

TABLE 1
(Coamings 24 inches in height)

HATCHWAY Beams and Fore-and-Afters for Ships 200 feet or more in length*

HATCHWAY BEAMS

Breadth of Hatchway.	Mounting.	Beams with Fore-and-Afters.				Beams without Fore-and-Afters.	
		Spacing Centre to Centre.				Spacing Centre to Centre.	
		6' 0"	8' 0"	10' 0"	10' 0"	4' 0"	5' 0"
10' 0"	ins. 3 × 3 × 40A	ins. 11 × .30P	ins. 12 × .32P	ins. 14 × .34P	ins. 14 × .34P	ins. 9 × .46BP	ins. 10 × .50BP
12' 0"	3 × 3 × 40A	12 × .32P	14 × .34P	17 × .36P	17 × .36P	11 × .50BP	12 × .50BP
14' 0"	3 × 3 × 42A	14 × .34P	17 × .36P	20 × .38P	20 × .38P	12 × .50BP	12 × .32P
16' 0"	3½ × 3 × 42A	16 × .36P	19 × .38P	22 × .38P	22 × .38P	12 × .32P	14 × .34P
18' 0"	4 × 3 × 44A	18 × .36P	21 × .38P	25 × .40P	25 × .40P	14 × .34P	16 × .36P
20' 0"	4 × 3 × 44A	20 × .38P	24 × .40P	28 × .42P	28 × .42P	15 × .34P	18 × .36P
22' 0"	4½ × 3 × 46A	22 × .38P	26 × .42P	30 × .44P	30 × .44P	16 × .36P	19 × .36P
24' 0"	5 × 3½ × 46A	23 × .40P	28 × .42P	32 × .44P	32 × .44P	17 × .36P	20 × .38P
26' 0"	5½ × 3½ × 48A	24 × .40P	29 × .42P	34 × .46P	34 × .46P	18 × .36P	21 × .38P
28' 0"	6 × 3½ × 50A	25 × .40P	31 × .44P	36 × .48P	36 × .48P	19 × .38P	22 × .38P
30' 0"	6 × 3½ × 52A	26 × .42P	32 × .44P	38 × .48P	38 × .48P	20 × .38P	23 × .40P

*In ships not exceeding 100 feet in length, the depths of beams which are formed of plates and angles may be 60 per cent of the depths given above; the depths of beams and steel fore-and-afters formed of bulb angle or bulb plate section may be 80 per cent of the depths given above; the thickness of plates, bulb angles and bulb plates should correspond to the thickness tabulated for the reduced depths with a minimum thickness of .30 inch; the depths and breadths of wood fore-and-afters may be 80 per cent of those given in the tables for side fore-and-afters, but the centre fore-and-afters must be not less than 6½ inches wide. In ships between 100 feet and 200 feet in length, the sizes of the beams and fore-and-afters are to be determined by linear interpolation.