



**A/B/D/E Shipbuilding Bulb Plate**

A/B/D/E Shipbuilding Bulb Plate is one kind of special section steel. A/B/D/E Shipbuilding Bulb Plate is made up of flat web and spherical ball head, is one of the most popular shipbuilding section steel. A/B/D/E Shipbuilding Bulb Plate is mainly used as stiffeners of shipbuilding plate, equal to person's ribs.

**A/B/D/E Shipbuilding Bulb Plate Chemical Composition:**

Grade	A	B	D	E
	%,max	%,max	%,max	%,max
C	0.21	0.21	0.21	0.18
Mn(min)	2.5*C	0.60	0.60	0.70
Si	0.50	0.35	0.10-0.35	0.10-0.35
S	0.35	0.35	0.35	0.35
P	0.35	0.35	0.35	0.35
C+Mn/6	0.40	0.40	0.40	0.40

**A/B/D/E Shipbuilding Bulb Plate Normalized Mechanical properties:**

Grade	Yield Strength min	Tensile strength	Elongation,%,min	
	M pa	M pa	200mm	50mm
A/B/D/E	235	400-520	21	24

Grade	A	B	D	E
T (°C)	20	0	-20	-40
Impact energy	--	20	20	20

**The advantages of A/B/D/E Shipbuilding Bulb Plate:**

- 1, A/B/D/E Shipbuilding Bulb Plate has flat and smooth external surfaces.
- 2, The raw material of A/B/D/E Shipbuilding Bulb Plate is melted iron, it has less harmful elements, which makes A/B/D/E Shipbuilding Bulb Plate have a better quality.
- 3, We use continuous casting to produce A/B/D/E Shipbuilding Bulb Plate, it means A/B/D/E Shipbuilding Bulb Plate has high dimensional accuracy.

**We can provide the classification society certificate as below:**

CCS, ABS, GL, LR, DNV, BV, NK, KR, RINA and RMRS.

Shanghai Katalor Enterprises Co.,Ltd is specialized in producing and selling A/B/D/E



**SHANGHAI KATALOR ENTERPRISES CO., LTD.**

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Shipbuilding Bulb Plate, please contact us immediately if you have any requirements.

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**ONCE BELIEVE,TRUST FOREVER!**