



**DelTech Controls, L.L.C.**

Technical Data Sheet  
BOLTS / STUDS / SCREWS SPECIFICATIONS

T.D.S NO :50/52-089-00

Issue Date : AUG 2007

Revision no:        Revision Date:

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**FLANGE BOLTS, SCREWS & STUDS REQUIRED FOR VALVES BETWEEN #125 / #150 ANSI FLANGES.**

Valve Size	WAFER VALVE USING HEX BOLT AND ONE HEX NUT .		
	Diameter	Length	Number Required
	Inch	Inch	
2" (50)	5/8-11	4 1/4	4
2.5" (65)	5/8-11	4 1/2	4
3" (80)	5/8-11	4 3/4	4
4" (100)	5/8-11	5	8
5" (125)	3/4-10	5 1/4	8
6" (150)	3/4-10	5 1/4	8
8" (200)	3/4-10	6	8
10" (250)	7/8-9	6 1/4	12
12" (300)	7/8-9	6 3/4	12
14" (350)	1-8	7 1/4	12
16" (400)	1-8	8 1/4	16
18" (450)	1 1/8-7	9 1/4	16
20" (500)	1 1/8-7	10	20
24"(600)	1 1/4-7	11 1/2	20

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**FLANGE BOLTS, SCREWS & STUDS REQUIRED FOR VALVES BETWEEN #125/#150 ANSI FLANGES.**

Valve Size	LUG VALVE WITH TAPPED HOLES USING TWO HEX SCREWS		
	Diameter	Length	Number Required
	Inch	Inch	
2" (50)	5/8-11	1 1/2	8
2.5" (65)	5/8-11	1 3/4	8
3" (80)	5/8-11	1 3/4	8
4" (100)	5/8-11	1 3/4	16
5" (125)	3/4-10	2	16
6" (150)	3/4-10	2	16
8" (200)	3/4-10	2 1/4	16
10" (250)	7/8-9	2 1/4	24
12" (300)	7/8-9	2 3/4	24
14" (350)	1-8	2 3/4	24
16" (400)	1-8	3 1/4	32
18" (450)	1 1/8-7	3 1/2	32
20" (500)	1 1/8-7	4	40
24"(600)	1 1/4-7	4 3/4	40

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**FLANGE BOLTS, SCREWS & STUDS REQUIRED FOR VALVES BETWEEN #125/#150 ANSI FLANGES.**

Valve Size	WAFER OR LUG VALVE USING STUD AND TWO HEX NUTS		
	Diameter	Length	Number Required
	Inch	Inch	
2" (50)	5/8-11	5	4
2.5" (65)	5/8-11	5 1/4	4
3" (80)	5/8-11	5 1/2	4
4" (100)	5/8-11	5 3/4	8
5" (125)	3/4-10	6 1/4	8
6" (150)	3/4-10	6 1/4	8
8" (200)	3/4-10	7	8
10" (250)	7/8-9	7 1/4	12
12" (300)	7/8-9	7 3/4	12
14" (350)	1-8	8 1/2	12
16" (400)	1-8	9 1/2	16
18" (450)	1 1/8-7	10 1/4	16
20" (500)	1 1/8-7	11 1/4	20
24"(600)	1 1/4-7	13	20

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