

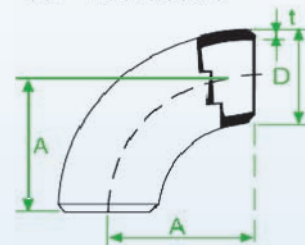
Dimensions of Elbow & Return

ابعاد زانو ۴۵ و ۹۰ درجه و برگشت (U)

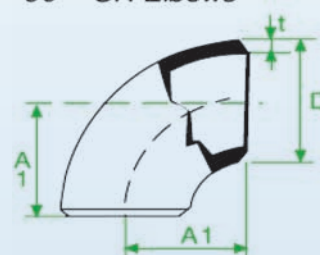
Dimension According to ANSI B 16.9

Nominal Pipe Size (Inch)	Outside Diameter D (mm)	Center to Face			Center to Center	
		A (mm)	A1 (mm)	B (mm)	O (mm)	O1 (mm)
1/2	21.3	38.1	19.0	15.7	76.2	38.0
3/4	26.7	28.4	18	11.2	57.2	36.0
1	33.4	38.1	25.4	22.4	76.2	50.8
1 1/4	42.2	47.8	31.8	25.4	95.2	63.5
1 1/2	48.3	57.2	38.1	28.4	114.3	76.2
2	60.3	76.2	50.8	35.1	152.4	101.6
2 1/2	73.0	95.2	63.5	44.4	190.5	127.0
3	88.9	114.3	76.2	50.8	228.6	152.4
4	114.3	152.4	101.6	63.5	304.8	203.2
5	141.3	190.5	127.0	79.2	381.0	254.0
6	168.3	228.6	152.4	95.2	457.2	304.8
8	219.1	304.8	203.2	127.0	609.6	406.4
10	273.0	381.0	254.0	158.8	762.0	508.0
12	323.8	457.2	304.8	190.5	914.4	609.6
14	355.6	533.4	355.6	222.2	1066.8	711.2
16	406.4	609.6	406.4	254.0	1219.2	812.8
18	457	685.8	457.2	285.8	1371.6	914.4
20	508.0	762.0	508.0	317.5	1524.0	1016.0
22	559	838.2	558.8	342.9	1676.4	1117.6
24	610	914.4	609.8	381.0	1828.8	1219.2

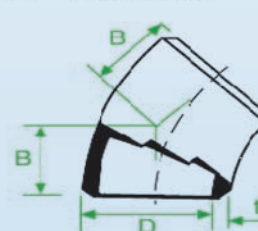
90° LR Elbows



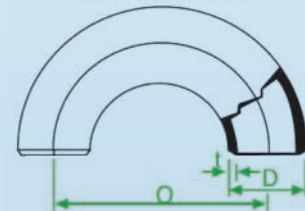
90° SR Elbows



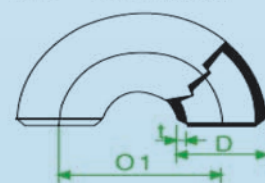
45° LR Elbows



180° LR Elbows



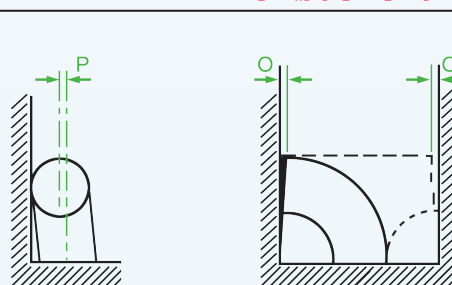
180° SR Elbows



Angularity Tolerances

تولانس های زاویه ای

Nominal Size (inch)	Off Angal Q (mm)	Off Plan P (mm)
1/2 - 4	± 1	± 2
5 - 8	± 2	± 4
10 - 12	± 2	± 5
14 - 16	± 3	± 6



Add: Dey Ave. Zanjan Industrial city (1), ZANJAN - IRAN  
 TEL: +98 241 222 1212 & 222 1733 - 4  
 FAX: +98 241 222 1213



www.taban-foolad.com

info@taban-foolad.com



نشانی: زنجان، شهرک صنعتی شماره ۱، خیابان دی  
 تلفن: ۲۲۲ ۱۲۱۲ و ۲۲۲ ۱۷۳۳-۴ (۰۲۴۱)  
 فاکس: ۲۲۲ ۱۲۱۳ (۰۲۴۱)