

KKZ A2 | AISI304

COUNTERSUNK CYLINDRICAL HEAD SCREW



HARD WOODS

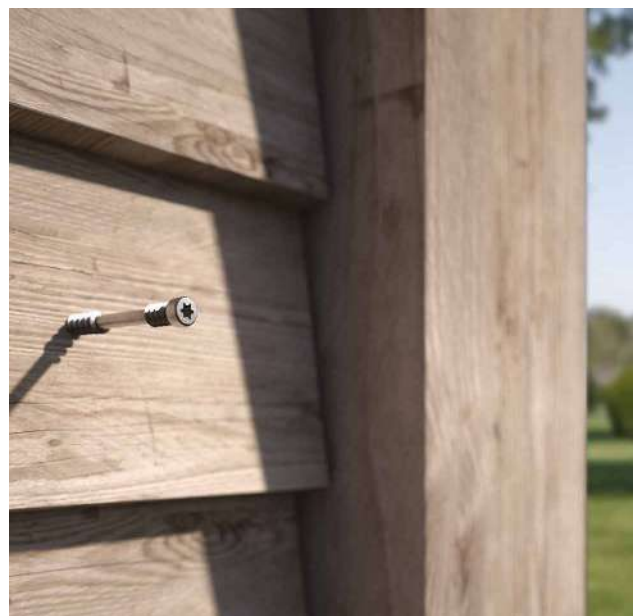
Special tip with sword-shaped geometry specially designed to efficiently drill very high density woods without pre-drill density (up to 1000 kg/m³ | G = 1.20).

DOUBLE THREAD

The larger diameter right-hand under-head thread ensures an effective grip, guaranteeing good coupling of the wooden elements. Concealed head.

BURNISHED VERSION

Available in a version in antique-burnished stainless steel, ideal to guarantee superb camouflaging in the wood.



KKZ A2 | AISI304

KKZ BRONZE A2 | AISI304



DIAMETER [in]

0.14 ☐ 0.20 ☒ 0.32

LENGTH [in]

13/16 ☐ 115/16 ☒ 2 3/4 ☐ 12 5/8

EXPOSURE CONDITION



ATMOSPHERIC CORROSIVITY



WOOD CORROSIVITY



MATERIAL

A2
AISI 304 A2 | AISI304 austenitic stainless steel (CRC II)

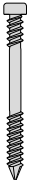


FIELDS OF USE


Use in aggressive outdoor environments.
Wooden boards with density of < 780 kg/m³ [G = 0.90] (without pre-drill) and < 1240 kg/m³ [G = 1.55] (with pre-drill).
WPC boards (with pre-drill).

CODES AND DIMENSIONS

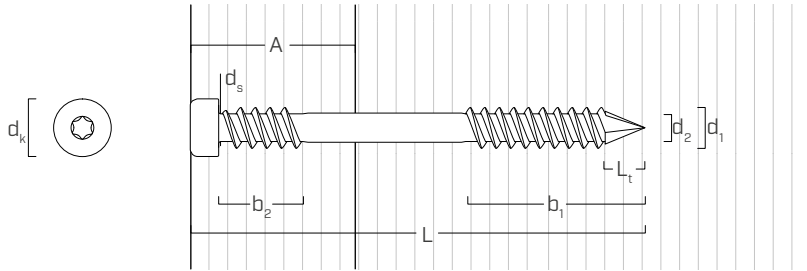
KKZ A2 | AISI304

	d_1	CODE	L		b_1		b_2		A	pcs
	[mm] [in]		[mm]	[in]	[mm]	[in]	[mm]	[in]	[in]	
5		KKZ550	50	1 15/16	22	7/8	11	7/16	1 1/8	200
0.20		KKZ560	60	2 3/8	27	1 1/16	11	7/16	1 5/16	200
#11										
TX 20		KKZ570	70	2 3/4	32	1 1/4	11	7/16	1 1/2	100

KKZ BRONZE A2 | AISI304

	d_1	CODE	L		b_1		b_2		A	pcs
	[mm] [in]		[mm]	[in]	[mm]	[in]	[mm]	[in]	[in]	
5		KKZB550	50	1 15/16	22	7/8	11	7/16	1 1/8	200
0.20		KKZB560	60	2 3/8	27	1 1/16	11	7/16	1 5/16	200
#11										
TX 20										

GEOMETRY



Nominal diameter	d_1	[in] ⁽¹⁾	0.20
		[mm]	5
Outer thread diameter	d_1	[in]	0.197
Head diameter	d_k	[in]	0.268
Root diameter	d_2	[in]	0.118
Shank diameter	d_s	[in]	0.171
Pre-drilling hole diameter ⁽²⁾	d_v	[in]	9/64

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

⁽²⁾For high density materials, pre-drilled holes are recommended based on the wood species.



HARD WOOD

Also tested on very high density woods, such as IPE, massaranduba and bamboo (over 1000 kg/m³ | G = 1.20).

ACID TIMBER T4

Based on Rothoblaas' experimental experience, A2 (AISI 304) stainless steel is suitable for use in applications on most aggressive woods with acidity (pH) levels below 4, such as oak, Douglas fir and chestnut (see page 354).

KKZ EVO C5



COUNTERSUNK CYLINDRICAL HEAD SCREW

C5 ATMOSPHERIC CORROSIVITY

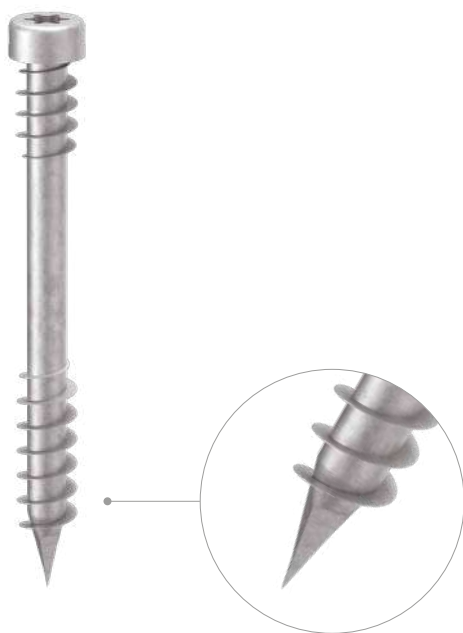
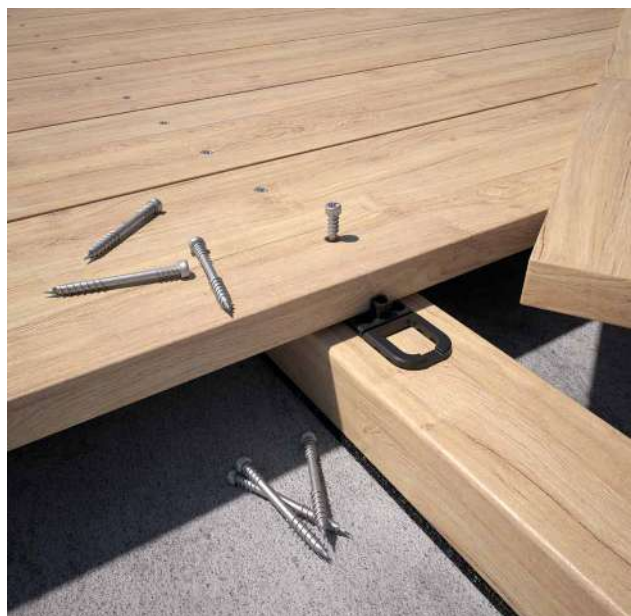
Multi-layer coating capable of withstanding outdoor environments classified C5 according to ISO 9223. Salt Spray Test (SST) with exposure time greater than 3000 h carried out on screws previously screwed and unscrewed in Douglas fir timber.

DOUBLE THREAD

The larger diameter right-hand under-head thread ensures an effective grip, guaranteeing good coupling of the wooden elements. Concealed head.

HARD WOODS

Special tip with sword-shaped geometry specially designed to efficiently drill very high density woods without pre-drill density up to 1000 kg/m^3 | $G = 1.20$.



DIAMETER [in]

0.14 ☐ 0.20 ☒ 0.32

LENGTH [in]

13/16 ☐ 115/16 ☒ 2 3/4 ☐ 12 5/8

EXPOSURE CONDITION

☒ EC1 ☒ EC2 ☒ EC3

ATMOSPHERIC CORROSIVITY

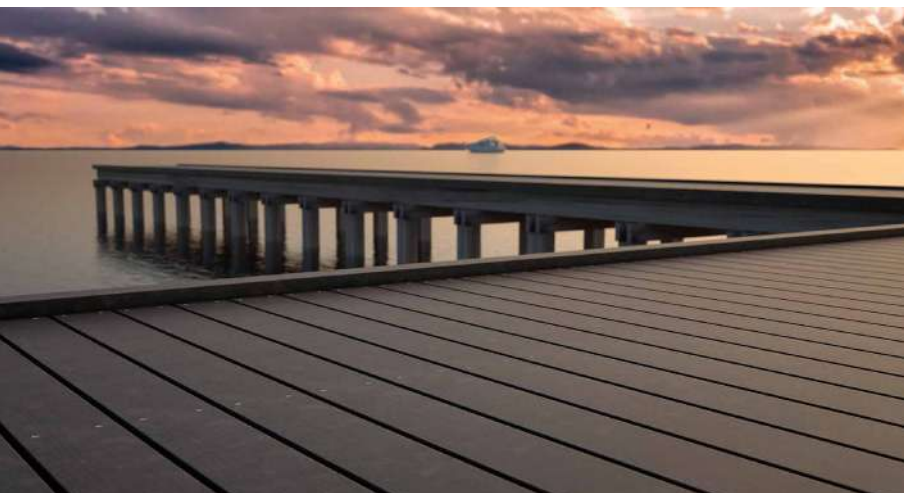
☐ C1 ☐ C2 ☐ C3 ☐ C4 ☒ C5

WOOD CORROSIVITY

☐ T1 ☐ T2 ☐ T3 ☐ T4

MATERIAL

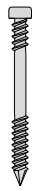
C5
EVO
COATING carbon steel with C5 EVO coating with very high corrosion resistance



FIELDS OF USE

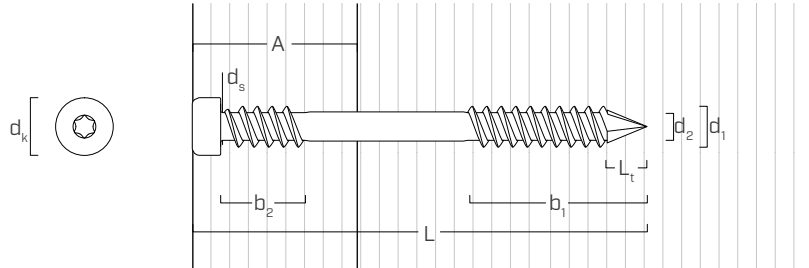
Use in aggressive outdoor environments.
Wooden boards with density of $< 780 \text{ kg/m}^3$ [$G = 0.90$] (without pre-drill) and $< 1240 \text{ kg/m}^3$ [$G = 1.55$] (with pre-drill).
WPC boards (with pre-drill).

CODES AND DIMENSIONS



d ₁	CODE	L		b ₁		b ₂		A	pcs
<div><div>[mm]</div><div>[in]</div></div>		<div><div>[mm]</div><div>[in]</div></div>	<div><div>[mm]</div><div>[in]</div></div>	<div><div>[mm]</div><div>[in]</div></div>	<div><div>[mm]</div><div>[in]</div></div>	<div><div>[mm]</div><div>[in]</div></div>	<div><div>[mm]</div><div>[in]</div></div>	<div><div>[mm]</div><div>[in]</div></div>	
5	KKZEVO550C5	50	1 15/16	22	7/8	11	7/16	1 1/8	200
0.20	KKZEVO560C5	60	2 3/8	27	1 1/16	11	7/16	1 5/16	200
#11	KKZEVO570C5	70	2 3/4	32	1 1/4	11	7/16	1 1/2	100
TX 20									

GEOMETRY



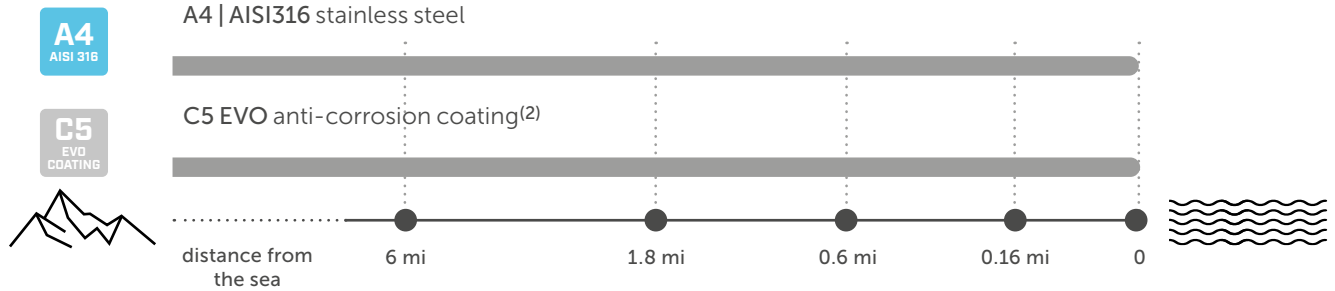
Nominal diameter	d_1	[in] ⁽¹⁾	0.20
Outer thread diameter	d_1	[mm] [in]	5 0.197
Head diameter	d_k	[in]	0.268
Root diameter	d_2	[in]	0.118
Shank diameter	d_3	[in]	0.171
Tip Length	L_t	[in]	0.197
Pre-drilling hole diameter ⁽²⁾	d_v	[in]	9/64

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

⁽²⁾For high density materials, pre-drilled holes are recommended based on the wood species.

DISTANCE FROM THE SEA

RESISTANCE TO CHLORIDE EXPOSURE⁽¹⁾



⁽¹⁾C5 is defined according to EN 14592:2022 based on EN ISO 9223.

⁽²⁾EN 14592:2022 currently limits the service life of alternative coatings to 15 years.



MAXIMUM STRENGTH

It ensures high mechanical performance even in the presence of very adverse environmental and wood corrosive conditions.