

Compiled By: Mike Heaviside
 Position: Engineering Team Leader
 Date Compiled: 19-Aug-2005
 Checked By:
 Position:
 Document No. T-ENG-0083
 Revision: AB

MSS SP44 Weld Neck Flanges - HL Tensioner Selection Chart

Nominal Pipe Size	CLASS 150			CLASS 300			CLASS 400			CLASS 600			CLASS 900		
	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.
24"	20	1.1/4"	HL01	24	1.1/2"	HL02,HL03	24	1.3/4"	HL03	24	1.7/8"	HL03,HL04			
26"	24	1.1/4"	HL01,HL02	28	1.5/8"	HL03	28	1.3/4"	HL03	28	1.7/8"	HL04	20	2.3/4"	HL07
28"	28	1.1/4"	HL01,HL02	28	1.5/8"	HL03,HL04	28	1.7/8"	HL04	28	2"	HL04	20	3"	HL08
30"	28	1.1/4"	HL01,HL02	28	1.3/4"	HL03,HL04	28	2"	HL04	28	2"	HL04,HL05	20	3"	HL08,HL85
32"	28	1.1/2"	HL02,HL03	28	1.7/8"	HL04,HL05	28	2"	HL04,HL05				20	3.1/4"	HL85
34"	32	1.1/2"	HL02,HL03	28	1.7/8"	HL04,HL05	28	2"	HL04,HL05	28	2.1/4"	HL05,HL06	20	3.1/2"	HL85
36"	32	1.1/2"	HL02,HL03	32	2"	HL04,HL05	32	2"	HL04,HL05	28	2.1/2"	HL06	20	3.1/2"	HL85
38"	32	1.1/2"	HL02,HL03	32	1.1/2"	HL02	32	1.3/4"	HL03	28	2.1/4"	HL05	20	3.1/2"	HL85
40"	36	1.1/2"	HL02,HL03	32	1.5/8"	HL03	32	1.7/8"	HL04	32	2.1/4"	HL05	24	3.1/2"	HL85
42"	36	1.1/2"	HL02,HL03							28	2.1/2"	HL06	24	3.1/2"	HL85
44"	40	1.1/2"	HL02,HL03	32	1.3/4"	HL03	32	2"	HL04	32	2.1/2"	HL06			
46"	40	1.1/2"	HL02,HL03				36	2"	HL04	32	2.1/2"	HL06			
48"	44	1.1/2"	HL02,HL03				28	2.1/4"	HL05	32	2.3/4"	HL07	24	4"	HL10
50"	44	1.3/4"	HL03,HL04	32	2"	HL04	32	2.1/4"	HL05	28	3"	HL08			
52"	44	1.3/4"	HL03,HL04				32	2.1/4"	HL05	32	3"	HL08			
54"	44	1.3/4"	HL03,HL04	28	2.1/4"	HL05	28	2.1/2"	HL06	32	3"	HL08			
56"	48	1.3/4"	HL03,HL04				32	2.1/2"	HL06						
58"	48	1.3/4"	HL03,HL04				32	2.1/2"	HL06	32	3.1/4"	HL85			
60"	52	1.3/4"	HL03,HL04				32	2.3/4"	HL07	28	3.1/2"	HL85			