CUPRINS

Catalog dimensiuni flanse plate, flanse libere, flanse pline.

1. Flanse plate conform normelor europene EN

1.1. Flanse plate tip 01 conform EN 1092-1 2018 PN6……..2
1.2. Flanse plate tip 01 conform EN 1092-1 2018 PN10……3
1.3. Flanse plate tip 01 conform EN 1092-1 2018 PN16……4
1.4. Flanse plate tip 01 conform EN 1092-1 2018 PN25……5
1.5. Flanse plate tip 01 conform EN 1092-1 2018 PN40……6
1.6. Flanse plate tip 01 conform EN 1092-1 2018 PN63……7

2. Flanse libere conform normelor europene EN

2.1 Flanse libere tip 02 cu inel tip 32 conform EN1092-1 2018 PN10……....8
2.2 Flanse libere tip 02 cu inel tip 32 conform EN1092-1 2018 PN16……..……...9

3. Flanse oarbe conform normelor europene (EN)

3.1 Flansa oarba tip 05 conform EN1092-1 2018 PN10……10
3.2 Flansa oarba tip 05 conform EN1092-1 2018 PN16……11
3.3 Flansa oarba tip 05 conform EN1092-1 2018 PN25……....12

4. Flanse cu gat conform normelor europene EN

4.1 Flanse cu gat conform EN1092-1 2018 PN10……13
4.1 Flanse cu gat conform EN1092-1 2018 PN16……...……..……14
4.1 Flanse cu gat conform EN1092-1 2018 PN25……15
4.1 Flanse cu gat conform EN1092-1 2018 PN40……16

5. Flanse plate conform standardelor romanesti (STAS)

5.1 Flanse plate conform STAS8013-84 PN10……..17
5.2 Flanse plate conform STAS8014-84 PN16……..18
5.3 Flanse plate conform STAS8015-84 PN25……..19

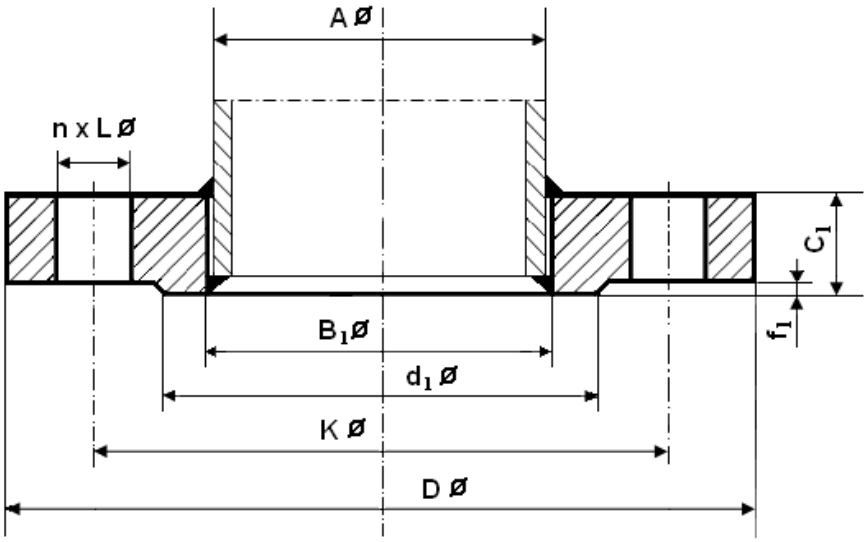
6. Flanse oarbe conform standardelor romanesti (STAS)

6.1 Flanse oarbe conform STAS7451-88 PN10……20
6.2 Flanse oarbe conform STAS7451-88 PN16……21
6.3 Flanse oarbe conform STAS7451-88 PN25……22

7. Flanse libere din otel pentru tevi PEHD (UNI EN1092-1)

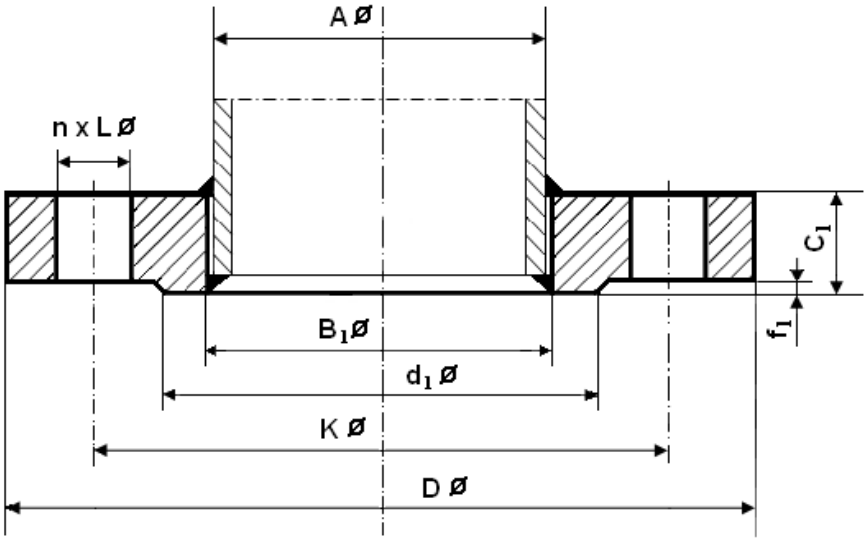
7.1 Flanse libere din otel pentru tevi PEHD (UNI EN 1092-1) PN10.....23
7.2 Flanse libere din otel pentru tevi PEHD (UNI EN 1092-1) PN16.....24

1.1 Flanse plate tip 01 conform EN1092-1 2018 PN6



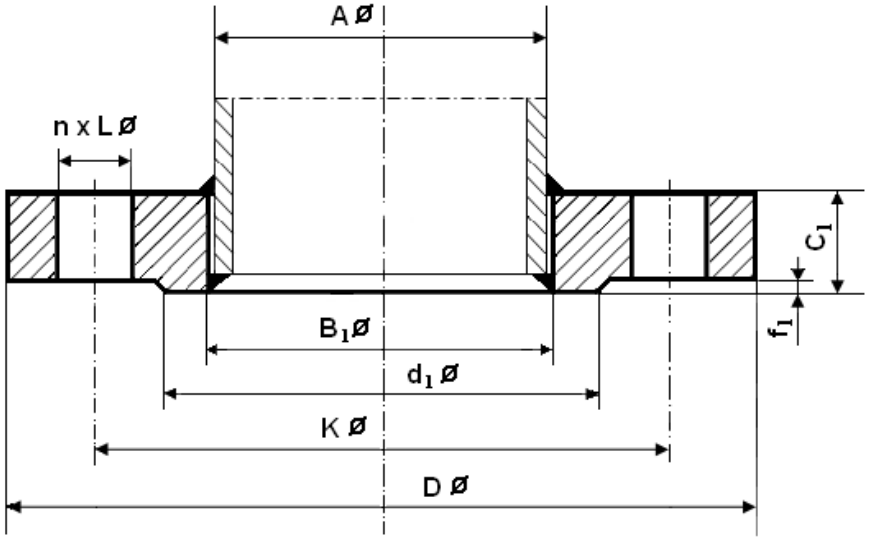
Teava		Dimensiunile flansei				Etansare		Suruburi			Masa(kg)
DN mm	A mm	B1 mm	C1 mm	D mm	K mm	d1 mm	f1 mm	n	L mm	filet	(7,85Kg/dm³)
10	17.2	18.0	10	75	50	35	2	4	11	M10	0.25
15	21.3	22.0	10	80	55	40	2	4	11	M10	0.28
20	26.9	27.5	10	90	65	50	2	4	11	M10	0.36
25	33.7	34.5	12	100	75	60	2	4	11	M10	0.54
32	42.4	43.5	14	120	90	70	2	4	14	M12	0.90
40	48.3	49.5	14	130	100	80	2	4	14	M12	1.06
50	60.3	61.5	14	140	110	90	2	4	14	M12	1.16
65	76.1	77.5	14	160	130	110	2	4	14	M12	1.46
80	88.9	90.5	16	190	150	128	2	4	18	M16	2.39
100	114.3	116.0	16	210	170	148	2	4	18	M16	2.63
125	139.7	141.5	18	240	200	178	2	8	18	M16	3.59
150	168.3	170.5	20	265	225	202	2	8	18	M16	4.42
200	219.1	221.5	22	320	280	258	2	8	18	M16	6.47
250	273.0	276.5	24	375	335	312	2	12	18	M16	8.43
300	323.9	327.5	24	440	395	365	2	12	22	M20	11.24
350	355.6	359.5	26	490	445	415	2	12	22	M20	16.07
400	406.4	411.0	28	540	495	465	2	16	22	M20	19.00
500	508.0	513.5	30	645	600	570	2	20	22	M20	25.38
600	610.0	616.5	30	755	705	670	2	20	26	M24	31.30

1.2 Flanse plate tip 01 conform EN1092-1 2018 PN10



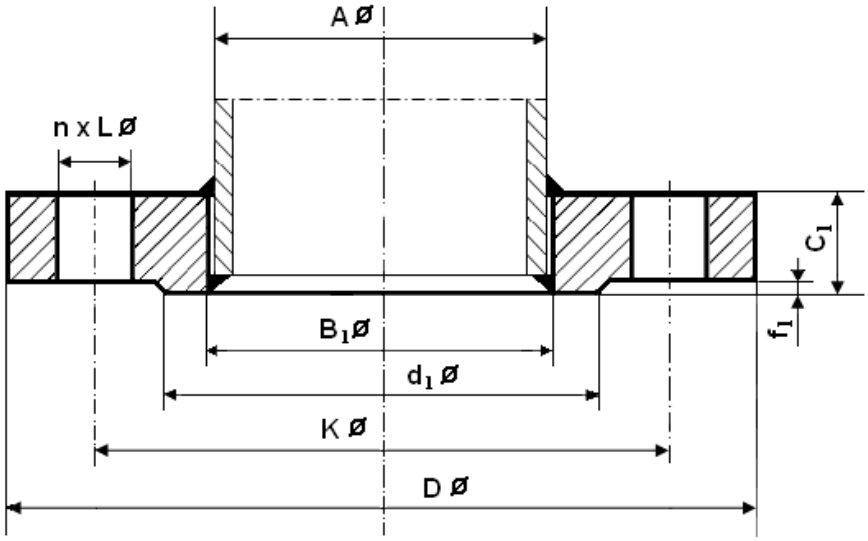
Teava		Dimensiunile flansei				Etansare		Suruburi			Masa(kg)
DN mm	A mm	B1 mm	C1 mm	D mm	K mm	d1 mm	f1 mm	n	L mm	filet	(7,85Kg/dm³)
10	17.2	18.0	14	90	60	40	2	4	14	M12	0.53
15	21.3	22.0	14	95	65	45	2	4	14	M12	0.59
20	26.9	27.5	16	105	75	58	2	4	14	M12	0.85
25	33.7	34.5	16	115	85	68	2	4	14	M12	1.02
32	42.4	43.5	18	140	100	78	2	4	18	M16	1.67
40	48.3	49.5	18	150	110	88	2	4	18	M16	1.92
50	60.3	61.5	19	165	125	102	2	4	18	M16	2.41
65	76.1	77.5	20	185	145	122	2	4	18	M16	2.96
80	88.9	90.5	20	200	160	138	2	8	18	M16	3.38
100	114.3	116.0	22	220	180	158	2	8	18	M16	4.14
125	139.7	141.5	22	250	210	188	2	8	18	M16	5.11
150	168.3	170.5	24	285	240	212	2	8	22	M20	6.75
200	219.1	221.5	24	340	295	268	2	8	22	M20	8.79
250	273.0	276.5	26	395	350	320	2	12	22	M20	11.24
300	323.9	327.5	26	445	400	370	2	12	22	M20	12.95
350	355.6	359.5	28	505	460	430	2	16	22	M20	19.62
400	406.4	411.0	32	565	515	482	2	16	26	M24	26.59
450	457.0	462.0	36	615	565	532	2	20	26	M24	32.58
500	508.0	513.5	38	670	620	585	2	20	26	M24	39.09
600	610.0	616.5	42	780	725	685	2	20	30	M27	52.98
700	711.0	Vor fi stabilite		895	840	800	2	24	30	M27	
800	813.0	impreuna cu		1015	950	905	2	24	33	M30	
900	914.0	beneficiarul		1115	1050	1005	2	28	36	M30	
1000	1016.0			1230	1160	1110	2	28	26	M33	

1.3 Flanse plate tip 01 conform EN1092-1 2018 PN16



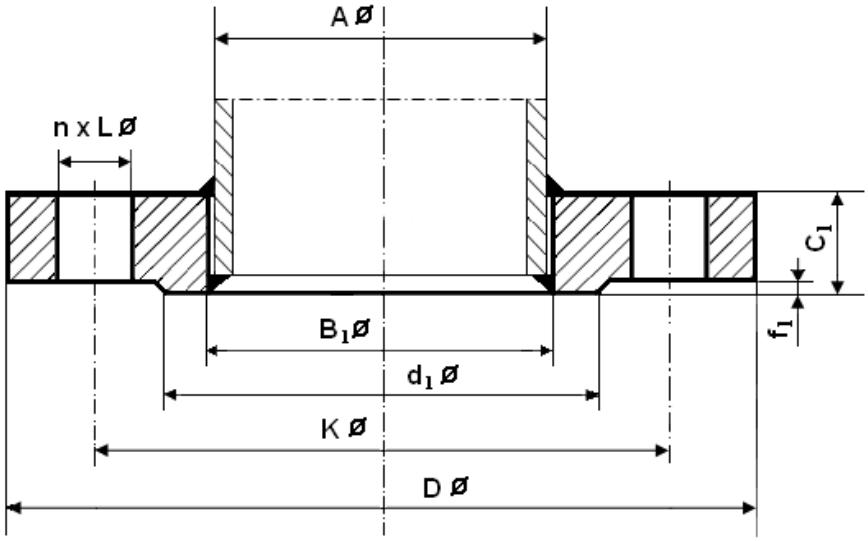
Teava		Dimensiunile flansei				Etansare		Suruburi			Masa(kg)
DN mm	A mm	B1 mm	C1 mm	D mm	K mm	d1 mm	f1 mm	n	L mm	filet	(7,85Kg/dm³)
10	17.2	18.0	14	90	60	40	2	4	14	M12	0.53
15	21.3	22.0	14	95	65	45	2	4	14	M12	0.59
20	26.9	27.5	16	105	75	58	2	4	14	M12	0.85
25	33.7	34.5	16	115	85	68	2	4	14	M12	1.02
32	42.4	43.5	18	140	100	78	2	4	18	M16	1.67
40	48.3	49.5	18	150	110	88	2	4	18	M16	1.92
50	60.3	61.5	19	165	125	102	2	4	18	M16	2.41
65	76.1	77.5	20	185	145	122	2	4	18	M16	2.96
80	88.9	90.5	20	200	160	138	2	8	18	M16	3.38
100	114.3	116.0	22	220	180	158	2	8	18	M16	4.14
125	139.7	141.5	22	250	210	188	2	8	18	M16	5.11
150	168.3	170.5	24	285	240	212	2	8	22	M20	6.75
200	219.1	221.5	26	340	295	268	2	12	22	M20	9.28
250	273.0	276.5	29	405	355	320	2	12	26	M24	13.56
300	323.9	327.5	32	460	410	378	2	12	26	M24	18.25
350	355.6	359.5	35	520	470	438	2	16	26	M24	27.30
400	406.4	411.0	38	580	525	490	2	16	30	M27	34.86
450	457.0	462.0	42	640	585	550	2	20	30	M27	45.04
500	508.0	513.5	46	715	650	610	2	20	33	M30	62.58
600	610.0	616.5	52	840	770	725	2	20	36	M33	94.14
700	711.0	Vor fi stabilite impreuna cu clientul		910	840	795	2	24	36	M33	
800	813.0			1025	950	900	2	24	39	M36	
900	914.0			1125	1050	1000	2	28	39	M36	
1000	1016.0			1255	1170	1115	2	28	42	M39	

1.4 Flanse plate tip 01 conform EN1092-1 2018 PN25



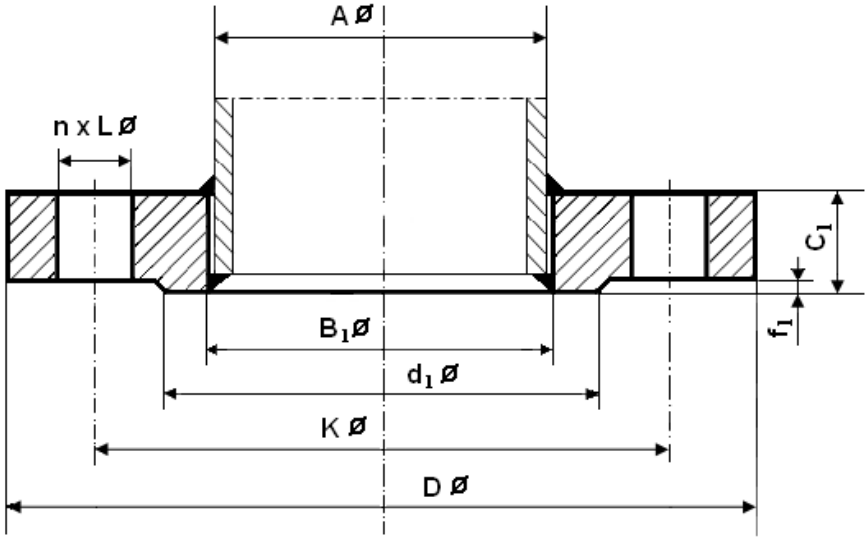
Teava		Dimensiunile flansei				Etansare		Suruburi			Masa(kg)
DN mm	A mm	B1 mm	C1 mm	D mm	K mm	d1 mm	f1 mm	n	L mm	filet	(7,85Kg/dm³)
10	17.2	18.0	14	90	60	40	2	4	14	M12	0.53
15	21.3	22.0	14	95	65	45	2	4	14	M12	0.59
20	26.9	27.5	16	105	75	58	2	4	14	M12	0.85
25	33.7	34.5	16	115	85	68	2	4	14	M12	1.02
32	42.4	43.5	18	140	100	78	2	4	18	M16	1.67
40	48.3	49.5	18	150	110	88	2	4	18	M16	1.92
50	60.3	61.5	20	165	125	102	2	4	18	M16	2.54
65	76.1	77.5	22	185	145	122	2	8	18	M16	3.27
80	88.9	90.5	24	200	160	138	2	8	18	M16	4.10
100	114.3	116.0	26	235	190	162	2	8	22	M20	5.77
125	139.7	141.5	28	270	220	188	2	8	26	M24	7.80
150	168.3	170.5	30	300	250	218	2	8	26	M24	9.82
200	219.1	221.5	32	360	310	278	2	12	26	M24	13.75
250	273.0	276.5	35	425	370	335	2	12	30	M27	19.45
300	323.9	327.5	38	485	430	395	2	16	30	M27	25.81
350	355.6	359.5	42	555	490	450	2	16	33	M30	40.70
400	406.4	411.0	46	620	550	505	2	16	36	M33	53.89
450	457.0	462.0	50	670	600	555	2	20	36	M33	63.17
500	508.0	513.5	56	730	660	615	2	20	36	M33	82.40
600	610.0	616.5	68	845	770	720	2	20	39	M36	125.19
700	711.0	719.0	70	960	875	820	2	24	42	M39	153.81

1.5 Flanse plate tip 01 conform EN1092-1 2018 PN40



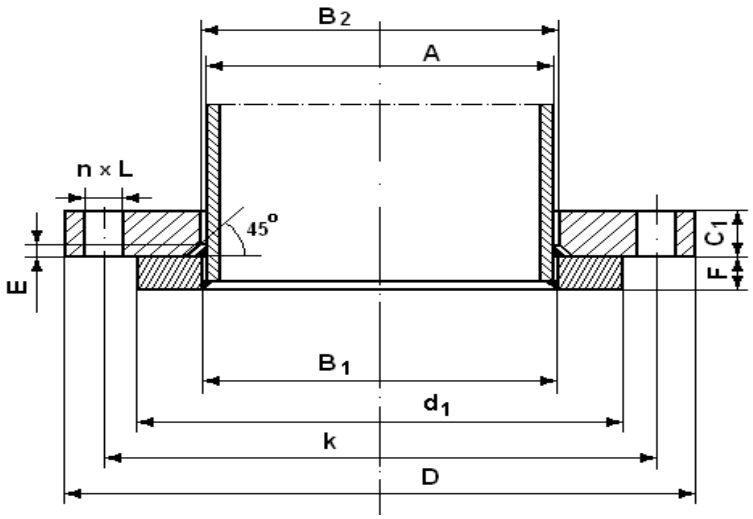
Teava		Dimensiunile flansei				Etansare		Suruburi			Masa(kg)
DN mm	A mm	B1 mm	C1 mm	D mm	K mm	d1 mm	f1 mm	n	L mm	filet	(7,85Kg/dm³)
10	17.2	18.0	14	90	60	40	2	4	14	M12	0.53
15	21.3	22.0	14	95	65	45	2	4	14	M12	0.59
20	26.9	27.5	16	105	75	58	2	4	14	M12	0.85
25	33.7	34.5	16	115	85	68	2	4	14	M12	1.02
32	42.4	43.5	18	140	100	78	2	4	18	M16	1.67
40	48.3	49.5	18	150	110	88	2	4	18	M16	1.92
50	60.3	61.5	20	165	125	102	2	4	18	M16	2.54
65	76.1	77.5	22	185	145	122	2	8	18	M16	3.27
80	88.9	90.5	24	200	160	138	2	8	18	M16	4.10
100	114.3	116.0	26	235	190	162	2	8	22	M20	5.77
125	139.7	141.5	28	270	220	188	2	8	26	M24	7.80
150	168.3	170.5	30	300	250	218	2	8	26	M24	9.82
200	219.1	221.5	36	375	320	285	2	12	30	M27	17.33
250	273.0	276.5	42	450	385	345	2	12	33	M30	28.39
300	323.9	327.5	48	515	450	410	2	16	33	M30	40.61
350	355.6	359.5	54	580	510	465	2	16	36	M33	60.83
400	406.4	411.0	60	660	585	535	2	16	39	M36	88.09
450	457.0	462.0	66	685	610	560	2	20	39	M36	90.14
500	508.0	513.5	72	755	670	615	2	20	42	M39	118.37
600	610.0	616.5	84	890	795	735	2	20	48	M45	186.93

1.6 Flanse plate tip 01 conform EN1092-1 2018 PN63



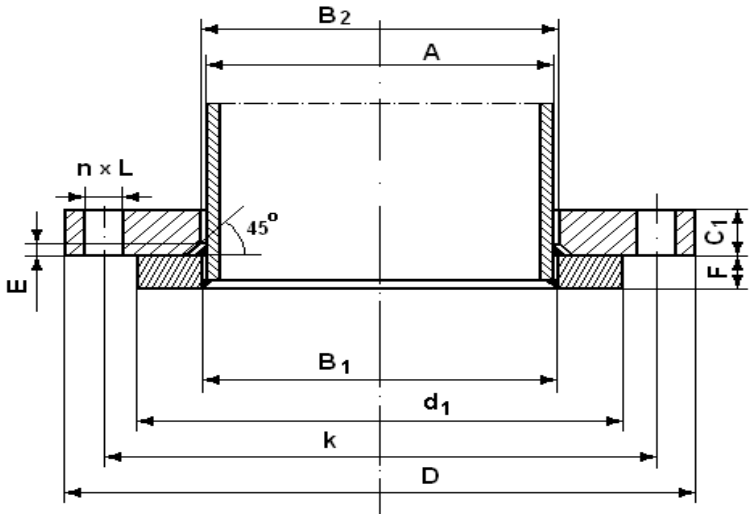
Teava		Dimensiunile flansei				Etansare		Suruburi			Masa(kg)
DN mm	A mm	B1 mm	C1 mm	D mm	K mm	d1 mm	f1 mm	n	L mm	filet	(7,85Kg/dm³)
10	17.2	18.0	20	100	70	40	2	4	14	M12	1.00
15	21.3	22.0	20	105	75	45	2	4	14	M12	1.10
20	26.9	27.5	22	130	90	58	2	4	18	M16	1.86
25	33.7	34.5	24	140	100	68	2	4	18	M16	2.37
32	42.4	43.5	24	155	110	78	2	4	22	M20	2.79
40	48.3	49.5	26	170	125	88	2	4	22	M20	3.70
50	60.3	61.5	26	180	135	102	2	4	22	M20	4.03
65	76.1	77.5	26	205	160	122	2	8	22	M20	4.87
80	88.9	90.5	30	215	170	138	2	8	22	M20	6.04
100	114.3	116.0	32	250	200	162	2	8	26	M24	8.23
125	139.7	141.5	34	295	240	188	2	8	30	M27	11.99
150	168.3	170.5	36	345	280	218	2	8	33	M30	17.26
200	219.1	221.5	46	415	345	285	2	12	36	M33	29.59
250	273.0	276.5	54	470	400	345	2	12	36	M33	41.84
300	323.9	327.5	62	530	460	410	2	16	36	M33	57.31
350	355.6	359.5	72	600	525	465	2	16	39	M36	90.14
400	406.4	411.0	78	670	585	535	2	16	42	M39	119.38

2.1 Flanse libere tip 02 cu inel tip 32 conform EN1092-1 2018 PN10



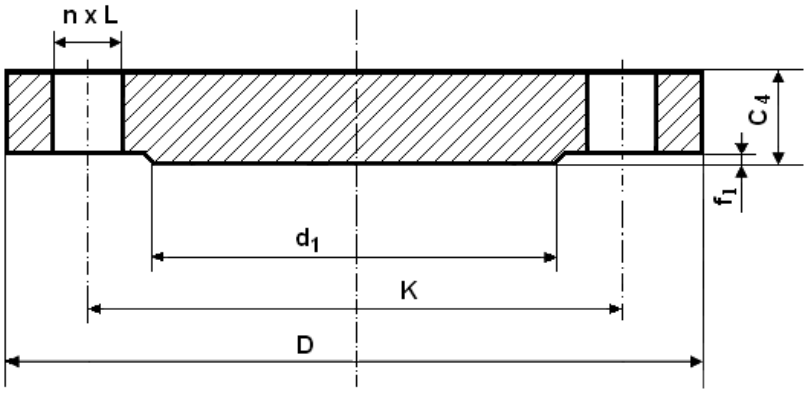
Teava		Dimensiunile flansei					Suruburi			Inel			Masa (kg)	
DN mm	A mm	B2 mm	C1 mm	D mm	K mm	E mm	n	L mm	filet	d1 mm	B1 mm	F mm	Flanse	Inel
10	17.2	21	14	90	60	3	4	14	M12	40	18	12	0.59	0.10
15	21.3	25	14	95	65	3	4	14	M12	45	22	12	0.65	0.11
20	26.9	31	16	105	75	4	4	14	M12	58	27.5	14	0.91	0.22
25	33.7	38	16	115	85	4	4	14	M12	68	34.5	14	1.08	0.30
32	42.4	46	18	140	100	5	4	18	M16	78	43.5	14	1.78	0.36
40	48.3	53	18	150	110	5	4	18	M16	88	49.5	14	2.02	0.46
50	60.3	65	19	165	125	5	4	18	M16	102	61.5	16	2.52	0.65
65	76.1	81	20	185	145	6	4	18	M16	122	77.5	16	3.05	0.88
80	88.9	94	20	200	160	6	8	18	M16	138	90.5	16	3.48	1.07
100	114.3	120	22	220	180	6	8	18	M16	158	116	18	4.20	1.28
125	139.7	145	22	250	210	6	8	18	M16	188	141.5	18	5.21	1.70
150	168.3	174	24	285	240	6	8	22	M20	212	170.5	20	6.88	1.96
200	219.1	226	24	340	295	6	8	22	M20	268	221.5	20	8.87	2.81
250	273.0	281	26	395	350	8	12	22	M20	320	276.5	22	11.19	3.52
300	323.9	333	26	445	400	8	12	22	M20	370	327.5	22	12.76	4.02
350	355.6	365	28	505	460	8	16	22	M20	430	359.5	22	19.39	7.55
400	406.4	416	32	565	515	8	16	26	M24	482	411	24	26.36	9.38
450	457.0	467	36	615	565	8	20	26	M24	532	462	24	32.15	10.29
500	508.0	519	38	670	620	8	20	26	M24	582	513.5	26	38.46	12.58
600	610.0	622	42	780	725	8	20	30	M27	685	616.5	26	52.18	14.28

2.2 Flanse libere tip 02 cu inel tip 32 conform EN1092-1 2018 PN16



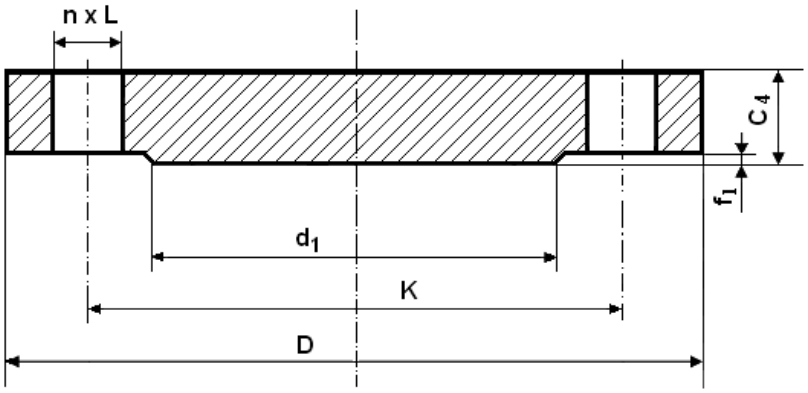
Teava		Dimensiunile flansei					Suruburi			Inel			Masa (kg)	
DN mm	A mm	B2 mm	C1 mm	D mm	K mm	E mm	n	L mm	filet	d1 mm	B1 mm	F mm	Flanse	Inel
10	17.2	21	14	90	60	3	4	14	M12	40	18	12	0.59	0.10
15	21.3	25	14	95	65	3	4	14	M12	45	22	12	0.65	0.11
20	26.9	31	16	105	75	4	4	14	M12	58	27.5	14	0.91	0.22
25	33.7	38	16	115	85	4	4	14	M12	68	34.5	14	1.08	0.30
32	42.4	46	18	140	100	5	4	18	M16	78	43.5	14	1.78	0.36
40	48.3	53	18	150	110	5	4	18	M16	88	49.5	14	2.02	0.46
50	60.3	65	19	165	125	5	4	18	M16	102	61.5	16	2.52	0.65
65	76.1	81	20	185	145	6	4	18	M16	122	77.5	16	3.05	0.88
80	88.9	94	20	200	160	6	8	18	M16	138	90.5	16	3.48	1.07
100	114.3	120	22	220	180	6	8	18	M16	158	116	18	4.20	1.28
125	139.7	145	22	250	210	6	8	18	M16	188	141.5	18	5.21	1.70
150	168.3	174	24	285	240	6	8	22	M20	212	170.5	20	6.88	1.96
200	219.1	226	26	340	295	6	12	22	M20	268	221.5	20	9.31	2.81
250	273.0	281	29	405	355	8	12	26	M24	320	276.5	22	13.53	3.52
300	323.9	333	32	460	410	8	12	26	M24	378	327.5	24	17.99	5.27
350	355.6	365	35	520	470	8	16	26	M24	438	359.5	26	26.96	10.03
400	406.4	416	38	580	525	8	16	30	M27	490	411	28	34.55	12.28
450	457.0	467	42	640	585	8	20	30	M27	550	462	30	44.53	16.46
500	508.0	519	46	715	650	8	20	33	M30	610	513.5	32	61.97	21.38
600	610.0	622	52	840	770	8	20	36	M33	725	616.5	32	93.33	28.70

3.1 Flansa oarba tip 05 conform EN1092-1 2018 PN10



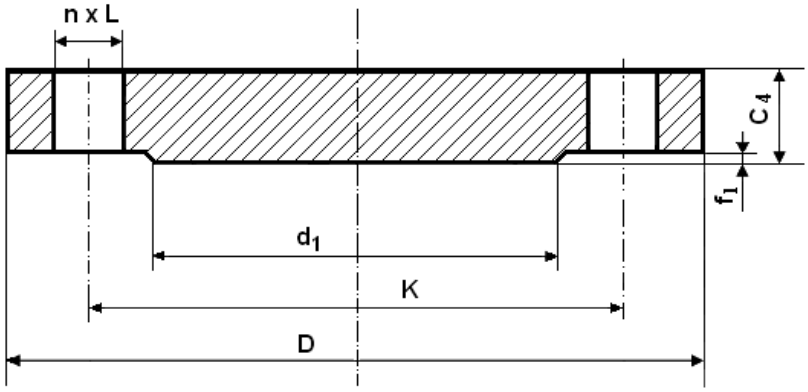
DN mm	Dimensiunile flansei			Etansare		Suruburi			Masa (Kg)
	D mm	C4 mm	K mm	d1 mm	f1 mm	n	L mm	filet	(7.85Kg/dm³)
10	90	16	60	40	2	4	14	M12	0.65
15	95	16	65	45	2	4	14	M12	0.74
20	105	18	75	58	2	4	14	M12	1.05
25	115	18	85	68	2	4	14	M12	1.29
32	140	18	100	78	2	4	18	M16	1.88
40	150	18	110	88	2	4	18	M16	2.19
50	165	18	125	102	2	4	18	M16	2.69
65	185	18	145	122	2	4	18	M16	3.31
80	200	20	160	138	2	8	18	M16	4.39
100	220	20	180	158	2	8	18	M16	5.40
125	250	22	210	188	2	8	18	M16	7.83
150	285	22	240	212	2	8	22	M20	10.10
200	340	24	295	268	2	8	22	M20	16.05
250	395	26	350	320	2	12	22	M20	23.49
300	445	26	400	370	2	12	22	M20	30.13
350	505	26	460	430	2	16	22	M20	38.87
400	565	26	515	482	2	16	26	M24	48.50
450	615	28	565	532	2	20	26	M24	61.95
500	670	28	620	585	2	20	26	M24	74.00
600	780	34	725	685	2	20	30	M27	122.24

3.2 Flanse oarbe tip 05 conform EN1092-1 2018 PN16



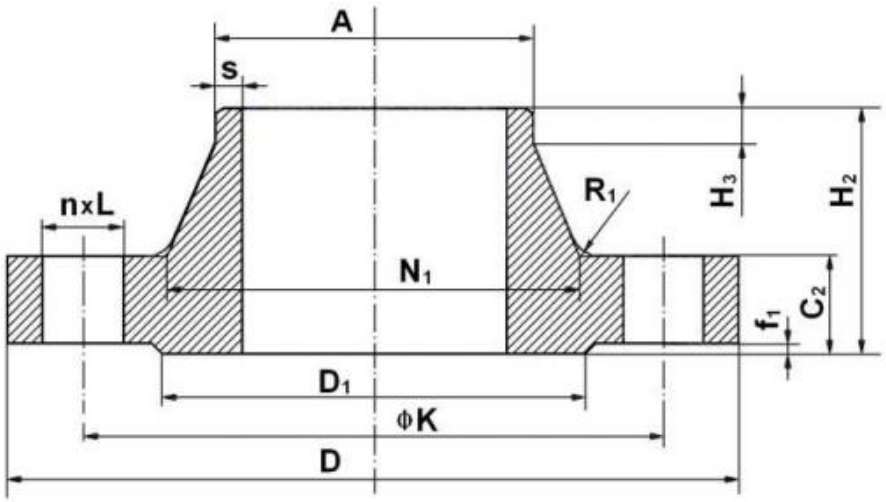
DN mm	Dimensiunile flansei			Etansare		Suruburi			Masa (Kg)
	D mm	C4 mm	K mm	d1 mm	f1 mm	n	L mm	filet	(7.85Kg/dm³)
10	90	16	60	40	2	4	14	M12	0.65
15	95	16	65	45	2	4	14	M12	0.74
20	105	18	75	58	2	4	14	M12	1.05
25	115	18	85	68	2	4	14	M12	1.29
32	140	18	100	78	2	4	18	M16	1.88
40	150	18	110	88	2	4	18	M16	2.19
50	165	18	125	102	2	4	18	M16	2.69
65	185	18	145	122	2	4	18	M16	3.31
80	200	20	160	138	2	8	18	M16	4.39
100	220	20	180	158	2	8	18	M16	5.40
125	250	22	210	188	2	8	18	M16	7.83
150	285	22	240	212	2	8	22	M20	10.10
200	340	24	295	268	2	12	22	M20	15.78
250	405	26	355	320	2	12	26	M24	24.34
300	460	28	410	378	2	12	26	M24	34.38
350	520	30	470	438	2	16	26	M24	47.18
400	580	32	525	490	2	16	30	M27	62.51
450	640	40	585	550	2	20	30	M27	95.45
500	715	44	650	610	2	20	33	M30	131.29
600	840	54	770	725	2	20	36	M33	224.31

3.3 Flanse oarbe tip 05 conform EN1092-1 2018 PN25



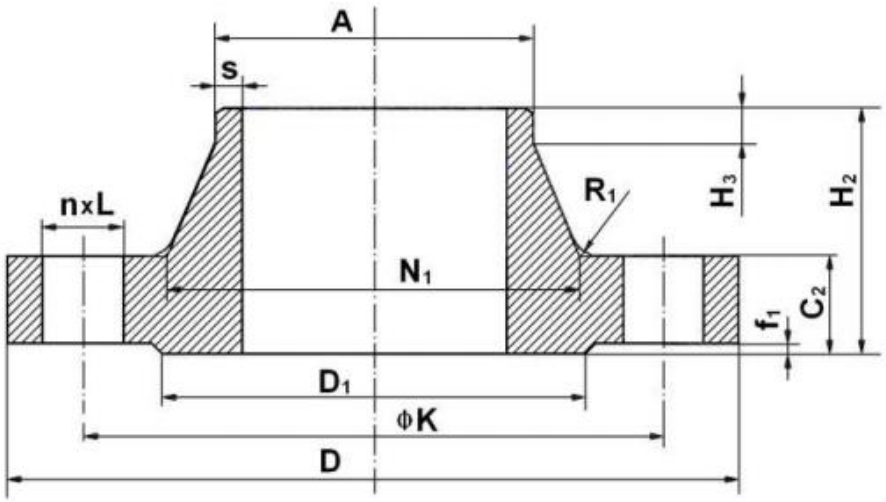
DN mm	Dimensiunile flansei			Etansare		Suruburi			Masa (Kg)
	D mm	C4 mm	K mm	d1 mm	f1 mm	n	L mm	filet	(7.85Kg/dm³)
10	90	16	60	40	2	4	14	M12	0.65
15	95	16	65	45	2	4	14	M12	0.74
20	105	18	75	58	2	4	14	M12	1.05
25	115	18	85	68	2	4	14	M12	1.29
32	140	18	100	78	2	4	18	M16	1.88
40	150	18	110	88	2	4	18	M16	2.19
50	165	20	125	102	2	4	18	M16	3.01
65	185	22	145	122	2	8	18	M16	4.09
80	200	24	160	138	2	8	18	M16	5.31
100	235	24	190	162	2	8	22	M20	7.29
125	270	26	220	188	2	8	26	M24	10.43
150	300	28	250	218	2	8	26	M24	14.15
200	360	30	310	278	2	12	26	M24	21.93
250	425	32	370	335	2	12	30	M27	32.79
300	485	34	430	395	2	16	30	M27	45.49
350	555	38	490	450	2	16	33	M30	67.00
400	620	40	550	505	2	16	36	M33	88.33
450	670	46	600	555	2	20	36	M33	18.51
500	730	48	660	615	2	20	36	M33	148.40
600	845	58	770	720	2	20	39	M36	242.33

4.1 Flanse cu gat conform EN1092-1 2018 PN10



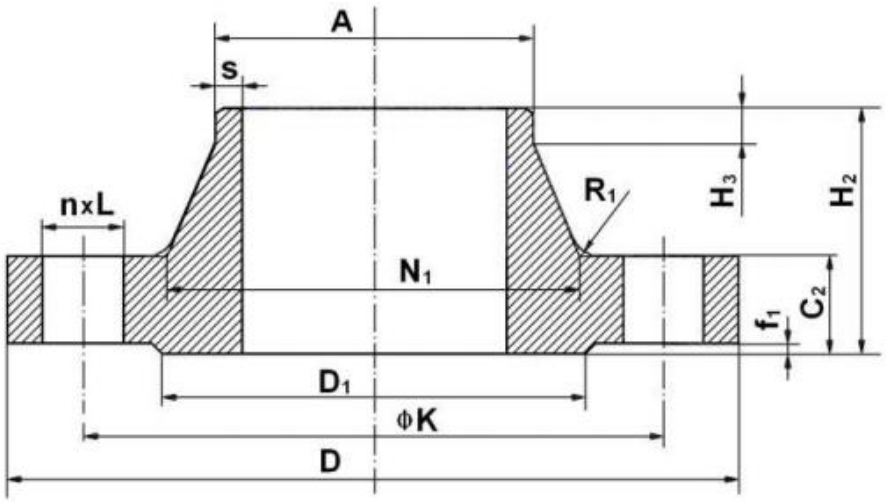
Teava		Dimensiunile flansei								Etansare		Suruburi			Masa(kg)
DN mm	A mm	D mm	K mm	H2 mm	C2 mm	N1 mm	H3 mm	R1 mm	s mm	D1 mm	f1 mm	n	L mm	filet	(7,85Kg/dm³)
10	17.2	90	60	35	16	28	6	4	1.8	40	2	4	14	M12	0.66
15	21.3	95	65	38	16	32	6	4	2.0	45	2	4	14	M12	0.75
20	26.9	105	75	40	18	40	6	4	2.3	58	2	4	14	M12	1.06
25	33.7	115	85	40	18	46	6	4	2.6	68	2	4	14	M12	1.29
32	42.4	140	100	42	18	56	6	6	2.6	78	2	4	18	M16	1.86
40	48.3	150	110	45	18	64	7	6	2.6	88	2	4	18	M16	2.25
50	60.3	165	125	45	18	74	8	6	2.9	102	2	4	18	M16	2.47
65	76.1	185	145	45	18	92	10	6	2.9	122	2	8	18	M16	3.06
80	88.9	200	160	50	20	105	10	6	3.2	138	2	8	18	M16	3.70
100	114.3	220	180	52	22	131	12	8	3.6	158	2	8	18	M16	4.54
125	139.7	250	210	55	22	156	12	8	4.0	188	2	8	18	M16	5.90
150	168.3	285	240	55	24	164	12	10	4.5	212	2	8	22	M20	7.36
200	219.1	340	295	62	26	234	16	10	6.3	268	2	8	22	M20	11.50
250	273.0	395	350	68	26	292	16	12	6.3	320	2	12	22	M20	15.50
300	323.9	445	400	68	26	342	16	12	7.1	370	2	12	22	M20	18.00
350	355.6	505	460	68	26	385	16	12	7.1	430	2	16	22	M20	24.50
400	406.4	565	515	72	28	440	16	12	7.1	482	2	16	26	M24	29.50
450	457.0	615	565	72	28	488	16	12	7.1	532	2	20	26	M24	34.00
500	508.0	670	620	75	28	542	16	12	7.1	585	2	20	26	M24	39.50
600	610.0	780	725	80	28	642	18	12	7.1	685	2	20	30	M27	56.00

4.2 Flanse cu gat conform EN1092-1 2018 PN16



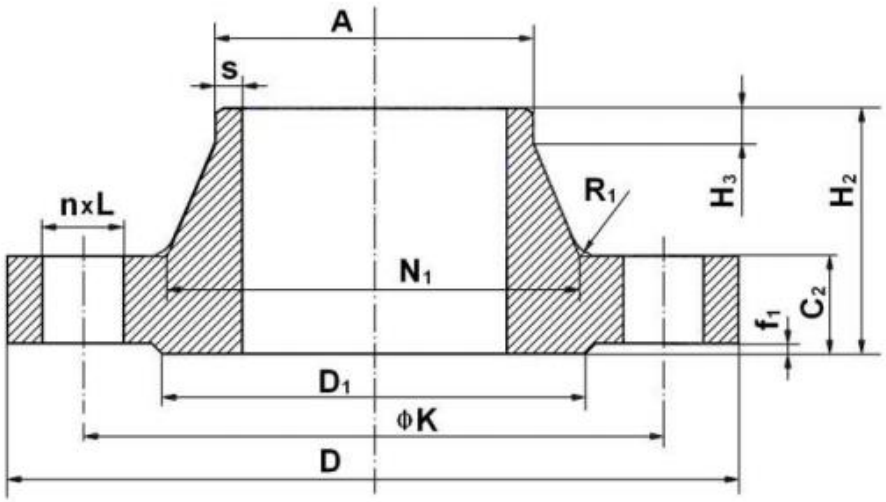
Teava		Dimensiunile flansei								Etansare		Suruburi			Masa(kg)
DN mm	A mm	D mm	K mm	H2 mm	C2 mm	N1 mm	H3 mm	R1 mm	s mm	D1 mm	f1 mm	n	L mm	filet	(7,85Kg/dm³)
10	17.2	90	60	35	16	28	6	4	1.8	40	2	4	14	M12	0.66
15	21.3	95	65	38	16	32	6	4	2.0	45	2	4	14	M12	0.75
20	26.9	105	75	40	18	40	6	4	2.3	58	2	4	14	M12	1.06
25	33.7	115	85	40	18	46	6	4	2.6	68	2	4	14	M12	1.29
32	42.4	140	100	42	18	56	6	6	2.6	78	2	4	18	M16	1.86
40	48.3	150	110	45	18	64	7	6	2.6	88	2	4	18	M16	2.25
50	60.3	165	125	45	18	74	8	6	2.9	102	2	4	18	M16	2.47
65	76.1	185	145	45	18	92	10	6	2.9	122	2	8	18	M16	3.06
80	88.9	200	160	50	20	105	10	6	3.2	138	2	8	18	M16	3.70
100	114.3	220	180	52	22	131	12	8	3.6	158	2	8	18	M16	4.54
125	139.7	250	210	55	22	156	12	8	4.0	188	2	8	18	M16	5.90
150	168.3	285	240	55	24	164	12	10	4.5	212	2	8	22	M20	7.36
200	219.1	340	295	62	24	235	16	10	6.3	268	2	12	22	M20	11.00
250	273.0	405	355	70	26	292	16	12	6.3	320	2	12	26	M24	16.50
300	323.9	460	410	78	28	344	16	12	7.1	378	2	12	26	M24	22.00
350	355.6	520	350	82	30	390	16	12	8.0	438	2	16	26	M24	32.00
400	406.4	580	525	85	32	445	16	12	8.0	490	2	16	30	M27	40.00
450	457.0	640	585	87	40	490	16	12	8.0	550	2	20	30	M27	54.50
500	508.0	715	650	90	44	548	16	12	8.0	610	2	20	33	M30	74.00
600	610.0	840	770	95	54	652	18	12	8.8	725	2	20	36	M33	116.50

4.3 Flanse cu gat conform EN1092-1 2018 PN25



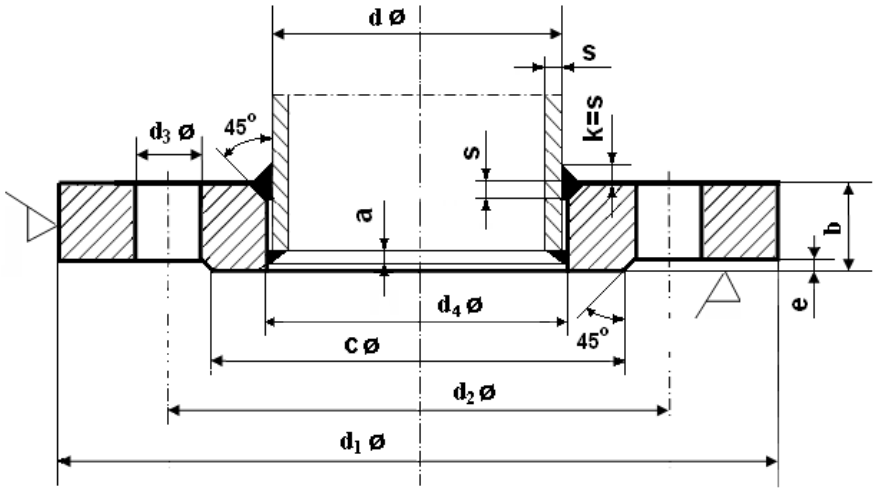
Teava		Dimensiunile flansei								Etansare		Suruburi			Masa(kg)
DN mm	A mm	D mm	K mm	H2 mm	C2 mm	N1 mm	H3 mm	R1 mm	s mm	D1 mm	f1 mm	n	L mm	filet	(7,85Kg/dm³)
10	17.2	90	60	35	16	28	6	4	1.8	40	2	4	14	M12	0.66
15	21.3	95	65	38	16	32	6	4	2.0	45	2	4	14	M12	0.75
20	26.9	105	75	40	18	40	6	4	2.3	58	2	4	14	M12	1.06
25	33.7	115	85	40	18	46	6	4	2.6	68	2	4	14	M12	1.29
32	42.4	140	100	42	18	56	6	6	2.6	78	2	4	18	M16	1.86
40	48.3	150	110	45	18	64	7	6	2.6	88	2	4	18	M16	2.25
50	60.3	165	125	48	20	75	8	6	2.9	102	2	4	18	M16	2.79
65	76.1	185	145	52	22	90	10	6	2.9	122	2	8	18	M16	3.74
80	88.9	200	160	58	24	105	12	8	3.2	138	2	8	18	M16	4.75
100	114.3	235	190	65	24	134	12	8	3.6	162	2	8	22	M20	6.44
125	139.7	270	220	68	26	162	12	8	4.0	188	2	8	26	M24	8.88
150	168.3	300	250	75	28	192	12	10	4.5	218	2	8	26	M24	11.45
200	219.1	360	310	80	30	244	16	10	6.3	278	2	12	26	M24	17.00
250	273.0	425	370	88	32	298	18	12	7.1	335	2	12	30	M27	24.00
300	323.9	485	430	92	34	352	18	12	8.0	395	2	16	30	M27	31.00
350	355.6	555	490	100	38	398	20	12	8.0	450	2	16	33	M30	48.00
400	406.4	620	550	110	40	452	20	12	8.8	505	2	16	36	M33	63.00
450	457.0	670	600	110	46	500	20	12	8.8	555	2	20	36	M33	75.50
500	508.0	730	660	125	48	558	20	12	10.0	615	2	20	36	M33	96.50
600	610.0	845	770	125	58	660	20	12	11.0	720	2	20	39	M36	138.60

4.4 Flanse cu gat conform EN1092-1 2018 PN40



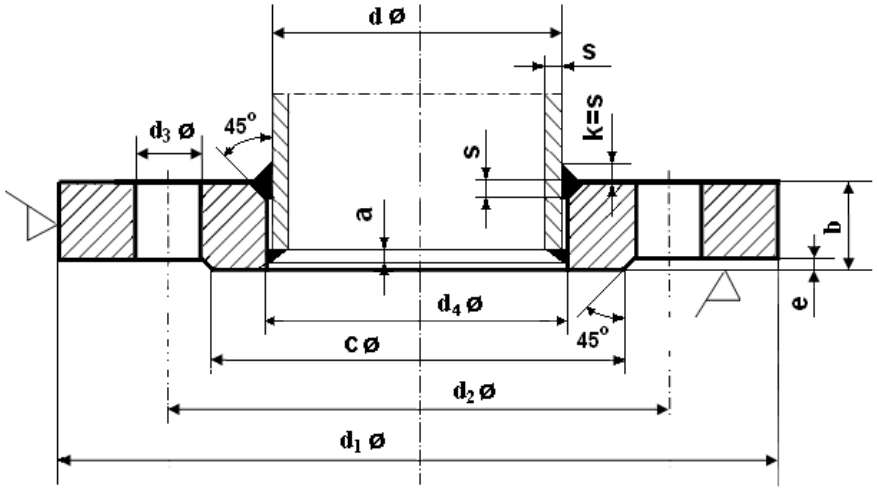
Teava		Dimensiunile flansei								Etansare		Suruburi			Masa(kg)
DN mm	A mm	D mm	K mm	H2 mm	C2 mm	N1 mm	H3 mm	R1 mm	s mm	D1 mm	f1 mm	n	L mm	filet	(7,85Kg/dm³)
10	17.2	90	60	35	16	28	6	4	1.8	40	2	4	14	M12	0.66
15	21.3	95	65	38	16	32	6	4	2.0	45	2	4	14	M12	0.75
20	26.9	105	75	40	18	40	6	4	2.3	58	2	4	14	M12	1.06
25	33.7	115	85	40	18	46	6	4	2.6	68	2	4	14	M12	1.29
32	42.4	140	100	42	18	56	6	6	2.6	78	2	4	18	M16	1.86
40	48.3	150	110	45	18	64	7	6	2.6	88	2	4	18	M16	2.25
50	60.3	165	125	48	20	75	8	6	2.9	102	2	4	18	M16	2.79
65	76.1	185	145	52	22	90	10	6	2.9	122	2	8	18	M16	3.74
80	88.9	200	160	58	24	105	12	8	3.2	138	2	8	18	M16	4.75
100	114.3	235	190	65	24	134	12	8	3.6	162	2	8	22	M20	6.44
125	139.7	270	220	68	26	162	12	8	4.0	188	2	8	26	M24	8.88
150	168.3	300	250	75	28	192	12	10	4.5	218	2	8	26	M24	11.45
200	219.1	375	320	88	34	244	16	10	6.3	285	2	12	30	M27	21.00
250	273.0	450	385	105	38	306	18	12	7.1	345	2	12	33	M30	34.00
300	323.9	515	450	115	42	362	18	12	8.0	410	2	16	33	M30	47.50
350	355.6	580	510	125	46	408	20	12	8.8	465	2	16	36	M33	69.00
400	406.4	660	585	135	50	462	20	12	11.0	535	2	16	39	M36	98.00
450	457.0	685	610	135	57	500	20	12	12.5	560	2	20	39	M36	105.08
500	508.0	755	670	140	57	562	20	12	14.2	615	2	20	42	M39	130.50
600	610.0	890	795	150	72	666	20	12	16.0	735	2	20	48	M45	211.50

5.1 Flanse plate conform STAS8013-84 / ISO7005-1 PN10



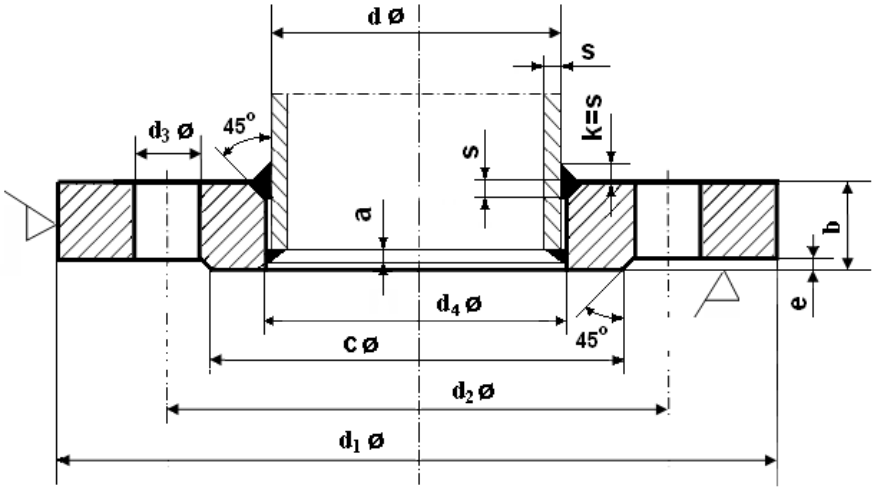
Teava		Dimensiunile flansei				Etansare		Suruburi			Masa(kg)
DN mm	d mm	d4 mm	b mm	d1 mm	d2 mm	c mm	e mm	n	d3 mm	filet	(7,85Kg/dm³)
10	14	14.5	12	90	60	42	2	4	14	M12	0.45
15	20	20.5	12	95	65	47	2	4	14	M12	0.50
20	25	25.5	14	105	75	58	2	4	14	M12	0.75
25	30	30.5	14	115	85	68	2	4	14	M12	0.88
	34	34.5									0.86
32	38	38.5	16	140	100	78	2	4	18	M16	1.50
	42	42.5									1.47
40	45	45.5	16	150	110	88	3	4	18	M16	1.64
	48	48.5									1.61
50	57	57.5	18	165	125	102	3	4	18	M16	2.22
	60	60.5									2.18
65	76	77	18	185	145	122	3	4	18	M16	2.66
80	89	90	20	200	160	133	3	8	18	M16	3.27
100	108	109	22	220	180	158	3	8	18	M16	4.16
	114	115									3.97
125	133	134	24	250	210	184	3	8	18	M16	5.75
	140	141									5.47
150	159	160	24	285	240	212	3	8	22	M20	7.05
	168	169									6.66
200	219	220	26	340	295	268	3	8	22	M20	9.42
250	273	274	28	395	350	320	3	12	22	M20	12.10
300	324	325	28	445	400	370	4	12	22	M20	13.60
350	356	357	30	505	460	430	4	16	22	M20	20.60
	377	378									17.90
400	406.4	408	32	565	515	482	4	16	26	M24	16.10
500	508	510	34	670	620	585	4	20	26	M24	34.40
600	609.6	612	36	780	725	685	5	20	30	M27	38.60

5.2 Flanse plate conform STAS8014-84 / ISO7005-1 PN16



Teava		Dimensiunile flansei				Etansare		Suruburi			Masa(kg)
DN mm	d mm	d4 mm	b mm	d1 mm	d2 mm	c mm	e mm	n	d3 mm	filet	(7,85Kg/dm³)
10	14	14.5	12	90	60	42	2	4	14	M12	0.45
15	20	20.5	12	95	65	47	2	4	14	M12	0.50
20	25	25.5	14	105	75	58	2	4	14	M12	0.75
25	30	30.5	14	115	85	68	2	4	14	M12	0.88
	34	34.5									0.86
32	38	38.5	16	140	100	78	2	4	18	M16	1.50
	42	42.5									1.47
40	45	45.5	16	150	110	88	3	4	18	M16	1.64
	48	48.5									1.61
50	57	57.5	18	165	125	102	3	4	18	M16	2.22
	60	60.5									2.18
65	76	77	18	185	145	122	3	4	18	M16	2.66
80	89	90	20	200	160	133	3	8	18	M16	3.27
100	108	109	22	220	180	158	3	8	18	M16	4.16
	114	115									3.97
125	133	134	24	250	210	184	3	8	18	M16	5.75
	140	141									5.47
150	159	160	24	285	240	212	3	8	22	M20	7.05
	168	169									6.66
200	219	220	26	340	295	268	3	12	22	M20	9.13
250	273	274	32	405	355	320	3	12	26	M24	14.90
300	324	325	32	460	410	370	4	12	26	M24	17.80
350	356	357	36	520	470	430	4	16	26	M24	28.20
	377	378									24.80
400	406.4	408	38	580	525	482	4	16	30	M27	34.60
500	508	510	44	715	650	585	4	20	33	M30	59.30
600	609.6	612	48	840	770	685	5	20	36	M33	79.00

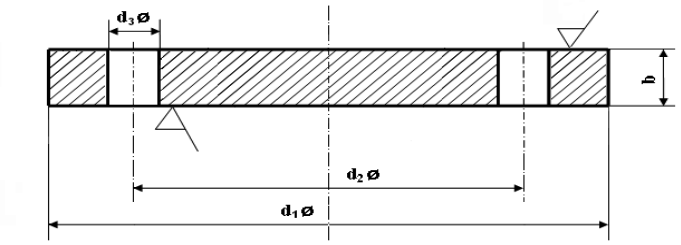
5.3 Flanse plate conform STAS8015-84 / ISO7005-1 PN25



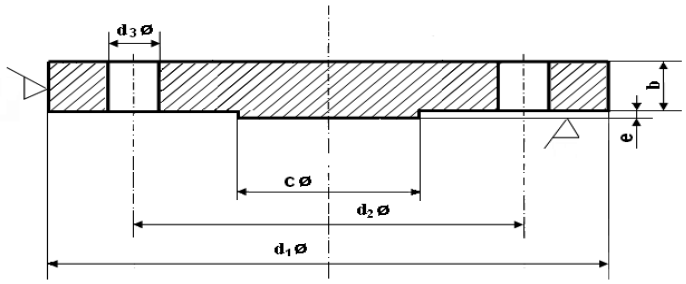
Teava		Dimensiunile flansei				Etansare		Suruburi			Masa(kg)
DN mm	d mm	d4 mm	b mm	d1 mm	d2 mm	c mm	e mm	n	d3 mm	filet	(7,85Kg/dm³)
10	14	14.5	14	90	60	42	2	4	14	M12	0.54
15	20	20.5	14	95	65	47	2	4	14	M12	0.61
20	25	25.5	16	105	75	58	2	4	14	M12	0.86
25	30	30.5	16	115	85	68	2	4	14	M12	1.03
	34	34.5									1.01
32	38	38.5	18	140	100	78	2	4	18	M16	1.71
	42	42.5									1.68
40	45	45.5	18	150	110	88	3	4	18	M16	1.88
	48	48.5									1.84
50	57	57.5	20	165	125	102	3	4	18	M16	2.50
	60	60.5									2.45
65	76	77	24	185	145	122	3	8	18	M16	3.49
80	89	90	26	200	160	133	3	8	18	M16	4.35
100	108	109	26	235	190	158	3	8	22	M20	5.86
	114	115									5.64
125	133	134	28	270	220	184	3	8	26	M24	7.95
	140	141									7.62
150	159	160	30	300	250	212	3	8	26	M24	10.22
	168	169									9.67
200	219	220	32	360	310	278	3	12	26	M24	13.60
250	273	274	36	425	370	335	3	12	30	M27	20.00
300	324	325	40	485	430	390	4	16	30	M27	26.70
350	356	357	44	555	490	450	4	16	33	M30	47.10
	377	378									37.90
400	406.4	408	48	620	550	505	4	16	36	M33	55.90
500	508	510	54	730	660	615	4	20	36	M33	79.00

6.1 Flanse oarbe conform STAS7451-88 PN10

Forma A



Forma B

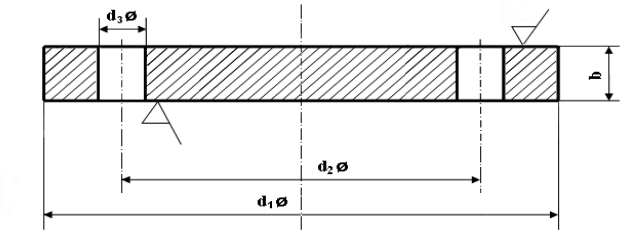


DN mm	Dimensiunile flansei			Etansare		Suruburi			Masa(kg)	
	d1 mm	b mm	d2 mm	c mm max	e mm	n	d3 mm	filet	Forma A	Forma B
10	90	14	60	-	-	4	14	M12	0.63	-
15	95	14	65	-	-	4	14	M12	0.72	-
20	105	16	75	-	-	4	14	M12	1.01	-
25	115	16	85	-	-	4	14	M12	1.23	-
32	140	16	100	-	-	4	18	M16	1.80	-
40	150	16	110	-	-	4	18	M16	2.09	-
50	165	18	125	-	-	4	18	M16	2.88	-
65	185	18	145	55	2	4	18	M16	3.66	3.70
80	200	20	160	70	2	8	18	M16	4.77	4.83
100	220	20	180	90	2	8	18	M16	5.65	5.75
125	250	22	210	115	2	8	18	M16	8.42	8.59
150	285	22	240	140	2	8	22	M20	10.40	10.60
200	340	24	295	190	2	8	22	M20	16.30	16.90
250	395	26	350	235	2	12	22	M20	24.00	24.70
300	445	26	400	280	2	12	22	M20	30.90	34.90
350	505	26	460	330	2	16	22	M20	40.60	41.90
400	565	26	515	380	2	16	26	M24	49.60	51.20
500	670	28	620	475	2	20	26	M24	75.00	77.80

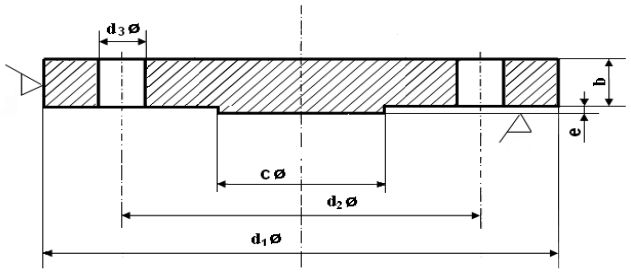
Cota c delimiteaza portiunea prelucrata pentru suprafata de etansare.

6.2 Flanse oarbe conform STAS7451-88 PN16

Forma A



Forma B

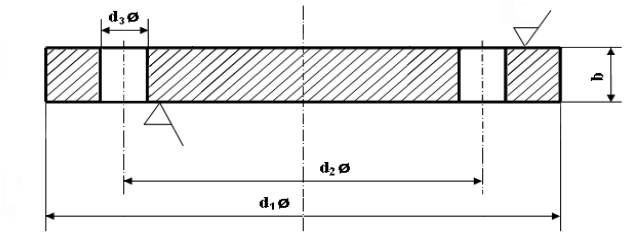


DN mm	Dimensiunile flansei			Etansare		Suruburi			Masa(kg)	
	d1 mm	b mm	d2 mm	c mm max	e mm	n	d3 mm	filet	Forma A	Forma B
10	90	14	60	-	-	4	14	M12	0.63	-
15	95	14	65	-	-	4	14	M12	0.72	-
20	105	16	75	-	-	4	14	M12	1.01	-
25	115	16	85	-	-	4	14	M12	1.23	-
32	140	16	100	-	-	4	18	M16	1.80	-
40	150	16	110	-	-	4	18	M16	2.09	-
50	165	18	125	-	-	4	18	M16	2.88	-
65	185	18	145	55	2	4	18	M16	3.66	3.70
80	200	20	160	70	2	8	18	M16	4.77	4.83
100	220	20	180	90	2	8	18	M16	5.65	5.75
125	250	22	210	115	2	8	18	M16	8.42	8.59
150	285	22	240	140	2	8	22	M20	10.40	10.60
200	340	24	295	190	2	12	22	M20	16.10	16.50
250	405	26	355	235	2	12	26	M24	24.90	25.60
300	460	28	410	285	2	12	26	M24	35.10	36.10
350	520	30	470	330	2	16	26	M24	47.80	49.10
400	580	32	525	380	2	16	30	M27	63.50	65.30
500	715	36	650	475	2	20	33	M30	102.00	105.00

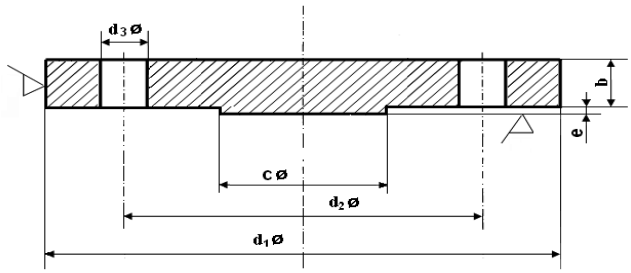
Cota c delimiteaza portiunea prelucrata pentru suprafata de etansare.

6.3 Flanse oarbe conform STAS7451-88 PN25

Forma A



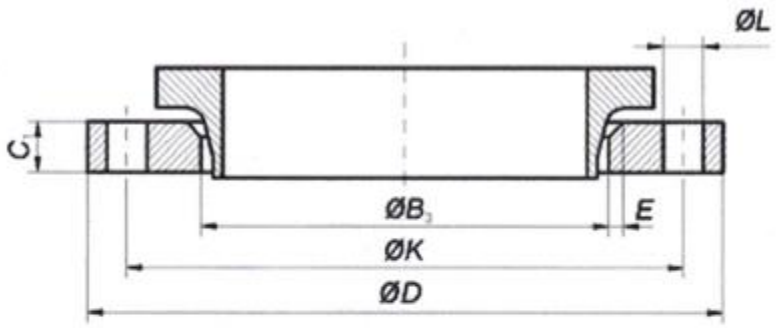
Forma B



DN mm	Dimensiunile flansei			Etansare		Suruburi			Masa(kg)	
	d1 mm	b mm	d2 mm	c mm max	e mm	n	d3 mm	filet	Forma A	Forma B
10	90	16	60	-	-	4	14	M12	0.72	-
15	95	16	65	-	-	4	14	M12	0.81	-
20	105	18	75	-	-	4	14	M12	1.24	-
25	115	18	85	-	-	4	14	M12	1.38	-
32	140	18	100	-	-	4	18	M16	2.03	-
40	150	18	110	-	-	4	18	M16	2.35	-
50	165	20	125	-	-	4	18	M16	3.26	-
65	185	22	145	55	2	8	18	M16	4.20	4.33
80	200	24	160	70	2	8	18	M16	5.88	5.94
100	235	24	190	90	2	8	22	M20	7.54	7.64
125	270	26	220	115	2	8	26	M24	10.80	11.00
150	300	28	250	140	2	8	26	M24	14.50	14.70
200	360	30	310	190	2	12	26	M24	22.30	22.70
250	425	32	370	237	2	12	30	M27	33.50	34.20
300	485	34	430	285	2	16	30	M27	46.30	47.30
350	555	38	490	332	2	16	33	M30	68.00	69.30
400	620	40	550	380	2	16	36	M33	89.70	91.50
500	730	45	660	475	2	20	36	M33	138.00	141.00

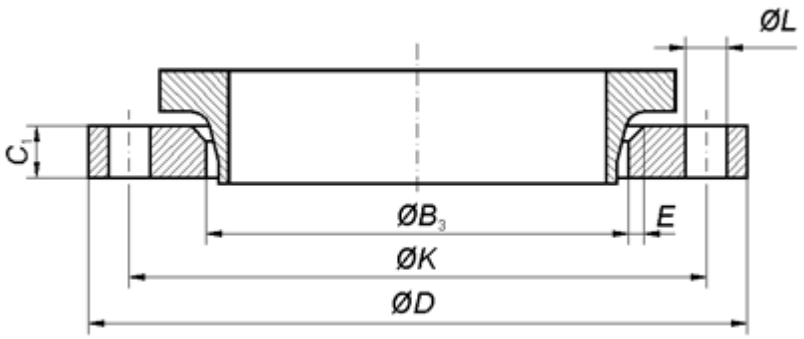
Cota c delimiteaza portiunea prelucrata pentru suprafata de etansare.

7.1 Flanse libere din otel pentru tevi PEHD (UNI EN 1092-1) PN10



DE	DN	Dimensiunile flansei					Suruburi			Masa(Kg)
		D	B3	K	C1	E	n	L	filet	
25	20	105	34	75	12	2	4	14	M12	0.67
32	25	115	42	85	12	2	4	14	M12	0,79
40	32	140	51	100	12	2	4	18	M16	1.16
50	40	150	62	110	12	3	4	18	M16	1.28
63	50	165	78	125	12	3	4	18	M16	1.37
75	65	185	92	145	12	3	4	18	M16	1.80
90	80	200	108	160	14	3	8	18	M16	2.33
110	100	220	128	180	14	3	8	18	M16	2.66
125	110	220	135	180	14	3	8	18	M16	2.50
140	125	250	158	210	14	3	8	18	M16	3.13
160	150	285	178	240	14	3	8	22	M20	3.94
180	150	285	188	240	14	3	8	22	M20	3.62
200	200	340	235	295	16	3	8	22	M20	5.57
225	200	340	238	295	16	3	8	22	M20	5.43
250	250	395	288	350	22	3	12	22	M20	9.06
280	250	395	294	350	22	3	12	22	M20	8.58
315	300	445	338	400	22	4	12	22	M20	10.57
355	350	505	376	460	24	4	16	22	M20	15.63
400	400	565	430	515	28	4	16	26	M24	21.30
450	500	670	517	620	28	4	20	26	M24	29.02
500	500	670	533	620	28	4	20	26	M24	26.12
560	600	780	618	725	28	4	20	30	M27	36.00
630	600	780	645	725	28	4	20	30	M27	30.10

7.2 Flanse libere din otel pentru tevi PEHD (UNI EN 1092-1) PN16



DE	DN	Dimensiunile flansei					Suruburi			Masa(Kg)
		D	B3	K	C1	E	n	L	filet	
25	20	105	34	75	12	2	4	14	M12	0.67
32	25	115	42	85	12	2	4	14	M12	0.79
40	32	140	51	100	12	2	4	18	M16	1.16
50	40	150	62	110	12	3	4	18	M16	1.28
63	50	165	78	125	12	3	4	18	M16	1.47
75	65	185	92	145	12	3	4	18	M16	1.81
90	80	200	108	160	14	3	8	18	M16	2.22
110	100	220	128	180	14	3	8	18	M16	2.54
125	110	220	135	180	14	3	8	18	M16	2.38
140	125	250	158	210	14	3	8	18	M16	3.02
160	150	285	178	240	14	3	8	22	M20	3.94
180	150	285	188	240	14	3	8	22	M20	3.63
200	200	340	235	295	16	3	12	22	M20	5.38
225	200	340	238	295	16	3	12	22	M20	5.24
250	250	405	288	355	24	3	12	26	M24	10.79
280	250	405	294	355	24	3	12	26	M24	10.28
315	300	460	338	410	24	4	12	26	M24	13.20
355	350	520	376	470	26	4	16	26	M24	18.95
400	400	580	430	525	30	4	16	30	M27	25.36
450	500	715	517	650	32	4	20	33	M30	43.83
500	500	715	533	650	32	4	20	33	M30	40.51
560	600	840	618	770	34	4	20	36	M33	62.41
630	600	840	645	770	34	4	20	36	M33	55.27