

SCI A2 | AISI304

COUNTERSUNK SCREW



3 THORNS TIP

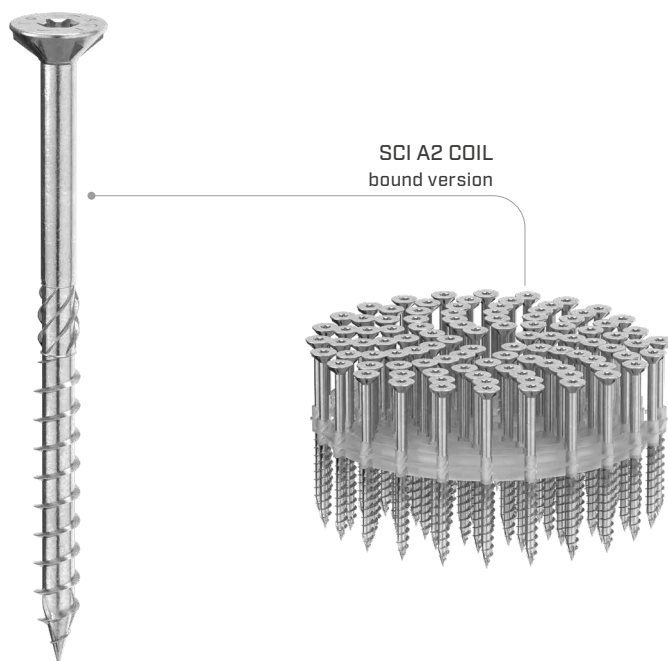
Thanks to the 3 THORNS tip, minimum installation distances are reduced. More screws can be used in less space and larger screws in smaller elements. Costs and time for project implementation are reduced.

SUPERIOR STRENGTH

New tip, special asymmetrical umbrella thread, elongated reamer cutter and under-head cutting ribs provide the screw with higher torsional strength and safer screwing.

A2 | AISI304

A2 austenitic stainless steel. It offers high corrosion resistance. Suitable for outdoor applications up to 1 km (0.62 mi) from the sea in class C4 on most acid woods in class T4.



SCI A2 COIL
bound version



DIAMETER [in]

0.14 **0.14** 0.32 0.32

LENGTH [in]

13/16 **1** 12 5/8 12 5/8

EXPOSURE CONDITION

EC1 **EC2** **EC3** **WET**

ATMOSPHERIC CORROSIVITY

C1 **C2** **C3** **C4**

WOOD CORROSIVITY

T1 **T2** **T3** **T4**

MATERIAL

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

FIELDS OF USE

Use in aggressive outdoor environments. Wooden boards with density of < 470 kg/m³ [G = 0.53] (without pre-drill) and < 620 kg/m³ [G = 0.72] (with pre-drill).



CODES AND DIMENSIONS

d ₁	CODE	L		b		A	pcs
[mm] [in]		[mm]	[in]	[mm]	[in]	[in]	
3,5 0.14 #6 TX 15	SCI3525(*)	25	1	18	11/16	1/4	500
	SCI3530(*)	30	1 3/16	18	11/16	3/8	500
	SCI3535(*)	35	1 3/8	18	11/16	1/2	500
	SCI3540(*)	40	1 9/16	18	11/16	3/4	500
4 0.16 #7 TX 20	SCI4030	30	1 3/16	18	11/16	1/4	500
	SCI4035	35	1 3/8	18	11/16	1/4	500
	SCI4040	40	1 9/16	24	15/16	1/4	500
	SCI4045	45	1 3/4	30	1 3/16	1/2	200
	SCI4050	50	1 15/16	30	1 3/16	3/4	400
	SCI4060	60	2 3/8	35	1 3/8	3/4	200
4,5 0.18 #9 TX 20	SCI4535	35	1 3/8	24	15/16	3/8	400
	SCI4540	40	1 9/16	24	15/16	1/2	400
	SCI4545	45	1 3/4	30	1 3/16	1/2	400
	SCI4550	50	1 15/16	30	1 3/16	3/4	200
	SCI4560	60	2 3/8	35	1 3/8	3/4	200
	SCI4570	70	2 3/4	40	1 9/16	1	200
	SCI4580	80	3 1/8	40	1 9/16	1 1/2	200
5 0.20 #11 TX 25	SCI5040	40	1 9/16	20	13/16	3/4	200
	SCI5045	45	1 3/4	24	15/16	3/4	200
	SCI5050	50	1 15/16	24	15/16	1	200
	SCI5060	60	2 3/8	30	1 3/16	1	200
	SCI5070	70	2 3/4	35	1 3/8	1 1/4	100
	SCI5080	80	3 1/8	40	1 9/16	1 1/2	100
	SCI5090	90	3 1/2	45	1 3/4	1 3/4	100
	SCI50100	100	4	50	1 15/16	1 3/4	100

(*)Not holding CE marking.

SCI A2 COIL

Bound version available for fast and accurate installation.
Ideal for large projects.

Compatible with KMR 3373 and KMR 3352 for Ø0.16 inch and KMR 3372 and KMR 3338 for Ø0.20 inch. For further information see page 437.

d ₁	CODE	L		b		A	pcs
[mm]		[mm]	[in]	[mm]	[in]	[in]	
[in]							
6 0.24 #14 TX 30	SCI6060	60	2 3/8	30	1 3/16	1/16	100
	SCI6080	80	3 1/8	40	1 9/16	3/8	100
	SCI60100	100	4	50	1 15/16	3/4	100
	SCI60120	120	4 3/4	60	2 3/8	2 1/4	100
	SCI60140	140	5 1/2	75	2 15/16	2 1/2	100
	SCI60160	160	6 1/4	75	2 15/16	3 1/4	100
8 0.32 TX 40	SCI80120	120	4 3/4	60	2 3/8	2 1/4	100
	SCI80160	160	6 1/4	80	3 1/8	3	100
	SCI80200	200	8	80	3 1/8	4 1/2	100
	SCI80240	240	9 1/2	80	3 1/8	6 1/4	100
	SCI80280	280	11	80	3 1/8	7 3/4	100
	SCI80320	320	12 5/8	80	3 1/8	9 1/4	100

RELATED PRODUCTS

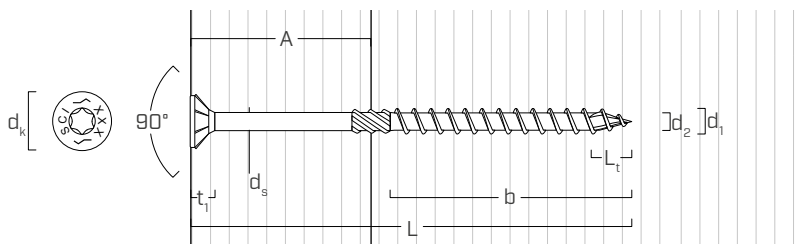


HUS A4
TURNED WASHER

see page 72

d ₁	CODE	L		b		A	pcs
[mm] [in]		[mm]	[in]	[mm]	[in]	[in]	
4 0.16 #7 TX 20	SCICOIL4025	25	1	18	11/16	1/4	3000
5 0.20 #11 TX 25	SCICOIL4050	50	1 15/16	30	1 3/16	3/4	1250
	SCICOIL4060	60	2 3/8	35	1 3/8	3/4	1250
	SCICOIL4070	70	2 3/4	40	1 9/16	1	625

GEOMETRY



Nominal diameter	d ₁	[in] ⁽¹⁾	0.14	0.16	0.18	0.20	0.24	0.32
Outer thread diameter	d ₁	[mm]	3,5	4	4,5	5	6	8
Head diameter	d _K	[in]	0.276	0.315	0.354	0.394	0.472	0.571
Root diameter	d ₂	[in]	0.089	0.100	0.110	0.134	0.156	0.213
Shank diameter	d ₃	[in]	0.096	0.108	0.124	0.144	0.169	0.228
Head thickness	t ₁	[in]	0.138	0.150	0.167	0.183	0.209	0.236
Tip length	L _t	[in]	0.138	0.157	0.177	0.197	0.236	0.315
Pre-drilling hole diameter ⁽²⁾	d _{V,G≤0.55}	[in]	-	-	-	1/8	5/32	13/64
Pre-drilling hole diameter ⁽³⁾	d _{V,G>0.55}	[in]	-	-	-	9/64	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).