

COUNTERSUNK SCREW

SAW TIP

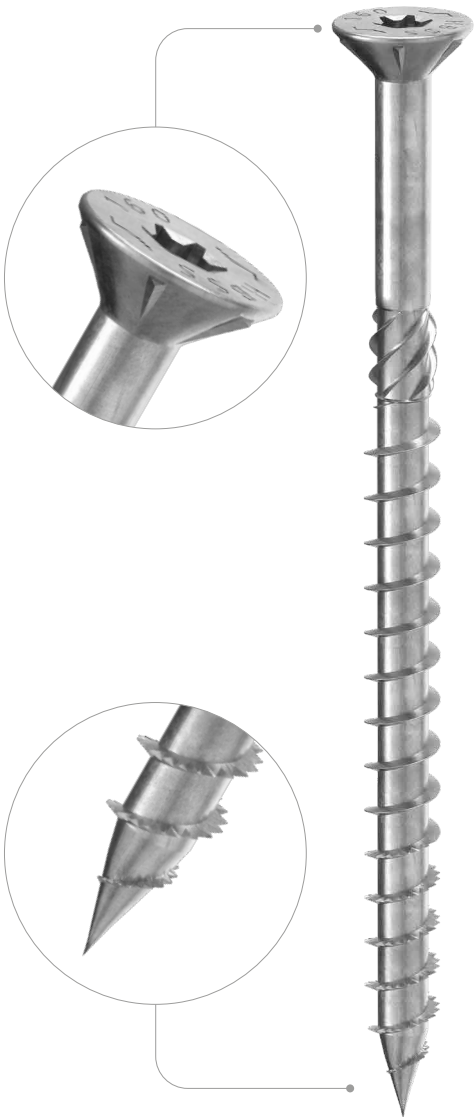
Special self-perforating tip with serrated thread (SAW tip) that cuts the timber grains, facilitating initial grip and subsequent pull-through.

LONGER THREAD

Greater thread length (60%) to ensure superb joint closure and great versatility.

SOFTWOOD

Optimised geometry for maximum performance on the most common construction timbers.



DIAMETER [in]	0.12	0.20	0.32	0.48
LENGTH [in]	1/2	1 15/16	15 3/4	39 3/8
EXPOSURE CONDITION	EC1	EC2	EC3	EC4
ATMOSPHERIC CORROSIVITY	C1	C2	C3	C4
WOOD CORROSIVITY	T1	T2	T3	T4
MATERIAL	Zn ELECTRO PLATED electrogalvanized carbon steel			



FIELDS OF USE

- timber based panels
- fibreboard and MDF panels
- solid timber
- glulam (Glued Laminated Timber)
- CLT and LVL

CODES AND DIMENSIONS

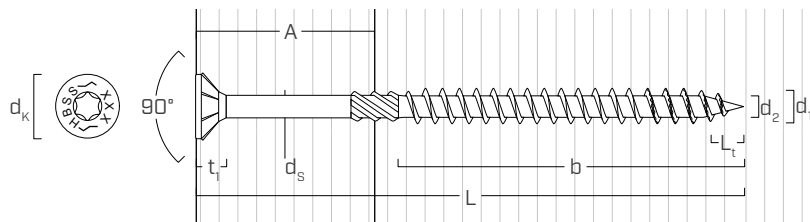
d ₁ [mm] [in]	CODE	L		b		A	pcs
		[mm]	[in]	[mm]	[in]	[in]	
5 0.20 #11 TX 25	HBSS550	50	1 15/16	30	1 3/16	3/4	200
	HBSS560	60	2 3/8	35	1 3/8	3/4	200
	HBSS570	70	2 3/4	40	1 9/16	1	200
	HBSS580	80	3 1/8	50	1 15/16	1	100
	HBSS5100	100	4	60	2 3/8	1 1/2	100
	HBSS5120	120	4 3/4	60	2 3/8	2 1/4	100
6 0.24 #14 TX 30	HBSS660	60	2 3/8	35	1 3/8	3/4	100
	HBSS670	70	2 3/4	40	1 9/16	1	100
	HBSS680	80	3 1/8	50	1 15/16	1	100
	HBSS690	90	3 1/2	55	2 3/16	1 1/4	100
	HBSS6100	100	4	60	2 3/8	1 1/2	100
	HBSS6120	120	4 3/4	75	2 15/16	1 3/4	100
	HBSS6140	140	5 1/2	80	3 1/8	2 1/4	100
	HBSS6160	160	6 1/4	90	3 1/2	2 3/4	100
	HBSS6180	180	7 1/8	100	4	3	100
	HBSS6200	200	8	100	4	3 3/4	100
	HBSS6220	220	8 5/8	100	4	4 1/2	100
	HBSS6240	240	9 1/2	100	4	5 1/2	100
	HBSS6260	260	10 1/4	100	4	6 1/4	100
	HBSS6280	280	11	100	4	7	100
	HBSS6300	300	11 3/4	100	4	7 3/4	100

d ₁ [mm] [in]	CODE	L		b		A	pcs
		[mm]	[in]	[mm]	[in]	[in]	
8 0.32 TX 40	HBSS880	80	3 1/8	52	2 1/16	1	100
	HBSS8100	100	4	60	2 3/8	1 1/2	100
	HBSS8120	120	4 3/4	80	3 1/8	1 1/2	100
	HBSS8140	140	5 1/2	80	3 1/8	2 1/4	100
	HBSS8160	160	6 1/4	90	3 1/2	2 3/4	100
	HBSS8180	180	7 1/8	90	3 1/2	3 1/2	100
	HBSS8200	200	8	100	4	3 3/4	100
	HBSS8220	220	8 5/8	100	4	4 1/2	100
	HBSS8240	240	9 1/2	100	4	5 1/2	100
	HBSS8260	260	10 1/4	100	4	6 1/4	100
	HBSS8280	280	11	100	4	7	100
	HBSS8300	300	11 3/4	100	4	7 3/4	100
	HBSS8320	320	12 5/8	100	4	8 1/2	100
	HBSS8340	340	13 3/8	100	4	9 1/4	100
	HBSS8360	360	14 1/4	100	4	10	100
	HBSS8380	380	15	100	4	11	100
	HBSS8400	400	15 3/4	100	4	11 3/4	100



HUS
TURNED WASHER
see page 74

GEOMETRY



Nominal diameter	d ₁	[in] ⁽¹⁾	0.20	0.24	0.32
Outer thread diameter	d ₁	[mm]	5	6	8
		[in]	0.197	0.236	0.315
Head diameter	d _K	[in]	0.394	0.472	0.571
Root diameter	d ₂	[in]	0.134	0.156	0.213
Shank diameter	d _S	[in]	0.144	0.169	0.228
Head thickness	t ₁	[in]	0.122	0.177	0.177
Tip length	L _t	[in]	0.197	0.236	0.315
Pre-drilling hole diameter ⁽²⁾	d _{V,G≤0.55}	[in]	1/8	5/32	13/64
Pre-drilling hole diameter ⁽³⁾	d _{V,G>0.55}	[in]	9/64	5/32	15/64

⁽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).



TIMBER ROOF

The screws' fast initial grip makes it possible to create secure structural connections in all assembly conditions.

SIP PANELS

The size range is specially designed for the application of fasteners on medium and large structural elements, such as lightweight boards and frames, up to SIP and Sandwich panels.