

COACH SCREW DIN571

CE MARKING

Screws with the CE mark, in accordance with EN 14592.

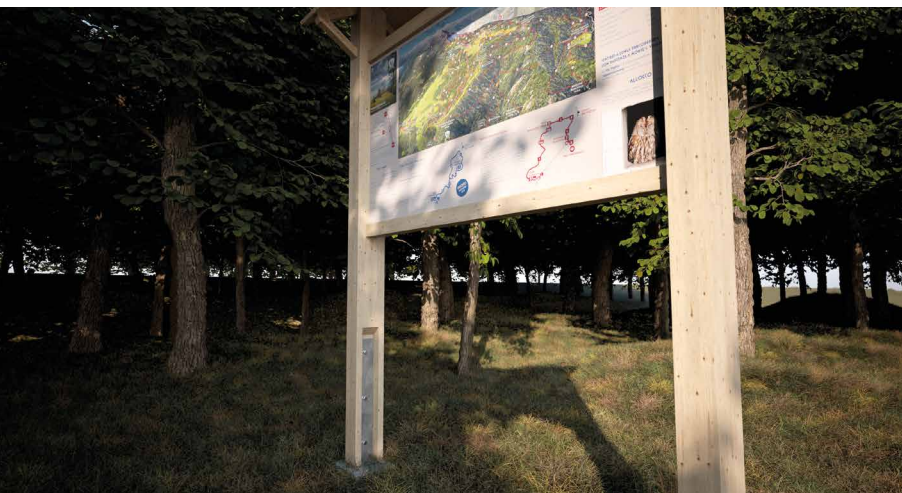
HEXAGONAL HEAD

Appropriate for use on plates in steel-to-timber applications, thanks to its hexagonal head.

OUTDOOR VERSION

Also available in stainless steel A2 | AISI304 for outdoor use.

DIAMETER [in]	0.24	0.32	0.63	0.63
LENGTH [in]	1 9/16	1 15/16	15 3/4	39 3/8
MATERIAL				
Zn ELECTRO PLATED electrogalvanized carbon steel				
A2 AISI 304 A2 AISI304 austenitic stainless steel (CRC II)				
EC1 EC2 EC3 WET C4 T4				
EC1 EC2 EC3 WET C4 T4				



FIELDS OF USE

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

CODES AND DIMENSIONS

KOP

Zn
ELECTRO
PLATED

d ₁	CODE	L	pcs
[mm]		[mm]	[in]
[in]			
8 0.32 SW 13	KOP850(*)	50	1 15/16
	KOP860	60	2 3/8
	KOP870	70	2 3/4
	KOP880	80	3 1/8
	KOP8100	100	4
	KOP8120	120	4 3/4
	KOP8140	140	5 1/2
	KOP8160	160	6 1/4
	KOP8180	180	7 1/8
	KOP8200	200	8
10 0.40 SW 17	KOP1050(*)	50	1 15/16
	KOP1060(*)	60	2 3/8
	KOP1080	80	3 1/8
	KOP10100	100	4
	KOP10120	120	4 3/4
	KOP10140	140	5 1/2
	KOP10150	150	6
	KOP10160	160	6 1/4
	KOP10180	180	7 1/8
	KOP10200	200	8
	KOP10220	220	8 5/8
	KOP10240	240	9 1/2
	KOP10260	260	10 1/4
	KOP10280	280	11
	KOP10300	300	11 3/4
12 0.48 SW 19	KOP1250(*)	50	1 15/16
	KOP1260(*)	60	2 3/8
	KOP1270(*)	70	2 3/4
	KOP1280	80	3 1/8
	KOP1290	90	3 1/2
	KOP12100	100	4
	KOP12120	120	4 3/4
	KOP12140	140	5 1/2

d ₁	CODE	L	pcs
[mm]		[mm]	[in]
[in]			
12 0.48 SW 19	KOP12150	150	6
	KOP12160	160	6 1/4
	KOP12180	180	7 1/8
	KOP12200	200	8
	KOP12220	220	8 5/8
	KOP12240	240	9 1/2
	KOP12260	260	10 1/4
	KOP12280	280	11
	KOP12300	300	11 3/4
	KOP12320	320	12 5/8
16 0.63 SW 24	KOP12340	340	13 3/8
	KOP12360	360	14 1/4
	KOP12380	380	15
	KOP12400	400	15 3/4
	KOP1680(*)	80	3 1/8
	KOP16100(*)	100	4
	KOP16120	120	4 3/4
	KOP16140	140	5 1/2
	KOP16150	150	6
	KOP16160	160	6 1/4
16 0.63 SW 24	KOP16180	180	7 1/8
	KOP16200	200	8
	KOP16220	220	8 5/8
	KOP16240	240	9 1/2
	KOP16260	260	10 1/4
	KOP16280	280	11
	KOP16300	300	11 3/4
	KOP16320	320	12 5/8
	KOP16340	340	13 3/8
	KOP16360	360	14 1/4
16 0.63 SW 24	KOP16380	380	15
	KOP16400	400	15 3/4

(*)Not holding CE marking.

AI571 - A2 | AISI304

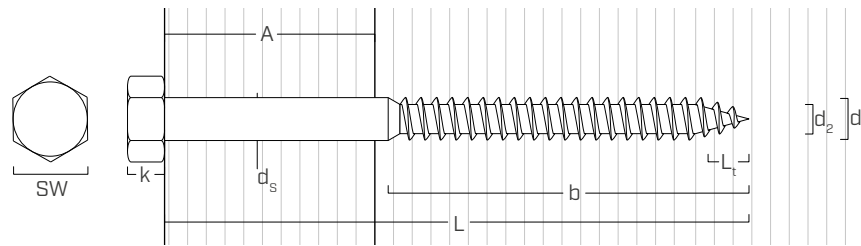
A2
AISI 304

d ₁	CODE	L	pcs
[mm]		[mm]	[in]
[in]			
8 0.32 SW 13	AI571850	50	1 15/16
	AI571860	60	2 3/8
	AI571880	80	3 1/8
	AI5718100	100	4
	AI5718120	120	4 3/4
10 0.40 SW 17	AI5711050	50	1 15/16
	AI5711060	60	2 3/8
	AI5711080	80	3 1/8
	AI57110100	100	4
	AI57110120	120	4 3/4
	AI57110140	140	5 1/2
	AI57110160	160	6 1/4
	AI57110180	180	7 1/8
	AI57110200	200	8

d ₁	CODE	L	pcs
[mm]		[mm]	[in]
[in]			
12 0.48 SW 19	AI57112100	100	4
	AI57112120	120	4 3/4
	AI57112140	140	5 1/2
	AI57112160	160	6 1/4
	AI57112180	180	7 1/8

AI571 stainless steel screws are not CE marked.

■ GEOMETRY



Nominal diameter	d_1	[in] ⁽¹⁾	0.32	0.40	0.48	0.63
		[mm]	8	10	12	16
Outer thread diameter	d_1	[in]	0.315	0.394	0.472	0.630
Wrench size	SW	-	SW 13	SW 17	SW 19	SW 24
Head thickness	k	[in]	0.217	0.276	0.315	0.398
Shank diameter	d_s	[in]	0.315	0.394	0.472	0.630
Root diameter	d_2	[in]	0.220	0.276	0.354	0.472
Tip length	L_t	[in]	0.315	0.394	0.472	0.630
Pre-drilling hole diameter - smooth part ⁽²⁾	d_{v1}	[in]	5/16	25/64	15/32	5/8
Pre-drilling hole diameter - threaded part ⁽³⁾	d_{v2}	[in]	13/64	15/64	9/32	27/64
Thread length	b	[in]	$\geq 0,6 L$			

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

⁽²⁾Pre-drilling for the shank applies to every wood species.

⁽³⁾Pre-drilling for the threaded part applies to every wood species.