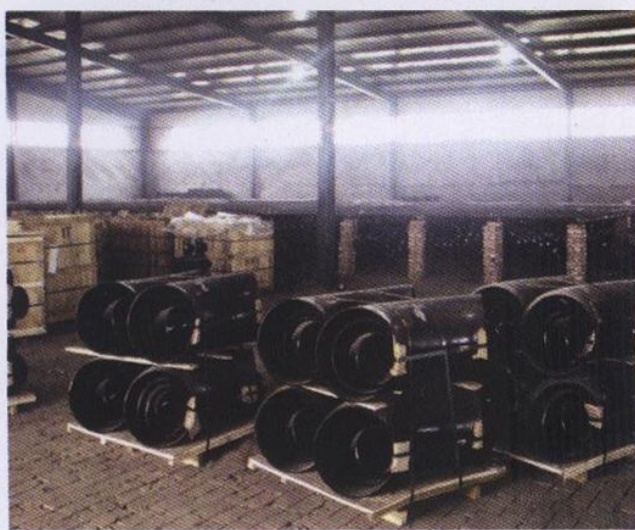


Company's Products



脚 轮
CASTER WHEEL

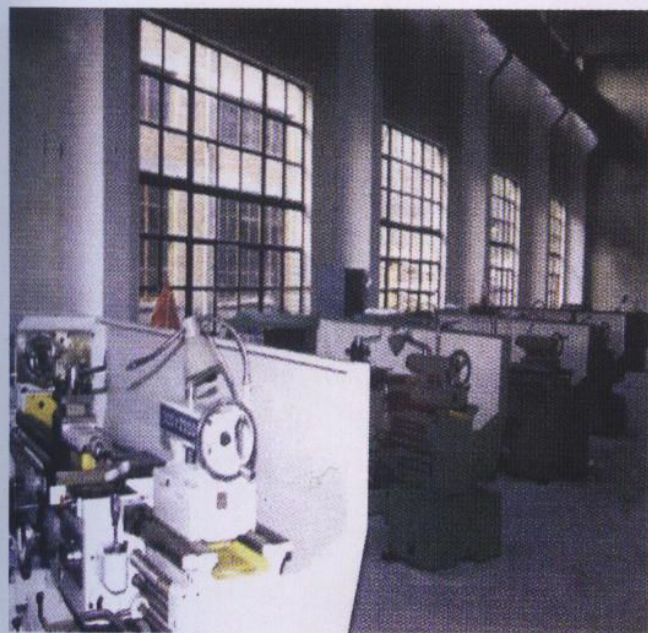
生产设备 Factory Area



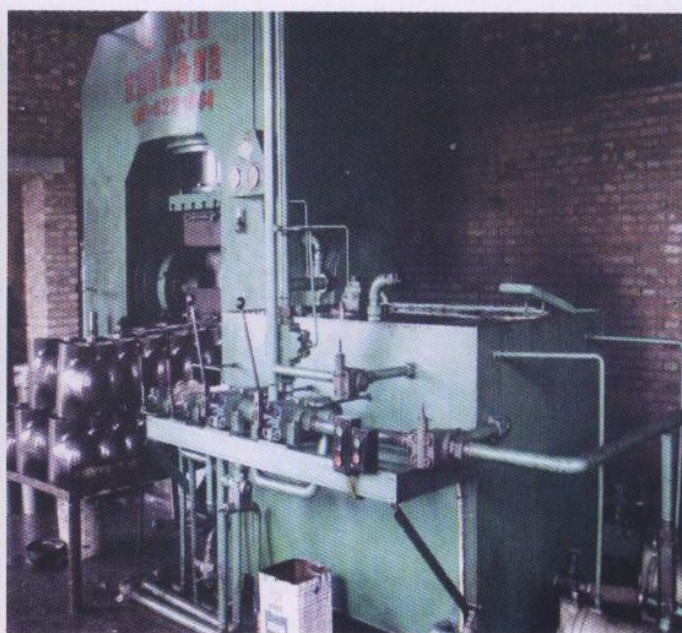
弯头坡口机
Bend Sloping-machine



弯头推制机
Bend Extruding-machine

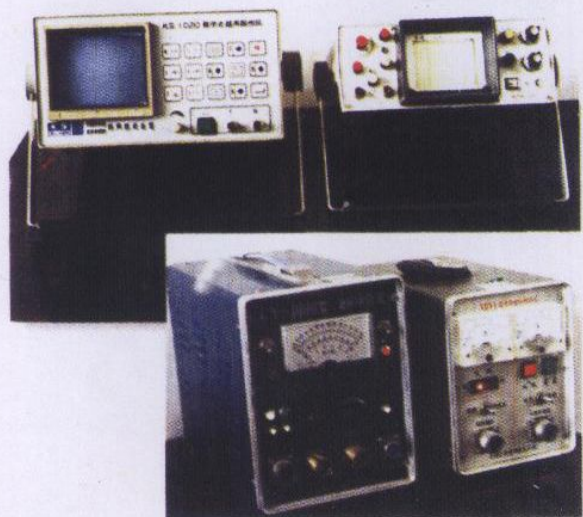


机加工车间一角
corner of processing workshop



三通机 Tee Machine

检测检验 Testing and Examination



万能试验机
Universal Testing Machines



X 光射线探伤
X-ray Crack Detection



化学分析
Chemical Analysis

LONG RADIUS RETURNS

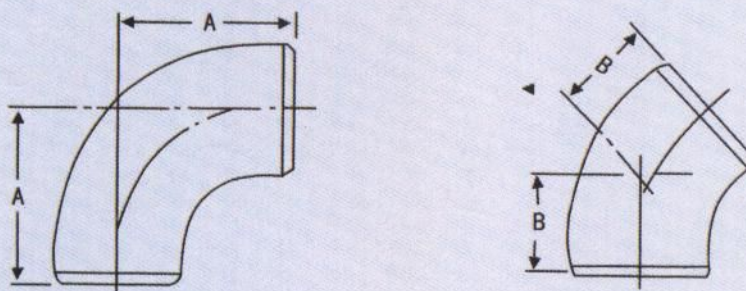


TABLE 3

ASME B16.9-1993

Nominal Pipe Size (NPS)	Outside Diameter at Bevel D		Center-to-End				Approx. Weight (kg)					
			90 deg. Elbows A		45 deg. Elbows B		90deg. Elbows			45deg. Elbows		
			INCH	MM	INCH	MM	STD	XS	XXS	STD	XS	XXS
1/2	0.84	21	1.50	38	0.62	16	0.078	0.099	—	0.039	0.049	—
3/4	1.05	27	1.12	29	0.44	11	0.103	0.134	—	0.052	0.067	—
1	1.32	33	1.50	38	0.88	22	0.154	0.196	—	0.077	0.089	—
1 1/4	1.66	42	1.88	48	1.00	25	0.260	0.341	0.589	0.130	0.170	0.295
1 1/2	1.90	48	2.25	57	1.12	29	0.368	0.492	0.868	0.184	0.246	0.434
2	2.38	60	3.00	76	1.38	35	0.652	0.891	1.62	0.326	0.445	0.808
2 1/2	2.88	73	3.75	95	1.75	44	1.37	1.79	3.22	0.683	0.895	1.61
3	3.50	89	4.50	114	2.00	51	2.04	2.74	4.97	1.02	1.37	2.49
3 1/2	4.00	102	5.25	133	2.25	57	2.82	3.91	—	1.41	1.95	—
4	4.50	114	6.00	152	2.50	64	3.84	5.36	9.81	1.92	2.68	4.90
5	5.56	141	7.50	190	3.12	79	6.48	9.13	16.9	3.24	4.57	8.46
6	6.62	168	9.00	229	3.75	95	9.94	15.0	27.8	4.97	7.50	13.9
8	8.62	219	12.00	305	5.00	127	20.1	30.5	50.8	10.1	15.3	25.4
10	10.75	273	15.00	381	6.25	159	35.4	47.7	—	17.7	23.9	—
12	12.75	324	18.00	457	7.50	190	52.0	68.7	—	26.0	34.4	—
14	14.00	356	21.00	533	8.75	222	67.9	89.9	—	34.0	45.0	—
16	16.00	406	24.00	610	10.00	254	89.0	118	—	44.5	59.0	—
18	18.00	457	27.00	686	11.25	286	113	150	—	56.5	74.9	—
20	20.00	508	30.00	762	12.50	318	140	186	—	69.9	92.8	—
22	22.00	559	33.00	838	13.50	343	169	225	—	84.7	113	—
24	24.00	610	36.00	914	15.00	381	202	268	—	101	134	—
26	26.00	660	39.00	991	16.00	406	237	315	—	114.9	158	—
28	28.00	711	42.00	1067	17.25	438	275	366	—	138	183	—
30	30.00	762	45.00	1143	18.50	470	316	421	—	158	211	—
32	32.00	813	48.00	1219	19.75	502	360	480	—	180	240	—
34	34.00	864	51.00	1295	21.00	533	407	542	—	203	271	—
36	36.00	914	54.00	1372	22.25	565	457	608	—	228	304	—
38	38.00	965	57.00	1448	23.62	600	509	678	—	254	339	—
40	40.00	1016	60.00	1524	24.88	632	564	752	—	282	376	—
42	42.00	1067	63.00	1600	26.00	660	622	828	—	311	414	—
44	44.00	1118	66.00	1676	27.38	695	683	911	—	342	455	—
46	46.88	1168	69.00	1753	28.62	727	—	—	—	—	—	—
48	48.00	1219	72.00	1829	29.88	759	814	1085	—	407	542	—

GENERAL NOTE: For Wall Thickness see Table 1 & Table 2.

LONG RADIUS RETURNS

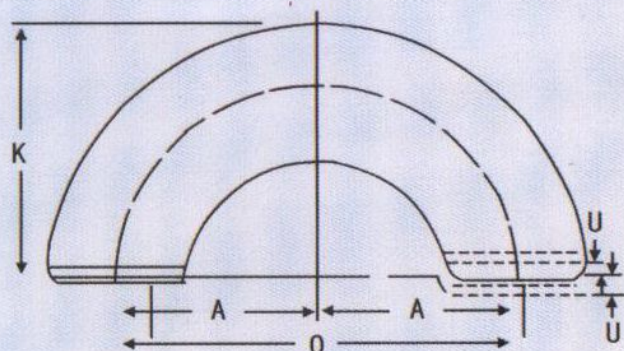


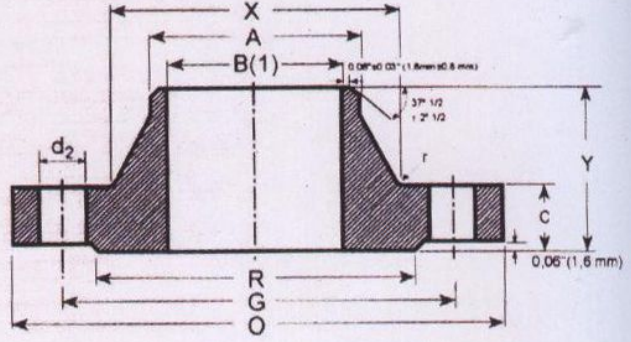
TABLE 4

ASME B16.9-1993

Nominal Pipe Size (NPS)	Outside Diameter at Bevel D		Center-to- Center O		Back-to- Face K		Approx. Weight (kg)		
	INCH	MM	INCH	MM	INCH	MM	STD	XS	—
1/2	0.84	21	3.00	76	1.88	48	0.159	0.204	—
3/4	1.05	27	2.25	57	1.69	43	0.159	0.204	—
1	1.32	33	3.00	76	2.19	56	0.313	0.400	—
1 1/4	1.66	42	3.75	95	2.75	70	0.527	0.690	—
1 1/2	1.90	48	4.50	114	3.25	83	0.758	1.00	—
2	2.38	60	6.00	152	4.19	106	1.36	1.85	—
2 1/2	2.88	73	7.50	191	5.19	132	2.67	3.50	—
3	3.50	89	9.00	229	6.25	159	4.19	5.63	—
3 1/2	4.00	102	10.50	267	7.25	184	5.90	7.99	—
4	4.50	114	12.00	305	8.25	210	7.95	11.0	—
5	5.56	141	15.00	381	10.31	262	13.5	19.0	—
6	6.62	168	18.00	457	12.31	313	20.9	31.3	—
8	8.62	219	24.00	610	16.31	414	41.9	63.6	—
10	10.75	273	30.00	762	20.38	518	74.0	99.7	—
12	12.75	324	36.00	914	24.38	619	108.7	143.6	—
14	14.00	356	42.00	1067	28.00	711	141.9	187.9	—
16	16.00	406	48.00	1219	32.00	813	186.0	246.6	—
18	18.00	457	54.00	1372	36.00	914	236.2	313.5	—
20	20.00	508	60.00	1524	40.00	1016	292.6	388.7	—
22	22.00	559	66.00	1676	44.00	1118	353.2	470.3	—
24	24.00	610	72.00	1829	48.00	1219	422.2	560.1	—

GENERAL NOTE: For Wall Thickness see Table 1 & Table 2.

WELDING NECK FLANGES
KAYNAK BOYUNLU FLANS
Class 600—ANSI B 16-5
PN 100



BORU (Pipe)		O	A	C	Y	X	R	DELIKLER (Drilling)			AGIRLIK (Weight) kg
DN	NPS							Sayısı (Each)	G	d ₂	
15	1/2"	95	21.3	14.5	52	38	35.0	4	66.5	16	0.9
20	3/4"	117	26.9	16.0	57	48	43.0	4	82.5	20	1.5
25	1"	124	33.7	17.5	62	54	51.0	4	89.0	20	1.9
32	1 1/4"	133	42.4	21.0	67	64	63.5	4	98.5	20	2.6
40	1 1/2"	156	48.3	22.5	70	70	73.0	4	114.5	22	3.3
50	2"	165	60.3	25.5	73	84	92.0	8	127.0	20	4.7
65	2 1/2"	190	73.0	29.0	79	100	105.0	8	149.0	22	6.5
80	3"	210	88.9	32.0	83	118	127.0	8	168.5	22	8.7
—	3 1/2"	229	101.6	35.0	88	133	140.0	8	184.0	26	11.2
100	4"	273	114.3	38.5	102	152	157.0	8	216.0	26	18.1
125	5"	330	141.3	44.5	114	189	185.5	8	267.0	30	30
150	6"	356	168.3	48.0	117	222	216.0	12	292.0	30	36
200	8"	419	219.1	55.5	133	273	270.0	12	349.0	33	50
250	10"	508	273.0	63.5	152	343	324.0	16	432.0	36	90
300	12"	559	323.9	66.5	156	400	381.0	20	489.0	36	110
350	14"	603	355.6	70.0	165	432	413.0	20	527.0	39	150
400	16"	686	406.0	76.5	178	495	470.0	20	603.0	42	190
450	18"	743	457.0	83.0	184	546	533.5	20	654.0	45	240
500	20"	813	508.0	89.0	190	610	584.0	24	724.0	45	295
600	24"	940	610.0	102.0	203	718	692.0	24	838.0	52	365
650	26"	1016.0	671.5	108.0	222.2	747.7	749.3	28	914.4	50.8	404
700	28"	1073.1	723.9	111.1	234.9	803.3	800.1	28	965.2	54.0	480
750	30"	1130.3	774.7	114.3	247.6	862.0	857.2	28	1022.3	54.0	560
800	32"	1193.8	825.5	117.5	260.3	917.6	914.4	28	1079.5	60.3	680
850	34"	1244.6	877.9	120.7	269.9	973.2	965.2	28	1130.3	60.3	750
900	36"	1314.4	928.7	123.8	282.6	1031.9	1022.3	28	1193.8	66.7	795

*B(1) ölçüsü sipari ile birlikte müşteri tarafından verilmelidir.

*26" 'den 36" 'e kadar olan flans ölçüleri BS.3293 'e uygundur.

*26" 'den 48" 'e kadar olan flanslar MSS-SP 44 'e uygun olarak da imal edilmektedir.

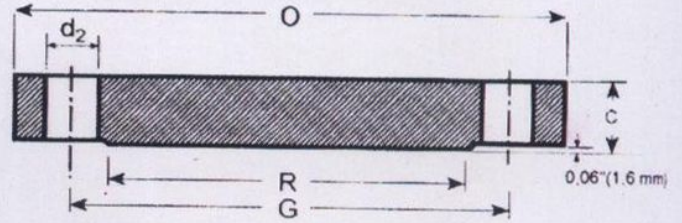
*Class 900 'den Class 2500 'e kadar da üretim yapılmaktadır.

BLIND FLANGES

KOR FLANS

Class 150-ANSI B 16-5

PN 20



BORU (Pipe)		O	C	R	DELİKLER (Drilling)			AGIRLIK (Weight) kg
DN	NPS				Sayısı (Each)	G	d ₂	
15	1/2"	89	11.5	35.0	4	60.5	16	0.4
20	3/4"	99	13.0	43.0	4	70.0	16	0.7
25	1"	108	14.5	51.0	4	79.5	18	0.9
32	1 1/4"	117	16.0	63.5	4	89.0	16	1.3
40	1 1/2"	127	17.5	73.0	4	98.5	16	1.6
50	2"	152	19.5	92.0	4	120.5	20	2.6
65	2 1/2"	178	22.5	105.0	4	139.5	20	4.1
80	3"	190	24.0	127.0	4	152.5	20	5.0
—	3 1/2"	216	24.0	140.0	8	178	20	6.4
100	4"	229	24.0	157.0	8	190.5	20	7.1
125	5"	254	24.0	185.5	8	216	22	9.0
150	6"	279	25.5	216.0	8	241.5	22	12
200	8"	343	29.0	270.0	8	298.5	22	21
250	10"	406	30.5	324.0	12	362	26	30
300	12"	483	32.0	381.0	12	432	26	45
350	14"	533	35.0	413.0	12	476	30	59
400	16"	597	37.0	470.0	16	540	30	79
450	18"	635	40.0	533.5	16	578	33	97
500	20"	698	43.0	584.0	20	635	33	124
600	24"	813	48.0	692.0	20	749.5	36	188
650	26"	870	68.5	794	24	806	35	323
700	28"	925	71.5	800	28	863	35	382
750	30"	985	74.5	857	28	914	35	450
800	32"	1060	81.0	914	28	978	41	560
850	34"	1110	82.5	965	32	1029	41	630
900	36"	1170	90.5	1022	32	1086	41	765
950	38"	1240	87.5	1073	32	1150	41	850
1000	40"	1290	90.5	1124	36	1200	41	955
1050	42"	1345	97.0	1194	36	1257	41	1075
1100	44"	1405	102.0	1245	40	1314	41	1200
1150	46"	1455	103.0	1295	40	1365	41	1380
1200	48"	1510	108.0	1395	44	1422	41	1590