



SEASTALLION™ SUBSEA BOLT TENSIONER SELECTION CHART

A.N.S.I. and M.S.S. Weld Neck Flanges up to 36" nominal diameter.

FLANGE RATING																					
NOMINAL PIPE DIA. (in.)	150 LB			300 LB			400 LB			600 LB			900 LB			1500 LB			2500 LB		
	No. of Bolts	Bolt Dia.	Tool No.	No. of Bolts	Bolt Dia.	Tool No.	No. of Bolts	Bolt Dia.	Tool No.	No. of Bolts	Bolt Dia.	Tool No.	No. of Bolts	Bolt Dia.	Tool No.	No. of Bolts	Bolt Dia.	Tool No.	No. of Bolts	Bolt Dia.	Tool No.
1/2"																4	3/4"	1	8	8	1
3/4"																4	3/4"	1	4	3/4"	1
1"																4	7/8"	1	4	7/8"	1
1 1/4"																4	7/8"	1	4	1"	2
1 1/2"																4	1"	2	4	1 1/8"	2
2"																8	7/8"	1	8	1"	2
2 1/2"				8	3/4"	1				8	3/4"	1				8	1"	2	8	1 1/8"	2
3"				8	3/4"	1				8	3/4"	1	8	7/8"	1	8	1 1/8"	2	8	1 1/4"	3
4"				8	3/4"	1				8	7/8"	1	8	1 1/8"	2	8	1 1/4"	3	8	1 1/2"	4
5"	8	3/4"	1	8	3/4"	1				8	1"	2	8	1 1/4"	3	8	1 1/2"	4	8	1 3/4"	5
6"	8	3/4"	1	12	3/4"	1				12	1"	2	12	1 1/8"	2	12	1 3/8"	3	8	2"	5
8"	8	3/4"	1	12	7/8"	1	12	1"	2	12	1 1/8"	2	12	1 3/8"	3	12	1 5/8"	4	12	2"	5
10"	12	7/8"	1	16	1"	2	16	1 1/8"	2	16	1 1/4"	3	16	1 3/8"	3	12	1 7/8"	5	12	2 1/2"	6
12"	12	7/8"	1	16	1 1/8"	2	16	1 1/4"	3	20	1 1/4"	3	20	1 3/8"	3	16	2"	5	12	2 3/4"	6
14"	12	1"	2	20	1 1/8"	2	20	1 1/4"	3	20	1 3/8"	3	20	1 1/2"	4	16	2 1/4"	6			
16"	16	1"	2	20	1 1/4"	3	20	1 3/8"	3	20	1 1/2"	4	20	1 5/8"	4	16	2 1/2"	6			
18"	16	1 1/8"	2	24	1 1/4"	3	24	1 3/8"	3	20	1 5/8"	4	20	1 7/8"	5	16	2 3/4"	6			
20"	20	1 1/8"	2	24	1 1/4"	3	24	1 1/2"	4	24	1 5/8"	4	20	2"	5	16	3"	7			
22"	20	1 1/4"	3	24	1 1/2"	4	24	1 5/8"	4	24	1 3/4"	5									
24"	20	1 1/2"	3	24	1 1/2"	4	24	1 3/4"	5	24	1 7/8"	5	20	2 1/2"	6	16	3 1/2"	7			
26"	24	1 1/4"	3	28	1 5/8"	4	28	1 3/4"	5	28	1 7/8"	5	20	2 3/4"	6						
28"	28	1 1/4"	3	28	1 5/8"	4	28	1 7/8"	5	28	2"	5	20	3"	7						
30"	28	1 1/2"	3	28	1 3/4"	5	28	2"	5	28	2"	5	20	3"	7						
32"	28	1 1/2"	4	28	1 7/8"	5	28	2"	5	28	2 1/4"	6	20	3 1/4"	7						
34"	32	1 1/2"	4	28	1 7/8"	5	28	2"	5	28	2 1/4"	6	20	3 1/2"	7						
36"	32	1 1/2"	4	32	2"	5	32	2"	5	28	2 1/2"	6	20	3 1/2"	7						

Note 1:

The chart indicates the SEASTALLION™ tool most suitable for any chosen flange.

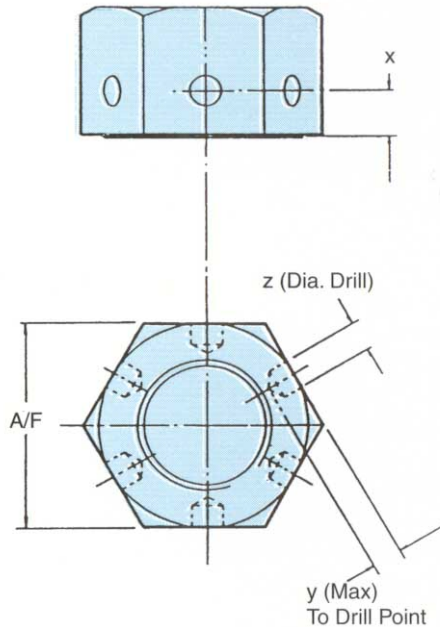
Note 2:

Our technical department will be pleased to advise on suitability of the SEASTALLION™ tool for larger pipe diameters and non-standard flanges.

Note 3:

Where swivel or lap joint flanges are to be tensioned, please provide details for our technical department to confirm that the selected SEASTALLION™ tool will fit.

IMPERIAL DRILLED HEXAGON NUTS FOR USE WITH SEASTALLION™ BOLT TENSIONING EQUIPMENT



Nominal Thread Diameter (d)	A/F (inches)	X	Y	Z	Tommy Bar Size
3/4"	1.250	9	5*	6.2	6
7/8"	1.437	9	5*	6.2	6
1"	1.625	9	6*	6.2	6
1 1/8"	1.812	9	6*	6.2	6
1 1/4"	2.000	12	8*	8.2	8
1 3/8"	2.187	12	8*	8.2	8
1 1/2"	2.375	15	9	10.2	10
1 5/8"	2.562	15	9	10.2	10
1 3/4"	2.750	15	10	10.2	10
1 7/8"	2.937	15	10	10.2	10
2"	3.125	18	12	12.4	12
2 1/4"	3.500	18	12	12.4	12
2 1/2"	3.875	21	14	14.4	14
2 3/4"	4.250	21	14	14.4	14
3"	4.625	24	16	16.4	16
3 1/4"	5.000	24	17	16.4	16
3 1/2"	5.375	24	18	16.4	16
3 3/4"	5.750	24	18	16.4	16
4"	6.125	24	18	16.4	16

NOTE 1:

Across Flats (A/F) dimensions taken from BS 4882 Heavy Series and A.N.S.I. B18.2.2 Table 8.

NOTE 2:

Tommy Bar Holes are only required when using SEASTallion™ bolt tensioners. Standard INTEGRA bolt tensioners for use above water are supplied with sockets and therefore do not require drilled nuts.

NOTE 3:

All above dimensions are millimeters unless otherwise specified.

NOTE 4:

Information provided on this Data Sheet is provided for guidance only and is subject to change without prior notice.