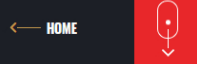


STAINLESS STEEL ELBOW PIPE

COMMITTED FOR WORLD CLASS QUALITATIVE ELBOW MANUFACTURING.....



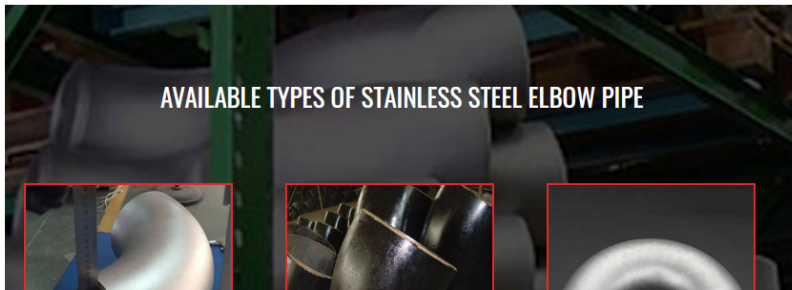
ABOUT STAINLESS STEEL ELBOW PIPE

We supply Long Radius and Short Radius Elbows in Seamless Construction up to 36Inch, Welded in Two Halve Constructions up to 84Inch and Fabricated up to 100Inch. Jubilant Piping Solutions Private Limited is having latest Mandrel Machines to cater High Wall Thickness Carbon Steel & Alloy Steel Elbow. We have installed India's Largest Cold Forming Machine to Produce Stainless Steel & Non-Ferrous Seamless Elbows up to 20Inch.

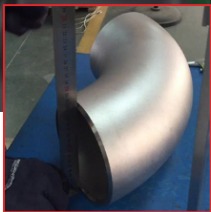
Our Facility allow us to Manufacture Non-Standard Degree Elbows up to 180° & Radius up to 20xDia. Functional 2000 Ton Conventional Press Machines can form Thickness up to 100mm which enhance our Welded Elbow Production range. Miter Elbow, Return Elbow, U - Bends, Split Elbow, Tangent Elbow are the type of various Special Products under this segment.

Products

- Buttweld Fitting
 - Elbow
 - Tee
 - Reducer
 - Pipe Cap
 - Stub End
- Forged Flanges
- Pre-Fabricated Piping Spools
- Other Products



AVAILABLE TYPES OF STAINLESS STEEL ELBOW PIPE



90° ELBOW



45° ELBOW



180° ELBOW

Materials

- Stainless Steel
- Carbon Steel
- Alloy Steel
- Duplex and Super Duplex
- Exotic Material



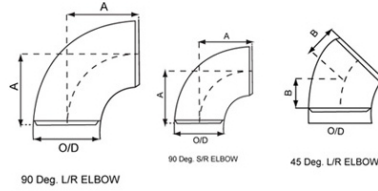
SEAMLESS PRODUCT RANGE

Product Type	FERROUS MATERIAL		NON-FERROUS MATERIAL	
	Size Range	Schedule	Size Range	Schedule
Elbow	½" to 24"	Sch : 10,20,40,80	½" to 4"	Sch : 10,20,40,80

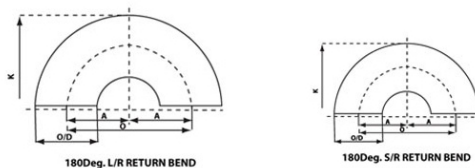
WELDED PRODUCT RANGE

Product Type	FERROUS MATERIAL		NON-FERROUS MATERIAL	
	Size Range	Schedule	Size Range	Schedule
Elbow	8" to 24"	Sch : 10,20,40,80	8" to 24"	Sch : 10,20,40,80

DIMENSIONS OF STAINLESS STEEL ELBOW PIPE



Dimensions of Buttweled Elbows (ANSI B 16.9) (in mm)												
Nom. Pipe Size	O.D. D			Center of End								
				90° L/R A			45 S/R B			90 S/R A		
	Min	Nom	Max	Min	Nom	Max	Min	Nom	Max	Min	Nom	Max
1/2"	20	21	22	36	38	40	14	16	18	-	-	-
3/4"	26	27	28	27	29	31	9	11	13	-	-	-
1"	32	33	34	36	38	40	20	22	24	23	25	27
1 1/4"	41	42	43	46	48	50	23	25	27	30	32	34
1 1/2"	47	48	49	55	57	59	27	29	31	36	38	40
2"	59	60	61	74	76	78	33	35	37	49	51	53
2 1/2"	72	73	74	93	95	97	42	44	46	62	64	66
3"	88	89	90	112	114	116	49	51	53	74	76	78
4"	113	114	116	150	152	154	62	64	66	100	102	104
5"	140	141	144	188	190	192	77	79	81	125	127	129
6"	167	168	171	227	229	231	93	95	97	150	152	154
8"	217	219	221	303	305	307	125	127	129	201	203	205
10"	270	273	277	379	381	383	157	159	161	252	254	256
12"	321	324	328	454	457	460	187	190	193	302	305	308
14"	353	356	360	530	533	536	219	222	225	353	356	359
16"	403	406	410	607	610	613	251	254	257	403	406	409
18"	454	457	461	683	686	689	283	286	289	454	457	460
20"	503	508	514	759	762	765	315	318	321	505	508	511
24"	605	610	616	911	914	917	378	381	384	607	610	613



Dimensions of Buttweled Bends (ANSI B 16.29) (in mm)		
	Center of Center	Back to Face

Nom. Pipe Size	O.D. D			180° L/R A			180 S/R A			180 L/R K			180 K	
	Min	Nom	Max	Min	Nom	Max	Min	Nom	Max	Min	Nom	Max	Min	No
1/2	20	21	22	69	76	83	-	-	-	41	48	55	-	-
3/4	26	27	28	50	57	64	-	-	-	36	43	50	-	-
1	32	33	34	69	76	83	44	51	58	49	56	63	34	41
1 1/4	41	42	43	88	95	102	57	64	71	63	70	77	45	52
1 1/2	47	48	49	107	114	121	69	76	83	76	83	90	55	62
2	59	60	61	145	152	159	95	102	109	99	106	113	74	81
2 1/2	72	73	74	184	191	198	120	127	134	125	132	139	93	100
3	88	89	90	222	229	236	145	152	159	152	159	166	114	121
4	113	114	116	298	305	312	196	203	210	203	210	217	152	159
5	140	141	144	374	381	388	247	254	261	255	262	269	190	197
6	167	168	171	450	457	464	298	305	312	306	313	320	230	237
8	217	219	221	603	610	617	399	406	413	407	414	421	306	313
10	270	273	277	752	762	772	498	508	518	511	518	525	384	391
12	321	324	328	904	914	924	600	610	620	612	619	626	460	467
14	353	356	360	1057	1067	1077	701	711	721	704	711	718	526	533
16	403	406	410	1209	1219	1229	803	813	823	806	813	820	603	610
18	454	457	461	1362	1372	1382	904	914	924	907	924	921	679	686
20	503	508	514	1514	1524	1534	1006	1016	1026	1009	1016	1023	755	762
24	605	610	616	1819	1829	1839	1209	1219	1229	1212	1219	1226	907	914

STAINLESS STEEL ELBOW PIPE MATERIAL GRADES

Material	Grades
Stainless Steel	ASTM A403 WP Gr. 304, 304L, 304H, 309, 310, 316, 316L, 316Ti, 317L, 321, 347, 347H, 904L
Carbon Steel	ASTM A 234 WPB, WPBW, WPHY 42, WPHY 46, WPHY 52, WPH 60, WPHY 65 & WPHY 70.
Low Temperature Carbon Steel	ASTM A420 WPL3, A420 WPL6
Alloy Steel	ASTM / ASME A/SA 234 Gr. WP 1, WP 5, WP 9, WP 11, WP 12, WP 22, WP 91
Duplex Steel	ASTM A815, ASME SA 815 UNS S31803, UNS S32205(Dual Certified).
Super Duplex Steel	ASTM A815, ASME SA 815, UNS S32750, UNS 32760.
Nickel Alloy	ASTM / ASME SB 336 UNS 2200 (NICKEL 200), ASTM / ASME SB 363 , ASTM / ASME SB 366, UNS 2201 (NICKEL 201), UNS 4400 (MONEL 400), UNS 8020 (ALLOY 20 / 20 CB 3, UNS 8825 INCONEL (825), UNS 6600 (INCONEL 600), UNS 6601 (INCONEL 601), UNS 6625 (INCONEL 625), UNS 10276 (HASTELLOY C 276)

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