

HARDWOOD CERTIFICATION

HYBRID SOFTWOOD-HARDWOOD

INCREASED DIAMETER

CYLINDRICAL HEAD



BIT INCLUDED

This technical illustration shows a self-drilling screw. The main view is a full-length side profile of the screw, highlighting its double-flute design and the self-drilling tip. Two circular callouts provide detailed views: the top callout shows the hexagonal head with a cross-shaped drive recess, and the bottom callout shows the intricate, multi-fluted self-drilling tip designed for penetrating hard materials.



- timber based panels
- solid timber and glulam
- CLT and LVL
- high density woods
- hybrid engineered timbers (softwood-hardwood)
- beech, oak, cypress, ash, eucalyptus, bamboo

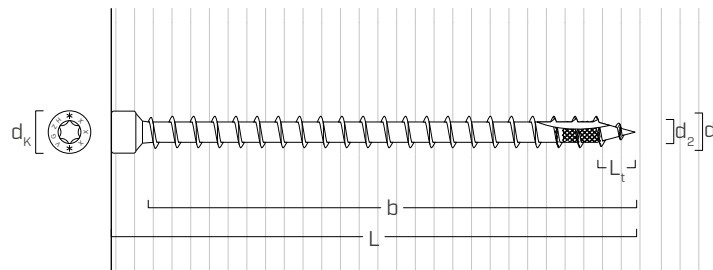
CODES AND DIMENSIONS

d ₁	CODE	L		b		pcs
[mm] [in]		[mm]	[in]	[mm]	[in]	
6 0.24 #14 TX 30	VGZH6140	140	5 1/2	130	5 1/8	25
	VGZH6180	180	7 1/8	170	6 3/4	25
	VGZH6220	220	8 5/8	210	8 1/4	25
	VGZH6260	260	10 1/4	250	10	25
	VGZH6280	280	11	270	10 5/8	25
	VGZH6320	320	12 5/8	310	12 3/16	25
	VGZH6420	420	16 9/16	410	16 1/8	25

NOTES: upon request, EVO version is available.

d ₁	CODE	L		b		pcs
[mm] [in]		[mm]	[in]	[mm]	[in]	
8 0.32 TX 40	VGZH8200	200	8	190	7 1/2	25
	VGZH8240	240	9 1/2	230	9 1/16	25
	VGZH8280	280	11	270	10 5/8	25
	VGZH8320	320	12 5/8	310	12 3/16	25
	VGZH8360	360	14 1/4	350	13 3/4	25
	VGZH8400	400	15 3/4	390	15 3/8	25
	VGZH8440	440	17 1/4	430	16 15/16	25

GEOMETRY

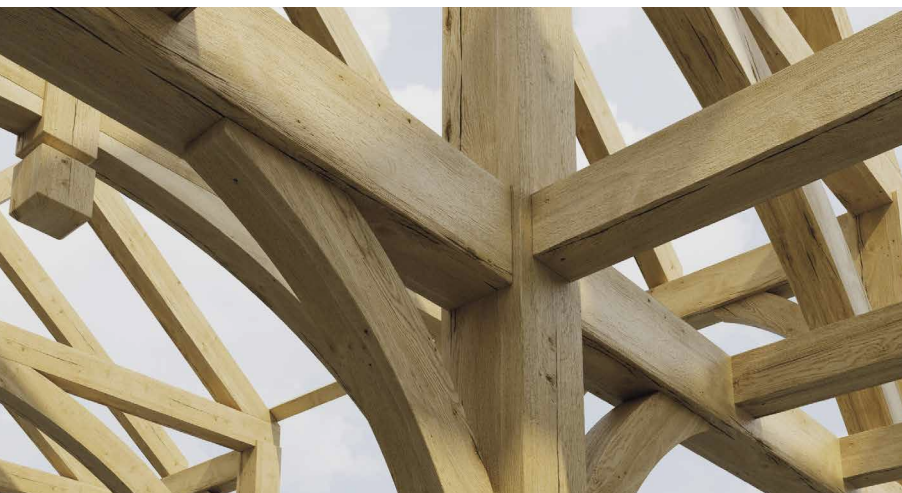


Nominal diameter	d ₁	[in] ⁽¹⁾	0.24	0.32
		[mm]	6	8
Outer thread diameter	d ₁	[in]	0.236	0.315
Head diameter	d _K	[in]	0.374	0.453
Root diameter	d ₂	[in]	0.177	0.232
Tip length	L _t	[in]	0.236	0.315
Pre-drilling hole diameter ⁽²⁾	d _{V,G≤0.55}	[in]	5/32	13/64
Pre-drilling hole diameter ⁽³⁾	d _{V,G>0.55}	[in]	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).



HARDWOOD PERFORMANCE

Geometry developed for high performance and use without pre-drilling on structural woods such as beech, oak, cypress, ash, eucalyptus, bamboo.

BEECH LVL

Values also tested, certified and calculated for high density woods such beech laminated veneer lumber. Certified for use for densities of up to [G = 0.94].