



RIYADH FOUNDRY
مسبك الرياض

Ductile Fittings





Riyadh Foundry is a pioneer leading company in metals casting industry In Saudi Arabia, established in Riyadh in 1976.

We use state-of-the-art technology and unique process capabilities to provide our customers with all casting choices.

Our professional team produces plus expertise to ensure that our precision casting solutions always meets customers' expectations.

Riyadh Foundry plays a dynamic role supporting the government's endeavors to expand the economy based on strong establishment and thriving support of national businesses.

Through development plans, the company has added additional production lines for Fiberglass, Plastic, Ductile Cast-Iron Pipe & Fittings which complies with local and international quality standards to meet all customer's requirements for the infrastructure construction sector.

We are dedicated to provide high-quality and comprehensive solutions to customers. Thanks to our extensive expertise and strict adherence to customer's requirement, our products are will know and sold worldwide. We have taken upon ourself excellence in work, speed in delivery and punctuality.



Vision

Achieving leadership in the foundry industry by providing the ideal products and raw materials according to local and international standards

Mission

To lead the development in the field of manufacturing and producing iron metal castings in Saudi Arabia. As well as strengthen our connection with our customers by the quick response

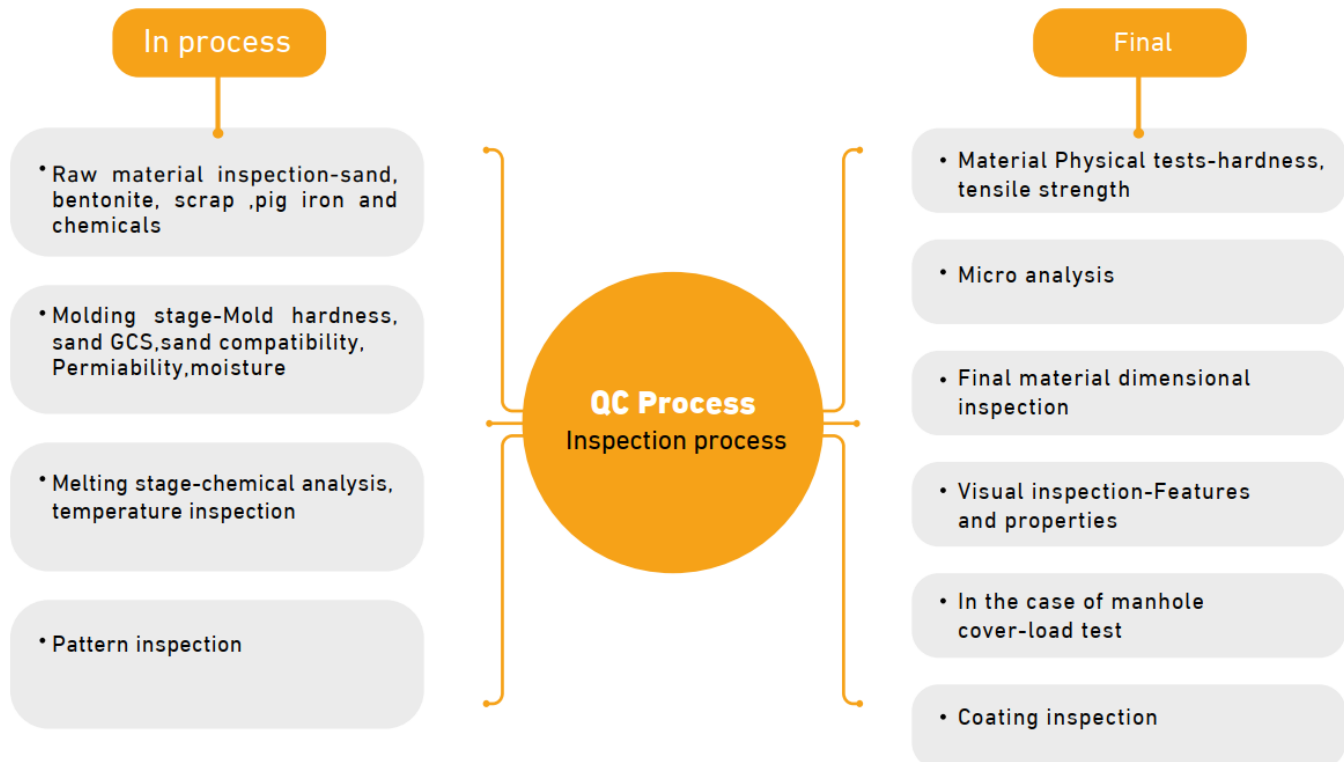
Values

Seeking excellence by rewarding super - performing employees. Focusing on Development, Encouragement, Innovation and Creativity

QUALITY SYSTEM:

Our quality management system is based on ISO9001:2015 standard Throughout production – in progress quality, packing, dispatching and customer service.

Whether initiating a chemical analysis of the Metal and sand or testing the tensile strength and dimensional specification of our final output. We also certified SASO quality mark & BSI Kitemark.



CERTIFICATES

- All Fittings Products compatible with WRAS Approved Materials Standards.
- We also certified in the field of (Ductile Iron Pipes, Fittings, and Accessories) ISO 2531:2009 .
- Our company has following the quality management system ISO9001:2015.
- We also certified Environmental system ISO14001:2015
- We are the holder of BSI KITEMARK for some products against BSEN-124:1994.
- We also certified for SASO (Saudi Arabian Standard Organization) for quality mark.



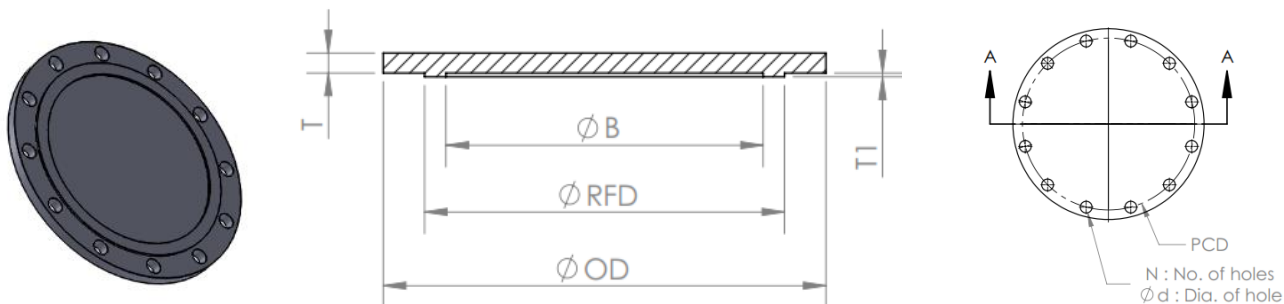
APPROVALS

Riyadh Foundry is the approved supplier of Aramco projects, Ministry of water, Ministry of Sewer, Saudi Telecom, Riyadh Metro and etc.



- Vendor ID in Saudi Aramco **10013592**
- Vendor ID in Saudi Electricity **R3866**
- Vendor ID in National Water Company **17436**
- Vendor ID in Ministry of Housing **6201**

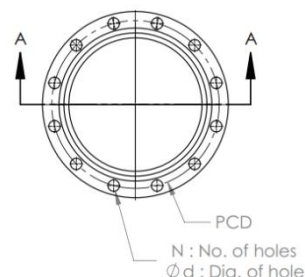
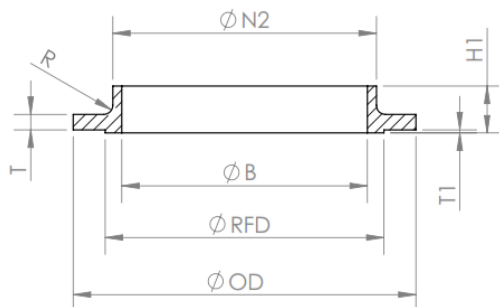
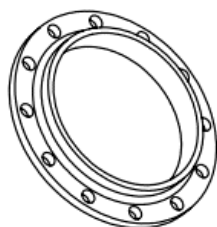
Blank Flange PN16



S.No	Size	OD	PCD	RFD	T1	N	d	T	B	weight (KG)
1	DN 100	220.0 + 3.0	180.0 ± 3.0	156.0 +0 / -4.5	3.0 (Min 1.0 mm)	8	19.0 + 1.5/-0	19 + 4.0/-3.0	118 +0/-1.0	4.3
2	DN 150	285.0 + 3.0	240.0 ± 3.0	211.0 +0 / -4.5	3.0 (Min 1.0 mm)	8	23.0 + 1.5/-0	19 + 4.0/-3.0	170 +0/-1.0	7.2
3	DN 200	340.0 + 3.0	295.0 ± 3.0	266.0 +0 / -4.5	3.0 (Min 1.0 mm)	12	23.0 + 1.5/-0	20 + 4.0/-3.0	222+0 -1.0	11
4	DN 250	405.0 + 5.0	355.0 ± 3.0	319.0 +0 / -4.5	3.0 (Min 1.0 mm)	12	28.0 + 1.5/-0	22 + 4.0/-3.0	274 +0 -2.0	17
5	DN 300	455.0 + 5.0	410.0 ± 4.0	370.0 +0/-4.5	4.0 (Min 1.0 mm)	12	28.0 + 1.5/-0	24.5 + 4.0/-3.0	326+0/-3.0	24
6	DN 400	580.0 + 5.0	525.0 ± 4.0	480.0 +0 / -5.0	4.0 (Min 1.0 mm)	16	31.0 + 1.5/-0	28 + 4.0/-3.0	429 +0 / 4.0	49
7	DN 500	715.0 + 5.0	650.0 ± 3.0	609.0 +0 / -4.0	4.0 (Min 1.0 mm)	20	34.0 + 1.5/-0	31.5 + 3.0/-2.0	532 +0/-4.0	81
8	DN 600	840.0 + 5.0	770.0 ± 3.0	720.0 +0 / -5.0	5.0 (Min 1.0 mm)	20	37.0 + 1.5/-0	36 + 3.0/-2.0	635 +0 -4.0	126
9	DN 800	1025.0 + 5.0	950.0 ± 4.0	901.0 +0 / -5.0	5.0 (Min 1.0 mm)	24	41.0 + 2.0/-0	43 +4.0 /-3.0	842 +0/-4.0	229
10	DN 900	1125.0 + 5.0	1050.0 ± 4.0	1001.0 +0 / -5.0	5.0 (Min 1.0 mm)	28	41.0 + 2.0/-0	46.5 +4.0 /-3.0	945+0/-4.0	301
11	DN 1000	1255.0 + 5.0	1170.0 ± 4.0	1115.0 +0 / -5.0	5.0 (Min 1.0 mm)	28	44.0 + 2.0/-0	50 +4.0/-3.0	1048 +0 / -4.0	406

All dimensions are in millimeter

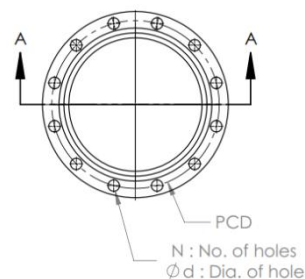
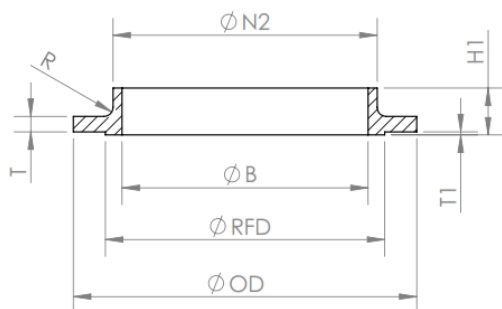
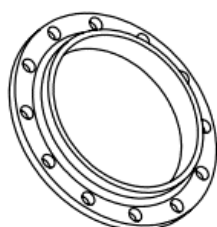
Welded Flange PN 16



S.No	Size	OD	PCD	RFD	T1	N	d	T	B	H1 (Ref)	N2 (Ref)	R
1	DN 80	200.0+3.0	160.0 +3.0	132.0 +0/-4.5	3.0(Min 1.0 mm)	8	19.0 +1.5/-0	19+4.0/- 3.0	98 +0/-1.0	50	120	6
2	DN 100	220.0 + 3.0	180.0 +3.0	156.0 +0/-4.5	3.0(Min 1.0 mm)	8	19.0 +1.5/-0	19+4.0/- 3.0	118 +0/-1.0	50	140	8
3	DN 150	285.0+3.0	240.0 +3.0	211.0 +0/-4.5	3.0(Min 1.0 mm)	8	23.0 +1.5/-0	19+4.0/- 3.0	170 +0/-1.0	50	195	10
4	DN 200	340.0 + 3.0	295.0 + 3.0	266.0 +0/-4.5	3.0 (Min 1.0 mm)	12	23.0 +1.5/-0	20+4.0/- 3.0	222 +0/-1.0	55	246	10
5	DN 250	405.0+5.0	355.0 + 3.0	319.0 +0/-4.5	3.0(Min 1.0 mm)	12	28.0 +1.5/-0	22+4.0/- 3.0	274 +0 / 2.0	60	296	10
6	DN 300	455.0+5.0	410.0 + 4.0	370.0 +0/-4.5	4.0(Min 1.0 mm)	12	28.0 +1.5/-0	24.5+4.0/- 3.0	326 +0/-3.0	62	350	12
7	DN 350	520.0+5.0	470.0 + 4.0	429.0 +0/-4.5	4.0(Min 1.0 mm)	16	28.0+1.5/- 0	26.5+4.0/- 3.0	378 +0/-3.0	65	410	12
8	DN 400	580.0+5.0	525.0 + 4.0	480.0 +0/-5.0	4.0(Min 1.0 mm)	16	31.0 +1.5/-0	28+4.0/- 3.0	429 +0 / 4.0	70	458 2	12
9	DN 500	715.0+5.0	650.0 + 3.0	609.0 +0 /-4.0	4.0(Min 1.0 mm)	20	34.0 +1.5/-0	31.5+3.0/- 2.0	532 +0/-4.0	80	576+5	12
10	DN 600	840.0 + 5.0	770.0 +3.0	720.0 +0/-5.0	5.0 (Min 1.0 mm)	20	37.0 +1.5/-0	36+3.0/- 2.0	635 +0/-4.0	100	665+5	12
11	DN 800	1025.0+5.0	950.0 + 4.0	901.0 +0/-5.0	5.0(Min 1.0mm)	24	41.0+2.0/- 0	43+4.0/- 3.0	842 +0 / 4.0	120	862+5	12
12	DN 900	1125.0+5.0	1050.0 + 4.0	1001.0 +0/-5.0	5.0(Min 1.0 mm)	28	41.0 +2.0/-0	46.5+4.0/- 3.0	945+0/- 4.0	130	962+5	12
13	DN 1000	1255.0+5.0	1170.0 + 4.0	1115.0 +0/-5.0	5.0(Min 1.0 mm)	28	44.0 +2.0/-0	50+4.0/- 3.0	1048 +0 / 4.0	140	1076 2	12

All dimensions are in millimeter

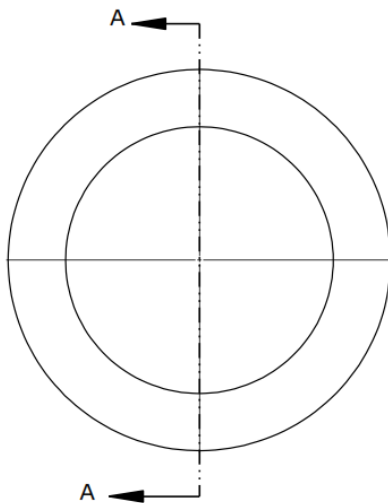
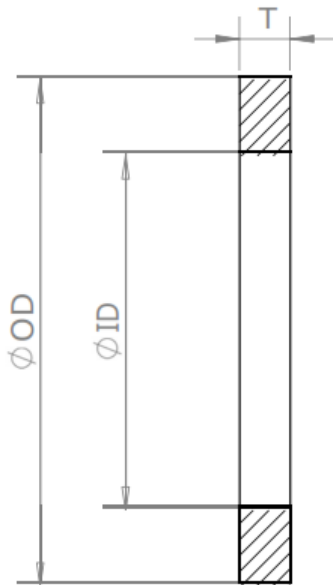
Ductile Welding Flange PN 25



S.No	SIZE	OD	RFD	T	T1	PCD	N	d	B	N2	H1	R
1	80	200	132	16	3	160	8	19	98	120	40	6
2	100	235	156	16	3	190	8	23	118	142	44	6
3	125	270	184	16	3	220	8	28	144	162	48	6
4	150	300	211	17	3	250	8	28	170	192	52	8
5	200	360	274	19	3	310	12	28	222	252	52	8
6	250	425	330	21.5	3	370	12	31	274	304	60	10
7	300	485	389	23.5	4	430	16	31	326	364	67	10
8	350	555	448	26	4	490	16	34	378	418	72	10
9	400	620	503	28	4	550	16	37	429	472	78	10
10	450	670	548	30.5	4	600	20	37	480	520	84	12
11	500	730	609	32.5	4	660	20	37	532	580	90	12
12	600	845	720	37	5	770	20	40	635	684	100	12
13	700	960	820	41.5	5	875	24	43	738	780	110	12
14	800	1085	928	46	5	990	24	49	842	882	120	12
15	900	1185	1028	50.5	5	1090	28	49	945	982	130	12
16	1000	1320	1140	55	5	1210	28	56	1048	1086	140	12
17	1200	1530	1350	64	5	1420	32	56	1255	1296	155	12
18	1400	1755	1560	69	5	1640	36	62	1462	1508	165	12
19	1600	1975	1780	76	5	1860	40	62	1668	1726	185	12
20	1800	2195	1985	83	5	2070	44	70	1875	1920	190	15
21	2000	2425	2210	90	5	2300	48	70	2082	2150	195	15

All dimensions are in millimeter

Puddle Flanges DN100 to DN 1200

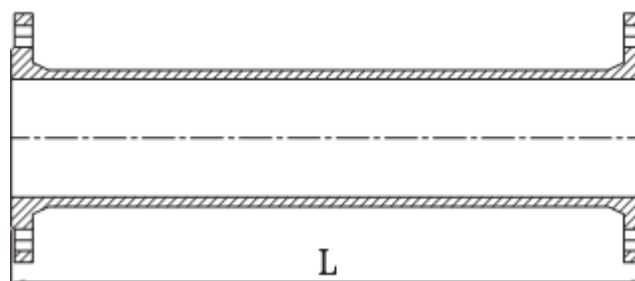


SIZE	OD	ID	T
DN - 100 PN 16	219	118	10
DN - 150 PN 16	283	170	10
DN - 200 PN 16	335	222	10
DN - 250 PN 16	398	273	10
DN - 300 PN 16	451	327	10
DN - 400 PN 16	576	430	15
DN - 500 PN 16	715	530	15
DN - 600 PN 16	840	635	15
DN - 700 PN 16	910	738	15
DN - 800 PN 16	1025	842	15
DN - 900 PN 16	1130	945	20
DN - 1200 PN 16	1255	1048	20

All dimensions are in millimeter

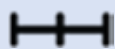


Double Flanged Pipe (FF)

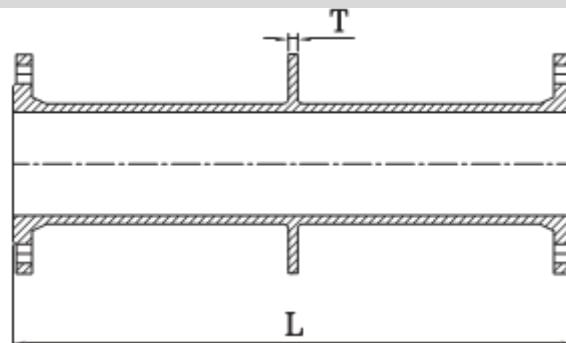


DN	PN10 DF Pipe Mass (Kg) for L					
	500	1000	1500	2000	2500	3000
80	14	X	X	X	X	X
100	17	27	X	X	X	X
150	26	42	X	X	X	X
200	37	60	100	X	X	X
250	50	81	113	X	X	X
300	65	104	143	182	X	X
350	77	125	174	222	X	X
400	91	149	208	266	X	X
450	110	178	247	316	X	X
500	125	204	284	364	444	524
600	168	273	379	484	590	695
700	216	349	483	616	750	883
800	276	442	608	774	940	1106
900	330	530	730	930	1130	1330
1000	402	641	881	1120	1360	1599
1100	506	786	1066	1346	1626	1906
1200	567	891	1216	1540	1865	2189
1400	719	1141	1564	1986	2409	2831
1500	881	1357	1834	2310	2787	3263
1600	946	1480	2014	2548	3082	3616
1800	1130	1787	2445	3102	3760	4417
2000	1352	2146	2940	3734	4528	5322
2200	1634	2575	3517	4458	5340	6341
2400	1901	3005	4110	5214	6319	7423
2500	2027	3217	4409	5600	6791	7981
2600	2152	3429	4707	5984	7262	8539

DN	PN16 DF Pipe Mass (Kg) for L					
	500	1000	1500	2000	2500	3000
14	X	X	X	X	X	X
17	27	X	X	X	X	X
26	42	X	X	X	X	X
37	60	100	X	X	X	X
50	81	113	X	X	X	X
65	104	143	182	X	X	X
83	131	180	228	X	X	X
102	160	218	276	X	X	X
125	194	263	332	X	X	X
155	235	316	396	477	557	
220	326	432	538	644	750	
245	380	515	650	785	920	
314	480	646	812	978	1144	
377	578	779	980	1181	1382	
484	724	964	1204	1444	1684	
576	856	1136	1416	1696	1976	
696	1019	1343	1666	1990	2313	
854	1278	1702	2126	2550	2974	
1057	1533	2010	2486	2963	3439	
1150	1684	2218	2752	3286	3820	
1382	2039	2697	3354	4012	4669	
1658	2451	3245	4038	4832	5625	
1967	2909	3852	4794	5737	6679	
2306	3409	4513	5616	6720	7823	
2464	3655	4546	6036	7227	8418	
2622	3900	5178	6456	7734	9012	



Double Flanged Pipe With Puddle (FFM)

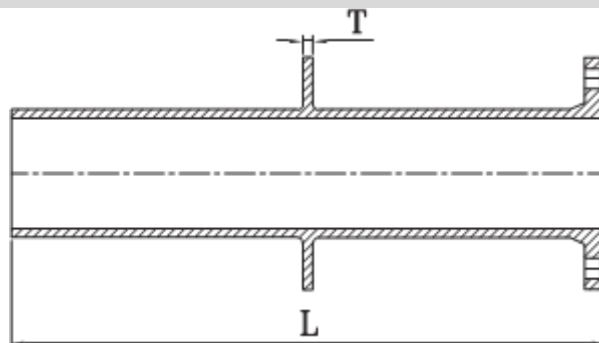


DN	PN10 Double flanged pipe with Puddle Mass (Kg) for L					
	500	1000	1500	2000	2500	3000
80	17	X	X	X	X	X
100	20	30	X	X	X	X
150	31	47	X	X	X	X
200	44	67	110	X	X	X
250	59	90	122	X	X	X
300	78	117	156	195	X	X
350	91	139	188	236	X	X
400	107	165	224	282	X	X
450	130	198	267	336	X	X
500	147	226	306	386	466	546
600	199	304	410	515	621	726
700	257	390	524	657	791	924
800	331	497	663	829	995	1161
900	395	595	795	995	1195	1395
1000	483	722	962	1201	1441	1680
1100	619	899	1179	1459	1739	2019
1200	688	1012	1337	1661	1986	2310
1400	867	1289	1712	2134	2557	2979
1500	1083	1559	2036	2512	2989	3465
1600	1152	1686	2220	2754	3288	3822
1800	1366	2023	2681	3338	3996	4653
2000	1631	2425	3219	4013	4807	5601
2200	1980	2921	3863	4804	5686	6687
2400	2299	3403	4508	5612	6717	7821
2500	2445	3635	4827	6018	7209	8399
2600	2589	3866	5144	6421	7699	8976

DN	PN16 Double flanged pipe with Puddle Mass (Kg) for L					
	500	1000	1500	2000	2500	3000
80	17	X	X	X	X	X
100	20	30	X	X	X	X
150	31	47	110	X	X	X
200	44	67	X	X	X	X
250	59	90	122	X	X	X
300	78	117	156	195	X	X
350	100	148	197	245	X	X
400	124	182	240	298	X	X
450	153	222	291	360	X	X
500	192	272	353	433	514	594
600	277	383	489	595	701	807
700	300	435	570	705	840	975
800	388	554	720	886	1052	1218
900	465	666	867	1068	1269	1470
1000	606	846	1086	1326	1566	1806
1100	724	1004	1284	1564	1844	2124
1200	882	1205	1529	1852	2176	2499
1400	1069	1493	1917	2341	2765	3189
1500	1347	1823	2300	2776	3253	3729
1600	1458	1992	2526	3060	3594	4128
1800	1744	2401	3059	3716	4374	5031
2000	2090	2883	3677	4470	5264	6057
2200	2479	3421	4364	5306	6249	7191
2400	2907	4010	5114	6217	7321	8424
2500	3101	4292	5183	6673	7864	9055
2600	3294	4572	5850	7128	8406	9684

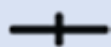


Flanged Spigot with Puddle

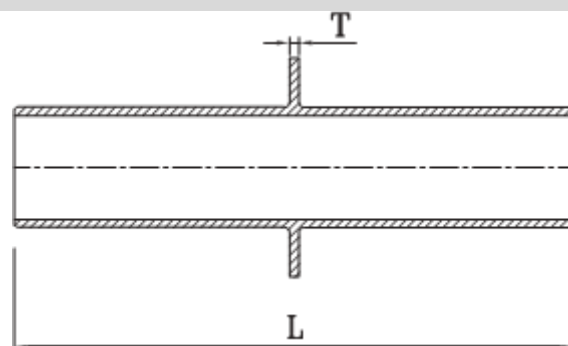


DN	PN10 Flanged Spigot Pipe with Puddle Mass (Kg) for L					
	500	1000	1500	2000	2500	3000
80	14	X	X	X	X	X
100	17	27	X	X	X	X
150	26	42	X	X	X	X
200	37	60	X	X	X	X
250	50	81	113	X	X	X
300	65	104	143	182	X	X
350	77	125	174	222	X	X
400	91	149	208	266	X	X
450	110	178	247	316	X	X
500	125	204	284	364	444	524
600	168	273	379	484	590	695
700	216	349	483	616	750	883
800	276	442	608	774	940	1106
900	330	530	730	930	1130	1330
1000	402	641	881	1120	1360	1599
1100	506	786	1066	1346	1626	1906
1200	567	891	1216	1540	1865	2189
1400	719	1141	1564	1986	2409	2831
1500	881	1357	1834	2310	2787	3263
1600	946	1480	2014	2548	3082	3616
1800	1130	1787	2445	3102	3760	4417
2000	1352	2146	2940	3734	4528	5322
2200	1634	2575	3517	4458	5340	6341
2400	1901	3005	4110	5214	6319	7423
2500	2027	3217	4409	5600	6791	7981
2600	2152	3429	4707	5984	7262	8539

PN16 Flanged Spigot Pipe with Puddle Mass (Kg) for L					
500	1000	1500	2000	2500	3000
14	X	X	X	X	X
17	27	X	X	X	X
26	42	X	X	X	X
37	60	X	X	X	X
50	81	113	X	X	X
65	104	143	182	X	X
83	131	180	228	X	X
102	160	218	276	X	X
125	194	263	332	X	X
155	235	316	396	477	557
220	326	432	538	644	750
245	380	515	650	785	920
314	480	646	812	978	1144
377	578	779	980	1181	1382
484	724	964	1204	1444	1684
576	856	1136	1416	1696	1976
696	1019	1343	1666	1990	2313
854	1278	1702	2126	2550	2974
1057	1533	2010	2486	2963	3439
1150	1684	2218	2752	3286	3820
1382	2039	2697	3354	4012	4669
1658	2451	3245	4038	4832	5625
1967	2909	3852	4794	5737	6679
2306	3409	4513	5616	6720	7823
2464	3655	4546	6036	7227	8418
2622	3900	5178	6456	7734	9012

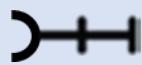


Double Spigot Pipe with Puddle

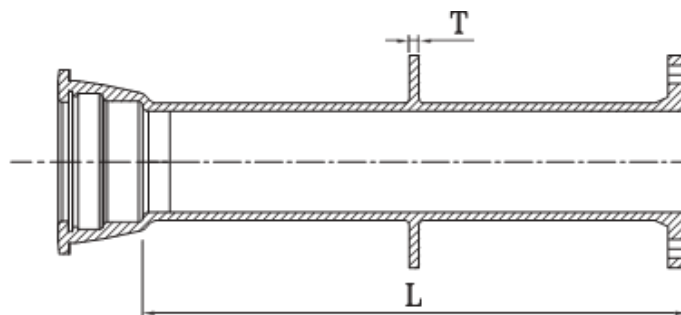


DN	PN10 Double spigot pipe with Puddle Mass (Kg) for L					
	500	1000	1500	2000	2500	3000
80	11	X	X	X	X	X
100	14	24	X	X	X	X
150	21	37	X	X	X	X
200	30	53	X	X	X	X
250	41	72	104	X	X	X
300	52	91	130	169	X	X
350	63	111	160	208	X	X
400	75	133	192	250	X	X
450	90	158	227	296	X	X
500	103	182	262	342	422	502
600	137	242	348	453	559	664
700	175	308	442	575	709	842
800	221	387	553	719	885	1051
900	265	465	665	865	1065	1265
1000	321	560	800	1039	1279	1518
1100	393	673	953	1233	1513	1793
1200	446	770	1095	1419	1744	2068
1400	571	993	1416	1838	2261	2683
1500	679	1155	1632	2108	2585	3061
1600	740	1274	1808	2342	2876	3410
1800	894	1551	2209	2866	3524	4181
2000	1073	1867	2661	3455	4249	5043
2200	1288	2229	3171	4112	4994	5995
2400	1503	2607	3712	4816	5921	7025
2500	1609	2799	3991	5182	6373	7563
2600	1715	2992	4270	5547	6825	8102

PN16 spigot flanged pipe with Puddle Mass (Kg) for L						
500	1000	1500	2000	2500	3000	
11	X	X	X	X	X	
14	24	X	X	X	X	
21	37	X	X	X	X	
30	53	X	X	X	X	
41	72	104	X	X	X	
52	91	131	170	X	X	
66	114	163	211	X	X	
80	138	196	254	X	X	
97	166	235	304	X	X	
118	198	279	359	440	520	
163	269	375	481	587	693	
190	325	460	595	730	865	
240	406	572	738	904	1070	
289	490	691	892	1093	1294	
362	602	842	1082	1322	1562	
428	708	988	1268	1548	1828	
510	833	1157	1480	1804	2127	
639	1063	1487	1911	2335	2759	
767	1243	1720	2196	2673	3149	
842	1376	1910	2444	2978	3512	
1020	1677	2335	2992	3650	4307	
1226	2019	2813	3606	4400	5193	
1455	2397	3340	4282	5225	6167	
1705	2808	3912	5015	6119	7222	
1827	3018	3909	5399	6590	7781	
1950	3228	4506	5784	7062	8340	



Flanged Socket Pipe with Puddle



DN	PN10 Flanged Socket Pipe with Puddle Mass (Kg) for L					
	500	1000	1500	2000	2500	3000
80	17	X	X	X	X	X
100	21	31	X	X	X	X
150	33	49	X	X	X	X
200	47	70	X	X	X	X
250	64	95	127	X	X	X
300	83	122	161	200	X	X
350	100	148	197	245	X	X
400	120	178	237	295	X	X
450	146	214	283	352	X	X
500	168	247	327	407	487	567
600	227	332	438	543	649	754
700	296	429	563	696	830	963
800	378	544	710	876	1042	1208
900	460	660	860	1060	1260	1460
1000	563	802	1042	1281	1521	1760
1100	711	991	1271	1551	1831	2111
1200	805	1129	1454	1778	2103	2427
1400	999	1421	1844	2266	2689	3111
1500	1359	1835	2312	2788	3265	3741
1600	1430	1964	2498	3032	3566	4100
1800	1620	2277	2935	3592	4250	4907
2000	1978	2772	3566	4360	5154	5948
2200	2418	3359	4301	5242	6124	7125
2400	2867	3971	5076	6180	7285	8389
2500	2027	3217	4409	5600	6791	7981
2600	3326	4603	5881	7158	8436	9713

DN	PN16 Flanged Socket Pipe with Puddle Mass (Kg) for L					
	500	1000	1500	2000	2500	3000
17	X	X	X	X	X	X
21	31	X	X	X	X	X
33	49	X	X	X	X	X
47	70	X	X	X	X	X
64	95	127	X	X	X	X
83	122	161	200	X	X	X
106	154	203	251	X	X	X
131	189	247	305	X	X	X
161	230	299	368	X	X	X
198	278	359	439	520	600	
279	385	491	597	703	809	
325	460	595	730	865	1000	
416	582	748	914	1080	1246	
507	708	909	1110	1311	1512	
645	885	1125	1365	1605	1845	
781	1061	1341	1621	1901	2181	
934	1257	1581	1904	2228	2551	
1134	1558	1982	2406	2830	3254	
1535	2011	2488	2964	3441	3917	
1634	2168	2702	3236	3770	4304	
1872	2529	3187	3844	4502	5159	
2284	3077	3871	4664	5458	6251	
2751	3693	4636	5578	6521	7463	
3272	4375	5479	6582	7686	8789	
2464	3655	4546	6036	7227	8418	
3796	5074	6352	7630	8908	10186	