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JUDBERD MACHINERY

# COMPANY PROFILE

QINGDAO JUDBERD MACHINERY CO.,LTD HAVE 200 WORKERS AND INCLUDE THE MANAGEMENT

STAFF OF 15 PEOPLE, TECHNICAL PERSON MORE THAN 20 AND 35 EMPLOYEES WITH JUNIOR COLLEGE ABOVE DEGREES

JUDBERD DUCTILE IRON PIPE FITTINGS ARE MANUFACTURED USING ADVANCED EQUIPMENT IN A OUTSTANDING QUALITY LEVEL USING THE FINEST MATERIALS AVAILABLE. DESIGNED BY A FIRST CLASS TEAM OF DUCTILE IRON PIPE FITTINGS SPECIALISTS WITH OVER 20 YEARS EXPERIENCE IN THE WATER INDUSTRY.MANUFACTURING FACILITIES ARE CERTIFIED TO ISO9001-2000 AND ARE COMPANY OWNED AND OPERATED

PRIMARY MATERIALS

DUCTILE IRON

DUCTILE IRON PIPE FITTINGS ARE MANUFACTURED FROM DUCTILE IRON CONFORMING TO ASTM A536

GR.65-45-12/BS EN 1563 ENGJS500-7/DINGGG40/50 OR GREATER

STRENGTH AND IMPROVED RESISTANCE TO INTERNAL PRESSURES.

GASKET

EPDM ACCORDING TO EN683 ,WRAS APPROVED IS ALSO AVAILABLE

COATING

FIRST CLASS EPOXY POWDER,WRAS APPROVED POWDER IS ALSO AVAILABLE

TIE RODS



GALVANIZED/DACROMET/HOT DIP GALVANIZATION CARBON STEEL GRADE 4.8/6.8/8.8

STAINLESS STEEL AISI 304

STAINLESS STEEL AISI 316

TEFLON COATED STAINLESS STEEL

INSTALLATION AND OPERATION

FLANGES CONFORM FULLY TO ANSIB16.1 CLASS 125/ANSI B16.2 CLASS250 OR EN1092-2 PN10/

PN16/PN25,MECHANICAL JOINT ENDS CONFORM TO AWWA C111/ANSI A21.11

OTHER FLANGE TYPES ARE AVAILABLE FOR SPECIFIC MARKET REQUIREMENT.

WE ARE HONORED TO BE CERTIFIED BY WRAS,DVGW,NSF,CE ETC,AND WE OFFER

OUTSTANDING QUALITY PRODUCTS WHICH IS GUARANTEED BY AUTO PRODUCTION

LINE ,PROFESSIONAL AND EXPERIENCED WORKERS,ISO9001 CERTIFIED QUALITY CONTROL

SYSTEM AND STRICTLY MANAGEMENT SYSTEM.WE INVITE YOU TO GET TO KNOW US

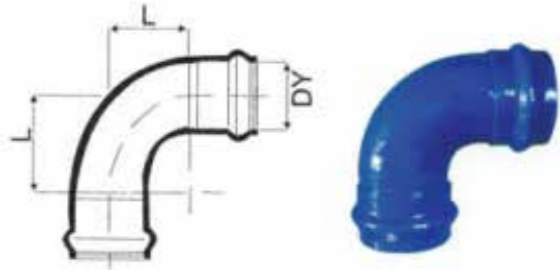
BETTER.AND WELCOME YOU COME TO VISIT US.





# **DUCTILE IRON PIPE FITTING FOR PVC & LOOSE FLANGE PIPE FITTING**

### Double Socket 90° Bend



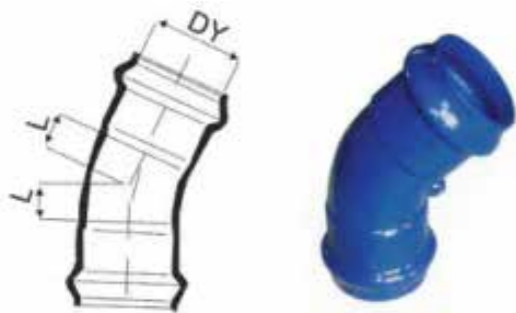
DY	L	kg
63	85	3.0
75	95	4.0
90	100	5.3
110	130	7.4
125	125	9.7
140	130	11.6
160	180	15.5
200	220	25.3
225	265	27
250	285	36.1
315	345	57
400	365	70

### Double Socket 45° Bend



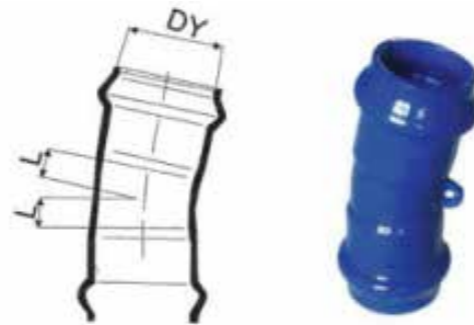
DY	L	kg
63	50	2.7
75	55	3.2
90	60	5.3
110	70	6.0
125	125	8.7
140	130	10.1
160	90	13.5
200	110	19.6
225	135	23.5
250	135	29.9
315	180	47
400	200	61.7

### Double Socket 22.5° Bend

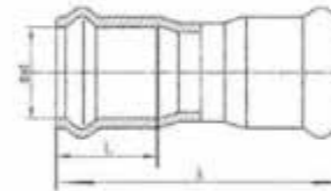


DY	L	kg
63	35	2.5
75	35	3.1
90	40	4.1
110	45	5.6
125	125	7.5
140	130	8.0
160	55	9.9
200	65	15.7
225	85	19
250	90	26.4
315	105	44
400	130	53

### Double Socket 11.25° Bend



DY	L	kg
63	25	2.2
75	25	3.1
90	25	4.1
110	34	5.0
125	125	6.5
140	130	8.8
160	40	9.0
200	60	15.3
225	70	20.0
250	70	26.3
315	80	43
400	100	47



### Flanged Socket

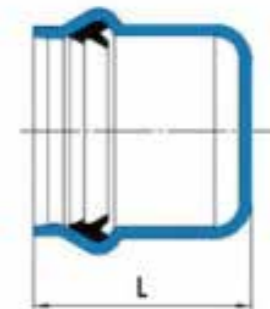
DN	∅d	D	K	A	L	kg
50	63	165	125	100	95	3.3
60	63	185	145	110	95	3.5
60	75	185	145	110	100	3.9
65	75	185	145	110	100	4.1
80	75	200	160	120	100	4.9
80	90	200	160	120	105	5.2
100	110	220	180	130	115	6
150	160	280	240	170	145	9.5
200	200	340	295	192	155	15.7
200	225	340	295	190	155	18
250	250	400	350	220	175	23
250	280	400	350	230	185	26
300	315	455	400	240	190	29.5

### Double Socket Collar

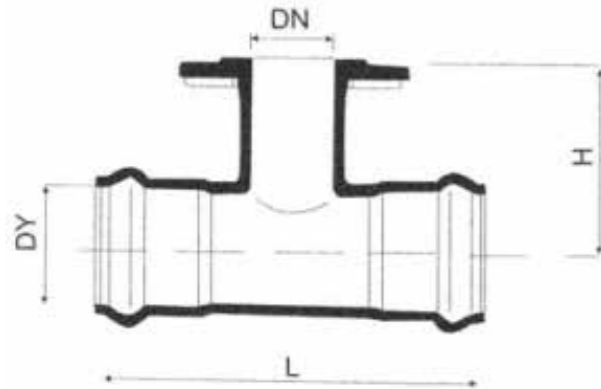
∅d	A	L	kg
63	255	95	1.8
75	275	100	2.3
90	305	105	3.3
110	355	115	4.5
160	375	145	9.1
200	380	155	12.4
250	415	175	18.8
280	460	185	26
315	450	190	30.9

### Cap for PVC pipe

OD	L	Mass(kg)
50	95	1.3
63	100	1.4
75	100	1.6
90	120	1.8
110	130	2.1
125	135	4
140	145	4.8
160	155	6.4
180	170	8.2
200	185	9.9
225	195	14.6
250	210	15
280	225	22
315	240	25



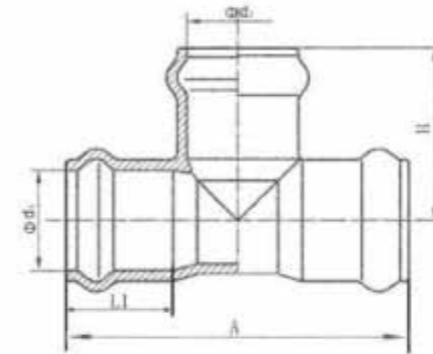
## Double Socket Tee-flanged Branch



DY/DN	L	H	Kg
50/40	250	135	4.6
63/50	240	140	6.1
63/60	270	135	6.2
75/50	270	140	7.1
75/60	290	140	8.3
90/50	280	160	8
90/60	320	155	9.7
90/80	320	170	11
110/50	300	170	9.2
110/60	360	165	11.1
110/80	360	180	12.5
110/110	360	185	14
125/50	320	160	9.5
125/60	340	160	11.2
125/80	360	170	12.5
125/100	380	180	14
140/60	330	200	12.2
140/80	350	190	13
140/100	370	200	13.5
160/60	432	200	18
160/80	432	205	19.5
160/100	432	205	20
160/150	432	225	24
200/60	422	235	25
200/80	422	235	27
200/100	432	240	32



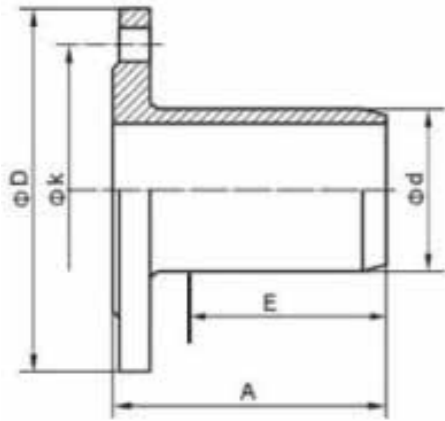
DY/DN	L	H	Kg
200/150	432	245	35
225/60	480	200	29
225/80	480	205	32
225/100	480	220	34
225/150	500	235	36
225/200	500	240	43
250/60	530	260	37
250/80	530	170	39
250/100	530	260	41
250/150	530	260	55
250/200	530	260	59
250/250	530	260	64
315/60	625	300	54
315/80	625	300	57
315/100	625	300	62
315/150	625	300	67
315/200	735	300	70
315/250	735	300	74
315/300	735	300	78
400/60	625	300	55
400/80	625	300	57
400/100	625	300	59
400/150	625	300	63
400/200	735	300	70
400/250	735	300	78
400/300	735	300	86



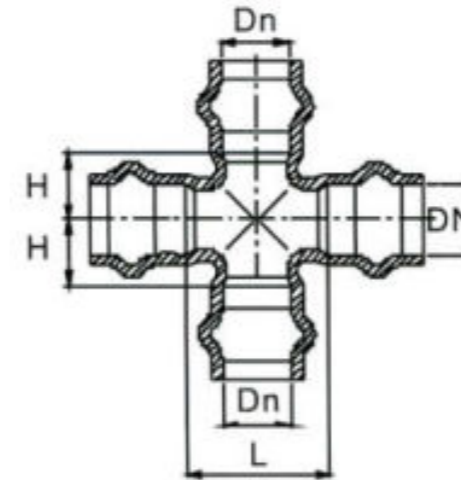
## All Socket Tee

∅ d1	∅ d2	A	L1	H	L2	kg
63	63	255	95	125	95	3.3
75	63	275	100	135	95	4.2
75	75	291	100	143	100	4.9
90	63	275	105	145	95	5.7
90	75	290	105	150	100	6.0
90	90	308	105	155	105	6.4
110	63	300	115	155	95	6.6
110	75	315	115	165	100	7.0
110	90	328	115	165	105	8.7
160	75	365	145	190	100	9.2
160	110	400	145	200	115	13.4
160	160	446	145	225	145	15.9
200	90	410	155	210	105	17.2
200	110	430	155	220	115	19.8
200	160	480	155	245	140	21.6
200	200	520	155	260	155	25.8
225	90	410	155	215	105	29.6
225	110	430	155	230	115	23.0
225	160	180	155	255	145	24.8
225	225	540	155	270	155	28.8
250	90	450	175	235	105	38.1
250	110	470	175	245	115	31.5
250	160	520	175	270	145	35.1
250	200	560	175	285	155	38.6
250	250	605	175	305	175	41.2
280	90	490	185	250	105	46.4
280	110	510	185	260	115	34.0
280	160	560	185	285	145	40.0
280	225	620	185	300	155	50.0
280	280	675	185	340	185	52.0
315	90	480	190	265	105	35.2
315	110	500	190	275	115	39.0
315	160	550	190	300	145	53.6
315	200	610	190	330	155	55.6
315	225	610	190	315	155	59.0
315	250	640	190	355	175	68.0
315	280	665	190	355	185	72.0
315	315	700	190	350	190	76.6

## Flange Spigot for PVC pipe



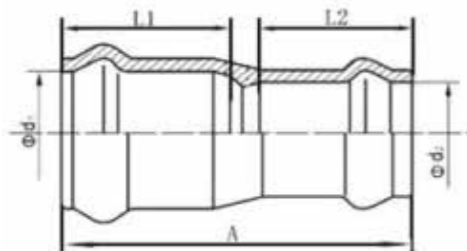
DN	ød	D	K	A	L	kg
50	63	165	125	125	95	3.7
65	75	185	145	130	100	5.0
80	90	200	160	125	95	5.8
100	110	220	180	130	95	7.0
150	160	285	240	160	120	11.6
200	200	340	295	170	130	16.5
200	225	340	295	205	170	16.5
250	250	400	350	200	150	23.4
250	280	400	350	245	200	23.7
300	315	455	400	200	155	33.0



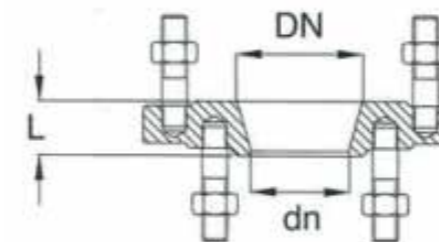
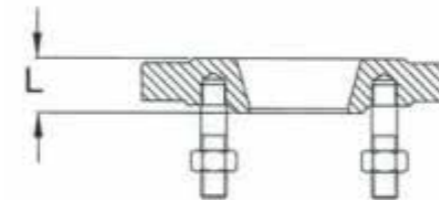
## All Socket Cross

DN	dn	L	H
40	40	60	30
50	50	60	30
63	63	70	35
75	75	90	45
90	90	100	50
110	110	120	60
125	125	140	70
140	140	150	75
160	160	170	85
180	180	190	95
200	200	210	105
225	225	240	120
250	250	260	130
280	280	290	145
315	315	330	165

## Double Socket Reducer



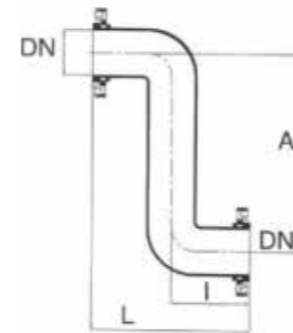
ød1	ød2	A	L1	L2	kg
75	63	210	100	95	3.7
90	63	215	105	95	4.7
90	75	225	105	100	4.9
110	63	240	115	95	5.7
110	75	250	115	100	6.0
110	90	250	115	105	6.6
160	90	290	145	105	10.8
160	110	300	145	115	11.0
200	90	310	155	105	12.1
200	110	310	155	115	14.5
200	160	340	155	145	19.2
225	110	315	155	115	18.5
225	160	340	155	145	21.0
225	200	350	155	155	24.5
250	110	350	175	115	23.0
250	160	370	175	145	23.7
250	200	390	175	155	24.9
250	225	400	175	155	30.0
280	160	390	185	145	32.2
280	225	410	185	155	33.0
280	250	420	185	175	35.0
315	200	400	190	155	38.0
315	225	400	190	155	41.0
315	250	420	190	175	43.5



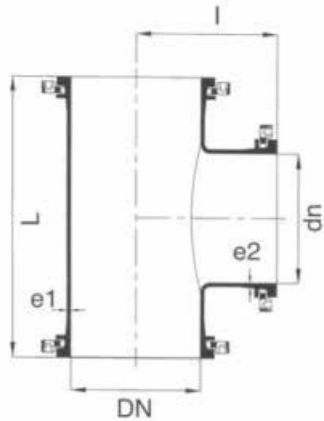
## Reducing Flange

DN	dn	Singe/Double	L	Kg
60	40	D	55	6.5
80	40	D	30	6.0
	50	D	55	9.0
100	60	D	55	8.5
	40	DD	30	6.0
	60	D	30	8.0
125	80	D	30	8.0
	100	D	55	10.5
150	60	S	30	10.0
	80	S	30	10.5
	100	D	30	12.5
	125	D	60	16.5
200	60	S	45	15.5
	80	S	45	16
	100	S	45	16
250	150	D	35	18.5
	200	S	45	27
	200	D	45	23
300	200	S	55	27
	250	D	40	27.5

## Flanged Bend 90°



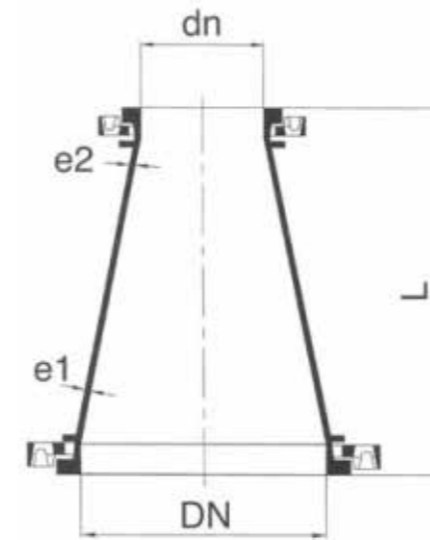
### Tee



DN	dn	L	I	e1	e2	Kg
50	40	255	130	7.0	7.0	9.0
	50	280	140	7.0	7.0	9.7
60/65	40	280	140	7.0	7.0	9.6
	50					11.2
80	60/65	305	150	7.0	7.0	11.6
	40	310	135	7.0	7.0	12.0
100	50					13.0
	60/65	310	155	7.0	7.0	14.7
	80	330	165	7.0	7.0	14.8
	100	320	145	7.2	7.0	14.0
125	60/65	320	165	7.2	7.0	17.8
	80	330	70	7.2	7.0	16.1
	100	360	1180	7.2	7.2	18.5
	125	330	160	7.5	7.0	19.0
150	60/65	330	180	7.5	7.0	21.7
	80	350	185	7.5	7.0	22.6
	100	370	195	7.5	7.2	23.0
	125	400	200	7.5	7.5	24.5
200	50	340	170	7.8	7.0	26.0
	60/65	340	190	7.8	7.0	28.4
	80	360	200	7.8	7.0	24.0
	100	380	205	7.8	7.2	30.5
	125	410	215	7.8	7.5	31.0
250	150	440	220	7.8	7.8	31.8
	60/65	365	215	8.4	7.0	35.8
	80	380	225	8.4	7.0	36.4
	100	400	230	8.4	7.2	38.5
300	125	435	240	8.4	7.5	41.6
	150	460	245	8.4	7.8	44.0
	200	520	260	8.4	8.4	50.8
	80	405	265	9.0	7.0	54.0
	100	425	270	9.0	7.2	56.0
350	125	475	275	9.0	7.2	59.0
	150	485	280	9.0	7.8	60.0
	200	540	290	9.0	8.4	71.0
	250	600	300	9.0	9.0	72.0
400	100	450	300	9.6	7.2	68.0
	125	505	310	13.0	9.0	70.0
	150	505	310	9.6	7.8	71.0
	200	565	320	9.6	8.4	79.0
	250	620	330	9.6	9.0	88.0
450	300	680	340	9.6	9.6	100.0
	60	850	325	16.5	9.5	155.0
	80	850	325	16.5	10.0	160.0
	100	850	325	16.5	10.5	165.0
	125	850	325	16.5	11.0	167.0
	150	850	325	16.5	12.0	170.0
	200	850	325	16.5	13.0	175.0
	250	850	325	16.5	14.0	180.0
	300	850	425	16.5	15.5	190.0
	350	850	425	16.5	16.5	205.0

### Tee

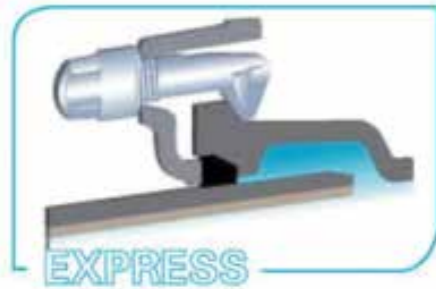
DN	dn	L	I	e1	e2	Kg
400	80	900	350	17.5	10.0	195
	100	900	350	17.5	10.5	200
	125	900	350	17.5	11.0	204
	150	900	350	17.5	12.0	205
	200	900	350	17.5	13.0	210
	250	900	350	17.5	14.0	215
450	300	900	450	17.5	15.5	230
	350	900	450	17.5	16.5	240
	400	900	450	17.5	17.5	245
	100	950	375	19.0	10.5	250
	150	950	375	19.0	12.0	255
	200	950	375	19.0	13.0	260
500	250	950	375	19.0	14.0	265
	300	950	475	19.0	15.5	280
	350	950	475	19.0	16.5	285
	400	950	475	19.0	17.5	295
	450	950	475	19.0	19.0	310
	100	1000	400	20.0	10.5	300
550	150	1000	400	20.0	12.0	310
	200	1000	400	20.0	13.0	315
	250	1000	400	20.0	14.0	320
	300	1000	500	20.0	15.5	335
	350	1000	500	20.0	16.5	340
	400	1000	500	20.0	17.5	350
600	450	1000	500	20.0	19.0	355
	500	1000	500	20.0	20.0	365



### Reducer

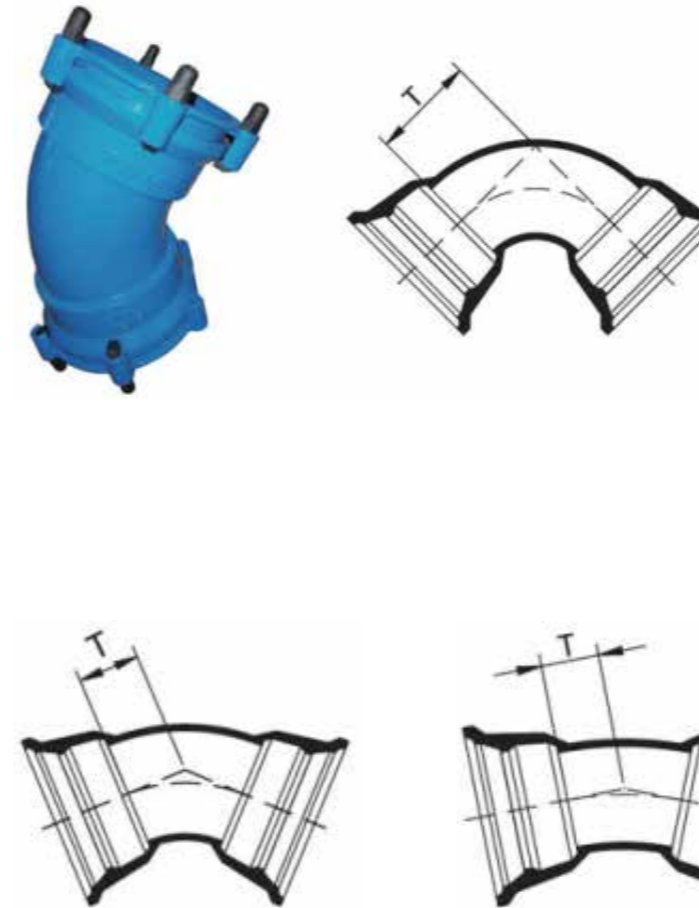
DN	dn	L	e1	e2	Kg
50	40	150	8.0	8.0	4.0
60/65	40	206	8.0	8.0	5.5
	50	216	8.0	8.0	6.1
80	40	241	8.5	8.0	6.0
	50	251	8.5	8.0	7.0
	60	200	8.5	8.0	7.1
100	65	266	8.5	8.0	8.3
	50	249	8.5	8.0	9.9
	60	259	8.5	8.0	8.8
125	65	264	8.5	8.0	9.4
	80	200	8.5	8.5	9.0
	50	290	9.0	8.0	9.1
	60	300	9.0	8.0	10.0
150	65	305	9.0	8.0	11.2
	80	360	9.0	8.5	10.7
	100	200	9.0	8.5	11.2
	50	341	9.5	8.0	11.0
200	60	351	9.5	8.0	11.4
	65	356	9.5	8.0	12.0
	80	311	9.5	8.5	12.2
	100	272	9.5	8.5	13.2
250	125	200	9.5	9.0	14.4
	80	300	9.5	8.5	20.6
	100	385	9.5	8.5	20.7
	125	326	9.5	9.0	22
300	150	300	9.5	9.5	24.6
	80	300	12.0	8.5	
	100	300	12.0	8.5	24.0
	125	370	12.0	9.0	26.0
350	150	319	12.0	9.5	27.0
	200	300	12.0	9.5	33.0
	100	300	13.0	8.5	35.0
	125	300	13.0	9.0	33.0
400	150	424	13.0	9.5	37.0
	200	323	13.0	9.5	40.0
	250	300	13.0	12.0	45.0





Express Joint, the seal is effected by compressing a wedge shaped gasket of elastomeric material, onto the jointing surface in the pipe socket and the outside of pipe spigot by means of a pressure gland and a series of bolts and nuts. It can be deflected up to 4° in any direction and can seal the higher pressure up to 25 bar.

### Double Socket Bend



### Bend 1/4

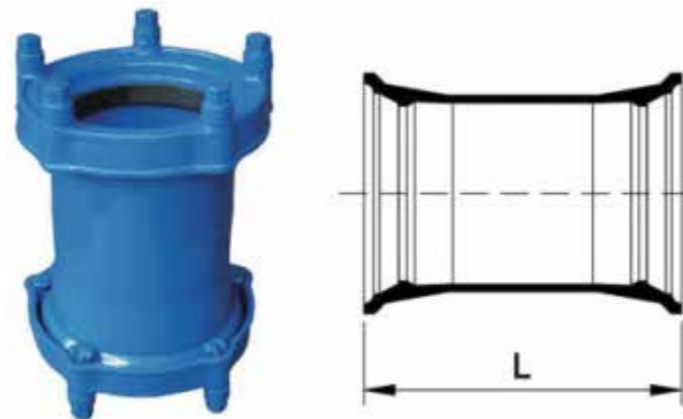
DN	T	kg
60	80	14.0
80	100	18.2
100	120	21.1
125	145	25.8
150	170	32.5
200	220	46.7
250	270	68.1
300	320	92.3
350	370	117.4
400	420	146.4
450	470	200.5
500	520	274.3
600	620	351.4
700	720	577.0
800	820	754.0
900	920	1025.0
1000	1020	1287.0

### Flanged Socket

DN	L	kg
60	161	9.3
65	161	9.3
80	167	11.8
100	169	13.3
125	175	16.0
150	175	19.7
200	182	26.5
250	179	37.2
300	185	48.7
350	195	63.0
400	197	74.3
450	203	104.4
500	208	128.2
600	220	176.0
700	330	254.0
800	340	317.0
900	350	411.0
1000	360	509.0



### Collar



DN	L	kg
60	289	14.1
80	301	17.8
100	305	19.9
125	316	23.4
150	322	28.2
200	339	37.3
250	338	51.4
300	343	65.8
350	346	78.6
400	355	91.2
450	366	125.8
500	373	149.4
600	387	194.6
700	500	320
800	510	388
900	520	516
1000	530	612

### Bend 1/8

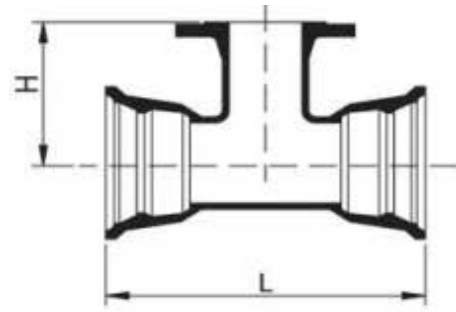
DN	T	kg
60	45	13.6
80	55	17.3
100	65	19.9
125	75	23.8
150	85	29.6
200	110	41.1
250	130	58.6
300	150	77.4
350	175	96.3
400	195	117.0
450	220	161.7
500	240	196.3
600	285	270.9
700	330	439.0
800	370	558.0
900	415	758.0
1000	460	934.0

### Bend 1/16

DN	T	kg
60	35	13.4
80	40	17.1
100	40	19.2
125	50	22.9
150	55	28.1
200	65	37.8
250	75	53.4
300	85	69.5
350	95	84.2
400	110	101.4
450	120	140.0
500	130	168.4
600	150	225.6
700	175	363.0
800	195	452.0
900	220	615.0
1000	240	744.0

### Bend 1/32

DN	T	kg
60	25	13.7
80	30	17.7
100	30	19.8
125	35	23.8
150	35	28.9
200	40	39.2
250	50	50.8
300	55	65.5
350	60	78.5
400	65	92.5
450	70	128.3
500	75	153.3
600	85	202.1
700	95	322.0
800	110	398.0
900	120	538.0
1000	130	643.0



### Double Socket Tee With Flanged Branch

DN	dn	H	L	Kg
60	60	150	299	17.3
80	40	155	325	20.4
	60	160	325	21.2
	80	165	325	22.2
100	60	170	349	23.9
	65	170	349	23.9
	80	175	349	24.8
	100	180	349	25.8
125	60	190	335	29.5
	65	190	335	29.5
	80	190	360	28.6
	100	195	395	30.3
150	125	200	395	31.9
	60	200	366	33.0
	65	200	366	33.0
	80	205	366	33.9
	100	210	426	36.6
200	125	215	426	38.1
	150	220	426	40.1
	60	230	383	43.0
	65	230	383	43.0
	80	235	383	43.9
	100	240	413	46.1
250	150	250	503	53.1
	200	260	503	57.1
	80	265	383	59.0
	100	270	383	59.8
	150	280	448	66.7
300	200	290	563	76.6
	250	300	563	82.4
	80	295	390	74.7
	100	300	390	75.5
	150	310	445	82.6
350	200	320	570	94.8
	250	330	570	100.4
	300	340	645	111.9
	80	325	396	88.5
	100	330	396	89.4
	150	340	461	97.8
400	200	350	576	110.8
	250	360	576	115.7
	350	380	696	140.4

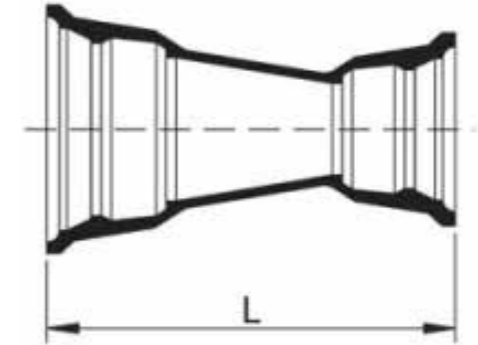


DN	dn	H	L	Kg
400	80	355	385	100.6
	100	360	440	107.0
	150	370	530	119.5
	200	380	530	123.1
	250	390	640	139.6
	300	400	640	145.6
450	400	420	760	174.1
	100	390	476	147.3
	150	400	476	150.6
	200	410	596	168.6
	250	420	596	173.8
	300	430	711	193.6
500	400	450	826	223.2
	450	460	826	234.2
	100	420	485	174.0
	150	430	485	177.3
	200	440	600	197.0
	250	450	600	202.3
600	300	460	715	224.2
	400	480	830	255.7
	500	500	890	290.0
	80	475	420	210.0
	100	480	500	225.7
	150	500	615	233.1
700	200	500	615	253.8
	300	520	730	285.8
	400	540	850	322.8
	600	580	1020	413.4
	150	520	665	390.0
	200	525	665	393.0
800	250	535	665	435.0
	400	555	885	491.0
	600	585	1215	619.0
	700	600	1215	668.0
	150	580	681	472.0
	200	585	681	475.0
900	250	585	681	538.0
	400	615	901	590.0
	600	645	1341	822.0
	800	675	1341	872.0
	200	645	725	623.0
	250	635	725	725.0
1000	400	675	945	758.0
	600	705	1495	1081.0
	900	750	1495	1164.0
	200	705	690	735.0
	250	705	690	739.0
	300	720	910	877.0
1000	400	735	910	891.0
	600	765	1570	1327.0
	1000	825	1570	1470.0



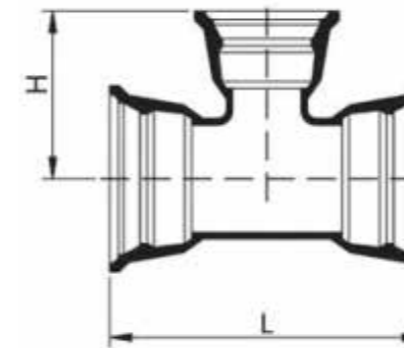
### Cap

DN	L	kg
80	120	9.2
100	120	10.6
125	120	12.7
150	125	15.8
200	130	22.0
250	135	32.2
300	145	43.8



### Double Socket Taper

DN	dn	L	Kg
80	60	267	15.5
100	60	309	17.1
	80	272	18.3
125	80	325	20.9
	100	287	21.2
150	80	378	24.6
	100	340	24.9
	125	293	25.4
200	100	446	32.6
	125	399	33.1
	150	352	34.1
250	150	452	45.6
	200	358	46.3
300	150	553	58.5
	200	459	59.3
	250	359	61.2
350	250	472	75.3
	300	373	75.9
400	250	574	90.8
	300	475	91.4
	350	378	89.3
450	300	578	119.6
	400	383	113.9
500	350	583	141.9
	400	485	138.4
600	450	388	143.8
	400	690	192.8
700	450	593	198.3
	500	495	195.9
800	500	720	320.0
	600	525	307.0
900	600	725	396.0
	700	560	381.0
1000	700	760	538.0
	800	560	508.0
1000	800	760	637.0
	900	560	613.0



### All Socket Tee

DN	dn	H	L	kg
80	80	175	340	26.6
100	80	185	354	29.1
	100	187	354	30.0
125	125	205	415	36.5
150	80	210	371	38.2
	100	212	371	39.1
	150	223	451	45.2
200	80	235	408	49.0
	100	237	408	49.9
	150	248	503	57.5
	200	259	503	61.3
250	250	289	583	89.2
300	300	325	625	117.0

# CERTIFICATE

## JUDBERD MACHINERY



# WELCOME CONTACT US

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