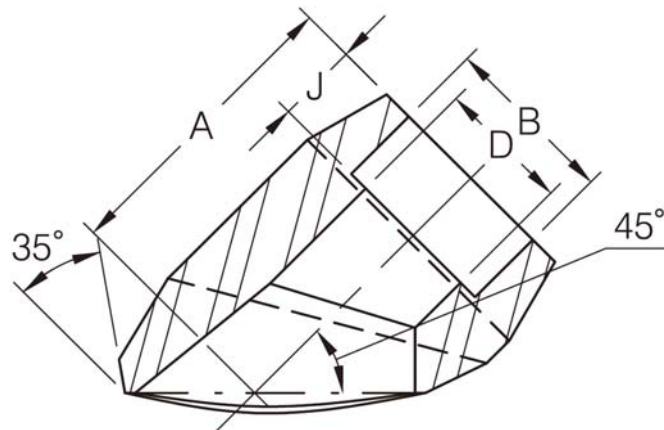


Socket Weld 45° Branch Outlet



Outlet Pipe		A				B	D		J (Min)
DN	Inch	3000Lb		6000Lb			3000Lb	6000Lb	
		Min	Max	Min	Max				
8	1/4"	38.1	42.9	38.9	47.6	14.2	9.3	6.4	9.5
10	3/8"	38.1	42.9	38.9	47.6	17.6	12.6	9.2	9.5
15	1/2"	38.1	44.5	46.0	55.6	21.8	15.8	11.8	9.5
20	3/4"	46.0	50.8	54.0	63.5	27.2	21.0	15.6	12.5
25	1"	54.0	63.5	61.1	73.0	33.9	26.7	20.7	12.5
32	1-1/4"	61.1	76.2	65.1	77.8	42.7	35.1	29.5	12.5
40	1-1/2"	63.5	76.2	78.6	85.7	48.8	40.9	34.0	12.5
50	2"	76.2	84.1	78.6	104.8	61.2	52.5	42.9	16.0

- (1) Socket weld in accordance with ASME B16.11.
- (2) Dimensions in accordance with MSS SP-97-2012.