

HBS PLATE A4

PAN HEAD SCREW FOR PLATES



A4 | AISI316

HBS PLATE version in A4 | AISI316 austenitic stainless steel for high corrosion resistance. Ideal for environments adjacent to the sea in corrosivity class C5 and for insertion on the most aggressive timbers in class T5.

STEEL-TO-TIMBER CONNECTIONS

The under-head shoulder achieves an interlocking effect with the circular hole in the plate, thus guaranteeing excellent static performance. The edgeless geometry of the head reduces stress concentration points and enhances the screw strength.

T5 TIMBER CORROSIVITY

Suitable for use in applications on aggressive woods with an acidity (pH) level below 4 such as oak, Douglas fir and chestnut, and in wood moisture conditions above 20%.

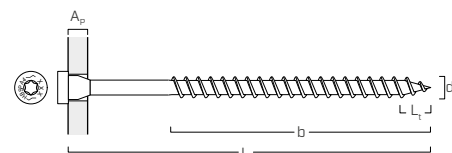


CODES AND DIMENSIONS

d ₁	CODE	L		b		A _p	pcs
[mm] [in]		[mm]	[in]	[mm]	[in]	[in]	
8 0.32 TX 40	HBSP860A4	60	2 3/8	52	2 1/16	1/32 - 3/8	100
	HBSP880A4	80	3 1/8	55	2 3/16	1/32 - 9/16	100
	HBSP8100A4	100	4	75	2 15/16	1/32 - 9/16	100
	HBSP8120A4	120	4 3/4	95	3 3/4	1/32 - 9/16	100
	HBSP8140A4	140	5 1/2	110	4 3/8	1/32 - 13/16	100
	HBSP8160A4	160	6 1/4	130	5 1/8	1/32 - 13/16	100
10 0.40 TX 40	HBSP1080A4	80	3 1/8	60	2 3/8	1/32 - 3/8	50
	HBSP10100A4	100	4	75	2 15/16	1/32 - 9/16	50
	HBSP10120A4	120	4 3/4	95	3 3/4	1/32 - 9/16	50
	HBSP10140A4	140	5 1/2	110	4 3/8	1/32 - 13/16	50
	HBSP10160A4	160	6 1/4	130	5 1/8	1/32 - 13/16	50
	HBSP10180A4	180	7 1/8	150	6	1/32 - 13/16	50
12 0.48 TX 50	HBSP12100A4	100	4	75	2 15/16	1/32 - 9/16	25
	HBSP12120A4	120	4 3/4	90	3 1/2	1/32 - 13/16	25
	HBSP12140A4	140	5 1/2	110	4 3/8	1/32 - 13/16	25
	HBSP12160A4	160	6 1/4	120	4 3/4	1/32 - 13/16	25
	HBSP12180A4	180	7 1/8	140	5 1/2	1/32 - 13/16	25
	HBSP12200A4	200	8	160	6 1/4	1/32 - 13/16	25



GEOMETRY



DIAMETER [in]

0.14 0.32 0.48 0.48

LENGTH [in]

1 2 3/8 8 8

EXPOSURE CONDITION

☒ EC1 ☒ EC2 ☒ EC3 ☒ EC4 ☒ WET

ATMOSPHERIC CORROSIVITY

☒ C1 ☒ C2 ☒ C3 ☒ C4 ☒ C5

WOOD CORROSIVITY

☒ T1 ☒ T2 ☒ T3 ☒ T4 ☒ T5

MATERIAL

A4
AISI 316 A4 | AISI316 austenitic stainless steel (CRC III)