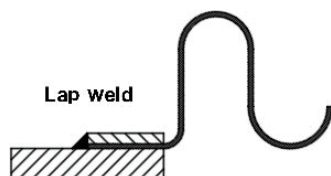
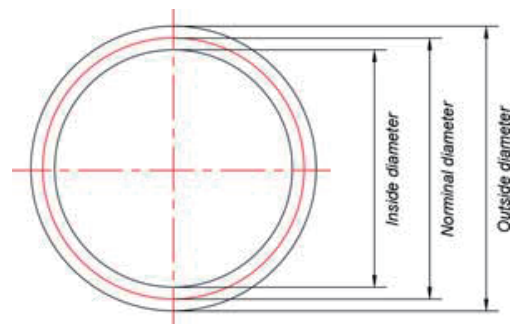


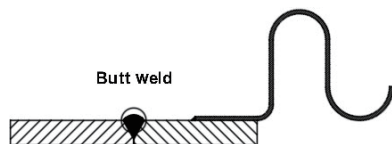


Bellows serve as flexible connectors within piping systems, featuring nominal diameters that match those of the pipes they link. The dimensions of the bellows are determined by the outer diameter of the connecting pipe.

Various connection methods and pipe size standards contribute to the diverse sizing options available for bellows.



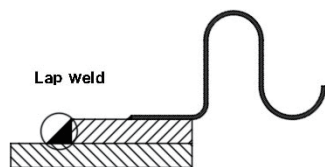
For instance, in the prevalent lap weld method, the bellows' inner diameter aligns with the outer diameter of the pipe



Another common connection method is butt weld. But the bellows, as an elastic seal, is usually made of thin-walled stainless steel. It is not possible to weld it directly to the pipe.

Instead, a common approach involves attaching weld ends on both sides of the bellows to facilitate welding

Even in this configuration, the inner diameter of the bellows remains congruent with the outer diameter of the pipe.



Another scenario arises when lap welding bellows with welded ends to pipes. In such instances, the inner diameter of the bellows equals the outer diameter of the pipe plus the thickness of the welded end.

Nominal Diameter		Outside Diameter (mm)	
Inch	mm	Imperial	Metric
1/4	10	17.2	14
1/2	15	21.3	18
3/4	20	26.9	25
1	25	33.7	32
1 1/4	32	42.4	38
1 1/2	40	48.3	45
2	50	60.3	57
2 1/2	65	76.1	76
3	80	88.9	89
4	100	114.3	108
5	125	139.7	133
6	150	168.3	159
8	200	219.1	219
10	250	273	273
12	300	323.9	325
14	350	355.4	377
16	400	406.4	426
18	450	457	480
20	500	508	530
24	600	610	630
28	700	711	720
32	800	813	820
36	900	914	920
40	1000	1016	1020
48	1200	1219	1220
56	1400	1422	1420
64	1600	1626	1620
72	1800	1829	1820
80	2000	2032	2020