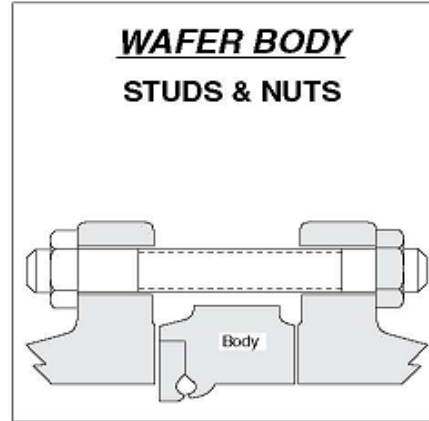
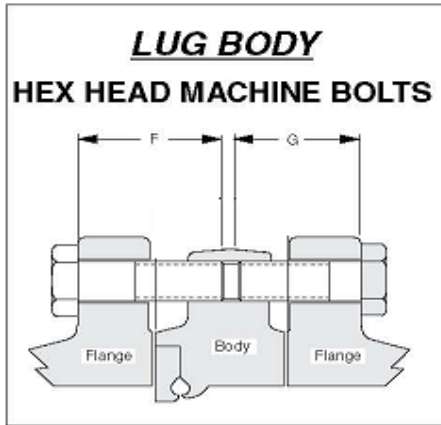


**Series 76/77 High Performance**  
ANSI 300 Bolt Dimensions



	Qty	Length	Qty	Length
	F	F	G	G
2"	8	1.5	8	2
2.5"	8	1.75	8	2
3"	8	2.12	8	0.75
4"	8	2.5	8	2
5"	8	2.25	8	2.75
6"	12	2.75	12	2.25
8"	12	3.25	12	2.75
10"	16	3.25	16	3.12
	-	-	-	-
12"	16	4	16	3.38
	-	-	-	-
14"	16	4.62	16	4.25
	4**	3.75	4**	3.44
16"	16	4.88	16	4.88
	4**	3.88	4**	4.25
18"	20	5.25	20	5.25
	4**	4	4**	3.88
20"	20	5.69	20	5.69
	4**	4.19	4**	4
24"	20	6.31	20	6.25
	4**	4.56	4**	4.5

	Qty	Length
2"	8	5.25
2.5"	8	5.75
3"	8	6
4"	8	6.5
5"	8	7
6"	12	7
8"	12	8.25
10"	14	9.25
	4**	5
12"	12	10
	8**	5.25
14"	16	11.5
	8**	5.25
16"	16	13
	8**	5.25
18"	20	14
	8**	5.5
20"	20	14.5
	8**	5.75
24"	20	16.5
	8**	6.25

Length of machine bolts based on:

1. Gasket thickness of 0.06 inches
2. Minimum thickness flange thickness of weld neck flanges per ASME B16.5

\*\* Special length required for tapped blind holes on either side of valve shaft  
at the top and bottom ends of the valve body.

**Flow Line Valve and Controls, L.L.C.**