

TIMBER

SHS	
60° COUNTERSUNK SCREW	18
SHS AISI410	
60° COUNTERSUNK SCREW	20
HTS	
FULLY THREADED COUNTERSUNK SCREW	34
HBS	
COUNTERSUNK SCREW	36
HBS COIL	
HBS BOUND SCREWS	52
HBS EVO	
COUNTERSUNK SCREW	54
HBS EVO C5	
COUNTERSUNK SCREW	68
HBS HARDWOOD	
COUNTERSUNK SCREW FOR HARDWOODS	70
HUS	
TURNED WASHER	72
XYLOFON WASHER	
SEPARATING WASHER FOR SCREWS	84
TBS	
FLANGE HEAD SCREW	88
TBS SOFTWOOD	
FLANGE HEAD SCREW	102
TBS MAX	
XL FLANGE HEAD SCREW	104
TBS FRAME	
FLAT FLANGE HEAD SCREW	114
TBS EVO	
FLANGE HEAD SCREW	122
TBS EVO C5	
FLANGE HEAD SCREW	134
KOP	
COACH SCREW DIN571	136
VGZ	
FULL THREADED SCREW WITH CYLINDRICAL HEAD	144
VGZ EVO	
FULLY THREADED SCREW WITH CYLINDRICAL HEAD	164
VGZ EVO C5	
FULLY THREADED SCREW WITH CYLINDRICAL HEAD	180
VGZ HARDWOOD	
FULLY THREADED SCREW FOR HARDWOODS	182

VGS	
FULLY THREADED SCREW WITH COUNTERSUNK OR HEXAGONAL HEAD	184
VGS EVO	
FULLY THREADED SCREW WITH COUNTERSUNK OR HEXAGONAL HEAD	206
VGS EVO C5	
FULL THREAD CONNECTOR WITH COUNTERSUNK HEAD	220
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DGZ	
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TIMBER-TO-TIMBER SPACER SCREW	238
DRT	
TIMBER-BRICKWORK SPACER SCREW	240
HBS PLATE	
PAN HEAD SCREW FOR PLATES	242
HBS PLATE EVO	
PAN HEAD SCREW	256
HBS PLATE A4	
PAN HEAD SCREW FOR PLATES	271
LBS	
ROUND HEAD SCREW FOR PLATES	272
LBS EVO	
ROUND HEAD SCREW FOR PLATES	278
LBS HARDWOOD	
ROUND HEAD SCREW FOR PLATES ON HARDWOODS	284
LBS HARDWOOD EVO	
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LBA	
HIGH BOND NAIL	288
DWS	
DRYWALL SCREW	297

60° COUNTERSUNK SCREW

SMALL HEAD AND 3 THORNS TIP

The 60° head and 3 THORNS tip allow easy insertion of the screw into small thickness elements without creating openings in the timber.

ENLARGED BIT CAVITY

Compared to common carpentry screws, it has a larger Torx cavity: TX 25 for diameters 0.16 inch (#7) and 0.18 inch (#9), TX 30 for diameter 0.20 inch (#11). It is the right screw for users requiring strength and precision.

FASTENING ON TONGUE AND GROOVE BOARDS

For fixing beads or small elements, the 0.14 inch (#6) diameter version is perfectly suited for application in joints.



DIAMETER [in]

0.12 **0.14** 0.20 0.48

LENGTH [in]

1/2 **1 3/16** 4 3/4 39 3/8

EXPOSURE CONDITION

EC1 DRY

ATMOSPHERIC CORROSIVITY

C1 C2

WOOD CORROSIVITY

T1 T2

MATERIAL

Zn
ELECTRO
PLATED

electrogalvanized carbon steel



FIELDS OF USE

- tongue-and-groove boards
- timber based panels
- fibreboard, MDF, HDF and LDF
- plated and melamine faced panels
- solid timber
- glulam (Glued Laminated Timber)
- CLT and LVL

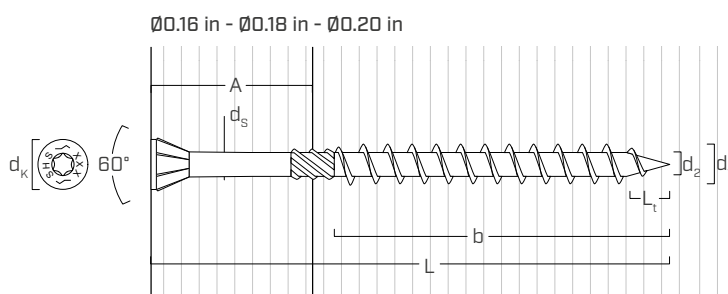
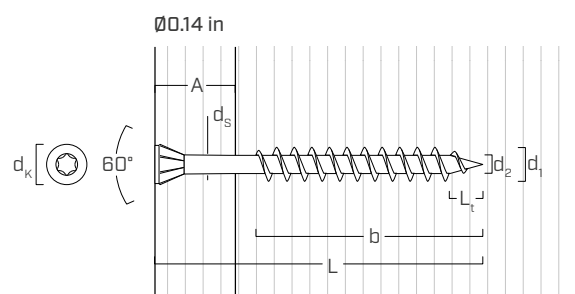
CODES AND DIMENSIONS

d ₁ [mm] [in]	CODE	L		b		A	pcs
		[mm]	[in]	[mm]	[in]	[in]	
3.5 0.14 #6 TX 10	SHS3530(*)	30	1 3/16	20	13/16	3/8	500
	SHS3540(*)	40	1 9/16	26	1 1/32	1/2	500
	SHS3550(*)	50	1 15/16	34	1 5/16	1/2	500
	SHS3560(*)	60	2 3/8	40	1 9/16	3/4	500

(*)Not holding CE marking.

d ₁ [mm] [in]	CODE	L		b		A	pcs
		[mm]	[in]	[mm]	[in]	[in]	
4 0.16 #7 TX 25	SHS440	40	1 9/16	24	15/16	1/2	500
	SHS450	50	1 15/16	30	1 3/16	3/4	400
	SHS460	60	2 3/8	35	1 3/8	3/4	200
	SHS470	70	2 3/4	40	1 9/16	1	200
4,5 0.18 #9 TX 25	SHS4550	50	1 15/16	30	1 3/16	3/4	200
	SHS4560	60	2 3/8	35	1 3/8	3/4	200
	SHS4570	70	2 3/4	40	1 9/16	1	200
	SHS550	50	1 15/16	24	15/16	1	200
5 0.20 #11 TX 30	SHS560	60	2 3/8	30	1 3/16	1	200
	SHS570	70	2 3/4	35	1 3/8	1 1/4	200
	SHS580	60	2 3/8	30	1 3/16	1	200
	SHS590	90	3 1/2	45	1 3/4	1 3/4	200
	SHS5100	100	4	50	1 15/16	1 3/4	200
	SHS5120	120	4 3/4	60	2 3/8	2 1/4	200

GEOMETRY



Nominal diameter	d ₁	[in] ⁽¹⁾	0.14	0.16	0.18	0.20
Outer thread diameter	d ₁	[mm]	3,5	4	4,5	5
		[in]	0.138	0.157	0.177	0.197
Head diameter	d _k	[in]	0.276	0.315	0.354	0.394
Root diameter	d ₂	[in]	0.089	0.100	0.110	0.134
Shank diameter	d _s	[in]	0.096	0.108	0.124	0.144
Head thickness	t ₁	[in]	0.087	0.110	0.110	0.122
Tip length	L _t	[in]	0.138	0.157	0.177	0.197
Pre-drilling hole diameter ⁽²⁾	d _{V,G≤0.55}	[in]	-	-	-	1/8
Pre-drilling hole diameter ⁽³⁾	d _{V,G>0.55}	[in]	-	-	-	9/64

⁽¹⁾The nominal diameter of the screw is converted into imperial units and rounded up to the nearest decimal point.

⁽²⁾Pre-drilling applies to timber with G≤0.55 (optional).

⁽³⁾Pre-drilling applies to timber with G>0.55 (required).