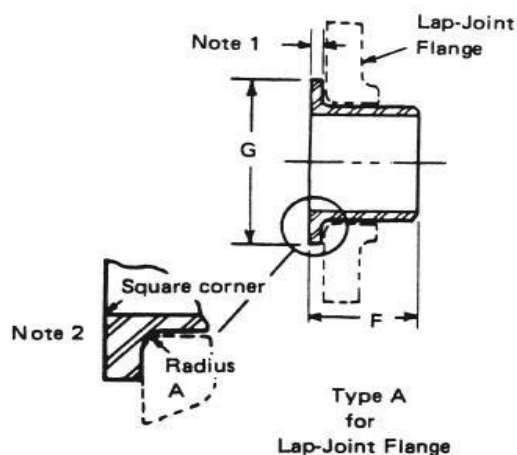
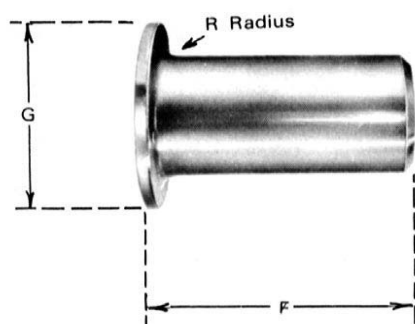


BUTT-WELD-FITTING - ASME B16.9/MSS SP-75

STUB ENDS

LAP-JOINT STUB ENDS



LAP-JOINT STUB ENDS (dimension in mm)

ASME B16.9 - LONG TYPE						
NB	O.D. AT BEVEL	F	RAD of Fillet R	Dia of Lap G	OD of Barrel	
					Max	Min
1/2"	21.3	76	3	35	22.8	20.5
3/4"	26.7	76	3	43	28.1	25.9
1"	33.4	102	3	51	35.0	32.6
1 1/4"	42.2	102	5	64	43.6	41.4
1 1/2"	48.3	102	6	73	49.9	47.5
2"	60.3	152	8	92	62.4	59.5
2 1/2"	73.0	152	8	105	75.3	72.2
3"	88.9	152	10	127	91.3	88.1
3 1/2"	101.6	152	10	140	104.0	100.8
4"	114.3	152	11	157	116.7	113.5
5"	141.3	203	11	186	144.3	140.5
6"	168.3	203	13	216	171.3	167.5
8"	219.1	203	13	270	222.1	218.3
10"	273.0	254	13	324	277.2	272.3
12"	323.8	254	13	381	328.0	323.1
14"	355.6	305	13	413	359.9	354.8
16"	406.4	305	13	470	411.0	405.6
18"	507.0	305	13	533	462.0	456.0
20"	508.0	305	13	584	514.0	507.0
22"	559.0	305	13	641	565.0	558.0
24"	610.0	305	13	692	616.0	609.0

ASME B16.9 - Short type / MSS SP-43 Type A						
NB	O.D. AT BEVEL	F	RAD of Fillet R	Dia of Lap G	OD of Barrel	
					Max	Min
1/2"	21.3	51	3	35	22.8	20.5
3/4"	26.7	51	3	43	28.1	25.9
1"	33.4	51	3	51	35.0	32.6
1 1/4"	42.2	51	5	64	43.6	41.4
1 1/2"	48.3	51	6	73	49.9	47.5
2"	60.3	64	8	92	62.4	59.5
2 1/2"	73.0	64	8	105	75.3	72.2
3"	88.9	64	10	127	91.3	88.1
3 1/2"	101.6	76	10	140	104.0	100.8
4"	114.3	76	11	157	116.7	113.5
5"	141.3	76	11	186	144.3	140.5
6"	168.3	89	13	216	171.3	167.5
8"	219.1	102	13	270	222.1	218.3
10"	273.0	127	13	324	277.2	272.3
12"	323.8	152	13	381	328.0	323.1
14"	355.6	152	13	413	359.9	354.8
16"	406.4	152	13	470	411.0	405.6
18"	507.0	152	13	533	462.0	456.0
20"	508.0	152	13	584	514.0	507.0
22"	559.0	152	13	641	565.0	558.0
24"	610.0	152	13	692	616.0	609.0

When used with the higher pressure flanges, it may be necessary to increase the length of stub ends in sizes 12in and larger. Such increase in length shall be a matter of agreement between the manufacturer and purchaser.

R – These dimensions conform to the radius established for lap-joint flanges in American National Standard Steel Pipe Flanges and Flanged Fittings ANSI B16.5.

G – The dimension conform to standard machined facings shown in the American National Standard Steel Pipe Flanges and Flanged Fittings ANSI B16.5. The back face of the lap shall be machined to conform to the surface on which it seats. Where ring joint facings are to be applied use dimension 'K' as given in ANSI B16.5.

F – When special facings such as tongue-groove, male-female, etc. are employed, additional lap thickness must be provided and such additional thickness shall be in addition to (not included in) the basic length 'F'.