

SBS A2 | AISI304

SELF-DRILLING TIMBER-TO-METAL SCREW



A2
AISI 304

BIMETAL SCREW

The head and body are made of A2 | AISI304 stainless steel, thus providing high resistant to corrosion. The tip is made of carbon steel for excellent drilling performance.

TIMBER-TO-METAL TIP

Special self-perforating tip with bleeder geometry for excellent drilling capacity both in aluminium and steel. The fins protect the screw thread during penetration into the wood.

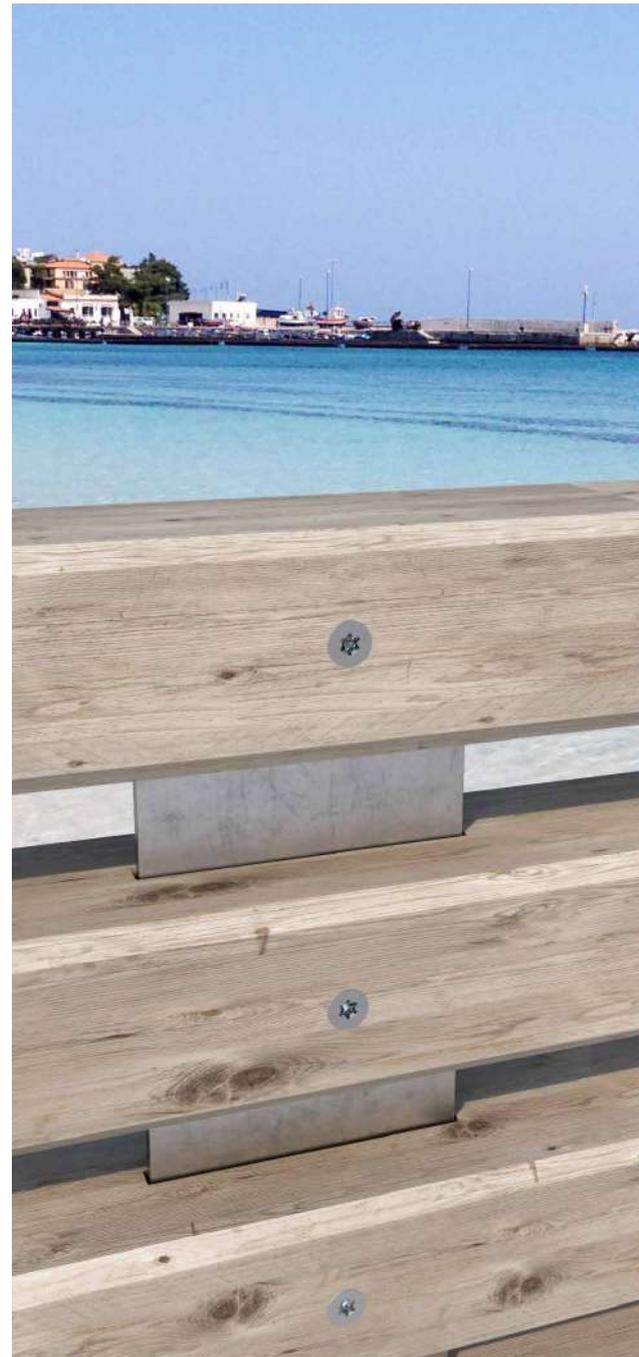
STAINLESS STEEL

The A2 | AISI304 stainless steel head and body make it ideal for outdoor applications. Very sharp under-head ribs for a perfect surface finish on the wooden element.



CHARACTERISTICS

FOCUS	self-perforating tip with protective fins
HEAD	countersunk with under-head ribs
DIAMETER	from 4,8 to 6,3 mm
LENGTH	from 45 to 120 mm



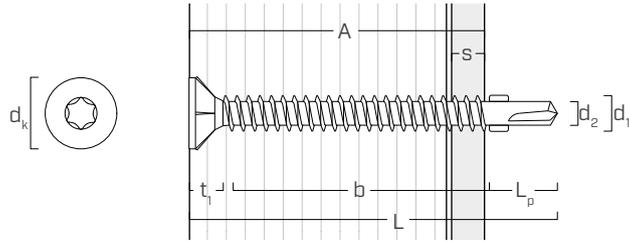
MATERIAL

A2 | AISI304 stainless steel.

FIELDS OF USE

Use in aggressive outdoor environments. Suitable for service classes 1-2-3. Direct fastening, without pre-drill, of wooden elements to steel (maximum thickness 6,0 mm) or aluminium (maximum thickness 8,0 mm) substructures.

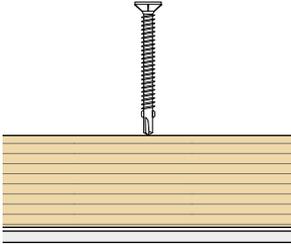
GEOMETRY



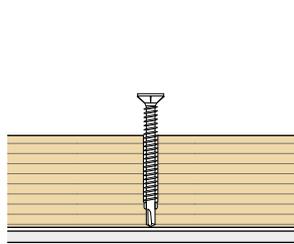
Nominal diameter	d_1	[mm]	4,8	5,5	6,3
Head diameter	d_k	[mm]	9,25	10,50	10,50
Tip diameter	d_2	[mm]	3,50	4,15	4,80
Head thickness	t_1	[mm]	4,25	4,85	4,50
Tip length	L_p	[mm]	10,25	10,00	12,00

INSTALLATION

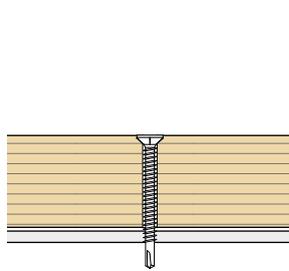
01



02



03



Recommended screwing:
 ≈ 1000 - 1500 rpm (steel plate)
 ≈ 600 - 1000 rpm (aluminium plate)

CODES AND DIMENSIONS

d_1 [mm]	CODE	L [mm]	b [mm]	A [mm]	s_1 [mm]	s_2 [mm]	pcs
4,8 TX 25	SBSA24845	45	31	30	1 ÷ 3	2 ÷ 3	200
5,5 TX 25	SBSA25555	55	39	37	2 ÷ 5	3 ÷ 5	200

d_1 [mm]	CODE	L [mm]	b [mm]	A [mm]	s_1 [mm]	s_2 [mm]	pcs
6,3 TX 30	SBSA26370	70	53	49	3 ÷ 6	4 ÷ 8	100
	SBSA263120	120	103	99	3 ÷ 6	4 ÷ 8	100

s_1 thickness, steel plate S235/St37
 s_2 thickness, aluminium plate



OUTDOOR ENVIRONMENT

The A2 | AISI304 stainless steel makes it ideal for use outdoors or in aggressive environments.