


BSS | PPS

TIMBER-TO-METAL SELF-DRILLING SCREW

- For direct fastening of timber elements to steel substructures without pre-holes
- The fins protect the screw thread during timber pull-through. They guarantee maximum threading efficiency in metal and perfect adhesion between the thickness of the timber and the metal
- The PPS version with partial thread is ideal for fastening SIP and sandwich panels to metal, even in thick layers, thanks to the complete range of lengths up to 240 mm
- Very sharp under-head ribs for a perfect surface finish on the wooden element
- Special self-perforating tip with bleeder geometry for excellent drilling capacity both in aluminium (thickness: up to 10 mm) and steel (thickness: up to 8 mm)



 Data sheet available online



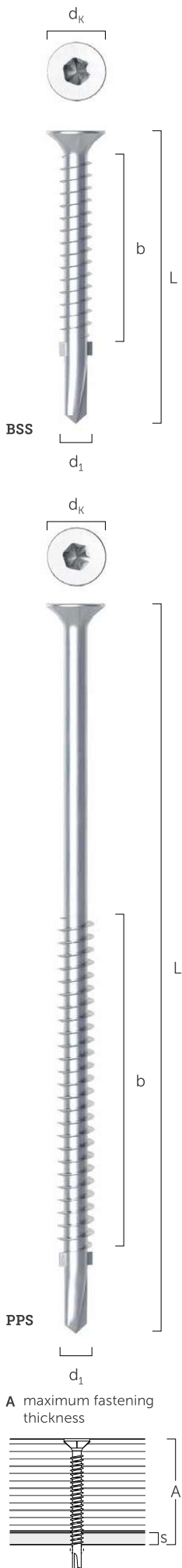
BSS

d ₁	d _k	CODE	L		b		A		s ₁		s ₂		pcs
[mm] [in]	[mm] [in]		[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	
4,2 0,17 TX 20	8,00 0,315	BSS4232	32	1 1/4	19	3/4	17	11/16	1 ÷ 3	0.039÷0.118	2 ÷ 4	0.079÷0.157	500
		BSS4238	38	1 1/2	25	1	23	7/8	1 ÷ 3	0.039÷0.118	2 ÷ 4	0.079÷0.157	500
4,8 0,19 TX 25	9,25 0,364	BSS4838	38	1 1/2	23	7/8	21	13/16	2 ÷ 4	0.079÷0.157	3 ÷ 5	0.118÷0.197	200
		BSS4845	45	1 3/4	30	1 3/16	28	1 1/8	2 ÷ 4	0.079÷0.157	3 ÷ 5	0.118÷0.197	200
5,5 0,22 TX 30	10,50 0,413	BSS5545	45	1 3/4	29	1 1/8	26	1 1/32	3 ÷ 5	0.118÷0.197	4 ÷ 6	0.157÷0.236	200
		BSS5550	50	1 15/16	34	1 5/16	31	1 1/4	3 ÷ 5	0.118÷0.197	4 ÷ 6	0.157÷0.236	200
6,3 0,25 TX 30	12,00 0,472	BSS6360	60	2 3/8	40	1 9/16	36	1 7/16	4 ÷ 6	0.157÷0.236	6 ÷ 8	0.236÷0.315	100
		BSS6370	70	2 3/4	50	1 15/16	46	1 13/16	4 ÷ 6	0.157÷0.236	6 ÷ 8	0.236÷0.315	100
		BSS6385	85	3 3/8	65	2 9/16	61	2 3/8	4 ÷ 6	0.157÷0.236	6 ÷ 8	0.236÷0.315	100
		BSS63100	100	4	80	3 1/8	76	3	4 ÷ 6	0.157÷0.236	6 ÷ 8	0.236÷0.315	100

PPS

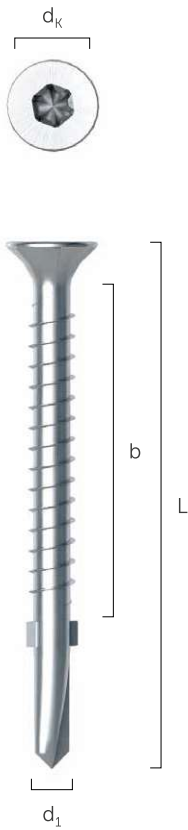
d ₁	d _k	CODE	L		b		A		s ₁		s ₂		pcs
[mm] [in]	[mm] [in]		[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	
6,3 0,25 TX 30	12,50 0,492	PPS63125	125	4 15/16	60	2 3/8	96	3 3/4	6 ÷ 8	0.236÷0.315	8 ÷ 10	0.315÷0.394	100
		PPS63145	145	5 11/16	60	2 3/8	116	4 9/16	6 ÷ 8	0.236÷0.315	8 ÷ 10	0.315÷0.394	100
		PPS63165	165	6 1/2	60	2 3/8	136	5 3/8	6 ÷ 8	0.236÷0.315	8 ÷ 10	0.315÷0.394	100
		SPP63180	180	7 1/8	60	2 3/8	151	5 15/16	6 ÷ 8	0.236÷0.315	8 ÷ 10	0.315÷0.394	100
		SPP63200	200	8	60	2 3/8	171	6 3/4	6 ÷ 8	0.236÷0.315	8 ÷ 10	0.315÷0.394	100
		SPP63220	220	8 5/8	60	2 3/8	191	7 1/2	6 ÷ 8	0.236÷0.315	8 ÷ 10	0.315÷0.394	100
		SPP63240	240	9 1/2	60	2 3/8	211	8 5/16	6 ÷ 8	0.236÷0.315	8 ÷ 10	0.315÷0.394	100

s₁ thickness, steel plate S235/St37
s₂ thickness, aluminium plate




SBS A2

BI-METAL TIMBER-TO-METAL SELF-DRILLING SCREW



- The head and body are made of A2 | AISI304 stainless steel, thus providing high resistant to corrosion
- Special self-perforating tip in carbon steel with bleeder geometry for excellent drilling capacity both in aluminium and steel
- The fins protect the screw thread during timber pull-through
- The A2 | AISI304 stainless steel head and body make it ideal for outdoor applications in aggressive environments
- Very sharp under-head ribs for a perfect surface finish on the wooden element
- Direct fastening, without pre-drilling hole, of timber elements to steel substructures (maximum thickness: 6,0 mm)

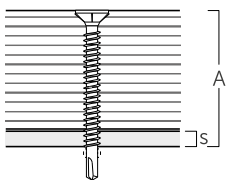


 [Data sheet available online](#)

A2
AISI 304



A maximum fastening thickness



d ₁	d _k	CODE	L	b	A	s ₁	s ₂	pcs
[mm] [in]	[mm] [in]		[mm] [in]	[mm] [in]	[mm] [in]	[mm] [in]	[mm] [in]	
4,8 0.19	9,25 0.364	SBSA24845	45 1 3/4	31 1 1/4	30 1 3/16	1 + 3 0.039÷0.118	2+3 0.039÷0.118	200
5,5 0.22	10,50 0.413	SBSA25555	55 2 3/16	39 1 9/16	37 1 7/16	2 + 5 0.079÷0.197	3 + 5 0.079÷0.197	200
6,3 0.25	10,50 0.413	SBSA26370	70 2 3/4	53 2 1/16	49 1 15/16	3+6 0.118÷0.236	4+8 0.118÷0.236	100
		SBSA263120	120 4 3/4	103 4 1/16	99 3 7/8	3+6 0.118÷0.236	4+8 0.118÷0.236	100

s₁ thickness, steel plate S235/St37
 s₂ thickness, aluminium plate



Always at the retailer's side

The **TECHNICAL CONSULTANT** who follows you is also the first point of reference for any doubt about the installation or for a simple advice to train employees, setting up the store and solving general problems.

Moreover, all our customers can count on a **CUSTOMER SERVICE** and on the **TECHNICAL SUPPORT** of our engineers.

Make it easy.