

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-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 gives the screw strength.

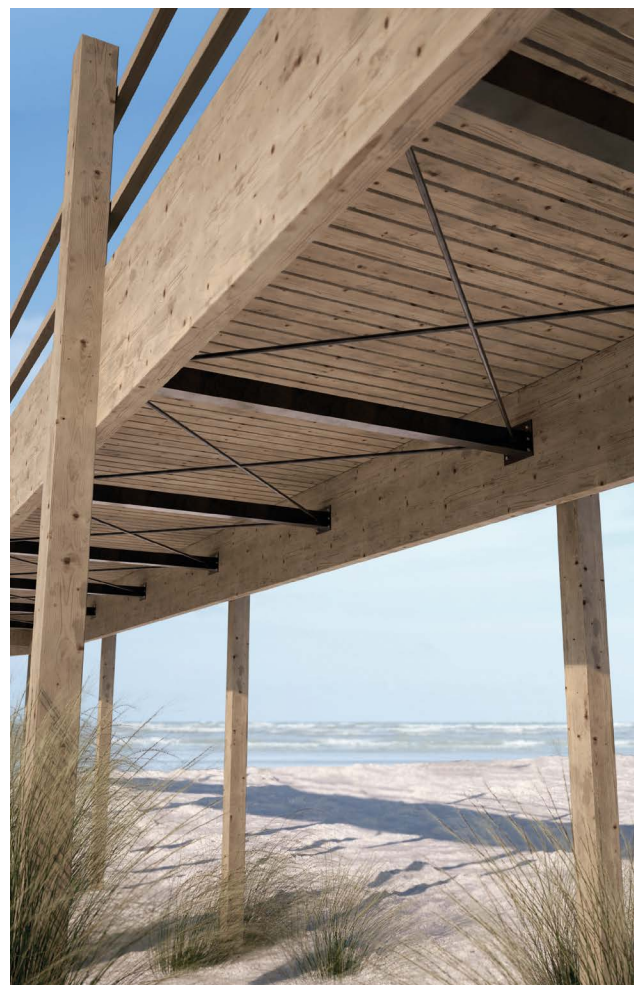
T5 TIMBER CORROSIVITY

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%.

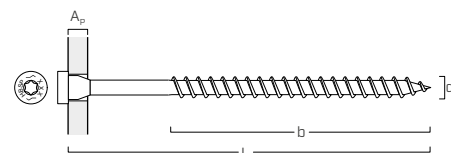


CODES AND DIMENSIONS

d ₁ [mm]	CODE	L [mm]	b [mm]	A _p [mm]	pcs
8 TX 40	HBSP860A4	60	52	1÷10	100
	HBSP880A4	80	55	1÷15	100
	HBSP8100A4	100	75	1÷15	100
	HBSP8120A4	120	95	1÷15	100
	HBSP8140A4	140	110	1÷20	100
	HBSP8160A4	160	130	1÷20	100
10 TX 40	HBSP1080A4	80	60	1÷10	50
	HBSP10100A4	100	75	1÷15	50
	HBSP10120A4	120	95	1÷15	50
	HBSP10140A4	140	110	1÷20	50
	HBSP10160A4	160	130	1÷20	50
	HBSP10180A4	180	150	1÷20	50
12 TX 50	HBSP12100A4	100	75	1÷15	25
	HBSP12120A4	120	90	1÷20	25
	HBSP12140A4	140	110	1÷20	25
	HBSP12160A4	160	120	1÷30	25
	HBSP12180A4	180	140	1÷30	25
	HBSP12200A4	200	160	1÷30	25



GEOMETRY



DIAMETER [mm]

3,5 8 12 12

LENGTH [mm]

25 60 200 200

SERVICE CLASS

☒ SC1 ☒ SC2 ☒ SC3 ☒ SC4

ATMOSPHERIC CORROSIVITY

☒ C1 ☒ C2 ☒ C3 ☒ C4 ☒ C5

WOOD CORROSIVITY

☒ T1 ☒ T2 ☒ T3 ☒ T4 ☒ T5

MATERIAL



A4 | AISI316 austenitic stainless steel (CRC III)