

VGZ EVO C5

FULLY THREADED SCREW WITH CYLINDRICAL HEAD

C5 ATMOSPHERIC CORROSIVITY

Multi-layer coating capable of withstanding outdoor environments classified C5 according to ISO 9223. Salt Spray Test (SST) with exposure time greater than 3000 h carried out on screws previously screwed and unscrewed in Douglas fir timber.

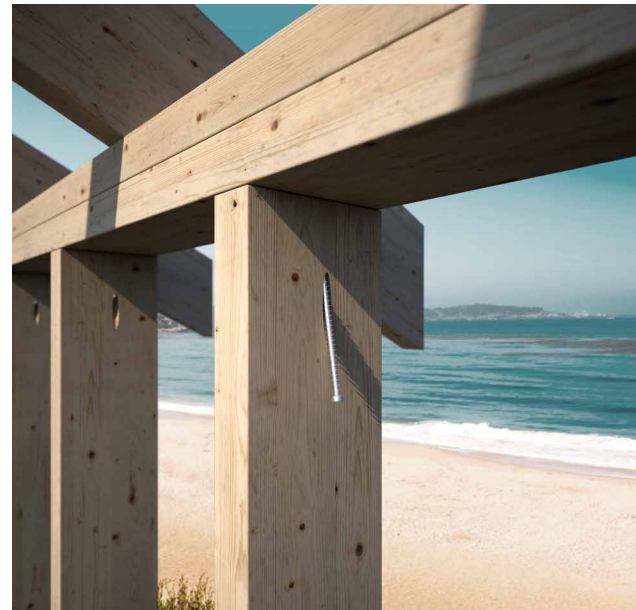
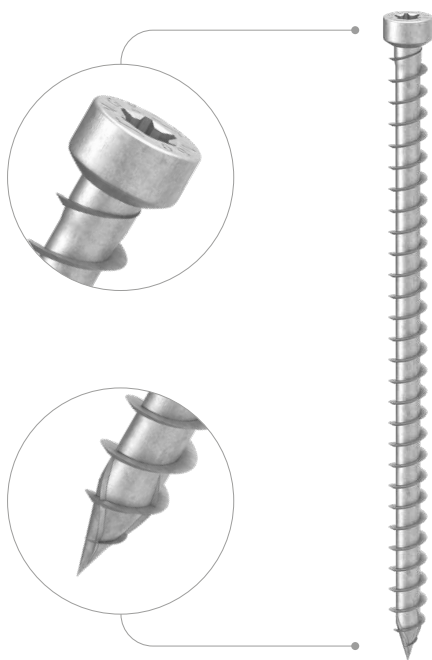
3 THORNS TIP

Thanks to the 3 THORNS tip, minimum installation distances are reduced. More screws can be used in less space and larger screws in smaller elements. Costs and time for project implementation are reduced.

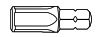
MAXIMUM STRENGTH

It is the screw of choice if high mechanical performance is required under very adverse atmospheric corrosive conditions.

The cylindrical head makes it ideal for concealed joints, timber couplings and structural reinforcements.



MANUALS



BIT INCLUDED

DIAMETER [in]

0.20 **0.28** 0.36 0.44

LENGTH [in]

3 1/8 **5 1/2** 14 1/4 39 3/8

EXPOSURE CONDITION

EC1 EC2 EC3

ATMOSPHERIC CORROSIVITY

C1 **C2** C3 C4 C5

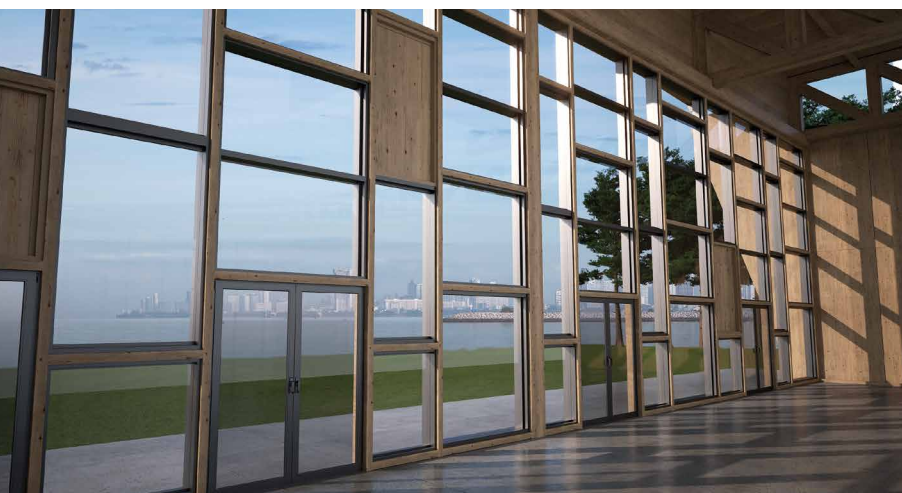
WOOD CORROSIVITY

T1 T2 T3 T4

MATERIAL

C5
EVO
COATING

carbon steel with C5 EVO coating
with very high corrosion resistance



FIELDS OF USE

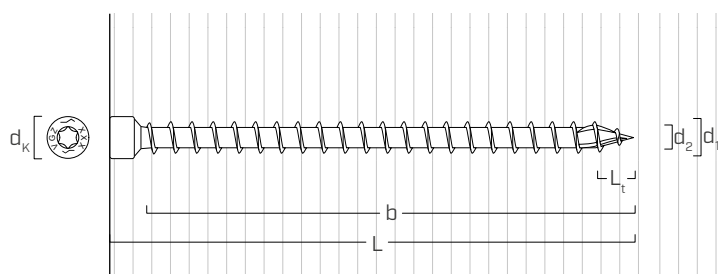
- timber based panels
- solid timber and glulam
- CLT and LVL
- high density woods

CODES AND DIMENSIONS

d ₁	CODE	L		b		pcs
[mm]		[mm]	[in]	[mm]	[in]	
7 0.28 #16 TX 30	VGZEVO7140C5	140	5 1/2	130	5 1/8	25
	VGZEVO7180C5	180	7 1/8	170	6 3/4	25
	VGZEVO7220C5	220	8 5/8	210	8 1/4	25
	VGZEVO7260C5	260	10 1/4	250	10	25
	VGZEVO7300C5	300	11 3/4	290	11 7/16	25

d ₁	CODE	L		b		pcs
[mm]		[mm]	[in]	[mm]	[in]	
9 0.36 TX 40	VGZEVO9200C5	200	8	190	7 1/2	25
	VGZEVO9240C5	240	9 1/2	230	9 1/16	25
	VGZEVO9280C5	280	11	270	10 5/8	25
	VGZEVO9320C5	320	12 5/8	310	12 3/16	25
	VGZEVO9360C5	360	14 1/4	350	13 3/4	25

GEOMETRY



Nominal diameter	d ₁	[in] ⁽¹⁾	0.28	0.36
Outer thread diameter	d ₁	[mm]	7	9
		[in]	0.276	0.354
Head diameter	d _K	[in]	0.374	0.453
Root diameter	d ₂	[in]	0.181	0.232
Tip length	L _t	[in]	0.276	0.354
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]	13/64	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).

For minimum distances and structural values see VGZ on page 144.



SEASIDE BUILDINGS

Ideal for fastening elements with small cross-sections close to the sea. Certified for application parallel to the grain and with reduced minimum distances.

THE HIGHEST PERFORMANCE

The strength and robustness of a VGZ combined with the best anti-corrosion performance.