

# KKZ A2 | AISI304

## COUNTERSUNK CYLINDRICAL HEAD SCREW



### HARD WOODS

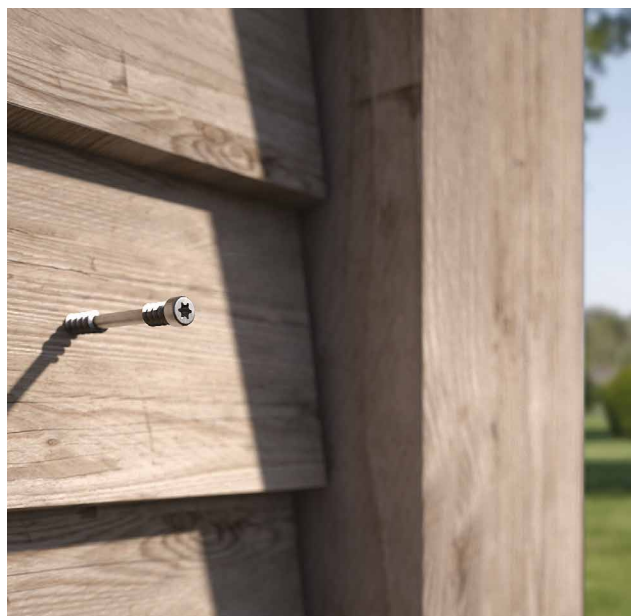
Special tip with sword-shaped geometry specially designed to efficiently drill very high density woods without pre-drill density (up to 1000 kg/m<sup>3</sup> | G = 1.20).

### 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.



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#### DIAMETER [in]

0.14 ☐ 0.20 ☐ 0.32

#### LENGTH [in]

13/16 ☐ 115/16 ☐ 2 3/4 ☐ 12 5/8

#### EXPOSURE CONDITION



#### ATMOSPHERIC CORROSIVITY

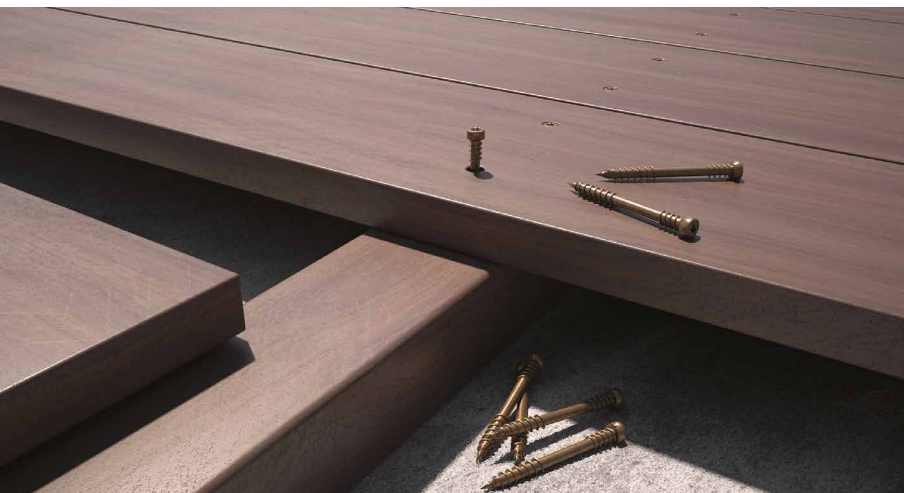


#### WOOD CORROSIVITY



#### MATERIAL

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

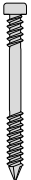


### FIELDS OF USE

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


## CODES AND DIMENSIONS

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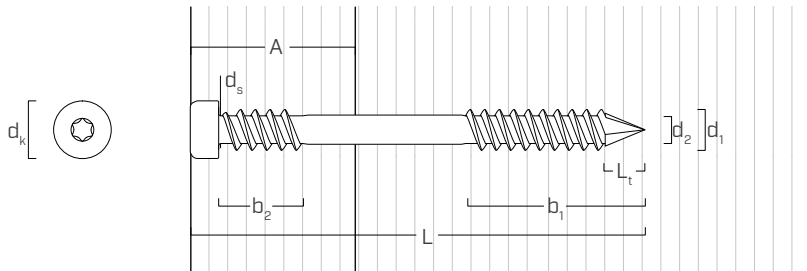
d <sub>1</sub> [mm] [in]	CODE	L [mm] [in]	b <sub>1</sub> [mm] [in]	b <sub>2</sub> [mm] [in]	A [in]	pcs
5 0.20	KKZ550	50 1 15/16	22 7/8	11 7/16	1 1/8	200
#11 TX 20	KKZ560	60 2 3/8	27 1 1/16	11 7/16	1 5/16	200
	KKZ570	70 2 3/4	32 1 1/4	11 7/16	1 1/2	100

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d <sub>1</sub> [mm] [in]	CODE	L [mm] [in]	b <sub>1</sub> [mm] [in]	b <sub>2</sub> [mm] [in]	A [in]	pcs
5 0.20	KKZB550	50 1 15/16	22 7/8	11 7/16	1 1/8	200
#11 TX 20	KKZB560	60 2 3/8	27 1 1/16	11 7/16	1 5/16	200

## GEOMETRY



Nominal diameter	d <sub>1</sub>	[in] <sup>(1)</sup>	0.20
		[mm]	5
Outer thread diameter	d <sub>1</sub>	[in]	0.197
Head diameter	d <sub>k</sub>	[in]	0.268
Root diameter	d <sub>2</sub>	[in]	0.118
Shank diameter	d <sub>s</sub>	[in]	0.171
Pre-drilling hole diameter <sup>(2)</sup>	d <sub>v</sub>	[in]	9/64

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

<sup>(2)</sup>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/m<sup>3</sup> | 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).