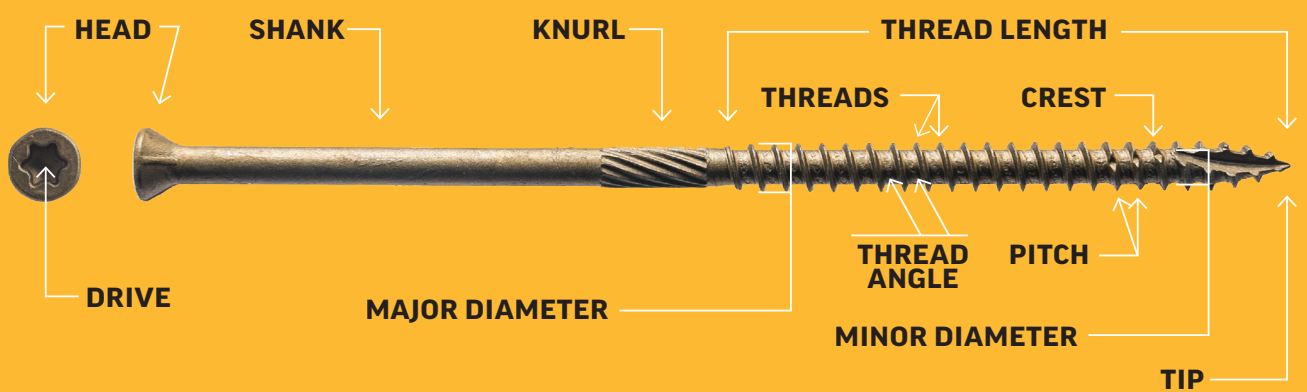


Screw 101

ANATOMY OF A SCREW



BASIC INFORMATION

WHAT IS A TYPE 17 POINT?	WHAT IS A KNURL?	WHY DO WE USE STAR DRIVE ON OUR SCREWS?	WHY ARE THERE SO MANY KINDS OF SCREWS?
<p>A type of screw tip that is self-drilling (no pilot holes needed)</p> <p>Recognizable from a cut out that goes from the tip part way up the threads</p> <p>Best for hard and softwoods</p> <p>Reduces splitting and improves drive</p>	<p>Slightly enlarges the hole the screw is driving into</p> <p>This makes it easier for the non-threaded part of the screw to pass through</p> <p>Improves drawing strength pulling the two materials together</p> <p>Lowers driving torque needed to drive the screw</p>	<p>Reduces cam-out and stripping</p> <p>Handles 2X the torque of other drive types</p> <p>Extends the life of the bit</p>	<p>Each screw has a unique purpose, which is why there is such a variety. Depending on the project, customers may need specific screw heads, lengths or coatings for their specific project.</p>
DOES THE SCREW COATING MATTER?	WHAT DOES ACQ COMPATIBLE MEAN?	WHO IS DR J AND WHY IS 3RD PARTY TESTING IMPORTANT FOR SCREWS?	HOW TO PICK THE RIGHT LENGTH SCREW?
<p>There are many kinds of coatings that can offer different benefits to the screw: corrosion resistance, color, drive easier, etc.</p> <p>Pay special attention to the environment and the material you are using the fastener in and choose a compatible coating.</p>	<p>Can be used with Alkaline Copper Quaternary (ACQ) - Lumber, which refers to pressure treated lumber.</p> <p>The chemicals used to treat the lumber are corrosive to metal fasteners unless the fastener has a proper coating to prevent corrosion.</p> <p>Using the wrong screws with pressure treated lumber could result in structural failure.</p>	<p>Dr J is a third party organization that assesses the technical properties and code compliance of screws.</p> <p>This testing is important for determining what fasteners should be used for particular applications.</p>	<p>As a general rule, the screw should pass through the thinner piece and thread into the thicker piece. When choosing a length, best practice is to have 2/3 of the screw threaded into the thicker piece.</p>

ANATOMY OF A BIG TIMBER PART NUMBER

1 B T X 9 3

Quantity when sold by the pound: ex. 1 pound

Product name: ex. BTX

Screw size: ex. #9 x 3"

B T X 1 4 5 - 2 5

Product name: ex. BTX

Screw size: ex. #14 x 5"

Quantity when sold by the count: ex. 25 screws

B T X 8 1 1 2

Product name: ex. BTX

Screw size: ex. #8 x 1-1/2"

When there is no quantity indicator either at the front or back of the sku number, this is sold in bulk quantity.



Please contact us with any questions you might have.

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BigTimberFasteners.com



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PRODUCT LINE	PRODUCT IMAGE	COMMON USES	3RD PARTY CERTIFICATION	ACQ COMPATIBLE	ADDITIONAL PRODUCT DETAILS
YTX INTERIOR MULTI-PURPOSE WOOD SCREW		Interior wood framing.	Dr J TER 1911-01		
BTX EXTERIOR MULTI-PURPOSE WOOD SCREW		Exterior and wood framing.	Dr J TER 1911-01	Yes	
VEN STONE VENEER SCREW		Installation of stone and/or cultured stone veneer.	Dr J TER 1911-03	Yes	
RWH (CAB & GDW) ROUND WASHER HEAD SCREW		Cabinet installation, windows, general construction projects where washer heads are preferred.	Dr J TER 1911-03	Yes	
THB TRIM HEAD WOOD SCREW		Exterior and interior wood trim boards, decks and rails, wood siding, and connecting cabinet face frames.		Yes	
FS FINISH WOOD SCREW		Finish and trim, carpentry, and cabinetry.		Yes	
FSRT FINISH SCREW WITH REVERSE THREAD		Composite and cellular PVC trim board installation (interior and exterior), Interior MDF trim installation.		Yes	
CTX CONSTRUCTION LAG CREW		Heavy duty structural applications where a washer head is preferred (ex. ledger boards, timber frame, and pole barns).	Dr J TER 1907-01	Yes	
BL BLACK LOG TIMBER LAG SCREW		Heavy duty structural applications where hex head is preferred (ex. truss hold-down, log construction, timber frames, ledger boards, and landscape timbers).	Dr J TER 1907-02	Yes	
WTX WAFER HEAD LAG SCREW		Heavy duty structural applications where flat wafer head is preferred (ex. Timber Frames, laminated beams, girders, SIP panels (Structural Insulated Panels), pergolas, and decorative black hardware installation).	Dr J TER 1911-04	Yes	
STX 316 STAINLESS STEEL MULTI-PURPOSE WOOD SCREW		General wood construction in coastal areas, livestock confinement, pool decks, and docks.	Dr J TER 1911-02	Yes	
SCTX 316 STAINLESS STEEL CONSTRUCTION LAG SCREW		General wood construction in coastal areas where structural screws are required (ex. livestock confinement, pool decks, and docks).	Dr J TER 1911-02	Yes	
STH 316 STAINLESS STEEL TRIM HEAD WOOD SCREW		General light duty wood construction in coastal areas.		Yes	
SFS 316 STAINLESS STEEL FINISH WOOD SCREW		General light duty wood construction in coastal areas.		Yes	
PTX POCKET HOLE WOOD SCREW		Pocket hole construction (ex. face frames, furniture).			
CB CEMENT BOARD SCREW		Installation of tile backer board.		Yes	
GTR GUTTER SCREW		Retrofit installation of gutters.		Yes	
SWD SOFT WOOD DECK SCREW		Installation of soft wood deck boards (ex. cedar, redwood, treated lumber).		Yes	
FHD WOOD-TO-STEEL SELF-DRILLING SCREW		Truck beds, trailer decks (ex. horse, utility, ATV, motorcycle, snowmobile, flatbed).		Yes	
CON CONCRETE/MASONRY SCREW W/ DRILLCRETE TECHNOLOGY		Light to medium duty concrete anchoring (ex. sill plates, conduit, post bases, thresholds).	ICC ESR-4420 ICC ESR-4421	Yes	
CD COMPOSITE DECK SCREW		Composite deck board and fascia board installation.		Yes	

*The screw images presented above are not shown to scale. The length and size of the screw will vary depending on the size selected.

GRK PRODUCT CATEGORY COMPARISON		*LINE 1: COMPETITOR PRODUCT *LINE 2: BIG TIMBER PRODUCT EQUIVALENT
R4 MULTI-PURPOSE SCREW: BTX EXTERIOR MULTI-PURPOSE WOOD SCREW	RSS™ SCREWS PHEINOX™ 305 STAINLESS STEEL: SCTX 316 STAINLESS STEEL CONSTRUCTION LAG SCREW	
LOW PROFILE CABINET™ SCREW: RWH (CAB & GDW) ROUND WASHER HEAD SCREW	PHEINOX™ FIN/TRIM™ 305 STAINLESS STEEL, PHEINOX™ FIN/TRIM™ 316 STAINLESS STEEL: STH 316 STAINLESS STEEL TRIM HEAD WOOD SCREW	
FIN/TRIM FINISHING TRIM HEAD SCREW: THB TRIM HEAD WOOD SCREW	PHEINOX™ FIN/TRIM™ 305 STAINLESS STEEL, PHEINOX™ FIN/TRIM™ 316 STAINLESS STEEL: SFS 316 STAINLESS STEEL FINISH WOOD SCREW	
FIN/TRIM FINISHING TRIM HEAD SCREW: FS FINISH WOOD SCREW	BACKER-ON™, ROCK-ON™: CB CEMENT BOARD SCREW	
RT COMPOSITE™ TRIM HEAD SCREW: FSRT FINISH SCREW WITH REVERSE THREAD	DECK ELITE SCREW: SWD SOFT WOOD DECK SCREW	
RSS RUGGED STRUCTURAL SCREW: CTX CONSTRUCTION LAG CREW	TAPCON™: CON CONCRETE/MASONRY SCREW W/ DRILLCRETE TECHNOLOGY	
PHEINOX™ R4™ MULTI-PURPOSE 305 STAINLESS STEEL, PHEINOX™ R4™ MULTI-PURPOSE 316 STAINLESS STEEL: STX 316 STAINLESS STEEL MULTI-PURPOSE WOOD SCREW	RT COMPOSITE TRIM HEAD SCREW: CD COMPOSITE DECK SCREW	

FASTENMASTER PRODUCT CATEGORY COMPARISON		*LINE 1: COMPETITOR PRODUCT *LINE 2: BIG TIMBER PRODUCT EQUIVALENT
MVP - MULTIPURPOSE WOOD SCREW: BTX EXTERIOR MULTI-PURPOSE WOOD SCREW	GUTTERSCREW: GTR GUTTER SCREW	
LEDGERLOK STRUCTURAL WOOD SCREW, LOGHOG HEAVY DUTY LOG HOME FASTENER, OLYLOG LOG HOME FASTENER: BL (BLACK LOG TIMBER LAG SCREW)	GUARDDOG - EXTERIOR WOOD SCREW: SWD SOFT WOOD DECK SCREW	
FLATLOK STRUCTURAL WOOD SCREW, HEADLOK STRUCTURAL WOOD SCREW, VERSALOK STRUCTURAL WOOD SCREW: WTX WAFER HEAD LAG SCREW		

SIMPSON STRONG-TIE		*LINE 1: COMPETITOR PRODUCT *LINE 2: BIG TIMBER PRODUCT EQUIVALENT
STRONG-DRIVE® CSV/SDCP/SDCF CONSTRUCTION SCREW, YELLOW ZINC: YTX INTERIOR MULTI-PURPOSE WOOD SCREW	STRONG-DRIVE® SDWS TIMBER SS SCREW : SCTX 316 STAINLESS STEEL CONSTRUCTION LAG SCREW	
STRONG-DRIVE® DWP WOOD SS SCREW, STRONG-DRIVE® SDWS FRAMING SCREW : BTX EXTERIOR MULTI-PURPOSE WOOD SCREW	TRIM-HEAD SCREW – SQUARE DRIVE, TRIM-HEAD SCREW – 6-LOBE DRIVE: SFS 316 STAINLESS STEEL FINISH WOOD SCREW	
WAFER-HEAD CONSTRUCTION SCREW: RWH (CAB & GDW) ROUND WASHER HEAD SCREW	CEMENT BOARD SCREW (CBHL): CB CEMENT BOARD SCREW	
FINISH TRIM SCREW : FS FINISH WOOD SCREW	DECK-DRIVE™ DSV WOOD SCREW : SWD SOFT WOOD DECK SCREW	
STRONG-DRIVE® SDWH TIMBER-HEX SCREW : BL (BLACK LOG TIMBER LAG SCREW)	STRONG-DRIVE® TB WOOD-TO-STEEL SCREW: FHD WOOD-TO-STEEL SELF-DRILLING SCREW	
STRONG-DRIVE® SDWS TIMBER SCREW, OUTDOOR ACCENTS® STRUCTURAL WOOD SCREW: WTX WAFER HEAD LAG SCREW	TITEN® STAINLESS-STEEL CONCRETE AND MASONRY SCREW: CON CONCRETE/MASONRY SCREW W/ DRILLCRETE TECHNOLOGY	
DECK-DRIVE™ DWP WOOD SS SCREW (305/316 STAINLESS STEEL): STX 316 STAINLESS STEEL MULTI-PURPOSE WOOD SCREW	DECK-DRIVE™ DCU COMPOSITE SCREW: CD COMPOSITE DECK SCREW	