

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

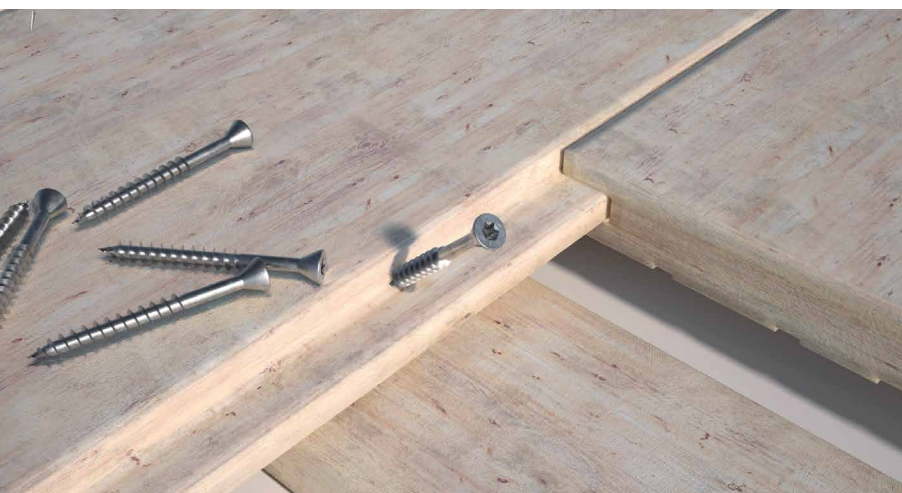
WOOD CORROSIVITY

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

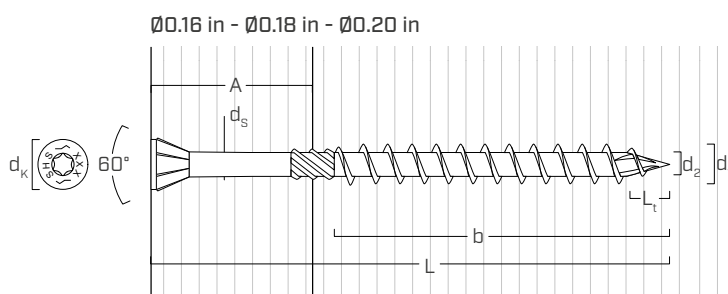
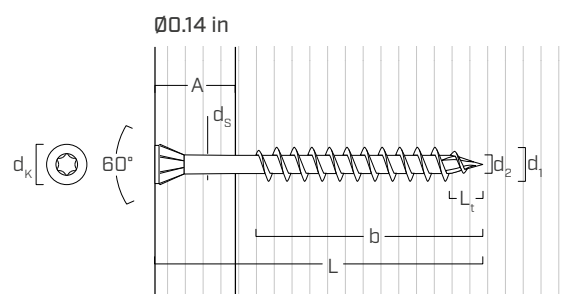
CODES AND DIMENSIONS

d ₁	CODE	L		b		A	pcs
[mm] [in]		[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	CODE	L		b		A	pcs
[mm] [in]		[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).