



DUCTILE IRON LOOSE FLANGED FITTINGS

Loose-Flanged Fittings



Loose-Flanged Fittings

Loose-flanged fittings are mainly used for drinking-water transmission, similar to grooved fittings. Made of high-grade ductile iron, this range of pipe fittings can also be applied for acid transportation in acid plants as well as slurry service.

The product surface shall be smooth and free of sand holes, blowholes, distortion and other casting defects. A wide range of configurations is available, including loose-flanged spigot, loose-flanged tee, double loose-flanged concentric taper, double loose flanged bend, and more.

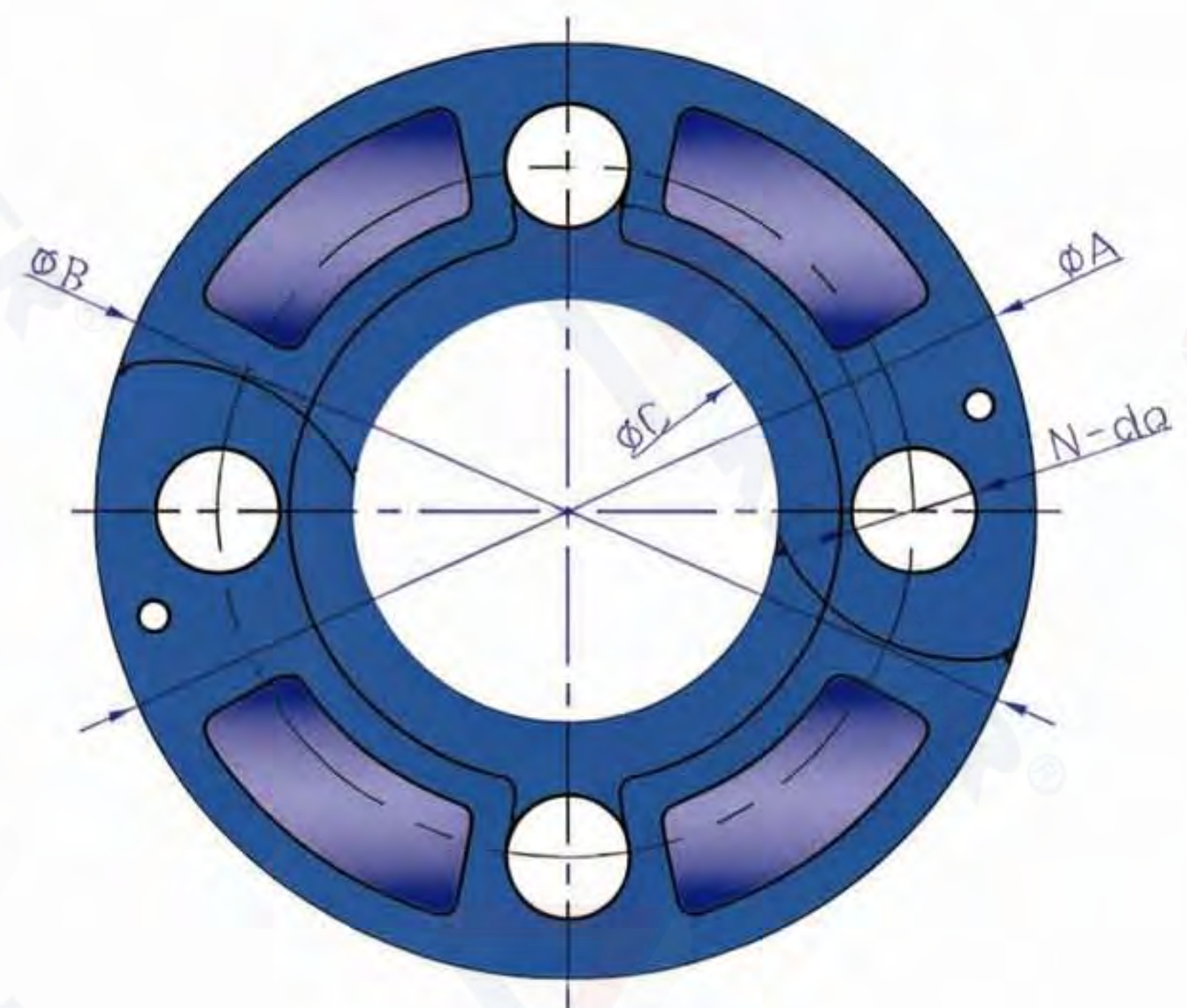
Standards: Flange EN 1092-2

Material: Ductile Iron GGG50

Coating: Epoxy powder coating, internal & external with minimum thickness 250 um

DI LOOSE FLANGED FITTINGS

Loose-Flanged Dimensions



Loose-Flanged Dimensions

mm

SIZE	ΦA	ΦB	ΦC	WEIGHT(KG)
40	150	110	68	1.2
50	165	125	80	1.4
60/65	185	135/145	96	1.8
80	200	160	113	2
100	220	180	197	2.2
125	250	210	164	2.8
150	285	240	192	3.4
200	340	295	244	4.6
250	400	355	297	6
300	455	410	352	8



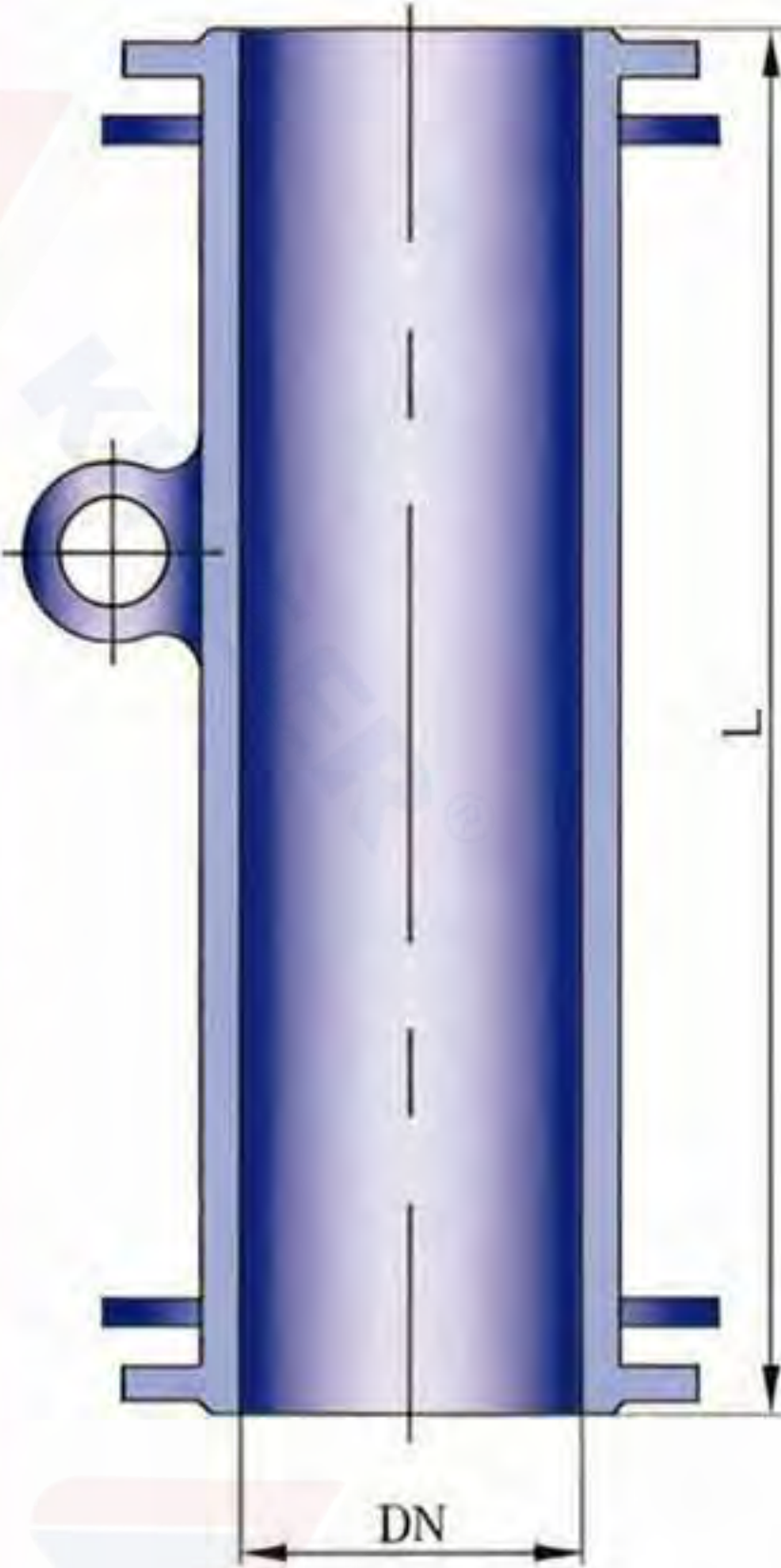
DUCTILE IRON LOOSE FLANGED FITTINGS

Double Loose-Flanged Pipe



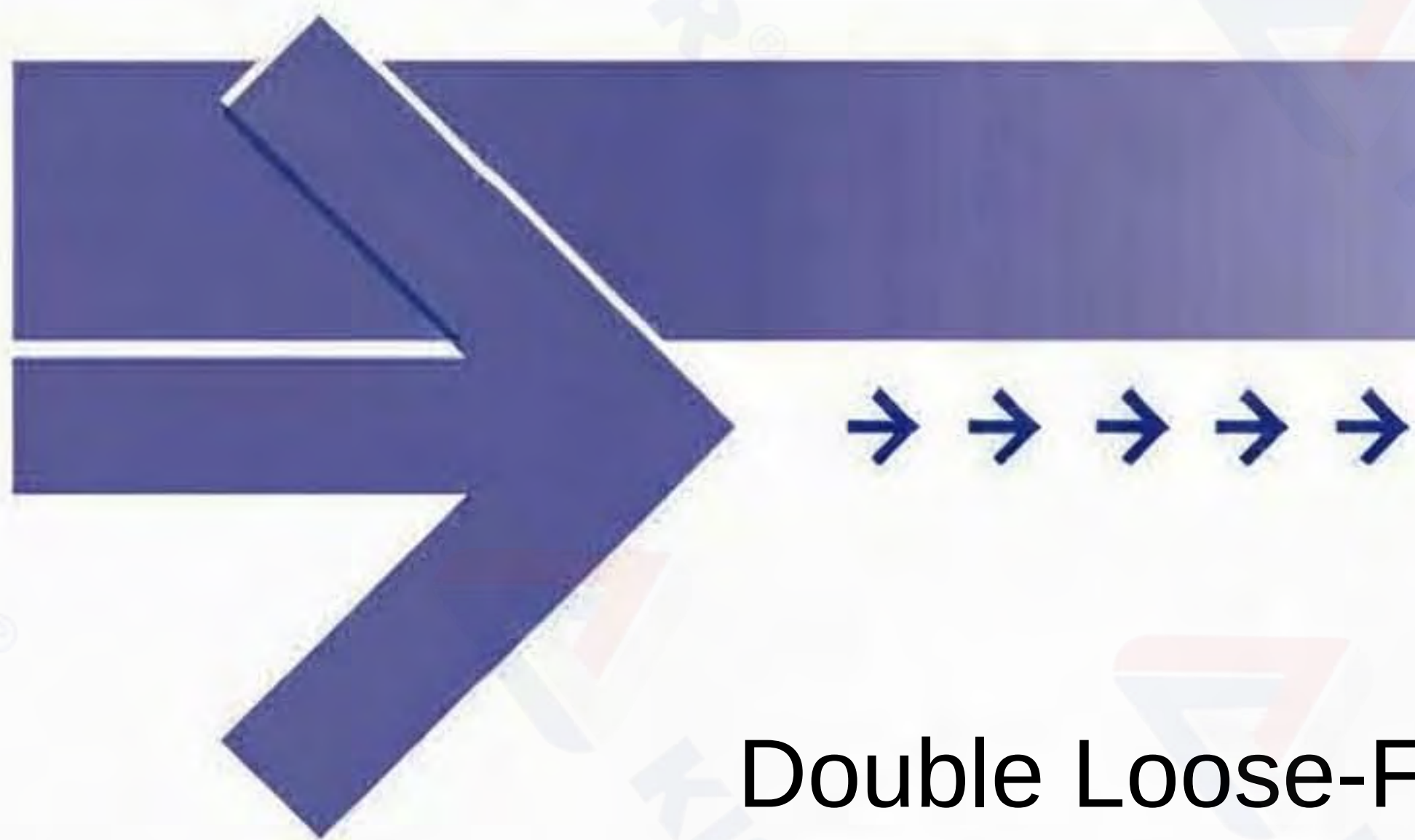
Double Loose-Flanged Pipe mm

SIZE	DN	L	WEIGHT(KG)
40*250	40	250	—
50*250	50	250	—
60*250	60	250	—
80*250	65	250	—
80*250	80	250	—
80*800	80	800	10.8
80*1000	80	1000	13.9
100*100	100	100	3.2
100*200	100	200	5
100*250	100	250	—
100*300	100	300	7
100*400	100	400	8.6
100*600	100	600	11.1
100*800	100	800	15.4
100*1000	100	1000	17.8
125*250	125	250	11
150*250	150	250	—
200*250	200	250	—
250*250	250	250	—
300*250	300	250	—
40*500	40	500	—
50*500	50	500	—
60*500	60	500	—
65*500	65	500	7.5
80*500	80	500	15
100*500	100	500	—
125*500	125	500	18
150*500	150	500	—
200*500	200	500	—
250*500	250	500	—
300*500	300	500	54



DI LOOSE FLANGED FITTINGS

Double Loose-Flanged Bend



Double Loose-Flanged Bend





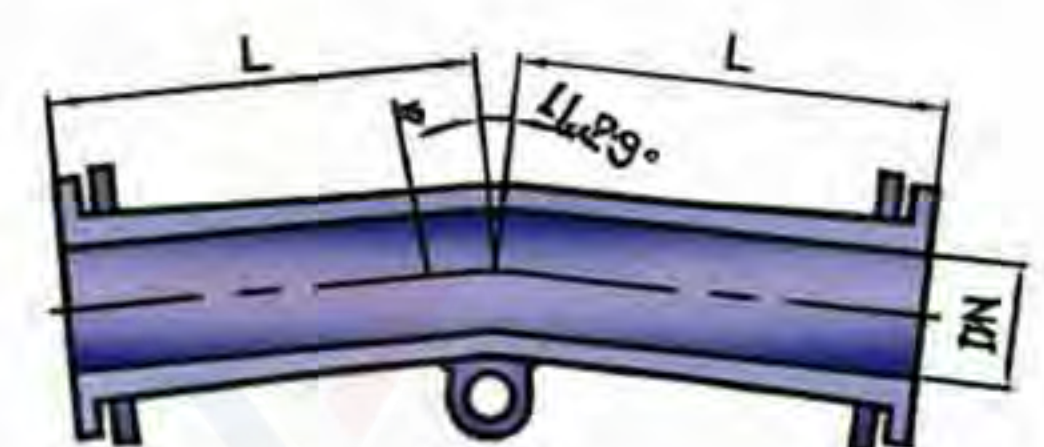
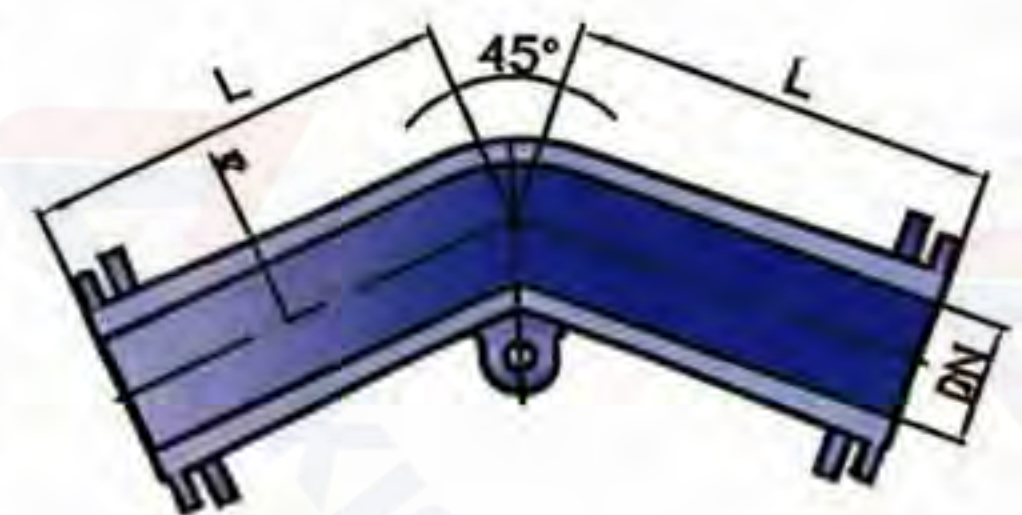
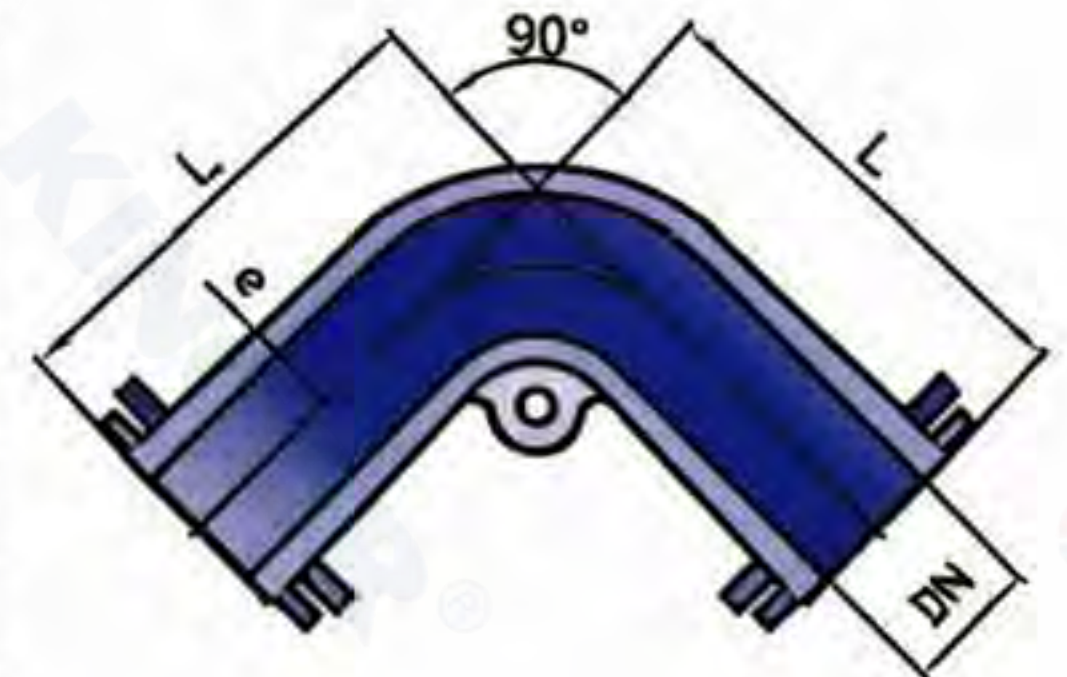
DUCTILE IRON LOOSE FLANGED FITTINGS

Double Loose-Flanged Bend



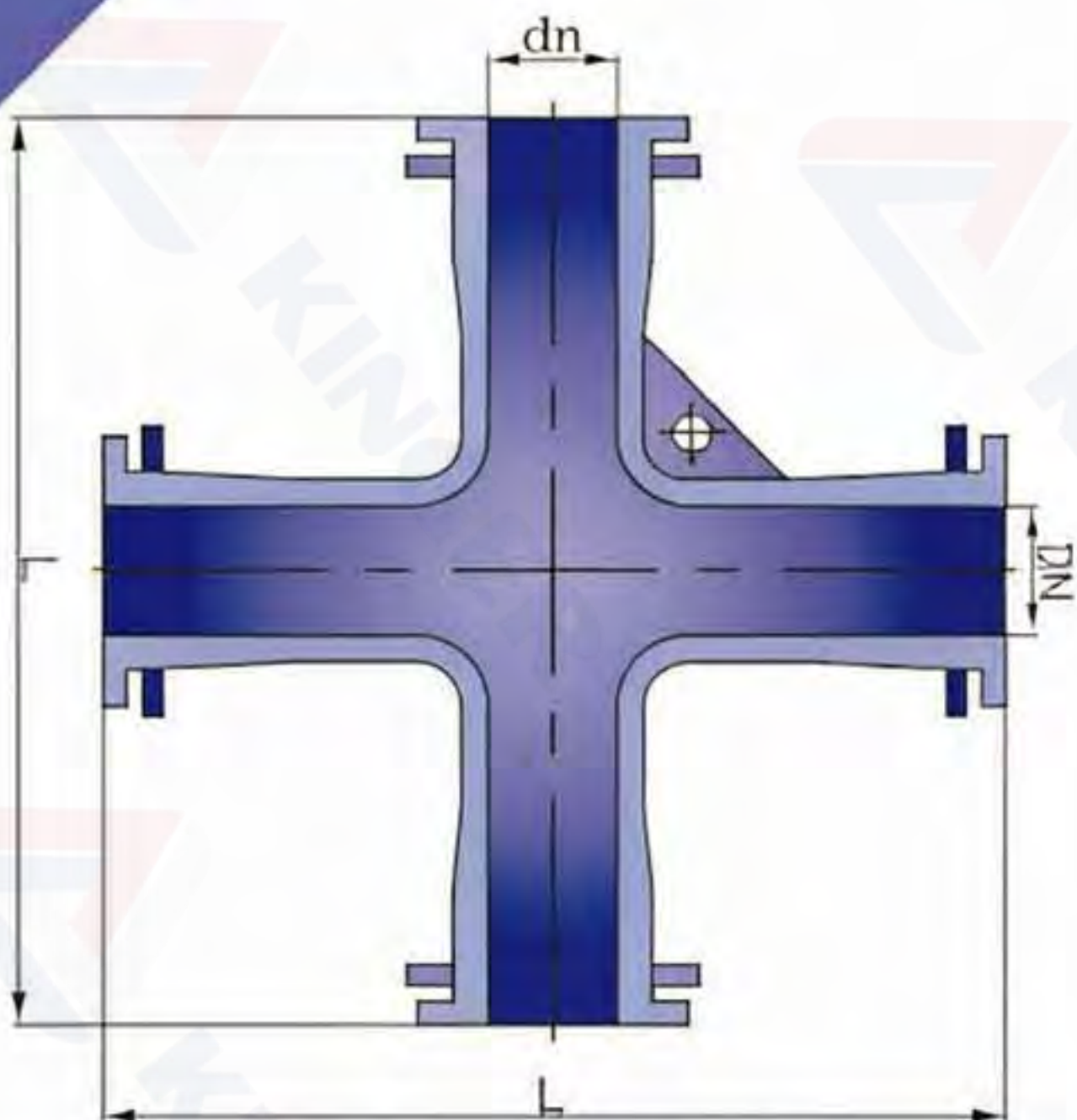
mm

SIZE	L	e	WEIGHT(KG)
1/4(90°) 40	140	8	4.8
1/4(90°) 50	150	8	6.8
1/4(90°) 50	160	8	8
1/4(90°) 65	180	8	6.4
1/4(90°) 80	165	8.4	10.5
1/4(90°) 100	180	8.4	13.2
1/4(90°) 125	200	8.9	18.6
1/4(90°) 150	220	9.1	24.8
1/4(90°) 200	260	9.5	36.2
1/4(90°) 250	350	12	62.1
1/4(90°) 300	400	13	91.5
1/8(45°) 40	140	8	5.4
1/8(45°) 50	150	8	6.8
1/8(45°) 60	160	8	8.4
1/8(45°) 65	160	8	8.6
1/8(45°) 80	130	8.4	11
1/8(45°) 100	140	8.4	12.1
1/8(45°) 125	150	8.9	17.2
1/8(45°) 150	160	8.1	22.8
1/8(45°) 200	180	9.5	32.9
1/8(45°) 250	245	12	52
1/8(45°) 300	275	13	76
1/16(22.5°) 40	95	8	4.5
1/16(22.5°) 50	95	8	5.3
1/16(22.5°) 60	115	8	7.2
1/16(22.5°) 65	115	8	7.3
1/16(22.5°) 80	105	8.4	9
1/16(22.5°) 100	110	8.4	11.2
1/16(22.5°) 125	105	8.9	14.2
1/16(22.5°) 150	110	9.1	17.7
1/16(22.5°) 200	130	9.5	28.5
1/16(22.5°) 250	140	12	45.8
1/16(22.5°) 300	175	13	56.5
1/32(11.25°) 40	120	8	4.8
1/32(11.25°) 50	120	6	5.8
1/32(11.25°) 60	120	8	6.9
1/32(11.25°) 65	120	8	7.4
1/32(11.25°) 80	115	8.4	9.2
1/32(11.25°) 100	115	8.4	11.2
1/32(11.25°) 125	110	8.9	14.7
1/32(11.25°) 150	115	9.1	19.8
1/32(11.25°) 200	130	9.5	24.2
1/32(11.25°) 250	105	12	37.2
1/32(11.25°) 300	115	13	56.7



DI LOOSE FLANGED FITTINGS

Loose-Flanged Cross



DN	dn	L	WEIGHT(KG)
40	40	280	--
50	50	320	--
60	40	320	--
60	50	320	--
60	60	320	--
65	65	320	--
80	40	330	--
80	50	330	--
80	60	330	--
80	65	330	--
80	60	330	--
100	40	330	--
100	50	360	--
100	60	360	--
100	65		--
100	60	360	--



mm

DN	dn	L	WEIGHT(KG)
100	100	360	13
125	40	400	--
125	50	400	--
125	60	400	--
125	65	400	--
125	80	400	--
125	100	400	--
125	125	400	19.3
150	40	440	--
150	50	440	--
150	60	440	--
150	65	440	--
150	60	440	--
150	100	440	--
150	125	440	--
150	150	440	27
200	40	520	--
200	50	520	--
200	60	520	--
200	65	520	--
200	80	520	--
200	100	520	--
200	125	520	--
200	150	520	--
200	200	520	--
250	60	380	--
250	65	380	--
250	80	380	--
250	100	460	--
250	125	460	--
250	150	460	--
250	200	540	--
250	250	600	--
300	100	450	--
300	150	550	--
300	200	550	--
300	250	660	--
300	300	660	109



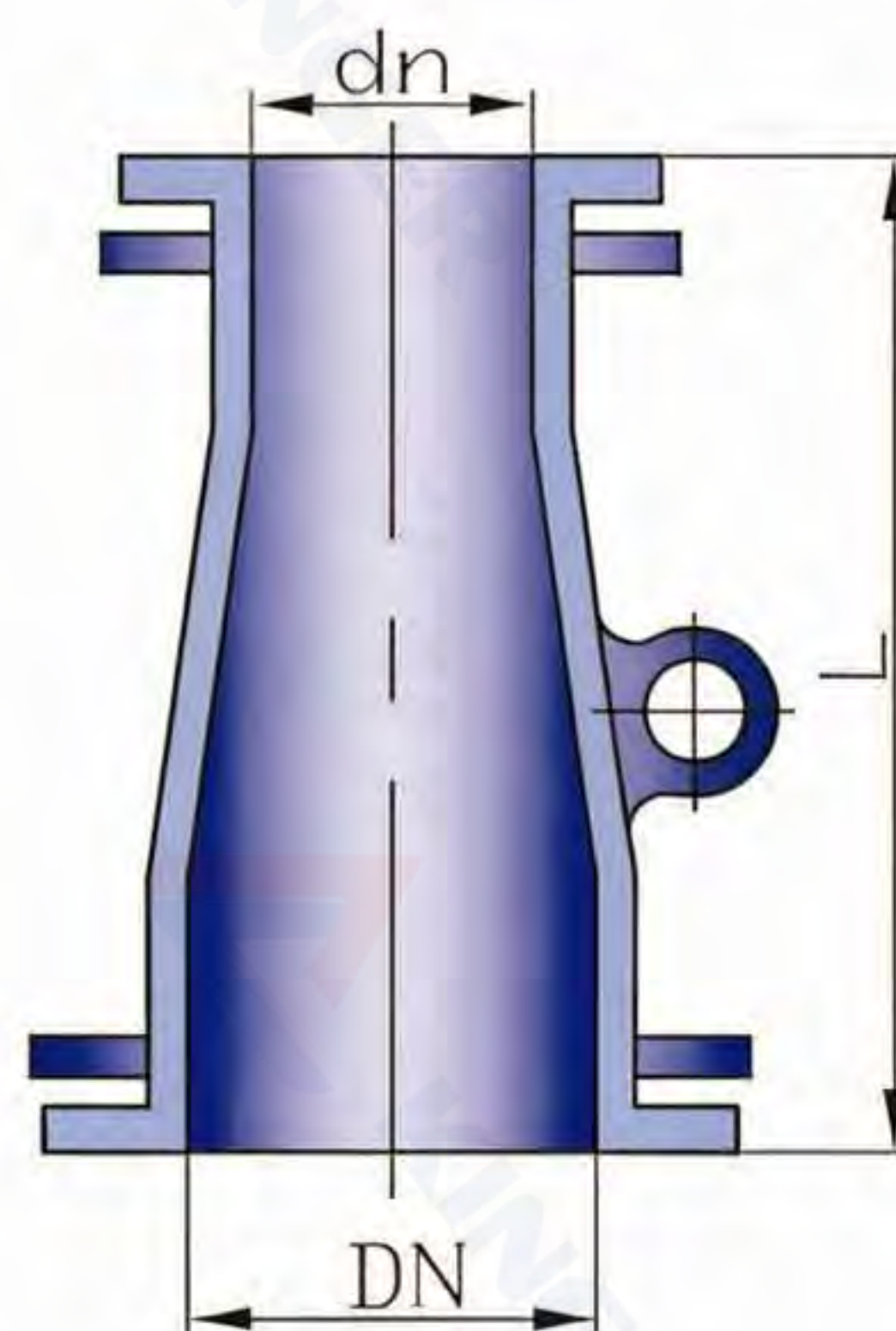
DUCTILE IRON LOOSE FLANGED FITTINGS

Double Loose-Flanged Taper



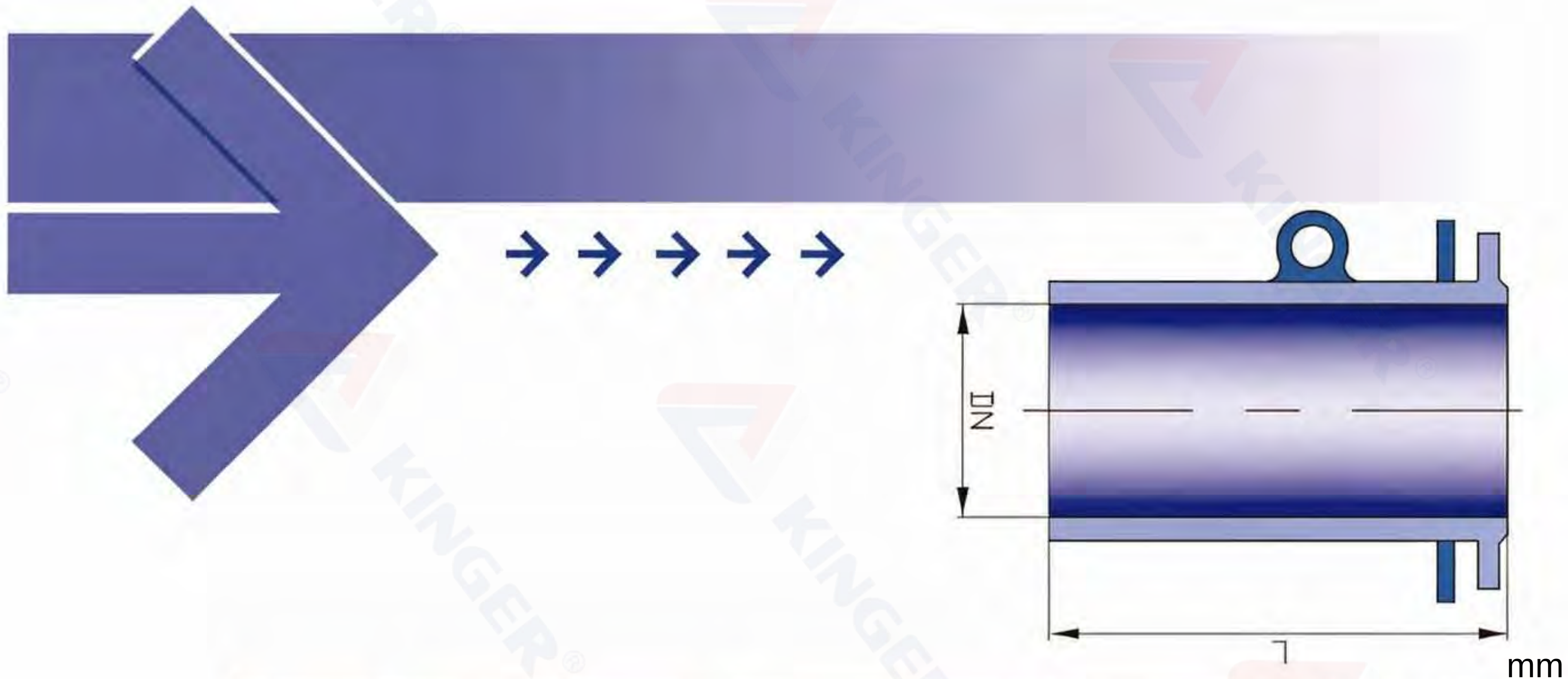
mm

SIZE	DN	dn	L	WEITHG(KG)
60/40	60	40	160	5.5
60/50	60	50	160	6.5
65/50	65	50	160	6.8
80/40	80	40	200	7.1
80/50	80	50	200	7.5
80/50	80	50	200	8.1
80/65	80	65	200	8.3
100/40	100	40	200	7.9
100/60	100	50	200	8.3
100/60	100	60	200	8.8
100/65	100	65	200	9
100/60	100	60	200	8.5
125/40	125	40	200	9.5
125/60	125	50	200	10
125/60	125	80	200	10.6
125/65	125	85	200	10.9
125/80	125	80	200	11.4
125/100	125	100	200	12.3
150/40	150	40	200	11.3
150/50	150	60	200	11.6
150/60	150	60	200	12.5
150/80	150	80	200	12.8
150/100	150	100	200	14.8
150/125	150	125	200	15.6
200/50	200	80	235	17.8
200/80	200	80	235	18
200/100	200	100	235	18.9
200/125	200	125	235	20.4
200/150	200	150	235	22.2
250/50	250	80	250	23.2
250/80	250	80	250	25.8
250/100	250	100	250	27.3
250/125	250	125	250	26
250/150	250	150	250	28.8
250/200	250	200	250	31.3
300/100	300	100	265	30.7
300/150	300	150	255	34.2
300/200	300	200	265	36.5
300/250	300	250	265	43.4



DI LOOSE FLANGED FITTINGS

Single Loose-Flanged Spigot

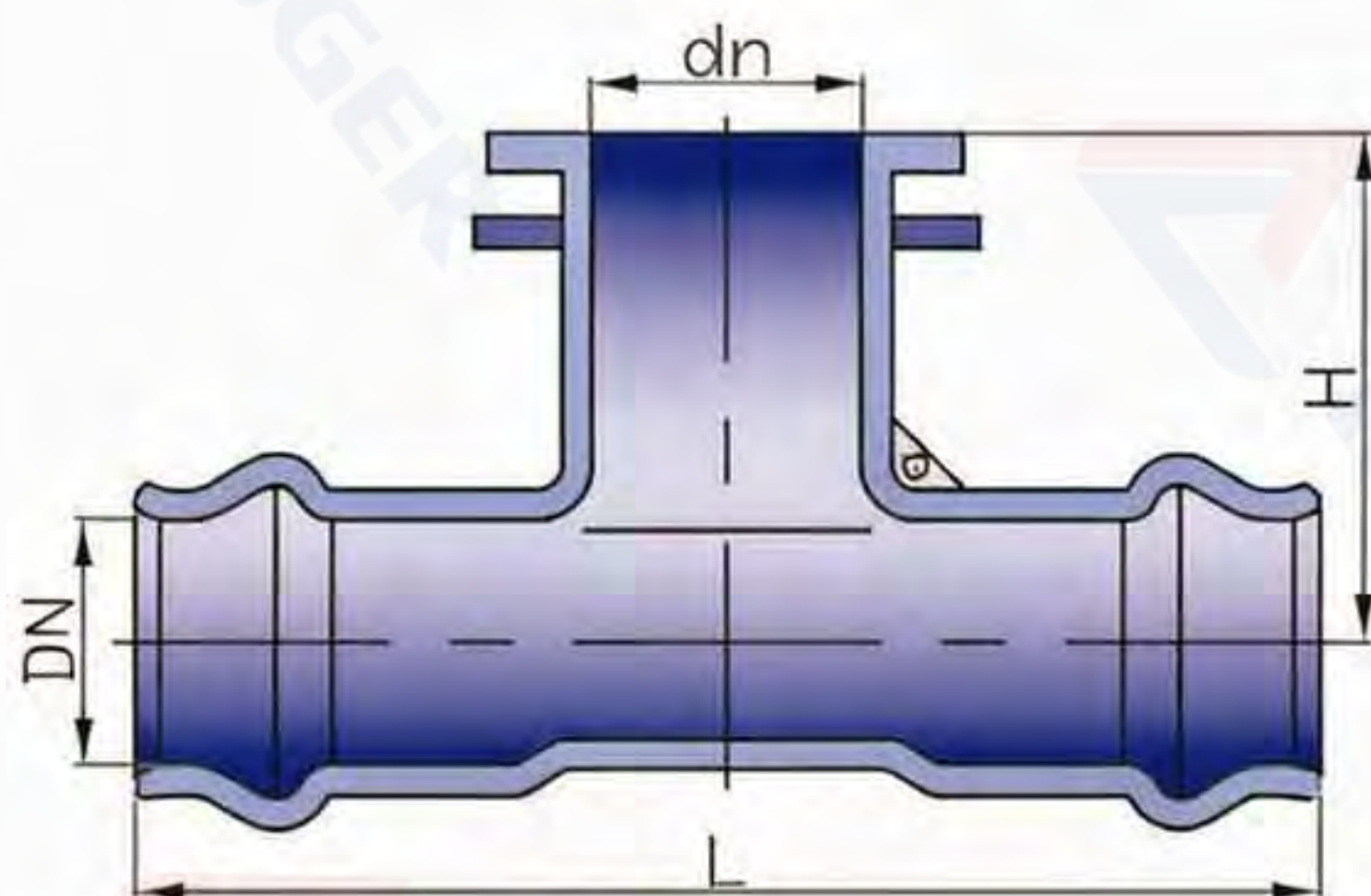


DN	dn	L	WEIGHT(KG)
40	40	250	5
50	50	250	6.1
60	60	250	7
65	65	250	7.9
80	80	250	9
100	100	250	11.5
125	125	250	15.2
150	150	250	18.8
200	200	250	26.4
250	250	250	34.4
300	300	250	46.8
40	40	500	7.3
50	50	500	8.9
60	60	500	10
65	65	500	10.7
80	80	500	12.8
100	100	500	15.6
125	125	500	21.9
150	150	500	26.8
200	200	500	35.4
250	250	500	51.1
300	300	500	66.1



DUCTILE IRON LOOSE FLANGED FITTINGS

Double Socket Tee with Loose-Flanged Branch for PVC Pipe



mm					
SIZE	DN	dn	L	H	WEITHG(KG)
63/40	63	40	251	140	5.6
63/50	63	50	251	140	6.1
63/60	63	60	251	140	6.8
75/40	75	40	258	140	7.2
75/50	75	50	278	140	7.8
75/60	75	60	278	140	8.5
75/80	75	80	190	140	9.8
75/100	75	100	306	140	11.7
90/40	90	40	276	160	8
90/50	90	50	301	160	8.8
90/60	90	60	301	160	9.2
90/80	90	80	316	160	9.9
90/100	90	100	323	160	13.7
110/40	110	40	237	170	8.6
110/50	110	50	312	170	9.9
110/60	110	60	312	170	10.8
110/80	110	80	327	170	11.5
110/100	110	100	347	170	13.7
125/40	125	40	308	170	11.2
125/50	125	50	328	170	12.4
125/60	125	80	328	170	13.3
125/80	125	80	348	170	14
125/100	125	100	363	160	15.7
125/125	125	125	388	190	18.3
140/40	140	40	319	170	12.5
140/50	140	60	344	185	13
140/60	140	50	344	185	14.8
140/60	140	60	368	185	15.8
140/100	140	100	379	200	16.8
140/125	140	125	404	200	17.8
160/40	160	40	341	170	16.1
160/50	160	50	366	190	16.6
160/60	160	60	366	190	17.3
160/80	160	80	381	200	18

DI LOOSE FLANGED FITTINGS

Double Socket Tee with Loose-Flanged Branch for PVC Pipe/All Loose-Flanged Tee

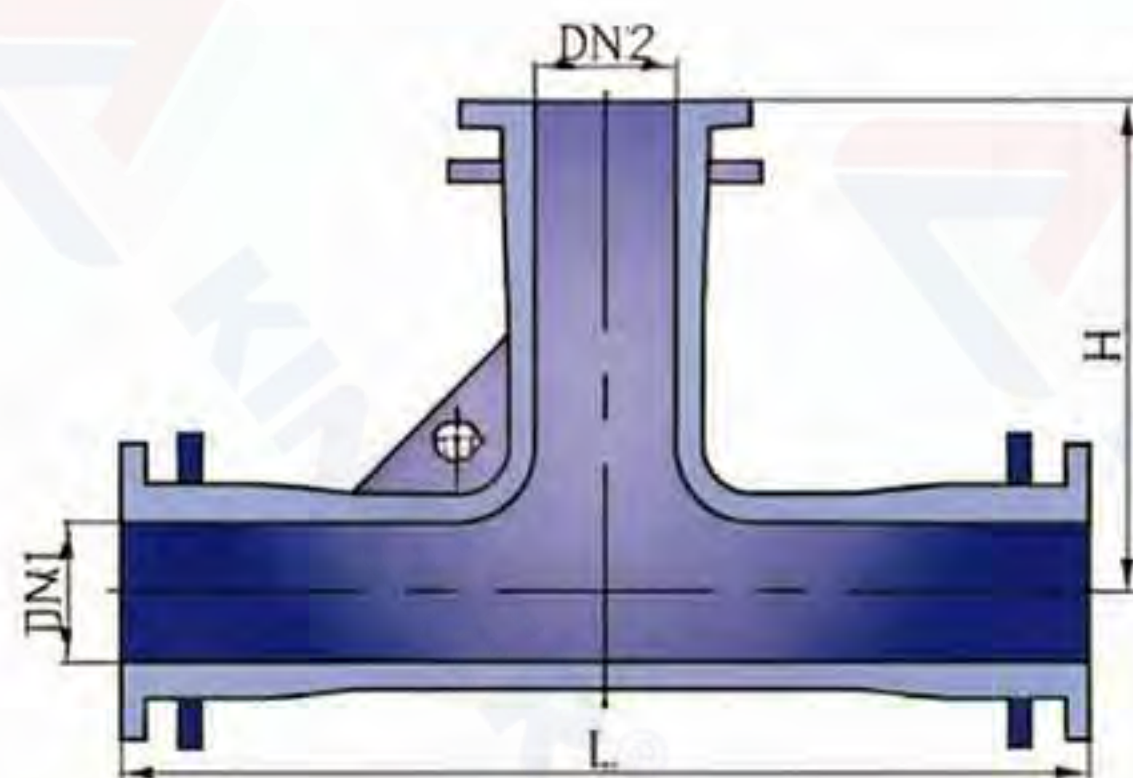
Double Socket Tee with Loose-Flanged Branch for PVC Pipe



mm

SIZE	DN	dn	L	H	WEITHG(KG)
160/100	160	160	401	210	19.4
160/125	160	125	426	220	23.8
160/150	160	150	451	220	25
200/60	200	60	435	230	23.2
200/80	200	80	450	230	24.8
200/100	200	100	470	250	27.7
200/125	200	125	485	250	30.5
200/150	200	150	520	250	35
200/200	200	200	570	250	37
225/60	225	80	451	230	24.8
225/60	225	80	466	230	27
225/100	225	100	486	230	30.5
225/125	225	125	511	260	32
225/150	225	150	536	260	35
225/200	225	200	586	260	41.8
250/80	250	80	502	290	35.5
250/100	250	100	522	260	38.2
250/125	250	125	547	260	44.8
250/150	250	150	572	290	50.4
250/200	250	200	622	290	53.5
250/250	250	250	672	290	63.5
315/300	315	300	770	310	87.1

All Loose-Flanged Tee



mm

SIZE	DN1	DN2	L	H	WEITHG(KG)
40/40	.	40	280	140	7.6
50/40	50	40	320	140	8.9
50/50	50	50	320	140	10.4
60/40	60	40	320	140	10.4
60/60	60	50	320	150	12.4
60/60	60	60	320	160	13.4
65/60	65	50	320	160	12.2



DUCTILE IRON LOOSE FLANGED FITTINGS

All Loose-Flanged Tee



mm

SIZE	DN1	DN2	L	H	WEITHG(KG)
65/65	65	65	320	160	13.1
80/40	80	40	330	140	13.5
80/50	80	50	330	150	13.9
80/60	80	60	330	160	14.5
80/65	80	65	330	160	14.9
80/80	80	80	330	165	15.1
100/40	100	40	360	150	16.8
100/50	100	50	360	160	17.5
100/60	100	60	360	170	18.2
100/65	100	65	360	170	18.5
100/80	100	80	360	170	19
100/100	100	100	360	175	19.6
125/40	125	40	400	190	21.8
125/50	125	50	400	165	20.8
125/60	125	60	400	175	22.1
125/65	125	65	400	185	22.4
125/80	125	80	400	190	23.5
125/100	125	100	400	190	24.2
125/125	125	125	400	195	25
150/40	150	40	440	200	25.9
150/50	150	50	440	190	26.5
150/60	150	60	440	190	27.8
150/65	150	65	440	195	28.2
150/80	150	80	440	195	29.3
150/100	150	100	440	205	30.5
150/125	150	125	440	210	32.5
150/150	150	150	440	210	35.2
200/40	200	40	520	220	37.4
200/50	200	50	520	215	37.8
200/60	200	60	520	215	38.4
200/65	200	65	520	220	38.6
200/80	200	80	520	235	39.1
200/100	200	100	520	235	40
200/125	200	125	520	240	41.1
200/150	200	150	520	240	42.4
200/200	200	200	520	250	49
250/60	250	60	380	280	45.8
250/80	250	80	380	265	48.4
250/100	250	100	460	270	58.2
250/125	250	125	450	275	58.8
250/150	250	150	460	280	64.3
250/200	250	200	540	290	71
250/250	250	250	600	300	81
300/80	300	80	450	300	64.7
300/100	300	100	450	300	69.2
300/125	300	125	550	300	77.2