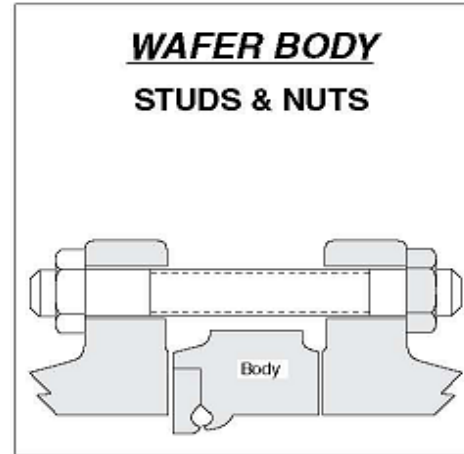
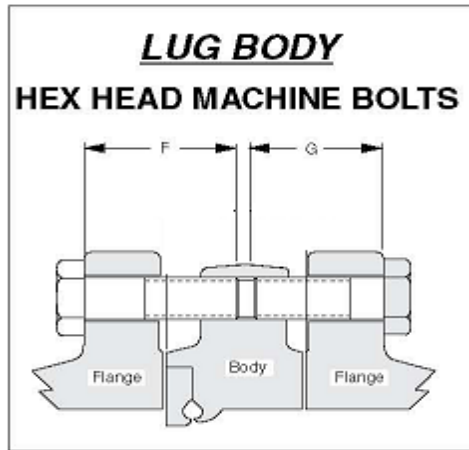


Series 76/77 High Performance ANSI 150 Bolt Dimensions



	Qty F	Length F	Qty G	Length G
2"	4	1.75	4	1.5
2.5"	4	2	4	1.62
3"	4	1.88	4	1.62
4"	8	2	8	1.62
5"	8	2.25	8	1.75
6"	8	2.38	8	1.75
8"	8	2.5	8	2
10"	12	2.62	12	2.38
12"	12	3.38	12	2.25
14"	12	3.62	12	2.62
16"	16	4	16	2.62
18"	16	4.25	16	3.12
20"	16	5.12	20	3.19
	4**	4.06	-	-
24"	20	5.5	20	4.12

	Qty	Length
2"	4	5
2.5"	4	5.25
3"	4	6
4"	8	6
5"	8	6
6"	8	6.5
8"	8	6.5
10"	12	7.5
12"	12	8
14"	12	9
16"	16	10
18"	16	10.5
20"	16	11
	8**	5.25
24"	20	12.5

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.