

NOMINAL DIAMETER		ALL PIPE AND FITTINGS	90° ELLs 45° ELLs LATERALS TEES, Y's	REDUCERS COLLARS	BACKING FLANGES		SQUARENESS ALL PIPE AND FITTINGS		OVALITY AT WELDING ENDS		
INCHES	mm				O.D. AT WELDING END	CENTER TO END DIM	OVERALL LENGTH	OD / ID		BOLT CIRCLE	A
1 1/2	38	± 1/32" (± 1 mm)	± 1/16" (± 2 mm)	± 1/16" (± 2 mm)	± 1/8" (± 3.2 mm)	± 1/16" (± 2 mm)	± 1/32" (± 1 mm)	± 1/16" (± 2 mm)	± 1/16" (± 2 mm)		
2	50										
2 1/2	65										
3	75										
4	100										
6	150	+ 1/16" - 1/32" (+ 2 mm) (- 1 mm)	± 3/32" (± 2.5 mm)	± 3/32" (± 2.5 mm)			± 1/8" (± 3.2 mm)	± 1/16" (± 2 mm)	± 1/16" (± 2 mm)	± 1/8" (± 5 mm)	± 3/32" (± 2.5 mm)
8	200										
10	250										
12	300										
14	350										
16	400	(+ 2.5 mm) (- 1 mm)	± 1/8" (± 3.2 mm)	± 1/8" (± 3.2 mm)	± 1/8" (± 3.2 mm)	± 1/16" (± 2 mm)	± 1/8" (± 3.2 mm)	± 3/8" (± 10 mm)	± 5/32" (± 4 mm)		
18	450										
20	500										
24	600										
30	750										
36	900	+ 1/8" - 1/32" (+ 3 mm) (- 1 mm)	± 1/8" (± 3.2 mm)	± 1/8" (± 3.2 mm)	± 1/8" (± 3.2 mm)	± 1/16" (± 2 mm)	± 1/8" (± 3.2 mm)	± 3/8" (± 10 mm)	± 3/16" (± 5 mm)		
40	1016										

Pipe Straightness = .025" per foot ( 2mm per meter)

