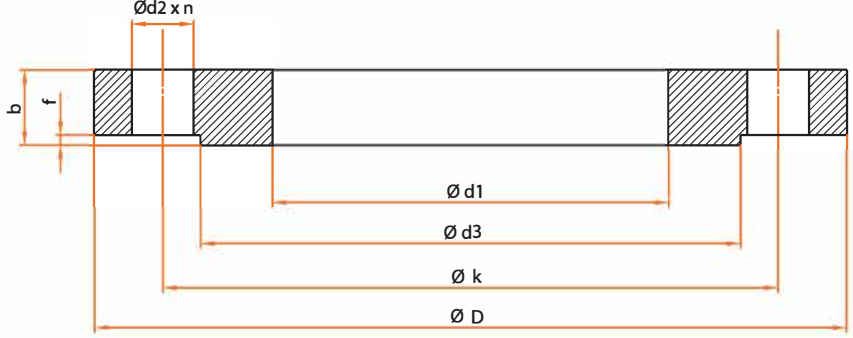




PN 2,5 RF Düz Flanş | PN 2,5 RF Flat Flange



DIN2501



EN1092-1

Ölçüler | Dimensions

Ebat Size	Boru Çapı Pipe Dia	Flanş Ölçüleri / Flange Dimensions							Cıvata Ölçüsü / Bolt Dimensions			Ağırlık / Weight	
		d1	D	k	b		d3	f	d2	Cıvata Çap Bolt Dia	n Delik Sayısı Number of Holes	EN 1092-1 kg/ad kg/pcs	DIN 2501 kg/ad kg/pcs
					EN 1092-1	DIN 2501							
DN 15	21,3	22,0	80	55	12	12	40	2	11	M10	4	0,35	0,35
DN 20	26,9	27,5	90	65	14	14	50	2	11	M10	4	0,53	0,53
DN 25	33,7	34,5	100	75	14	14	60	2	11	M10	4	0,65	0,65
DN 32	42,4	43,5	120	90	16	14	70	2	14	M12	4	1,05	0,91
DN 40	48,3	49,5	130	100	16	14	80	2	14	M12	4	1,20	1,00
DN 50	60,3	61,5	140	110	16	14	90	2	14	M12	4	1,30	1,10
DN 65	76,1	77,5	160	130	16	14	110	2	14	M12	4	1,60	1,40
DN 80	88,9	90,5	190	150	18	16	128	2	18	M16	4	2,60	2,30
DN 100	114,3	116,0	210	170	18	16	148	2	18	M16	4	3,90	3,50
DN 125	139,7	141,5	240	200	20	18	178	2	18	M16	8	4,30	3,80
DN 150	168,3	170,5	265	225	20	18	202	2	18	M16	8	6,30	5,60
DN 200	219,1	221,5	320	280	22	20	258	2	18	M16	8	8,20	7,50
DN 250	273,0	276,5	375	335	24	22	312	2	18	M16	12	10,60	9,60
DN 300	323,9	327,5	440	395	24	22	365	2	22	M20	12	15,30	12,70
DN 350	355,6	359,5	490	445	26	22	415	2	22	M20	12	18,20	13,90
DN 400	406,4	411,0	540	495	28	22	465	2	22	M20	16	22,70	16,10
DN 450	457,0	462,0	595	550	30	22	520	3	22	M20	16	24,40	19,10
DN 500	508,0	513,5	645	600	30	24	570	3	22	M20	20	31,50	22,80
DN 600	610,0	616,5	755	705	32	24	670	3	26	M24	20	47,50	27,80
DN 700	711,0	718,0	860	810	40	24	775	3	26	M24	24	65,30	33,50
DN 800	813,0	819,0	975	920	44	24	880	3	30	M27	24	79,80	40,80
DN 900	914,0	920,0	1075	1020	48	26	980	3	30	M27	24	94,00	44,00
DN 1000	1016,0	1022,0	1175	1120	52	26	1080	3	30	M27	28	136,00	64,00
DN 1200	1219,0	1228,0	1375	1320	60	28	1280	5	30	M27	32	-	-
DN 1400	1422,0	1429,0	1575	1520	70	32	1480	5	30	M27	36	-	-
DN 1600	1626,0	1632,0	1790	1730	74	34	1690	5	30	M27	40	-	-
DN 1800	1829,0	1835,0	1990	1930	80	36	1920	5	30	M27	44	-	-
DN 2000	2032,0	2040,0	2190	2130	88	38	2000	5	30	M27	48	-	-

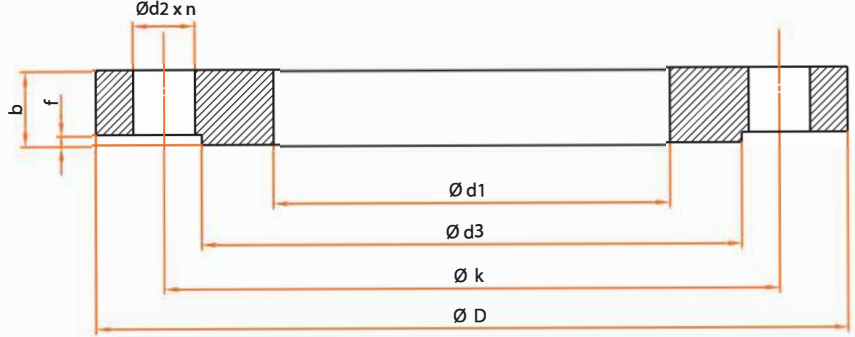
Tüm ölçüler mm. dir. | All dimensions are in mm.

DN 3000'e kadar imalat yapılabilir. | DN 3000 manufacturing is done.

Paslanmaz alüminyum flanş imalatı yapılır. | Stainless aluminum flange is manufactured.



PN 6 RF Düz Flanş | PN 6 RF Flat Flange



DIN2501



EN1092-1

Ölçüler | Dimensions

Ebat Size	Boru Çapı Pipe Dia	Flanş Ölçüleri / Flange Dimensions							Cıvata Ölçüsü / Bolt Dimensions			Ağırlık / Weight	
		d1	D	k	b		d3	f	d2	Cıvata Çap Bolt Dia	n Delik Sayısı Number of Holes	EN 1092-1 kg/ad kg/pcs	DIN 2501 kg/ad kg/pcs
					EN 1092-1	DIN 2501							
DN 15	21,3	22,0	80	55	12	12	40	2	11	M10	4	0,35	0,35
DN 20	26,9	27,6	90	65	14	14	50	2	11	M10	4	0,53	0,53
DN 25	33,7	34,4	100	75	14	14	60	2	11	M10	4	0,65	0,65
DN 32	42,4	43,1	120	90	16	14	70	2	14	M12	4	1,05	0,91
DN 40	48,3	49,0	130	100	16	14	80	3	14	M12	4	1,20	1,00
DN 50	60,3	61,1	140	110	16	14	90	3	14	M12	4	1,30	1,10
DN 65	76,1	77,1	160	130	16	14	110	3	14	M12	4	1,60	1,40
DN 80	88,9	90,3	190	150	18	16	128	3	18	M16	4	2,60	2,30
DN 100	114,3	115,9	210	170	18	16	148	3	18	M16	4	2,90	2,50
DN 125	139,7	141,6	240	200	20	18	178	3	18	M16	8	3,90	3,50
DN 150	168,3	170,5	265	225	20	18	202	3	18	M16	8	4,30	3,80
DN 200	219,1	221,5	320	280	22	20	258	3	18	M16	8	6,30	5,60
DN 250	273,0	276,2	375	335	24	22	312	3	18	M16	12	8,20	7,50
DN 300	323,9	327,6	440	395	24	22	365	4	22	M20	12	10,60	9,60
DN 350	355,6	359,7	490	445	26	22	415	4	22	M20	12	15,30	12,70
DN 400	406,4	411,0	540	495	28	22	465	4	22	M20	16	18,20	13,90
DN 450	457,0	462,3	595	550	30	22	520	4	22	M20	16	22,70	16,10
DN 500	508,0	513,6	645	600	30	24	570	4	22	M20	20	24,40	19,10
DN 600	610,0	616,5	755	705	32	24	670	5	26	M24	20	31,50	22,80
DN 700	711,0	718,0	860	810	40	24	775	5	26	M24	24	47,50	27,80
DN 800	813,0	819,0	975	920	44	24	880	5	30	M27	24	65,30	33,50
DN 900	914,0	920,0	1075	1020	48	26	980	5	30	M27	24	79,80	40,80
DN 1000	1016,0	1022,0	1175	1120	52	26	1080	5	30	M27	28	94,00	44,00
DN 1100	1116,0	1122,0	1305	1240	56	28	1200	5	33	M30	28	136,00	64,00
DN 1200	1220,0	1228,0	1405	1340	60	28	1295	5	33	M30	32	153,00	67,00
DN 1300	1320,0	1326,0	1520	1450	66	30	1405	5	36	M33	32	199,00	85,00
DN 1400	1422,0	1429,0	1630	1560	72	32	1510	5	36	M33	36	246,00	104,00
DN 1500	1524,0	1530,0	1730	1660	76	32	1615	5	36	M33	36	273,00	109,00
DN 1600	1626,0	1632,0	1830	1760	80	34	1710	5	36	M33	40	311,00	126,00
DN 1800	1829,0	1835,0	2045	1970	88	36	1920	5	39	M36	44	411,00	160,00
DN 2000	2032,0	2040,0	2265	2180	96	38	2125	5	42	M39	48	541,00	204,00

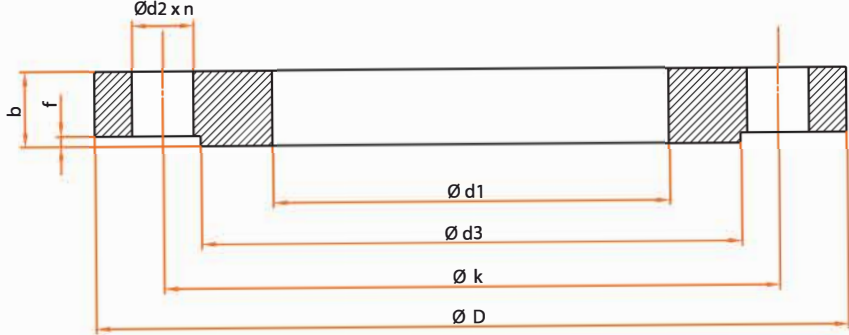
Tüm ölçüler mm. dir. | All dimensions are in mm.

DN 3000'e kadar imalat yapılabilmektedir. | DN 3000 manufacturing is done.

Paslanmaz alüminyum flanş imalatı yapılır. | Stainless aluminum flange is manufactured.



PN 10 RF Düz Flanş | PN 10 RF Flat Flange



DIN2501



EN1092-1

Ölçüler | Dimensions

Ebat Size	Boru Çapı Pipe Dia	Flanş Ölçüleri / Flange Dimensions							Cıvata Ölçüsü / Bolt Dimensions			Ağırlık / Weight	
		d1	D	k	b		d3	f	d2	Cıvata Çap Bolt Dia	n Delik Sayısı Number of Holes	EN 1092-1 kg/ad kg/pcs	DIN 2501 kg/ad kg/pcs
					EN 1092-1	DIN 2501							
DN 15	21,3	22,0	95	65	14	14	45	2	14	M12	4	0,59	0,59
DN 20	26,9	27,5	105	75	16	16	58	2	14	M12	4	0,85	0,85
DN 25	33,7	34,5	115	85	16	16	68	2	14	M12	4	1,01	1,01
DN 32	42,4	43,1	140	100	18	16	78	2	18	M16	4	1,70	1,50
DN 40	48,3	49,0	150	110	18	16	88	3	18	M16	4	1,80	1,60
DN 50	60,3	61,1	165	125	20	18	102	3	18	M16	4	2,50	2,20
DN 65	76,1	77,1	185	145	20	18	122	3	18	M16	4	3,00	2,70
DN 80	88,9	90,3	200	160	20	20	138	3	18	M16	8	3,30	3,30
DN 100	114,3	115,9	220	180	22	20	158	3	18	M16	8	4,00	3,60
DN 125	139,7	141,6	250	210	22	22	188	3	18	M16	8	5,00	5,00
DN 150	168,3	170,5	285	240	24	22	212	3	22	M20	8	6,50	6,00
DN 200	219,1	221,5	340	295	24	24	268	3	22	M20	8	8,50	8,50
DN 250	273,0	276,2	395	350	26	26	320	3	22	M20	12	11,00	11,00
DN 300	323,9	327,6	445	400	26	26	370	4	22	M20	12	12,30	12,30
DN 350	355,6	359,7	505	460	30	26	430	4	22	M20	16	20,30	17,40
DN 400	406,4	411,0	565	515	32	26	482	4	26	M24	16	25,70	20,50
DN 450	457,0	462,3	615	565	36	28	532	4	26	M24	20	31,50	22,20
DN 500	508,0	513,6	670	620	38	28	585	4	26	M24	20	37,90	27,30
DN 600	610,0	616,5	780	725	42	28	685	5	30	M27	20	50,80	32,60
DN 700	711,0	718,0	895	840	50	30	800	5	30	M27	24	77,10	44,50
DN 800	813,0	819,0	1015	950	56	32	905	5	33	M30	24	109,50	60,10
DN 900	914,0	920,0	1115	1050	62	34	1005	5	33	M30	28	133,90	70,60
DN 1000	1016,0	1022,0	1230	1160	70	34	1110	5	36	M33	28	179,00	83,00
DN 1100	1116,0	1122,0	1340	1270	76	36	1218	5	36	M33	32	224,00	102,00
DN 1200	1220,0	1228,0	1455	1380	83	38	1330	5	39	M36	32	280,00	123,00
DN 1300	1320,0	1326,0	1575	1490	c	38	1440	5	42	M39	32	-	145,00
DN 1400	1422,0	1429,0	1675	1590	c	42	1535	5	42	M39	36	-	172,00
DN 1500	1524,0	1530,0	1785	1700	c	44	1648	5	42	M39	36	-	200,00
DN 1600	1626,0	1632,0	1915	1820	c	46	1760	5	48	M45	40	-	250,00
DN 1800	1829,0	1835,0	2115	2020	c	50	1960	5	48	M45	44	-	304,00
DN 2000	2032,0	2040,0	2325	2230	c	54	2170	5	48	M45	48	-	379,00

Tüm ölçüler mm. dir. | All dimensions are in mm.

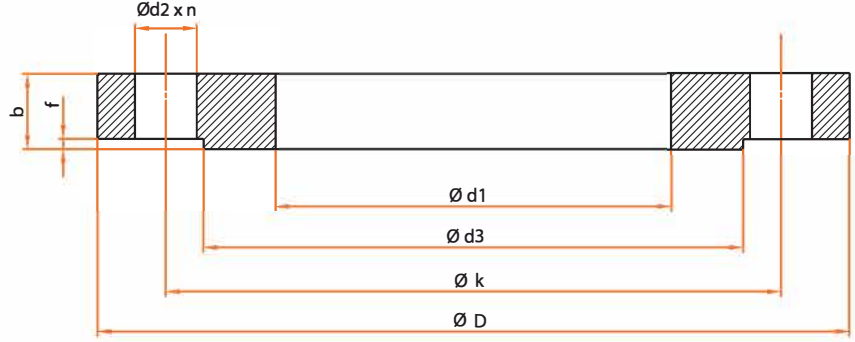
DN 3000'e kadar imalat yapılabilir. | DN 3000 manufacturing is done.

"c" ölçüsü müşteri tarafından belirlenir. | "c" dimension is specified by customer.

Paslanmaz alüminyum flanş imalatı yapılır. | Stainless aluminum flange is manufactured.



PN 16 RF Düz Flanş | PN 16 RF Flat Flange



DIN2501



EN1092-1

Ölçüler | Dimensions

Ebat Size	Boru Çapı Pipe Dia	Flanş Ölçüleri / Flange Dimensions							Cıvata Ölçüsü / Bolt Dimensions			Ağırlık / Weight	
		d1	D	k	b		d3	f	d2	Cıvata Çap Bolt Dia	n Delik Sayısı Number of Holes	EN 1092-1 kg/ad kg/pcs	DIN 2501 kg/ad kg/pcs
					EN 1092-1	DIN 2501							
DN 15	21,3	22,0	95	65	14	14	45	2	14	M12	4	0,6	0,6
DN 20	26,9	27,6	105	75	16	16	58	2	14	M12	4	0,9	0,9
DN 25	33,7	34,4	115	85	16	16	68	2	14	M12	4	1,0	1,0
DN 32	42,4	43,1	140	100	18	16	78	2	18	M16	4	1,7	1,5
DN 40	48,3	49,0	150	110	18	16	88	3	18	M16	4	1,8	1,6
DN 50	60,3	61,1	165	125	20	18	102	3	18	M16	4	2,5	2,2
DN 65	76,1	77,1	185	145	20	18	122	3	18	M16	8	2,9	2,5
DN 80	88,9	90,3	200	160	20	20	138	3	18	M16	8	3,3	3,3
DN 100	114,3	115,9	220	180	22	20	158	3	18	M16	8	4,0	3,6
DN 125	139,7	141,6	250	210	22	22	188	3	18	M16	8	5,0	5,0
DN 150	168,3	170,5	285	240	24	22	212	3	22	M20	8	6,5	6,0
DN 200	219,1	221,5	340	295	26	24	268	3	22	M20	12	9,0	8,3
DN 250	273,0	276,2	405	355	29	26	320	3	26	M24	12	13,3	11,8
DN 300	323,9	327,6	460	410	32	28	378	4	26	M24	12	17,5	15,1
DN 350	355,6	359,7	520	470	35	30	438	4	26	M24	16	26,4	22,4
DN 400	406,4	411,0	580	525	38	32	490	4	30	M27	16	33,9	28,2
DN 450	457,0	462,3	640	585	42	34	550	4	30	M27	20	43,9	32,9
DN 500	508,0	513,6	715	650	46	34	610	4	33	M30	20	61,2	44,4
DN 600	610,0	616,5	840	770	55	36	725	5	36	M33	20	96,9	61,8
DN 700	711,0	718,0	910	840	63	36	795	5	36	M33	24	104,3	57,4
DN 800	813,0	819,0	1025	950	74	38	900	5	39	M36	24	150,5	74,2
DN 900	914,0	920,0	1125	1050	82	40	1000	5	39	M36	28	183,7	86,1
DN 1000	1016,0	1022,0	1255	1170	90	42	1115	5	42	M39	28	258,5	116,0
DN 1100	1116,0	1122,0	1355	1270	c	44	1218	5	43	M40	32	-	131,6
DN 1200	1220,0	1228,0	1485	1390	c	48	1330	5	48	M45	32	-	174,9
DN 1300	1320,0	1326,0	1585	1490	c	50	1438	5	48	M45	36	-	195,9
DN 1400	1422,0	1429,0	1685	1590	c	52	1530	5	48	M45	36	-	219,1
DN 1500	1524,0	1530,0	1820	1710	c	54	1640	5	56	M52	36	-	266,6
DN 1600	1626,0	1632,0	1930	1820	c	58	1750	5	56	M52	40	-	325,4
DN 1800	1829,0	1835,0	2130	2020	c	62	1950	5	56	M52	44	-	388,9
DN 2000	2032,0	2040,0	2345	2230	c	66	2150	5	62	M56	48	-	471,3

Tüm ölçüler mm. dir. | All dimensions are in mm.

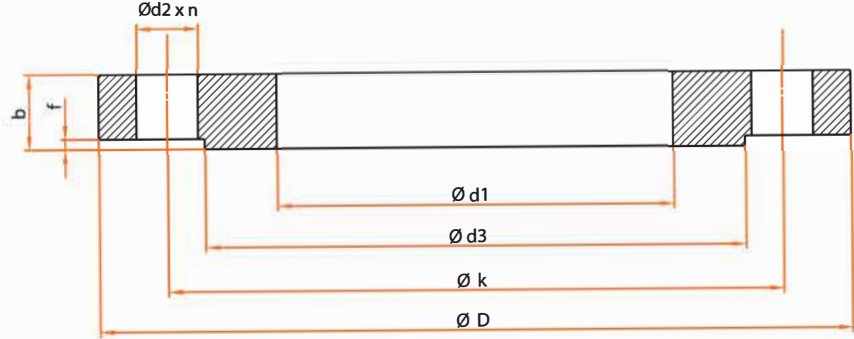
DN 3000'e kadar imalat yapılabilmektedir. | DN 3000 manufacturing is done.

"c" ölçüsü müşteri tarafından belirlenir. | "c" dimension is specified by customer.

Paslanmaz alüminyum flanş imalatı yapılır. | Stainless aluminum flange is manufactured.



PN 25 RF Düz Flanş | PN 25 RF Flat Flange



DIN2501



EN1092-1

Ölçüler | Dimensions

Ebat Size	Boru Çapı Pipe Dia	Flanş Ölçüleri / Flange Dimensions							Cıvata Ölçüsü / Bolt Dimensions			Ağırlık / Weight	
		d1	D	k	b		d3	f	d2	Cıvata Çap Bolt Dia	n Delik Sayısı Number of Holes	EN 1092-1 kg/ad kg/pcs	DIN 2501 kg/ad kg/pcs
					EN 1092-1	DIN 2501							
DN 15	21,3	22,0	95	65	14	16	45	2	14	M12	4	0,59	0,69
DN 20	26,9	27,6	105	75	16	18	58	2	14	M12	4	0,85	0,97
DN 25	33,7	34,4	115	85	16	18	68	2	14	M12	4	1,01	1,15
DN 32	42,4	43,1	140	100	18	18	78	2	18	M16	4	1,68	1,68
DN 40	48,3	49,0	150	110	18	18	88	3	18	M16	4	1,80	1,80
DN 50	60,3	61,1	165	125	20	20	102	3	18	M16	4	2,50	2,50
DN 65	76,1	77,1	185	145	22	22	122	3	18	M16	8	3,20	3,20
DN 80	88,9	90,3	200	160	24	24	138	3	18	M16	8	4,00	4,00
DN 100	114,3	115,9	235	190	26	24	162	3	22	M20	8	5,60	5,20
DN 125	139,7	141,6	270	220	28	26	188	3	26	M24	8	7,60	7,00
DN 150	168,3	170,5	300	250	30	28	218	3	26	M24	8	9,60	8,90
DN 200	219,1	221,5	360	310	32	30	278	3	26	M24	12	13,50	12,60
DN 250	273,0	276,2	425	370	35	32	335	3	30	M27	12	19,10	17,40
DN 300	323,9	327,6	485	430	38	34	395	4	30	M27	16	25,00	22,20
DN 350	355,6	359,7	555	490	42	38	450	4	33	M30	16	39,60	35,60
DN 400	406,4	411,0	620	550	48	40	505	4	36	M33	16	55,00	45,40
DN 450	457,0	462,3	670	600	54	42	555	4	36	M33	20	66,90	51,40
DN 500	508,0	513,5	730	660	58	44	615	4	36	M33	20	83,90	62,80
DN 600	610,0	616,5	845	770	68	46	720	5	39	M36	20	122,00	81,00
DN 700	711,0	718,0	960	875	85	46	820	5	42	M39	24	184,00	97,00
DN 800	813,0	819,0	1085	990	95	50	930	5	48	M45	24	257,00	131,00
DN 900	914,0	920,0	1185	1090	c	54	1030	5	48	M45	28	-	156,00
DN 1000	1016,0	1022,0	1320	1210	c	58	1140	5	56	M52	28	-	207,00
DN 1100	1116,0	1122,0	1420	1310	c	66	1240	5	56	M52	32	-	256,00
DN 1200	1220,0	1228,0	1530	1420	c	70	1350	5	56	M52	32	-	306,00
DN 1300	1320,0	1326,0	1640	1530	c	74	1455	5	62	M58	32	-	355,00
DN 1400	1422,0	1429,0	1755	1640	c	76	1560	5	62	M58	36	-	410,00
DN 1600	1626,0	1632,0	1975	1860	c	90	1780	5	62	M58	40	-	595,00
DN 1800	1829,0	1835,0	2195	2070	c	96	1985	5	70	M64	44	-	731,00
DN 2000	2032,0	2040,0	2425	2300	c	102	2210	5	70	M64	48	-	884,00

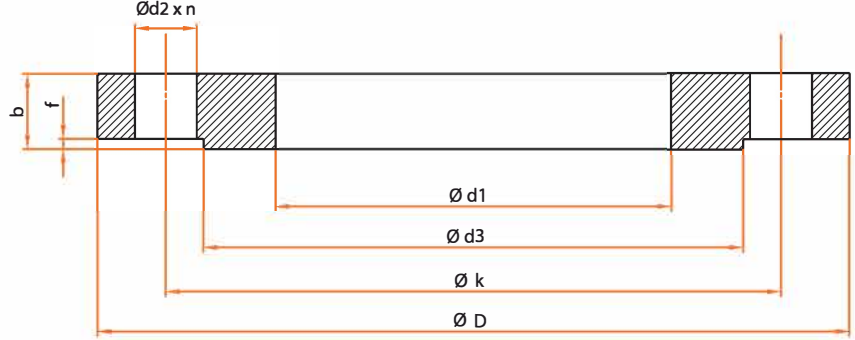
Tüm ölçüler mm. dir. | All dimensions are in mm.

"c" ölçüsü müşteri tarafından belirlenir. | "c" dimension is specified by customer.

Paslanmaz alüminyum flanş imalatı yapılır. | Stainless aluminum flange is manufactured.



PN 40 RF Düz Flanş | PN 40 RF Flat Flange



DIN2501



EN1092-1

Ölçüler | Dimensions

Ebat Size	Boru Çapı Pipe Dia	Flanş Ölçüleri / Flange Dimensions							Cıvata Ölçüsü / Bolt Dimensions			Ağırlık / Weight	
		d1	D	k	b		d3	f	d2	Cıvata Çap Bolt Dia	n Delik Sayısı Number of Holes	EN 1092-1 kg/ad kg/pcs	DIN 2501 kg/ad kg/pcs
					EN 1092-1	DIN 2501							
DN 15	21,3	22,0	95	65	14	16	45	2	14	M12	4	0,59	0,69
DN 20	26,9	27,5	105	75	16	18	58	2	14	M12	4	0,85	0,97
DN 25	33,7	34,5	115	85	16	18	68	2	14	M12	4	1,01	1,15
DN 32	42,4	43,5	140	100	18	18	78	2	18	M16	4	1,67	1,67
DN 40	48,3	49,5	150	110	18	18	88	3	18	M16	4	1,80	1,80
DN 50	60,3	61,5	165	125	20	20	102	3	18	M16	4	2,40	2,40
DN 65	76,1	77,5	185	145	22	22	122	3	18	M16	8	3,20	3,20
DN 80	88,9	90,5	200	160	24	24	138	3	18	M16	8	4,00	4,00
DN 100	114,3	116,0	235	190	26	24	162	3	22	M20	8	5,60	5,10
DN 125	139,7	141,5	270	220	28	26	188	3	26	M24	8	7,60	7,00
DN 150	168,3	170,5	300	250	30	28	218	3	26	M24	8	9,60	8,90
DN 200	219,1	221,5	375	320	36	34	285	3	30	M27	12	17,00	16,00
DN 250	273,0	276,5	450	385	42	38	345	3	33	M30	12	28,00	25,20
DN 300	323,9	327,5	515	450	52	42	410	4	33	M30	16	43,10	34,50
DN 350	355,6	359,5	580	510	58	46	465	4	36	M33	16	64,30	50,50
DN 400	406,4	411,0	660	585	65	50	535	4	39	M36	16	94,10	71,70
DN 450	457,0	462,0	685	610	c	50	560	4	39	M36	20	-	66,40
DN 500	508,0	513,5	755	670	c	52	615	4	42	M39	20	-	83,10
DN 600	610,0	616,5	890	795	c	60	735	5	48	M45	20	-	129,00
DN 700	711,0	718,0	995	900	c	64	840	5	48	M45	24	-	159,00
DN 800	813,0	819,0	1140	1030	c	72	960	5	56	M52	24	-	237,00
DN 900	914,0	920,0	1250	1140	c	76	1010	5	56	M52	28	-	285,00
DN 1000	1016,0	1022,0	1360	1250	c	80	1180	5	56	M52	28	-	343,00
DN 1100	1116,0	1126,0	1470	1100	c	84	1120	5	56	M52	28	-	399,00
DN 1200	1220,0	1228,0	1575	1460	c	88	1394	5	62	M58	32	-	454,00
DN 1300	1320,0	1326,0	1685	1570	c	94	1504	5	62	M58	32	-	545,00
DN 1400	1422,0	1429,0	1795	1680	c	98	1600	5	62	M58	36	-	624,00
DN 1500	1524,0	1530,0	1910	1790	c	104	1722	5	64	M60	36	-	732,00
DN 1600	1626,0	1632,0	2025	1900	c	108	1815	5	70	M66	40	-	827,00

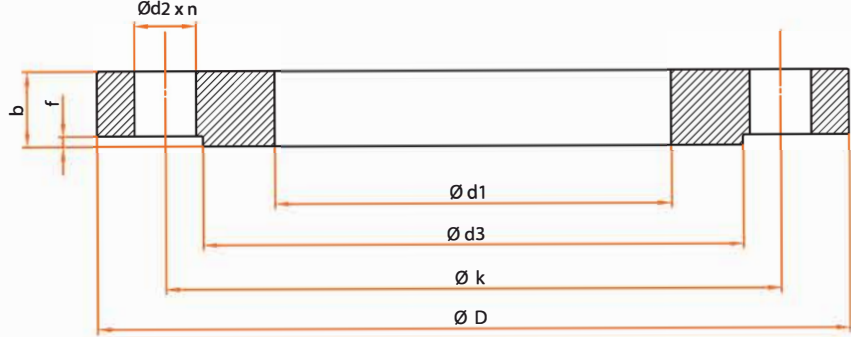
Tüm ölçüler mm. dir. | All dimensions are in mm.

"c" ölçüsü müşteri tarafından belirlenir. | "c" dimension is specified by customer.

Paslanmaz alüminyum flanş imalatı yapılır. | Stainless aluminum flange is manufactured.



PN 63 RF Düz Flanş | PN 63 RF Flat Flange



DIN2501



EN1092-1

Ölçüler | Dimensions

Ebat Size	Boru Çapı Pipe Dia	Flanş Ölçüleri / Flange Dimensions							Cıvata Ölçüsü / Bolt Dimensions			Ağırlık / Weight	
		d1	D	k	b		d3	f	d2	Cıvata Çap Bolt Dia	n Delik Sayısı Number of Holes	EN 1092-1 kg/ad kg/pcs	DIN 2501 kg/ad kg/pcs
					EN 1092-1	DIN 2501							
DN 15	21,3	22,0	105	75	20	20	45	2	14	M12	4	1,10	1,10
DN 20	26,9	27,6	130	90	22	22	58	2	18	M16	4	1,86	1,86
DN 25	33,7	34,4	140	100	24	24	68	2	18	M16	4	2,37	2,37
DN 32	42,4	43,1	155	110	24	24	78	3	22	M20	4	2,70	2,70
DN 40	48,3	49,0	170	125	26	26	88	3	22	M20	4	3,60	3,60
DN 50	60,3	61,1	180	135	26	26	102	3	22	M20	4	3,90	3,90
DN 65	76,1	77,1	205	160	26	26	122	3	22	M20	8	4,70	4,70
DN 80	88,9	90,3	215	170	30	28	138	3	22	M20	8	5,90	5,50
DN 100	114,3	115,9	250	200	32	30	162	3	26	M24	8	8,00	7,50
DN 125	139,7	141,6	295	240	34	34	188	3	30	M27	8	11,70	11,70
DN 150	168,3	170,5	345	280	36	36	218	3	33	M30	8	16,90	16,90
DN 200	219,1	221,5	415	345	48	42	285	3	36	M33	12	30,50	26,50
DN 250	273,0	276,2	470	400	55	46	345	3	36	M33	12	42,20	35,00
DN 300	323,9	327,6	530	460	65	52	410	4	36	M33	16	59,00	46,80
DN 350	355,6	359,7	600	525	72	56	465	4	39	M36	16	88,70	68,30
DN 400	406,4	411,0	670	585	80	60	535	4	42	M39	16	120,90	89,90
DN 500	508,0	513,5	800	705	c	60	615	4	48	M45	20	-	117,00
DN 600	610,0	616,5	930	820	c	62	735	4	56	M52	20	-	155,00
DN 700	711,0	718,0	1045	935	c	68	840	5	56	M52	24	-	203,00
DN 800	813,0	819,0	1165	1050	c	76	960	4	62	M58	24	-	270,00
DN 900	914,0	920,0	1285	1170	c	84	1070	4	62	M58	28	-	352,00
DN 1000	1016,0	1022,0	1415	1290	c	92	1180	4	70	M66	28	-	454,00
DN 1200	1220,0	1226,0	1665	1530	c	100	1380	4	78	M74	32	-	646,00

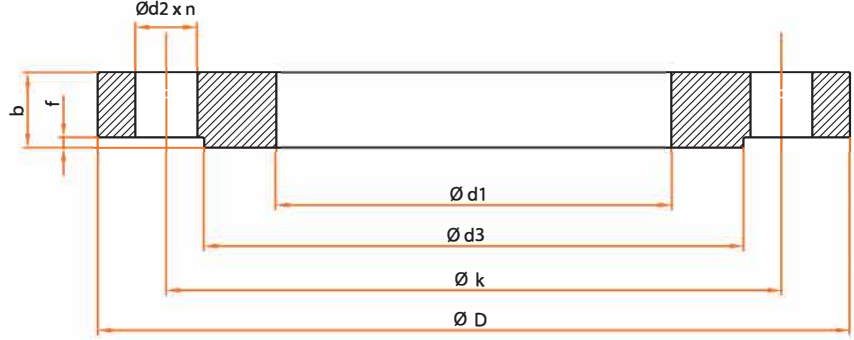
Tüm ölçüler mm. dir. | All dimensions are in mm.

"c" ölçüsü müşteri tarafından belirlenir. | "c" dimension is specified by customer.

Paslanmaz alüminyum flanş imalatı yapılır. | Stainless aluminum flange is manufactured.



PN 100 RF Düz Flanş | PN 100 RF Flat Flange



DIN2501



EN1092-1

Ölçüler | Dimensions

Ebat Size	Boru Çapı Pipe Dia	Flanş Ölçüleri / Flange Dimensions							Cıvata Ölçüsü / Bolt Dimensions			Ağırlık / Weight	
		d1	D	k	b		d3	f	d2	Cıvata Çap Bolt Dia	n Delik Sayısı Number of Holes	EN 1092-1 kg/ad kg/pcs	DIN 2501 kg/ad kg/pcs
					EN 1092-1	DIN 2501							
DN 15	21,3	22,0	105	75	20	20	45	2	14	M12	4	1,10	1,10
DN 20	26,9	27,5	130	90	22	22	58	2	18	M16	4	1,86	1,86
DN 25	33,7	34,4	140	100	24	24	68	2	18	M16	4	2,37	2,37
DN 32	42,4	43,1	155	110	24	24	78	3	22	M20	4	2,70	2,70
DN 40	48,3	49,0	170	125	26	26	88	3	22	M20	4	3,58	3,58
DN 50	60,3	61,1	195	145	28	28	102	3	26	M24	4	5,00	5,00
DN 65	76,1	77,1	220	170	30	30	122	3	26	M24	8	6,34	6,34
DN 80	88,9	90,3	230	180	34	32	138	3	26	M24	8	7,73	7,24
DN 100	114,3	115,9	265	210	36	36	162	3	30	M27	8	10,33	10,30
DN 125	139,7	141,60	315	250	42	40	188	3	33	M30	8	17,24	16,40
DN 150	168,3	170,50	355	290	48	44	218	3	33	M30	12	23,63	21,60
DN 200	219,1	221,50	430	360	60	52	285	3	36	M33	12	42,90	37,00
DN 250	273,0	276,20	505	430	72	60	345	3	39	M36	12	69,12	57,20
DN 300	323,9	327,60	585	500	84	68	410	4	42	M39	16	103,52	83,10
DN 350	355,6	359,70	655	560	95	74	465	4	48	M45	16	149,69	115,60

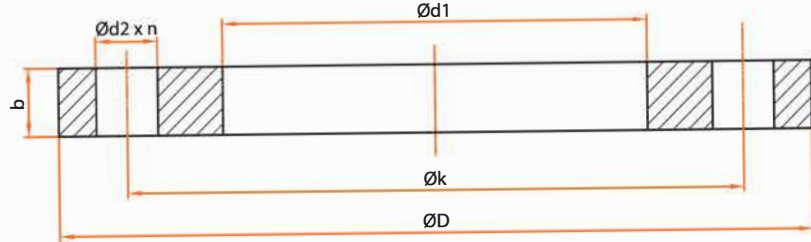
Tüm ölçüler mm. dir. | All dimensions are in mm.

Paslanmaz alüminyum flanş imalatı yapılır. | Stainless aluminum flange is manufactured.



PN6, PN10, PN16 FF PE Flanş | PN6, PN10, PN16 FF PE Flange

HDPE PE100 Adaptör Flanşı | Adaptors Flange HDPE PE100



Ölçüler | Dimensions

Ebat Size	Nom. Boru Çapı Nom. Pipe Dia	d1	PN6						PN10						PN16					
			D	b	k	d2	n	Kg	D	b	k	d2	n	Kg	D	b	k	d2	n	Kg
DN 15	20	28	80	12	55	11	4	0,38	95	14	65	14	4	0,64	95	14	65	14	4	0,64
DN 20	25	34	90	14	65	11	4	0,56	105	16	75	14	4	0,90	105	16	75	14	4	0,90
DN 25	32	42	100	14	75	11	4	0,67	115	16	85	14	4	1,05	115	16	85	14	4	1,05
DN 32	40	51	120	14	90	14	4	0,95	140	16	100	18	4	1,55	140	16	100	18	4	1,55
DN 40	50	62	130	14	110	14	4	1,06	150	16	110	18	4	1,71	150	16	110	18	4	1,71
DN 50	63	78	140	14	110	14	4	1,10	165	18	125	18	4	2,20	165	18	125	18	4	2,20
DN 65	75	92	160	14	130	14	4	1,41	185	18	145	18	4	2,72	185	18	145	18	4	2,72
DN 80	90	108	190	16	150	18	4	2,28	200	20	160	18	8	3,18	200	20	160	18	8	3,18
DN 100	110	128	210	16	170	18	4	2,61	220	20	180	18	8	3,63	220	20	180	18	8	3,63
DN 100	125	135	210	16	170	18	4	2,43	220	20	180	18	8	3,40	220	20	180	18	8	3,40
DN 125	140	158	240	18	200	18	8	3,34	250	22	210	18	8	4,74	250	22	210	18	8	4,74
DN 150	160	178	265	18	225	18	8	3,99	285	22	240	22	8	6,20	285	22	240	22	8	6,20
DN 150	180	188	265	18	225	18	8	3,59	285	22	240	22	8	5,70	285	22	240	22	8	5,70
DN 200	200	235	320	20	280	18	8	5,50	340	24	295	22	8	8,37	340	24	295	22	12	8,08
DN 200	225	238	320	20	280	18	8	5,33	340	24	295	22	8	8,16	340	24	295	22	12	7,87
DN 250	250	288	375	22	335	18	12	7,30	395	26	350	22	12	10,8	405	26	355	26	12	11,7
DN 250	280	294	375	22	335	18	12	6,83	395	26	350	22	12	10,2	405	26	355	26	12	11,1
DN 300	315	338	440	22	395	22	12	10,0	445	26	400	22	12	12,5	460	28	410	26	12	15,4
DN 350	355	376	490	22	445	22	12	12,6	505	26	460	22	16	17,0	520	30	470	26	16	21,9
DN 400	400	430	540	22	495	22	16	13,4	565	26	515	26	16	19,8	580	32	525	30	16	27,1
DN 450	450	470	595	24	550	22	16	18,6	615	28	565	26	20	24,8	640	34	585	30	20	35,8
DN 500	500	533	645	24	600	22	20	18,1	670	28	620	26	20	26,1	715	34	650	33	20	43,1
DN 600	560	618	755	24	705	26	20	25,9	780	28	725	30	20	36,0	840	36	770	36	20	66,1
DN 600	630	645	755	24	705	26	20	20,8	780	28	725	30	20	30,1	840	36	770	36	20	58,6
DN 700	710	740	860	24	810	26	24	26,0	895	30	840	30	24	42,9	910	36	840	36	24	55,4
DN 800	800	843	975	24	920	30	24	32,3	1015	32	950	33	24	57,9	1025	38	950	39	24	71,2
DN 900	900	947	1075	26	1020	30	24	38,1	1115	34	1050	33	28	66,3	1125	40	1050	39	28	80,5
DN 1000	1000	1050	1175	28	1120	30	28	44,0	1230	34	1160	36	28	78,5	1255	42	1170	42	28	110,0
DN 1200	1200	1250	1405	28	1340	33	32	62,0	1455	38	1380	39	32	117,0	1485	48	1390	48	32	174,0
DN 1400	1400	1460	1630	32	1560	36	36	103,0	1675	42	1590	42	36	174,0	1685	52	1590	48	36	226,0
DN 1600	1600	1650	1830	32	1760	36	40	110,0	1915	46	1820	48	40	249,0	1930	58	1820	56	40	334,0

Tüm ölçüler mm. dir. | All dimensions are in mm.



DIN 86044 Egzost Boru Flanşları | Exhaust Flange DIN 86044



Ölçüler | Dimensions

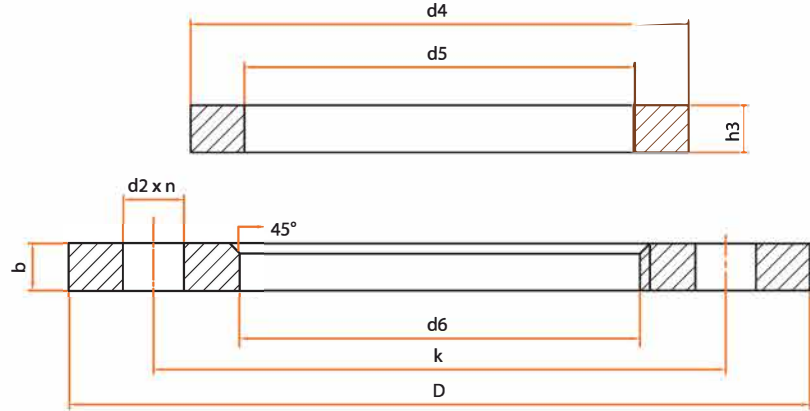
Ebat / Size	Flanş Ölçüleri / Flange Dimensions				Cıvata Ölçüsü / Bolt Dimensions			kg/ad / kg / pcs
	d	D	k	b	d2	Cıvata Çap / Bolt Dia	n	
DN 32	43,1	140	100	16	18	M16	4	1,8
DN 40	48,0	150	110	16	18	M16	4	2,0
DN 50	61,0	165	125	18	18	M16	4	2,6
DN 65	77,1	185	145	18	18	M16	4	3,2
DN 80	90,3	200	160	20	18	M16	8	3,9
DN 100	116,0	220	180	20	18	M16	8	4,3
DN 125	142,0	250	210	22	18	M16	8	5,8
DN 150	171,0	285	240	22	22	M16	8	7,1
DN 200	222,0	320	280	20	22	M16	8	6,0
DN 250	276,0	375	335	20	22	M16	12	7,3
DN 300	327,0	440	395	20	22	M20	12	9,8
DN 350	359,0	490	445	20	22	M20	12	12,6
DN 400	410,0	540	495	20	22	M20	16	14,0
DN 450	461,0	595	550	20	22	M20	16	16,1
DN 500	512,0	645	600	20	22	M20	20	17,5
DN 550	563,0	703	650	20	22	M20	20	21,9
DN 600	614,0	754	700	20	22	M20	20	23,6
DN 650	665,0	805	750	20	22	M20	20	25,4
DN 700	716,0	856	800	20	22	M20	24	27,1
DN 750	767,0	907	860	20	22	M20	24	28,9
DN 800	819,0	958	900	20	22	M20	24	30,7
DN 850	870,0	1010	950	20	22	M20	28	32,5
DN 900	920,0	1060	1010	20	22	M20	28	34,2
DN 950	970,0	1110	1060	20	22	M20	28	35,9
DN 1000	1022,0	1162	1110	20	22	M20	32	37,7
DN 1100	1126,0	1266	1210	20	22	M20	32	41,3
DN 1200	1226,0	1366	1310	20	22	M20	36	44,8
DN 1300	1326,0	1466	1410	20	22	M20	40	48,2
DN 1400	1426,0	1566	1510	20	22	M20	40	51,7
DN 1500	1526,0	1666	1610	20	22	M20	44	55,1
DN 1600	1626,0	1766	1710	20	22	M20	48	58,6
DN 1700	1726,0	1866	1810	20	22	M20	48	62,0
DN 1800	1826,0	1966	1910	20	22	M20	52	65,5
DN 1900	1926,0	2066	2010	20	22	M20	56	68,9
DN 2000	2026,0	2166	2110	20	22	M20	56	72,4
DN 2100	2126,0	2266	2210	20	22	M20	60	75,8
DN 2200	2226,0	2366	2310	20	22	M20	64	79,3
DN 2300	2326,0	2466	2410	20	22	M20	64	82,7
DN 2400	2426,0	2566	2510	20	22	M20	68	86,2
DN 2500	2526,0	2666	2610	20	22	M20	72	89,6
DN 2600	2626,0	2766	2710	20	22	M20	72	93,1
DN 2700	2726,0	2866	2810	20	22	M20	76	96,5
DN 2800	2826,0	2966	2910	20	22	M20	80	100,0
DN 2900	2926,0	3066	3010	20	22	M20	80	103,4
DN 3000	3026,0	3166	3110	20	22	M20	84	106,9

Tüm ölçüler mm. dir. | All dimensions are in mm.

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Döner (Gevşek) Flanş & Bilezik PN6 | Lapped (Lap Joint) Flange & Plain Collar PN6



TS EN1092-1 + A1 TYPE 2 & TYPE 32



DIN2641 PN 6

Ölçüler | Dimensions

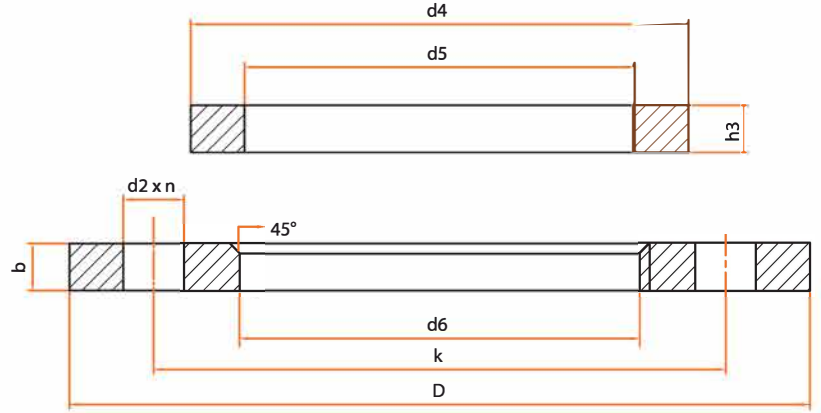
Boru / Pipe	Flanş / Flange				Yaka / Collar			Delikler / Drillings				Ağırlık / Weight	
Ebat Size	d6	D	b		d5	d4	h3	k	n	Vida Screw	d2	DIN / KG	
			EN 1092-1	DIN 2641								Flanş Flange	Yaka Collar
DN 15	21	80	12	10	22	40	10	55	4	M10	11	0,34	0,07
DN 20	31	90	14	10	27,5	50	10	65	4	M10	11	0,43	0,11
DN 25	38	100	14	12	34,5	60	10	75	4	M10	11	0,65	0,17
DN 32	47	120	16	12	43,5	70	10	90	4	M12	14	0,90	0,21
DN 40	53	130	16	12	49,5	80	10	100	4	M12	14	1,05	0,28
DN 50	65	140	16	12	61,5	90	12	110	4	M12	14	1,15	0,36
DN 65	81	160	16	12	77,5	110	12	130	4	M12	14	1,35	0,47
DN 80	94	190	18	14	90,5	128	12	150	4	M16	18	2,30	0,75
DN 100	120	210	18	14	116,0	148	14	170	4	M16	18	2,60	0,90
DN 125	145	240	20	14	141,5	178	14	200	8	M16	18	3,10	1,22
DN 150	174	265	20	14	170,5	202	14	225	8	M16	18	3,60	1,40
DN 200	226	320	22	16	221,5	258	16	280	8	M16	18	5,00	2,00
DN 250	281	375	24	20	276,5	312	18	335	12	M16	18	7,80	2,90
DN 300	333	440	24	24	327,5	365	18	395	12	M20	22	12,30	3,60
DN 350	365	490	26	26	359,5	415	18	445	12	M20	22	15,10	4,10
DN 400	416	540	28	28	411,0	465	20	495	16	M20	22	17,70	4,90
DN 450	467	595	30	30	462,0	520	20	550	16	M20	22	21,50	6,50
DN 500	519	645	30	30	513,5	570	22	600	20	M20	22	25,40	7,90
DN 600	622	755	32	36	616,5	670	22	705	20	M24	26	36,50	8,60
DN 700	721	860	40	40	718,0	775	24	810	24	M24	26	48,10	14,00
DN 800	824	975	44	44	819,0	880	24	920	24	M27	30	64,00	16,80
DN 900	926	1075	48	48	920,0	980	26	1020	24	M27	30	81,50	20,20
DN 1000	1028	1175	52	52	1022,0	1080	26	1120	28	M27	30	96,50	21,50
DN 1200	1234	1405	60	60	1228,0	1295	28	1340	32	M30	33	158,00	32,50

Tüm ölçüler mm. dir. | All dimensions are in mm.

Çelik ve paslanmaz üretilir. | Steel and stainless steel can be produce.



Döner (Gevşek) Flanş & Bilezik PN10 | Lapped (Lap Joint) Flange & Plain Collar PN10



TS EN1092-1 + A1 TYPE 2 & TYPE 32



DIN2642 PN 10

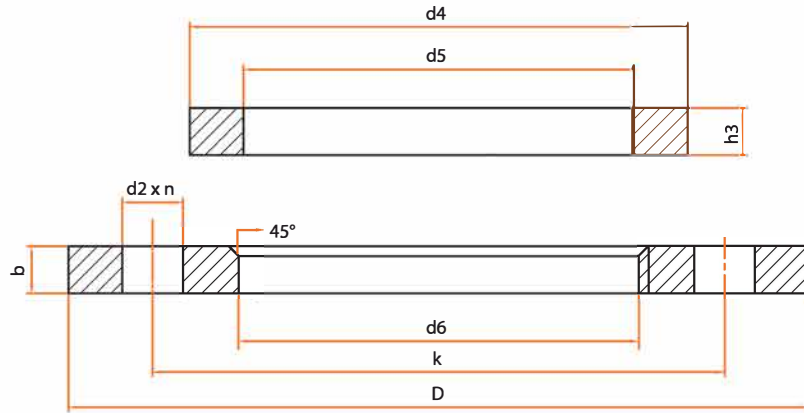
Ölçüler | Dimensions

Boru / Pipe	Flanş / Flange				Yaka / Collar			Delikler / Drillings				Ağırlık / Weight	
Ebat Size	d6	D	b		d5	d4	h3	k	n	Vida Screw	d2	DIN / KG	
			EN 1092-1	DIN 2642								Flanş Flange	Yaka Collar
DN 10	21	90	14	14	18,0	40	12	60	4	M12	14	0,45	0,09
DN 15	25	95	14	14	22,0	45	12	65	4	M12	14	0,58	0,09
DN 20	31	105	16	16	27,5	58	14	75	4	M12	14	0,91	0,11
DN 25	38	115	16	16	34,5	68	14	85	4	M12	14	1,08	0,22
DN 32	47	140	18	16	43,5	78	14	100	4	M16	18	1,59	0,30
DN 40	53	150	18	16	49,5	88	14	110	4	M16	18	1,81	0,36
DN 50	65	165	20	18	61,5	102	16	125	4	M16	18	2,41	0,46
DN 65	81	185	20	18	77,5	122	16	145	4	M16	18	2,92	0,65
DN 80	94	200	20	20	90,5	138	16	160	8	M16	18	3,52	0,88
DN 100	120	220	22	20	116,0	158	18	180	8	M16	18	3,87	1,07
DN 125	145	250	22	22	141,5	188	18	210	8	M16	18	5,27	1,28
DN 150	174	285	24	22	170,5	212	20	240	8	M20	22	6,38	1,70
DN 200	226	340	24	24	221,5	268	20	295	8	M20	22	8,97	2,71
DN 250	281	395	26	26	276,5	320	22	350	12	M20	22	11,42	3,41
DN 300	333	445	26	26	327,5	370	22	400	12	M20	22	13,03	3,91
DN 350	365	505	30	26	359,5	430	22	460	16	M20	22	18,27	7,37
DN 400	416	565	32	26	411,0	482	24	515	16	M24	26	21,89	9,19
DN 450	467	615	36	28	462,0	532	24	565	20	M24	26	25,30	10,10
DN 500	519	670	38	28	513,5	585	26	620	20	M24	26	28,65	12,38
DN 600	622	780	42	28	616,5	685	26	725	20	M27	30	35,12	13,87
DN 700	721	895	50	30	718,0	800	c	840	24	M27	30	47,99	-
DN 800	824	1016	56	32	819,0	905	c	950	24	M30	33	64,11	-
DN 900	926	1115	62	34	920,0	1005	c	1050	28	M30	33	74,43	-
DN 1000	1028	1230	70	34	1022,0	1110	c	1160	28	M33	36	87,96	-
DN 1200	1234	1455	83	38	1228,0	1330	c	1380	32	M36	39	127,7	-

Tüm ölçüler mm. dir. | All dimensions are in mm.

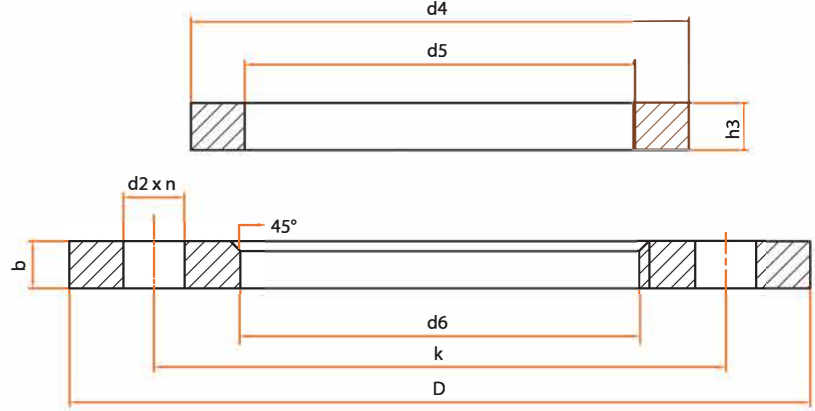
Çelik ve paslanmaz üretilebilir. | Steel and stainless steel can be produce.

"c" ölçüsü müşteri tarafından belirlenir. | "c" dimension is specified by customer.

[illegible]



Döner (Gevşek) Flanş & Bilezik PN25 | Lapped (Lap Joint) Flange & Plain Collar PN25



TS EN1092-1 + A1 TYPE 2 & TYPE 32



DIN2655 PN 25

Ölçüler | Dimensions

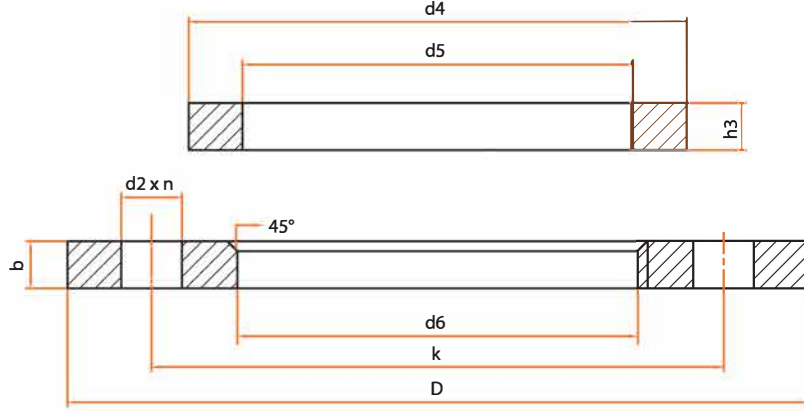
Boru / Pipe	Flanş / Flange				Yaka / Collar			Delikler / Drillings				Ağırlık / Weight	
Ebat Size	d6	D	b		d5	d4	h3	k	n	Vida Screw	d2	DIN / KG	
			EN 1092-1	DIN 2655								Flanş Flange	Yaka Collar
DN 10	21	90	14	16	18,0	40	12	60	4	M12	14	0,45	0,09
DN 15	25	95	14	16	22,0	45	12	65	4	M12	14	0,58	0,11
DN 20	31	105	16	18	27,5	58	14	75	4	M12	14	0,91	0,22
DN 25	38	115	16	18	34,5	68	14	85	4	M12	14	1,08	0,30
DN 32	47	140	18	18	43,5	78	14	100	4	M16	18	1,59	0,36
DN 40	53	150	18	18	49,5	88	14	110	4	M16	18	1,81	0,46
DN 50	65	165	20	20	61,5	102	16	125	4	M16	18	2,67	0,65
DN 65	81	185	22	22	77,5	122	16	145	8	M16	18	3,40	0,88
DN 80	94	200	24	24	90,5	138	18	160	8	M16	18	4,23	1,20
DN 100	120	235	26	24	116,0	162	20	190	8	M20	22	5,47	1,58
DN 125	145	270	28	26	141,5	188	22	220	8	M24	26	7,44	2,08
DN 150	174	300	30	28	170,5	218	22	250	8	M24	26	9,37	2,50
DN 200	226	360	32	30	221,5	278	24	310	12	M24	26	13,02	4,17
DN 250	281	425	35	32	276,5	335	26	370	12	M27	30	17,92	5,73
DN 300	333	485	38	34	327,5	395	28	430	16	M27	30	23,03	8,41
DN 350	365	555	42	38	359,5	450	32	490	16	M30	33	36,85	14,45
DN 400	416	620	48	40	411,0	505	34	550	16	M33	36	46,98	18,04
DN 450	467	670	54	42	462,0	550	34	600	20	M33	36	56,03	19,82
DN 500	519	730	58	44	513,5	615	36	660	20	M33	36	64,43	25,41
DN 600	622	845	68	46	616,5	720	38	770	20	M36	39	85,39	32,39

Tüm ölçüler mm. dir. | All dimensions are in mm.

Çelik ve paslanmaz üretilebilir. | Steel and stainless steel can be produce.



Döner (Gevşek) Flanş & Bilezik PN40 | Lapped (Lap Joint) Flange & Plain Collar PN40



TS EN1092-1 + A1 TYPE 2 & TYPE 32



DIN2656 PN 40

Ölçüler | Dimensions

Boru / Pipe	Flanş / Flange				Yaka / Collar			Delikler / Drillings				Ağırlık / Weight	
Ebat Size	d6	D	b		d5	d4	h3	k	n	Vida Screw	d2	DIN / KG	
			EN 1092-1	DIN 2656								Flanş Flange	Yaka Collar
DN 10	21	90	14	16	18,0	40	12	60	4	M12	14	0,45	0,09
DN 15	25	95	14	16	22,0	45	12	65	4	M12	14	0,58	0,11
DN 20	31	105	16	18	27,5	58	14	75	4	M12	14	0,91	0,22
DN 25	38	115	16	18	34,5	68	14	85	4	M12	14	1,08	0,30
DN 32	47	140	18	18	43,5	78	14	100	4	M16	18	1,59	0,36
DN 40	53	150	18	18	49,5	88	14	110	4	M16	18	1,81	0,46
DN 50	65	165	20	20	61,5	102	16	125	4	M16	18	2,67	0,65
DN 65	81	185	22	22	77,5	122	16	145	8	M16	18	3,40	0,88
DN 80	94	200	24	24	90,5	138	18	160	8	M16	18	4,23	1,20
DN 100	120	235	26	24	116,0	162	20	190	8	M20	22	5,47	1,58
DN 125	145	270	28	26	141,5	188	22	220	8	M24	26	7,44	2,08
DN 150	174	300	30	28	170,5	218	22	250	8	M24	26	9,37	2,50
DN 200	226	375	36	34	221,5	285	26	320	12	M27	30	16,50	3,42
DN 250	281	450	42	38	276,5	345	30	385	12	M30	33	25,90	5,45
DN 300	333	515	52	42	327,5	410	34	450	16	M30	33	35,40	9,09
DN 350	365	580	58	46	359,5	465	38	510	16	M33	36	51,70	15,50
DN 400	416	660	65	50	411,0	535	42	585	16	M36	39	73,40	24,06
DN 450	467	685	c	50	462,0	560	c	610	20	M36	39	70,70	-
DN 500	519	755	c	52	513,5	615	c	670	20	M39	42	85,00	-
DN 600	622	890	c	56	616,5	735	c	795	20	M45	48	123,90	-

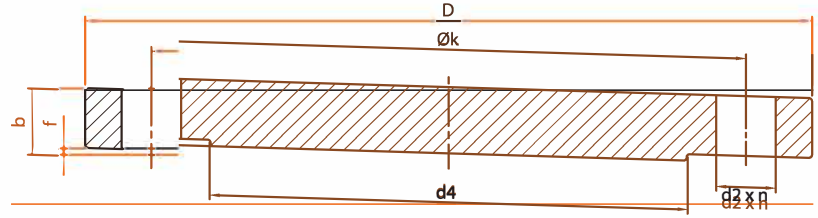
Tüm ölçüler mm. dir. | All dimensions are in mm.

Çelik ve paslanmaz üretilir. | Steel and stainless steel can be produce.

"c" ölçüsü müşteri tarafından belirlenir. | "c" dimension is specified by customer.



PN 2,5 RF Kör Flanş | PN 2,5 RF Blind Flange



DIN2527 PN 2,5



EN1092-1 + A1 TYPE 5

Ölçüler | Dimensions

Ebat Size	Flanş Ölçüleri / Flange Dimensions						Civata Ölçüsü / Bolt Dimensions			Ağırlık / Weight	
	k	D	f	d4	b		d2	M	n	EN 1092-1 kg/ad kg/pcs	DIN 2527 kg/ad kg/pcs
					EN 1092-1	DIN 2527					
DN 15	55	80	2	40	12	12	11	M10	4	0,41	0,41
DN 20	65	90	2	50	14	14	11	M10	4	0,62	0,62
DN 25	75	100	2	60	14	14	11	M10	4	0,78	0,78
DN 32	90	120	3	70	14	14	14	M12	4	1,10	1,10
DN 40	100	130	3	80	14	14	14	M12	4	1,30	1,30
DN 50	110	140	3	90	14	14	14	M12	4	1,50	1,50
DN 65	130	160	3	110	14	14	14	M12	4	1,90	1,90
DN 80	150	190	3	128	16	16	18	M16	4	3,20	3,20
DN 100	170	210	3	148	16	16	18	M16	4	3,90	3,90
DN 125	200	240	3	178	18	18	18	M16	8	5,90	5,90
DN 150	225	265	3	202	18	18	18	M16	8	7,20	7,20
DN 200	280	320	3	258	20	20	18	M16	8	11,90	11,90
DN 250	335	375	3	312	22	22	18	M16	12	18,20	18,20
DN 300	395	440	4	365	22	22	22	M20	12	24,70	24,70
DN 350	445	490	4	415	22	22	22	M20	12	30,90	30,90
DN 400	495	540	4	465	22	22	22	M20	16	37,70	37,70
DN 450	550	595	4	520	24	22	22	M20	16	50,20	45,90
DN 500	600	645	4	570	24	24	22	M20	20	59,30	59,00
DN 600	705	755	5	670	30	24	26	M24	20	102,00	-
DN 700	810	860	5	775	40	24	26	M24	24	178,00	-
DN 800	920	975	5	880	44	24	30	M27	24	252,00	-
DN 900	1020	1075	5	980	48	26	30	M27	24	336,00	-
DN 1000	1120	1175	5	1080	52	26	30	M27	28	436,00	-
DN 1200	1320	1375	5	-	52	c	30	M27	32	721,00	-
DN 1400	1520	1575	5	-	c	c	30	M27	36	-	-
DN 1600	1730	1790	5	-	c	c	30	M27	40	-	-
DN 1800	1930	1990	5	-	c	c	30	M27	44	-	-
DN 2000	2130	2190	5	-	c	c	30	M27	48	-	-

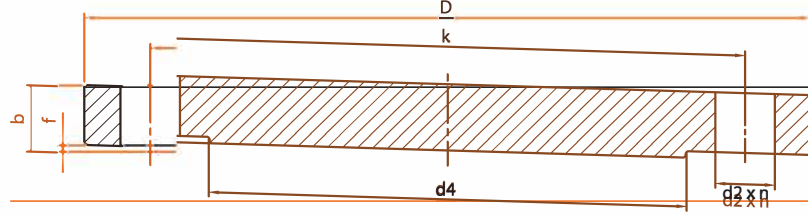
Tüm ölçüler mm. dir. | All dimensions are in mm.

DN 3000'e kadar imalat yapılabilir. | DN 3000 manufacturing is done.

"c" ölçüsü müşteri tarafından belirlenir. | "c" dimension is specified by customer.



PN 6 RF Kör Flanş | PN 6 RF Blind Flange



DIN2527 PN 6



TS EN1092-1 + A1 TYPE 5

Ölçüler | Dimensions

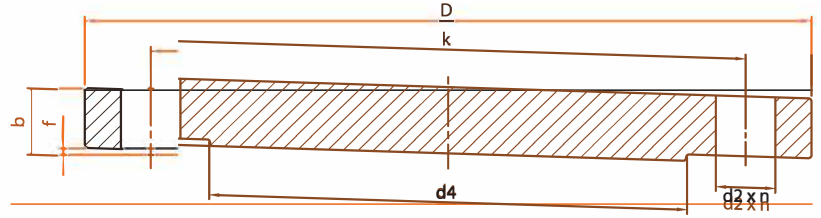
Boru / Pipe	Flanş / Flange			Alın / Raised Face		Delikler / Drillings				Ağırlık / Weight
Ebat Size	D	b		d4	f	k	n	Vida Screw	d2	DIN / kg
		EN 1092-1	DIN							
DN 10	75	12	12	35	2	50	4	M10	11	0,35
DN 15	80	12	12	40	2	55	4	M10	11	0,43
DN 20	90	14	14	50	2	65	4	M10	11	0,56
DN 25	100	14	14	60	2	75	4	M10	11	0,70
DN 32	120	14	14	70	2	90	4	M12	14	1,17
DN 40	130	14	14	80	2	100	4	M12	14	1,39
DN 50	140	14	14	90	2	110	4	M12	14	1,62
DN 65	160	14	14	110	2	130	4	M12	14	2,15
DN 80	190	16	16	128	2	150	4	M16	18	3,43
DN 100	210	16	16	148	2	170	4	M16	18	4,22
DN 125	240	18	18	178	2	200	8	M16	18	5,42
DN 150	265	18	18	202	2	225	8	M16	18	7,50
DN 200	320	20	20	258	2	280	8	M16	18	12,30
DN 250	375	22	22	312	2	335	12	M16	18	18,54
DN 300	440	22	22	365	2	395	12	M20	22	25,46
DN 350	490	22	22	415	2	445	12	M20	22	31,75
DN 400	540	22	22	465	2	495	16	M20	22	38,48
DN 450	595	24	24	520	3	550	16	M20	22	51,20
DN 500	645	24	24	570	3	600	20	M20	22	60,10
DN 600	755	30	24	670	3	705	20	M24	26	82,30
DN 700	860	40	24	775	3	810	24	M24	26	106,98
DN 800	975	44	24	880	3	920	24	M27	30	137,40
DN 900	1075	48	26	980	3	1020	24	M27	30	181,70
DN 1000	1175	52	26	1080	3	1120	28	M27	30	217,16
DN 1200	1405	60	28	1295	5	1340	32	M30	33	334,50
DN 1400	1630	68	32	1510	5	1560	36	M33	36	514,70
DN 1600	1830	76	34	1710	5	1760	40	M33	36	690,80
DN 1800	2045	84	36	1920	5	1970	44	M36	39	912,90
DN 2000	2265	92	38	2125	5	2180	48	M39	42	1,181,00

Tüm ölçüler mm. dir. | All dimensions are in mm.

Çelik ve paslanmaz üretilir. | Steel and stainless steel can be produce.



PN 10 RF Kör Flanş | PN 10 RF Blind Flange



DIN2527 PN 10



TS EN1092-1 + A1 TYPE 5

Ölçüler | Dimensions

Boru / Pipe	Flanş / Flange			Alın / Raised Face		Delikler / Drillings				Ağırlık / Weight
Ebat Size	D	b		d4	f	k	n	Vida Screw	d2	DIN / kg
		EN 1092-1	DIN							
DN 10	90	16	14	40	2	60	4	M12	14	0,58
DN 15	95	16	14	45	2	65	4	M12	14	0,63
DN 20	105	18	16	58	2	75	4	M12	14	0,88
DN 25	115	18	16	68	2	85	4	M12	14	1,23
DN 32	140	18	16	78	2	100	4	M16	18	1,80
DN 40	150	18	16	88	3	110	4	M16	18	2,09
DN 50	165	18	18	102	3	125	4	M16	18	2,56
DN 65	185	18	18	122	3	145	4	M16	18	3,65
DN 80	200	20	20	138	3	160	8	M16	18	4,15
DN 100	220	20	20	158	3	180	8	M16	18	5,65
DN 125	250	22	22	188	3	210	8	M16	18	7,38
DN 150	285	22	22	212	3	240	8	M20	22	10,49
DN 200	340	24	24	268	3	295	8	M20	22	15,15
DN 250	395	26	26	320	3	350	12	M20	22	22,22
DN 300	445	26	26	370	4	400	12	M20	22	30,80
DN 350	505	26	26	430	4	460	16	M20	22	39,62
DN 400	565	26	26	482	4	515	16	M24	26	49,41
DN 450	615	28	28	532	4	565	20	M24	26	58,43
DN 500	670	28	28	585	4	620	20	M24	26	75,12
DN 600	780	34	28	685	5	725	20	M27	30	101,87
DN 700	895	38	30	800	5	840	24	M27	30	144,00
DN 800	1015	48	32	905	5	950	24	M30	33	198,00
DN 900	1115	50	34	1005	5	1050	28	M30	33	254,00
DN 1000	1230	54	34	1110	5	1160	28	M33	36	309,37
DN 1200	1455	66	38	1330	5	1380	32	M36	39	484,34
DN 1400	1675	c	42	1535	5	1590	36	M39	42	709,70
DN 1600	1915	c	46	1760	5	1820	40	M45	48	1,013,40
DN 1800	2115	c	50	1960	5	2020	44	M45	48	1,349,86
DN 2000	2325	c	54	2170	5	2230	48	M45	48	1,761,98

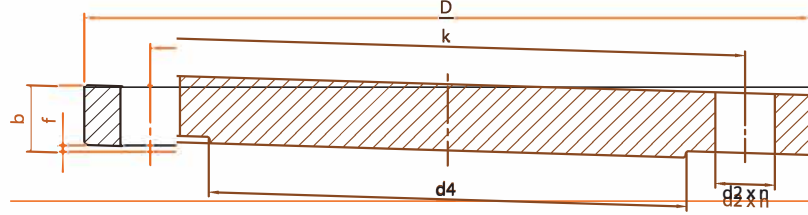
Tüm ölçüler mm. dir. | All dimensions are in mm.

Çelik ve paslanmaz üretilir. | Steel and stainless steel can be produce.

"c" ölçüsü müşteri tarafından belirlenir. | "c" dimension is specified by customer.



PN 16 RF Kör Flanş | PN 16 RF Blind Flange



DIN2527 PN 16



TS EN1092-1 + A1 TYPE 5

Ölçüler | Dimensions

Boru / Pipe	Flanş / Flange			Alın / Raised Face		Delikler / Drillings				Ağırlık / Weight
Ebat Size	D	b		d4	f	k	n	Vida Screw	d2	DIN / kg
		EN 1092-1	DIN							
DN 10	90	16	14	40	2	60	4	M12	14	0,5
DN 15	95	16	14	45	2	65	4	M12	14	0,6
DN 20	105	18	16	58	2	75	4	M12	14	0,9
DN 25	115	18	16	68	2	85	4	M12	14	1,1
DN 32	140	18	16	78	2	100	4	M16	18	1,8
DN 40	150	18	16	88	3	110	4	M16	18	2,1
DN 50	165	18	18	102	3	125	4	M16	18	2,9
DN 65	185	18	18	122	3	145	4	M16	18	3,7
DN 80	200	20	20	138	3	160	8	M16	18	4,6
DN 100	220	20	20	158	3	180	8	M16	18	5,6
DN 125	250	22	22	188	3	210	8	M16	18	8,1
DN 150	285	22	22	212	3	240	8	M20	22	10,5
DN 200	340	24	24	268	3	295	12	M20	22	16,2
DN 250	405	26	26	320	3	355	12	M24	26	25,0
DN 300	460	28	28	378	4	410	12	M24	26	35,1
DN 350	520	30	30	438	4	470	16	M24	26	48,0
DN 400	580	32	32	490	4	525	16	M27	30	63,5
DN 450	640	40	34	550	4	585	20	M27	30	82,0
DN 500	715	44	34	610	4	650	20	M30	33	102,5
DN 600	840	54	36	725	5	770	20	M33	36	150,8
DN 700	910	58	36	795	5	840	24	M33	36	176,8
DN 800	1025	62	38	900	5	950	24	M36	39	237,5
DN 900	1125	64	40	1000	5	1050	28	M36	39	301,5
DN 1000	1255	68	42	1115	5	1170	28	M39	42	394,9
DN 1200	1485	c	48	1330	5	1390	32	M45	48	630,0
DN 1400	1685	c	52	1530	5	1590	36	M45	48	883,0
DN 1600	1930	c	58	1750	5	1820	40	M52	56	1,286,0
DN 1800	2130	c	62	1950	5	2020	44	M52	56	1,680,0
DN 2000	2345	c	66	2150	5	2230	48	M56	62	2,161,0

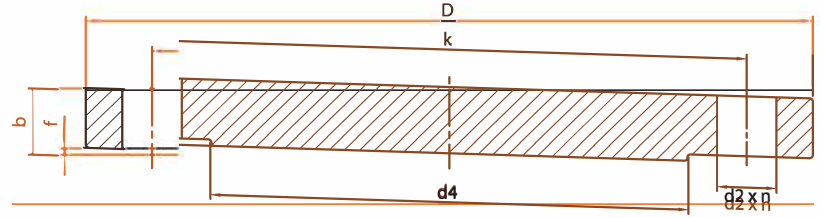
Tüm ölçüler mm. dir. | All dimensions are in mm.

Çelik ve paslanmaz üretilir. | Steel and stainless steel can be produce.

"c" ölçüsü müşteri tarafından belirlenir. | "c" dimension is specified by customer.



PN 25 RF Kör Flanş | PN 25 RF Blind Flange



DIN2527 PN 25



TS EN1092-1 + A1 TYPE 5

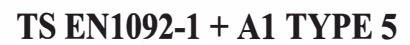
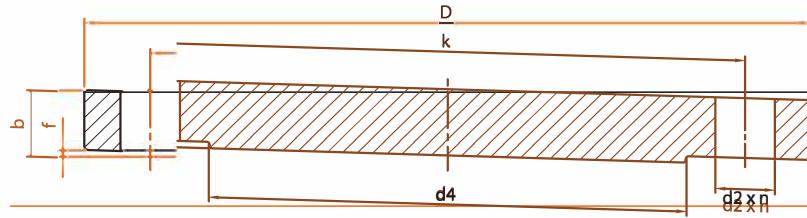
Ölçüler | Dimensions

Boru / Pipe	Flanş / Flange			Alın / Raised Face		Delikler / Drillings				Ağırlık / Weight
Ebat Size	D	b		d4	f	k	n	Vida Screw	d2	DIN / kg
		EN 1092-1	DIN							
DN 10	90	16	16	40	2	60	4	M12	14	0,7
DN 15	95	16	16	45	2	65	4	M12	14	0,8
DN 20	105	18	18	58	2	75	4	M12	14	1,0
DN 25	115	18	18	68	2	85	4	M12	14	1,4
DN 32	140	18	18	78	2	100	4	M16	18	2,0
DN 40	150	18	18	88	3	110	4	M16	18	2,4
DN 50	165	20	20	102	3	125	4	M16	18	3,2
DN 65	185	22	22	122	3	145	8	M16	18	4,3
DN 80	200	24	24	138	3	160	8	M16	18	5,5
DN 100	235	24	24	162	3	190	8	M20	22	7,6
DN 125	270	26	26	188	3	220	8	M24	26	10,8
DN 150	300	28	28	218	3	250	8	M24	26	14,6
DN 200	360	30	30	278	3	310	12	M24	26	22,4
DN 250	425	32	32	335	3	370	12	M27	30	33,5
DN 300	485	34	34	395	4	430	16	M27	30	46,2
DN 350	555	38	38	450	4	490	16	M30	33	68,0
DN 400	620	40	40	505	4	550	16	M33	36	89,6
DN 450	670	50	42	555	4	600	20	M33	36	109,4
DN 500	730	51	44	615	4	660	20	M33	36	137,4
DN 600	845	66	46	720	5	770	20	M36	39	195,0
DN 700	960	c	46	820	5	875	24	M39	42	260,0
DN 800	1085	c	50	930	5	990	24	M45	48	345,6
DN 900	1185	c	54	1030	5	1090	28	M45	48	445,8
DN 1000	1320	c	58	1140	5	1210	28	M52	56	591,3
DN 1200	1530	c	c	1350	5	1420	32	M52	56	-
DN 1400	1755	c	c	1560	5	1640	36	M56	62	-
DN 1600	1975	c	c	1780	5	1860	40	M56	62	-
DN 1800	2195	c	c	1985	5	2070	44	M64	70	-
DN 2000	2425	c	c	2210	5	2300	48	M64	70	-

Tüm ölçüler mm. dir. | All dimensions are in mm.

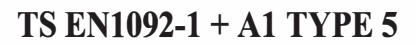
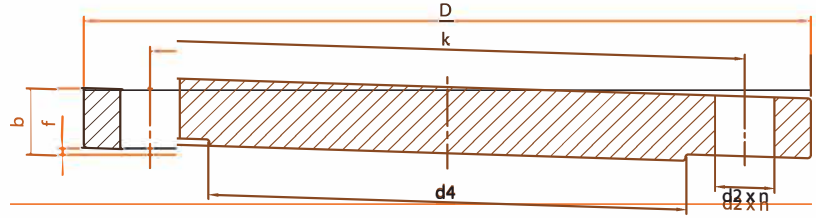
Çelik ve paslanmaz üretilebilir. | Steel and stainless steel can be produce.

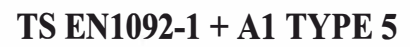
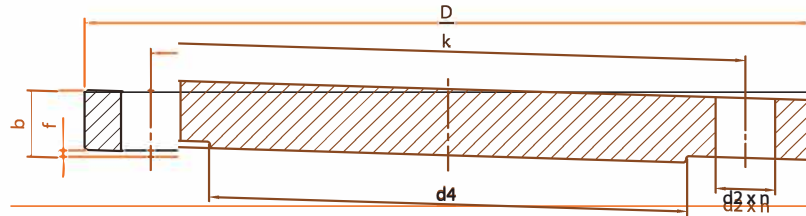
"c" ölçüsü müşteri tarafından belirlenir. | "c" dimension is specified by customer.



Ölçüler | Dimensions

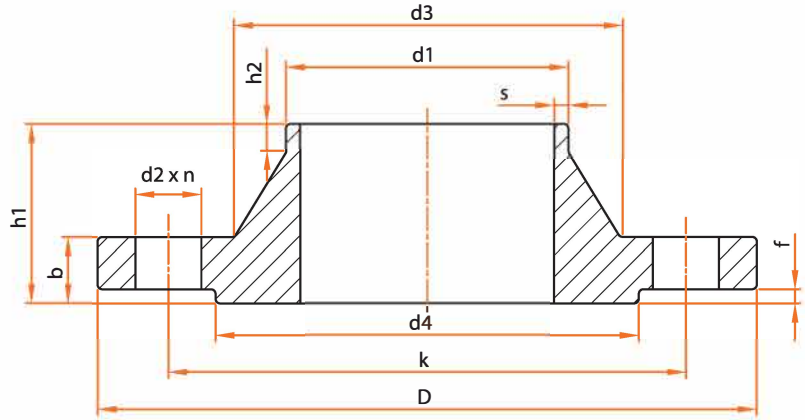
Tüm ölçüler mm. dir. | All dimensions are in mm.
Çelik ve paslanmaz üretilir. | Steel and stainless steel can be produced.







PN 6 RF Kaynak Boyunlu Flanş | PN 6 RF Welding Neck Flange



DIN2631



EN1092-1/11

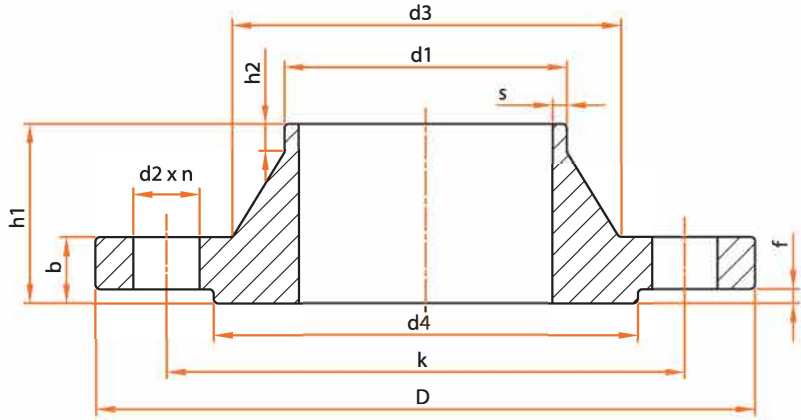
Ölçüler | Dimensions

Ebat Size	Flanş Ölçüleri / Flange Dimensions							Boyun / Neck				Fatura / Raised Face		Cıvata / Bolt			EN Ağırlık Weight kg/ad kg/pcs	DIN Ağırlık Weight kg/ad kg/pcs
	d1	k	D	b		h1		d3	s	r	h2	d4	f	d2	m	n		
				EN	DIN	EN	DIN											
DN 15	21,3	55	80	12	12	30	30	30	2	4	6	40	2	11	M10	4	0,40	0,40
DN 20	26,9	65	90	14	14	32	32	38	2,3	4	6	50	2	11	M10	4	0,62	0,62
DN 25	33,7	75	100	14	14	35	35	42	2,6	4	6	60	2	11	M10	4	0,76	0,76
DN 32	42,4	90	120	14	14	35	35	55	2,6	6	6	70	2	14	M12	4	1,08	1,08
DN 40	48,3	100	130	14	14	38	38	62	2,6	6	7	80	3	14	M12	4	1,23	1,23
DN 50	60,3	110	140	14	14	38	38	74	2,9	6	8	90	3	14	M12	4	1,41	1,41
DN 65	76,1	130	160	14	14	38	38	88	2,9	6	9	110	3	14	M12	4	1,75	1,75
DN 80	88,9	150	190	16	16	42	42	102	3,2	8	10	128	3	18	M16	4	2,80	2,80
DN 100	114,3	170	210	16	16	45	45	130	3,6	8	10	148	3	18	M16	4	3,33	3,33
DN 125	139,7	200	240	18	18	48	48	155	4	8	10	178	3	18	M16	8	4,57	4,57
DN 150	168,3	225	265	18	18	48	48	184	4,5	10	12	202	3	18	M16	8	5,25	5,25
DN 200	219,1	280	320	20	20	55	55	236	6,3	10	15	258	3	18	M16	8	8,40	8,40
DN 250	273,0	335	375	22	22	60	60	290	6,3	12	15	312	3	18	M16	12	11,30	11,30
DN 300	323,9	395	440	22	22	62	62	342	7,1	12	15	365	4	22	M20	12	14,80	14,80
DN 350	355,6	445	490	22	22	62	62	385	7,1	12	15	415	4	22	M20	12	19,60	19,60
DN 400	406,4	495	540	22	22	65	65	438	7,1	12	15	465	4	22	M20	16	22,50	22,50
DN 450	457,0	550	595	22	22	65	65	492	7,1	12	15	520	4	22	M20	16	26,30	26,30
DN 500	508,0	600	645	24	24	68	68	538	7,1	12	15	570	4	22	M20	20	30,20	30,20
DN 600	610,0	705	755	30	24	70	70	640	7,1	12	16	670	5	26	M24	20	42,80	31,50
DN 700	711,0	810	860	30	24	76	70	740	8	12	16	775	5	26	M24	24	53,00	37,40
DN 800	813,0	920	975	30	24	76	70	842	8	12	16	880	5	30	M27	24	63,70	46,10
DN 900	914,0	1020	1075	34	26	76	70	942	8	12	16	980	5	30	M27	24	78,30	55,60
DN 1000	1016,0	1120	1175	38	26	82	70	1045	8	16	16	1080	5	30	M27	28	94,40	62,00
DN 1100	1116,0	1240	1305	40	28	95	80	1146	8	16	20	1200	5	30	M27	28	132,00	92,00
DN 1200	1220,0	1340	1405	42	28	104	90	1248	8,8	16	20	1295	5	33	M30	32	149,00	100,00
DN 1300	1320,0	1450	1520	50	30	110	90	1350	9	16	20	1405	5	36	M33	32	200,00	135,00
DN 1400	1420,0	1560	1630	56	32	114	90	1452	9	16	20	1510	5	36	M33	36	246,00	149,00
DN 1500	1524,0	1660	1730	60	32	115	90	1554	9	16	20	1615	5	36	M33	36	275,00	162,00
DN 1600	1620,0	1760	1830	63	34	119	90	1655	10	16	20	1710	5	36	M33	40	317,00	180,00
DN 1800	1820,0	1970	2045	69	36	133	100	1855	11	16	20	1920	5	39	M36	44	419,00	225,00
DN 2000	2020,0	2180	2265	74	38	146	110	2058	12,7	16	25	2125	5	42	M39	48	551,00	295,00

Tüm ölçüler mm. dir. | All dimensions are in mm.



PN 10 RF Kaynak Boyunlu Flanş | PN 10 RF Welding Neck Flange



DIN2632



EN1092-1/11

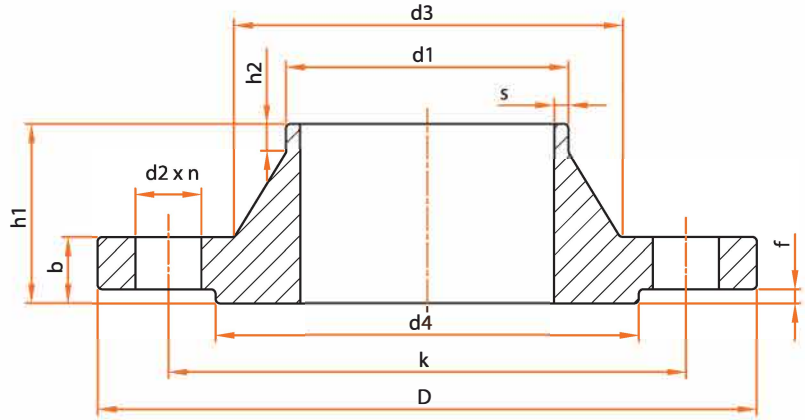
Ölçüler | Dimensions

Ebat Size	Flanş Ölçüleri / Flange Dimensions							Boyun / Neck					Fatura / Raised Face		Cıvata / Bolt			EN Ağırlık Weight kg/ad kg/pcs	DIN Ağırlık Weight kg/ad kg/pcs
	d1	k	D	b		h1		d3 EN	d3 DIN	s	r	h2	d4	f	d2	m	n		
				EN	DIN	EN	DIN												
DN 15	21,3	65	95	16	14	38	35	32	32	2	4	6	45	2	14	M12	4	0,77	0,67
DN 20	26,9	75	105	18	16	40	38	40	40	2,3	4	6	58	2	14	M12	4	1,09	0,97
DN 25	33,7	85	115	18	16	40	38	46	46	2,6	4	6	68	2	14	M12	4	1,31	1,16
DN 32	42,4	100	140	18	16	42	40	56	56	2,6	6	6	78	2	18	M16	4	1,89	1,68
DN 40	48,3	110	150	18	16	45	42	64	64	2,6	6	7	88	3	18	M16	4	2,13	1,88
DN 50	60,3	125	165	18	18	45	45	75	75	2,9	6	8	102	3	18	M16	4	2,54	2,54
DN 65	76,1	145	185	18	18	45	45	92	90	2,9	6	10	122	3	18	M16	8	3,02	2,99
DN 80	88,9	160	200	20	20	50	50	105	105	3,2	8	10	138	3	18	M16	8	3,93	3,93
DN 100	114,3	180	220	20	20	52	52	131	131	3,6	8	12	158	3	18	M16	8	4,57	4,57
DN 125	139,7	210	250	22	22	55	55	156	156	4	8	12	188	3	18	M16	8	6,25	6,25
DN 150	168,3	240	285	22	22	55	55	184	184	4,5	8	12	212	3	22	M20	8	7,62	7,62
DN 200	219,1	295	340	24	24	62	62	235	235	5,9	10	16	268	3	22	M20	8	11,50	11,50
DN 250	273,0	350	395	26	26	68	68	292	292	6,3	12	16	320	3	22	M20	12	15,50	15,50
DN 300	323,9	400	445	26	26	68	68	344	344	7,1	12	16	370	4	22	M20	12	18,20	18,20
DN 350	355,6	460	505	26	26	68	68	390	385	7,1	12	16	430	4	22	M20	16	25,30	24,80
DN 400	406,4	515	565	26	26	72	72	445	440	7,1	12	16	482	4	26	M24	16	30,80	30,20
DN 450	457,0	565	615	28	26	72	74	500	500	7,1	12	16	532	4	26	M24	20	34,90	34,90
DN 500	508,0	620	670	28	28	75	75	548	542	7,1	12	16	585	4	26	M24	20	41,00	40,10
DN 600	610,0	725	780	30	28	82	80	670	642	7,1	12	18	685	5	30	M27	20	58,70	48,80
DN 700	711,0	840	895	35	30	85	80	755	745	8	12	18	800	5	30	M27	24	77,70	65,10
DN 800	813,0	950	1015	38	32	96	90	855	850	8	12	18	905	5	33	M30	24	104,00	87,30
DN 900	914,0	1050	1115	38	34	99	95	955	950	10	12	20	1005	5	33	M30	28	124,00	106,70
DN 1000	1016,0	1160	1230	44	34	105	95	1058	1052	10	16	20	1110	5	36	M33	28	162,00	123,30
DN 1100	1116,0	1270	1340	50	36	120	105	1160	1155	11	16	20	1218	5	36	M33	32	211,00	155,00
DN 1200	1220,0	1380	1455	55	38	132	115	1262	1255	11	16	25	1330	5	39	M36	32	261,00	185,00
DN 1300	1320,0	1490	1575	60	38	138	118	1364	1358	12	16	25	1440	5	42	M39	32	326,00	219,80
DN 1400	1420,0	1590	1675	65	42	143	120	1465	1460	12	16	25	1535	5	42	M39	36	381,00	253,90
DN 1500	1524,0	1700	1785	70	44	150	125	1566	1564	13	16	25	1648	5	42	M39	36	454,00	296,10
DN 1600	1620,0	1820	1915	75	46	159	130	1668	1665	14	16	25	1760	5	48	M45	40	567,00	365,50
DN 1800	1820,0	2020	2115	85	50	175	140	1870	1868	15	16	30	1960	5	48	M45	44	727,00	453,10
DN 2000	2020,0	2230	2325	90	54	186	150	2072	2072	16	16	30	2170	5	48	M45	48	880,00	568,20
DN 2200	2220,0	2440	2550	100	58	202	160	2275	2275	18	18	35	2370	5	52	M52	56	1085,00	720,70
DN 2400	2420,0	2650	2760	110	62	218	170	2478	2478	20	18	35	2570	5	56	M52	56	1345,00	876,60
DN 2600	2620,0	2850	2960	110	66	224	180	2680	2680	22	18	40	2780	5	60	M52	56	1604,00	1030,40
DN 2800	2820,0	3070	3180	124	70	244	190	2882	2882	22	18	40	3000	5	64	M52	56	2022,00	1225,90
DN 3000	3020,0	3290	3405	132	75	257	200	3085	3085	24	18	45	3210	5	68	M58	62	2529,00	1488,80

Tüm ölçüler mm. dir. | All dimensions are in mm.



PN 16 RF Kaynak Boyunlu Flanş | PN 16 RF Welding Neck Flange



DIN2633



EN1092-1/11

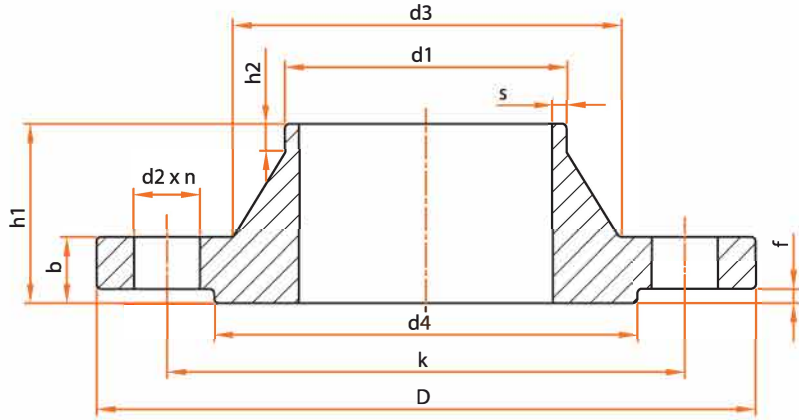
Ölçüler | Dimensions

Ebat Size	Flanş Ölçüleri / Flange Dimensions							Boyun / Neck				Fatura / Raised Face		Cıvata / Bolt			EN Ağırlık Weight kg/ad kg/pcs	DIN Ağırlık Weight kg/ad kg/pcs
	d1	k	D	b		h1		d3 EN	s	r	h2	d4	f	d2	m	n		
				EN	DIN	EN	DIN											
DN 15	21,3	65	95	16	14	38	35	32	2,0	4	6	45	2	14	M12	4	0,77	0,67
DN 20	26,9	75	105	18	16	40	38	40	2,3	4	6	58	2	14	M12	4	1,09	0,97
DN 25	33,7	85	115	18	16	40	38	46	2,6	4	6	68	2	14	M12	4	1,31	1,15
DN 32	42,4	100	140	18	16	42	40	56	2,6	6	6	78	2	18	M16	4	1,89	1,68
DN 40	48,3	110	150	18	16	45	42	64	2,6	6	7	88	3	18	M16	4	2,13	1,88
DN 50	60,3	125	165	18	18	45	45	75	2,9	6	8	102	3	18	M16	4	2,53	2,53
DN 65	76,1	145	185	18	18	45	45	90	2,9	6	10	122	3	18	M16	8	3,02	3,02
DN 80	88,9	160	200	20	20	50	50	105	3,2	6	10	138	3	18	M16	8	3,93	3,93
DN 100	114,3	180	220	20	20	52	52	131	3,6	8	12	158	3	18	M16	8	4,57	4,57
DN 125	139,7	210	250	22	22	55	55	156	4,0	8	12	188	3	18	M16	8	6,25	6,25
DN 150	168,3	240	285	22	22	55	55	184	4,5	10	12	212	3	22	M20	8	7,62	7,62
DN 200	219,1	295	340	24	24	62	62	235	6,3	10	16	268	3	22	M20	12	11,30	11,30
DN 250	273,0	355	405	26	26	70	70	292	6,3	12	16	320	3	26	M24	12	16,40	16,40
DN 300	323,9	410	460	28	28	78	78	344	7,1	12	16	378	4	26	M24	12	21,90	21,90
DN 350	355,6	470	520	30	30	82	82	390	8,0	12	16	438	4	26	M24	16	32,70	32,70
DN 400	406,4	525	580	32	32	85	85	445	8,0	12	16	490	4	30	M27	16	41,00	41,00
DN 450	457,0	585	640	34	32	83	88	490	8,0	12	16	550	4	30	M27	20	48,20	47,50
DN 500	508,0	650	715	36	34	84	90	548	8,0	12	16	610	4	33	M30	20	63,00	61,70
DN 600	610,0	770	840	40	36	88	95	670	10,0	12	18	725	5	36	M33	20	95,50	85,60
DN 700	711,0	840	910	40	36	104	100	755	10,0	12	18	795	5	36	M33	24	98,00	88,00
DN 800	813,0	950	1025	41	38	108	105	855	12,5	12	20	900	5	39	M36	24	124,00	111,00
DN 900	914,0	1050	1125	48	40	118	110	955	12,5	12	20	1000	5	39	M36	28	157,00	129,00
DN 1000	1016,0	1170	1255	59	42	137	120	1058	12,5	16	22	1115	5	42	M39	28	234,00	170,00
DN 1100	1116,0	1270	1355	68	44	150	125	1160	12,5	16	22	1218	5	43	M39	32	290,00	194,00
DN 1200	1220,0	1390	1485	78	48	160	130	1262	14,2	16	30	1330	5	48	M45	32	392,00	254,00
DN 1300	1320,0	1490	1585	81	50	170	138	1364	14,2	16	30	1438	5	48	M45	36	442,00	296,00
DN 1400	1420,0	1590	1685	84	52	177	145	1465	16,0	16	30	1530	5	48	M45	36	506,00	333,00
DN 1500	1524,0	1710	1820	92	54	190	154	1566	16,0	16	30	1640	5	56	M52	40	628,00	404,00
DN 1600	1620,0	1820	1930	102	58	204	160	1668	17,5	16	35	1750	5	56	M52	40	788,00	483,00
DN 1800	1820,0	2020	2130	110	62	218	170	1870	20,0	16	35	1950	5	56	M52	44	974,00	590,00
DN 2000	2020,0	2230	2345	124	66	238	180	2072	22,0	16	40	2150	5	62	M56	48	1256,00	733,00

Tüm ölçüler mm. dir. | All dimensions are in mm.



PN 25 RF Kaynak Boyunlu Flanş | PN 25 RF Welding Neck Flange



DIN2634



EN1092-1/11

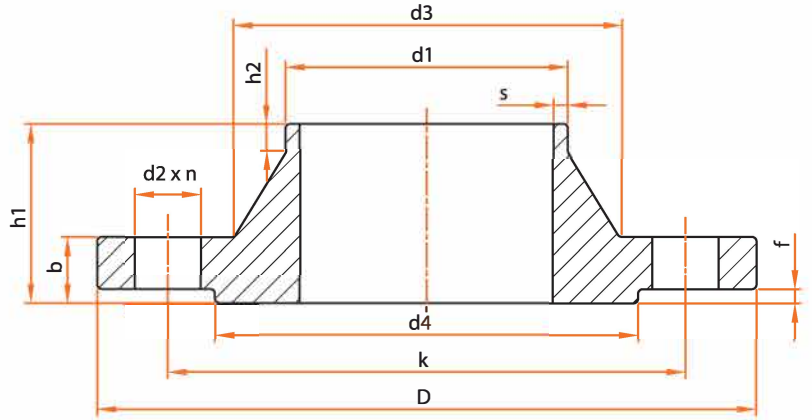
Ölçüler | Dimensions

Ebat Size	Flanş Ölçüleri / Flange Dimensions							Boyun / Neck				Fatura / Raised Face		Cıvata / Bolt			EN Ağırlık Weight kg/ad kg/pcs	DIN Ağırlık Weight kg/ad kg/pcs
	d1	k	D	b		h1		d3	s	r	h2	d4	f	d2	m	n		
				EN	DIN	EN	DIN											
DN 15	21,3	65	95	16	16	38	38	32	2,0	4	6	45	2	14	M12	4	0,77	0,77
DN 20	26,9	75	105	18	18	40	40	40	2,3	4	6	58	2	14	M12	4	1,09	1,09
DN 25	33,7	85	115	18	18	40	40	46	2,6	4	6	68	2	14	M12	4	1,30	1,30
DN 32	42,4	100	140	18	18	42	42	56	2,6	6	6	78	2	18	M16	4	1,91	1,91
DN 40	48,3	110	150	18	18	45	45	64	2,6	6	7	88	3	18	M16	4	2,15	2,15
DN 50	60,3	125	165	20	20	48	48	75	2,9	6	8	102	3	18	M16	4	2,85	2,85
DN 65	76,1	145	185	22	22	52	52	90	2,9	6	10	122	3	18	M16	8	3,68	3,68
DN 80	88,9	160	200	24	24	58	58	105	3,2	8	12	138	3	18	M16	8	4,78	4,78
DN 100	114,3	190	235	24	24	65	65	134	3,6	8	12	162	3	22	M20	8	6,46	6,46
DN 125	139,7	220	270	26	26	68	68	162	4,0	8	12	188	3	26	M24	8	8,86	8,86
DN 150	168,3	250	300	28	28	75	75	192	4,5	10	12	218	3	26	M24	8	11,70	11,70
DN 200	219,1	310	360	30	30	80	80	244	6,3	10	16	278	3	26	M24	12	17,10	17,10
DN 250	273,0	370	425	32	32	88	88	298	7,1	12	18	335	3	30	M27	12	24,30	24,30
DN 300	323,9	430	485	34	34	92	92	352	8,0	12	18	395	4	30	M27	16	31,80	31,80
DN 350	355,6	490	555	38	38	100	100	398	8,0	12	20	450	4	33	M30	16	48,80	48,80
DN 400	406,4	550	620	40	40	110	110	452	8,8	12	20	505	4	36	M33	16	63,30	63,30
DN 450	457,0	600	670	46	42	110	118	500	8,8	12	20	550	4	36	M33	20	76,00	67,80
DN 500	508,0	660	730	48	44	125	125	558	10,0	12	20	615	4	36	M33	20	97,00	89,00
DN 600	610,0	770	845	48	46	125	125	660	11,0	12	20	720	5	39	M36	20	121,00	114,00
DN 700	711,0	875	960	50	46	129	125	760	14,2	12	20	820	5	42	M39	24	155,00	138,00
DN 800	813,0	990	1085	53	50	138	138	864	16,0	12	22	930	5	48	M45	24	205,00	185,00
DN 900	914,0	1090	1185	57	54	148	145	968	17,5	12	24	1030	5	48	M45	28	249,00	224,00
DN 1000	1016,0	1210	1320	63	58	160	155	1070	20,0	16	24	1140	5	56	M52	28	338,00	293,00

Tüm ölçüler mm. dir. | All dimensions are in mm.



PN 40 RF Kaynak Boyunlu Flanş | PN 40 RF Welding Neck Flange



DIN2635

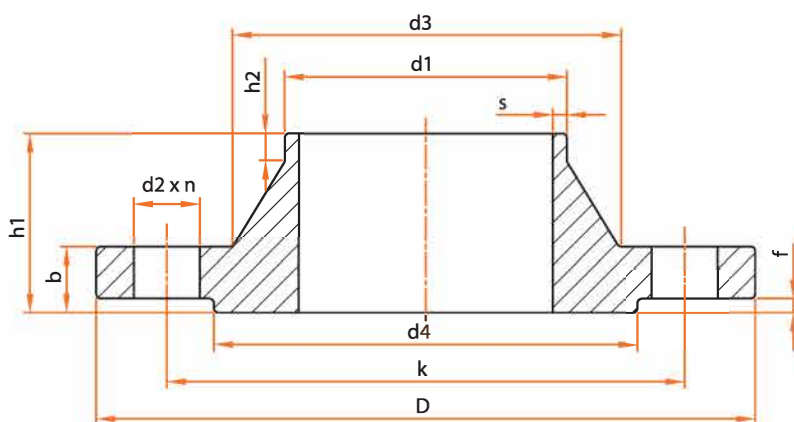


EN1092-1/11

Ölçüler | Dimensions

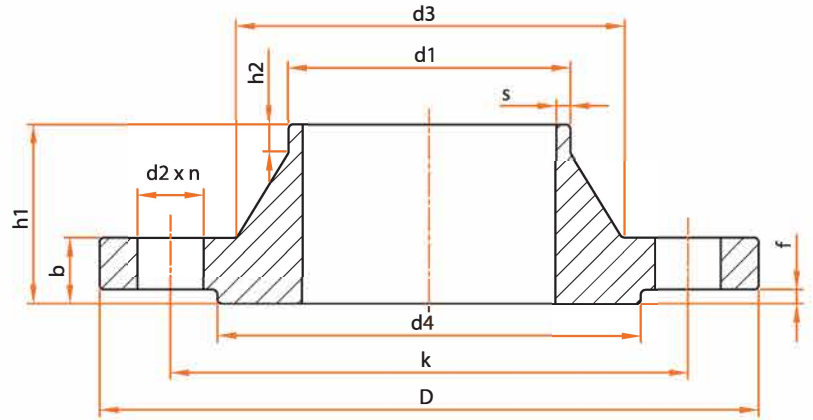
Ebat Size	Flanş Ölçüleri / Flange Dimensions						Boyun / Neck				Fatura / Raised Face		Cıvata / Bolt			EN Ağırlık Weight kg/ad kg/pcs	DIN Ağırlık Weight kg/ad kg/pcs
	d1	k	D	b		h1	d3	s	r	h2	d4	f	d2	m	n		
				EN	DIN	EN - DIN											
DN 15	21,3	65	95	16	16	38	32	2,0	4	6	45	2	14	M12	4	0,77	0,77
DN 20	26,9	75	105	18	18	40	40	2,3	4	6	58	2	14	M12	4	1,09	1,09
DN 25	33,7	85	115	18	18	40	46	2,6	4	6	68	2	14	M12	4	1,31	1,31
DN 32	42,4	100	140	18	18	42	56	2,6	6	6	78	2	18	M16	4	1,91	1,91
DN 40	48,3	110	150	18	18	45	64	2,6	6	7	88	3	18	M16	4	2,13	2,13
DN 50	60,3	125	165	20	20	48	75	2,9	6	8	102	3	18	M16	4	2,83	2,83
DN 65	76,1	145	185	22	22	52	90	2,9	6	10	122	3	18	M16	8	3,68	3,68
DN 80	88,9	160	200	24	24	58	105	3,2	8	12	138	3	18	M16	8	4,75	4,75
DN 100	114,3	190	235	24	24	65	134	3,6	8	12	162	3	22	M20	8	6,46	6,46
DN 125	139,7	220	270	26	26	68	162	4,0	8	12	188	3	26	M24	8	8,88	8,88
DN 150	168,3	250	300	28	28	75	192	4,5	10	12	218	3	26	M24	8	11,30	11,30
DN 200	219,1	320	375	34	34	88	244	6,3	10	16	285	3	30	M24	12	21,10	21,10
DN 250	273,0	385	450	38	38	105	306	7,1	12	18	345	3	33	M30	12	34,50	34,50
DN 300	323,9	450	515	42	42	115	362	8,0	12	18	410	4	33	M30	16	48,10	48,10
DN 350	355,6	510	580	46	46	125	408	8,8	12	20	465	4	36	M33	16	73,00	70,00
DN 400	406,4	585	660	50	50	135	462	11,0	12	20	535	4	39	M36	16	100,00	100,00
DN 450	457,0	610	685	57	52	135	500	12,5	12	20	560	4	39	M36	20	106,00	98,00
DN 500	508,0	670	755	57	52	140	562	14,2	12	20	615	4	42	M39	20	132,00	126,00
DN 600	610,0	795	890	72	58	150	666	16,0	12	20	735	5	48	M45	20	212,00	145,00
		</															

Tüm ölçüler mm. dir. | All dimensions are in mm.



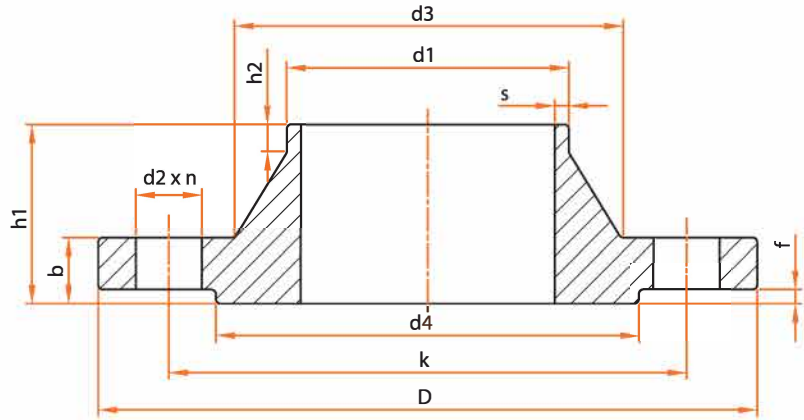
Ölçüler | Dimensions

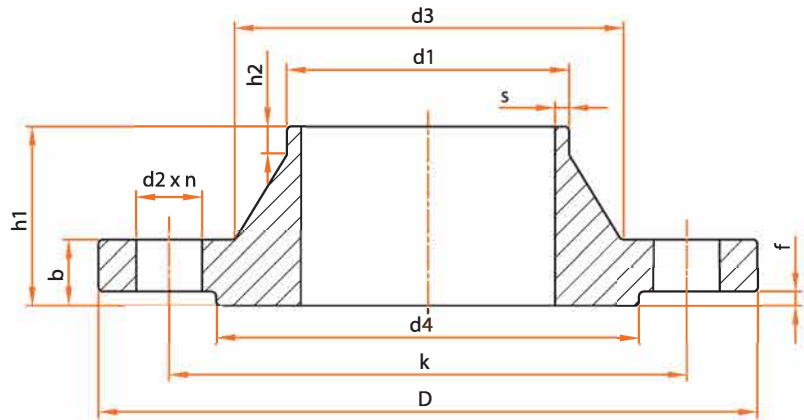
Tüm ölçüler mm. dir. | All dimensions are in mm.



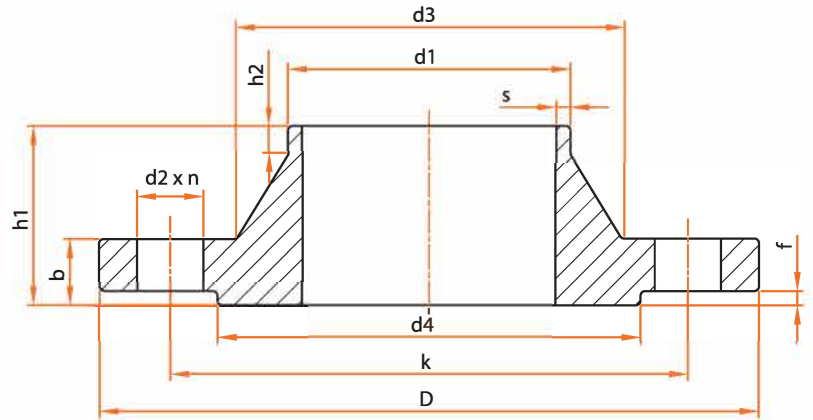
DIN2637

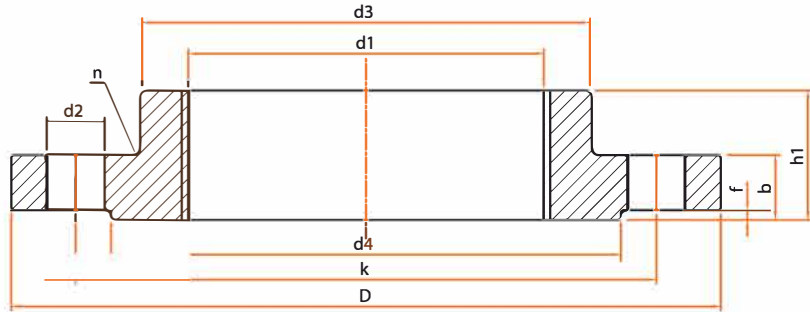
EN1092-1/11[illegible]



[illegible]

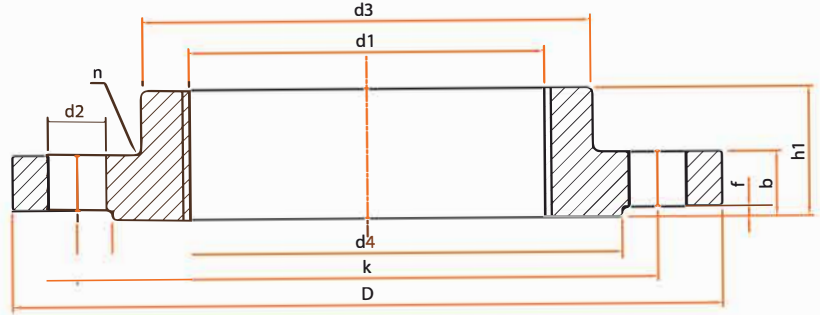
www.yaziciendustri.com.tr

[illegible]





PN 25-40 RF Dişli Flanş | PN 25-40 RF Threaded Flange



DIN2567



EN1092-1/13

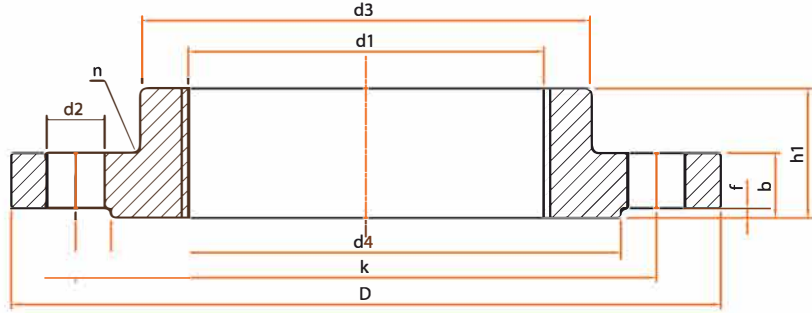
Ölçüler | Dimensions

Ebat Size	Flanş Ölçüleri / Flange Dimensions							Boyun / Neck	Fatura / Raised Face		Cıvata / Bolt			Ağırlık / Weight	
	d1	Thread	k	D	b	h1		d3	d4	f	d2	Thread	n	DIN 2567 kg/ad kg/pcs	EN 1092-1 kg/ad kg/pcs
						DIN 2567	EN 1092-1								
DN 15	19,0	R 1/2"	65	95	14	20	22	35	45	2	14	M12	4	0,68	0,69
DN 20	24,0	R 3/4"	75	105	16	24	26	45	58	2	14	M12	4	0,99	1,00
DN 25	30,5	R 1"	85	115	16	24	28	52	68	2	14	M12	4	1,16	1,20
DN 32	39,5	R 1 1/4"	100	140	18	26	30	60	78	2	18	M16	4	1,70	1,75
DN 40	45,5	R 1 1/2"	110	150	18	26	32	70	88	3	18	M16	4	1,88	1,97
DN 50	57,4	R 2"	125	165	20	28	34	84	102	3	18	M16	4	2,52	2,60
DN 65	72,5	R 2 1/2"	145	185	22	34	38	104	122	3	18	M16	8	3,23	3,23
DN 80	85,5	R 3"	160	200	24	36	40	118	138	3	18	M16	8	4,09	4,09
DN 100	110,5	R 4"	190	235	26	40	44	145	162	3	22	M20	8	4,65	4,73
DN 125	135,5	R 5"	220	270	28	42	48	170	188	3	26	M24	8	6,30	6,51
DN 150	161,0	R 6"	250	300	30	44	52	200	218	3	26	M24	8	7,71	7,83
					</										

Tüm ölçüler mm. dir. | All dimensions are in mm.



PN 63-100 RF Dişli Flanş | PN 63-100 RF Threaded Flange



DIN2568



DIN2569



EN1092-1/13

Ölçüler | Dimensions

PN63

Ebat Size	Flanş Ölçüleri / Flange Dimensions							Boyun / Neck	Fatura / Raised Face	Cıvata / Bolt			Ağırlık / Weight	
	d1	Thread	k	D	b	h1		d3	d4	f	d2	Thread	n	EN 1092-1 kg/ad kg/pcs
						DIN 2568	EN 1092-1							
DN 15	-	R 1/2"	75	105	20	28	28	43	45	2	14	M12	4	1,00
DN 20	-	R 3/4"	90	130	22	30	30	52	58	2	18	M16	4	2,00
DN 25	-	R 1"	100	140	24	32	32	60	68	2	18	M16	4	2,50
DN 32	-	R 1 1/4"	110	155	24	32	32	68	78	2	22	M20	4	3,00
DN 40	-	R 1 1/2"	125	170	26	34	34	80	88	3	22	M20	4	4,00
DN 50	-	R 2"	135	180	26	36	36	90	102	3	22	M20	4	4,50
DN 65	-	R 2 1/2"	160	205	26	40	40	112	122	3	22	M20	8	5,50
DN 80	-	R 3"	170	215	28	44	44	125	138	3	22	M20	8	6,50
DN 100	-	R 4"	200	250	30	52	52	152	162	3	26	M24	8	9,00
DN 125	-	R 5"	240	295	34	56	56	185	188	3	30	M27	8	14,00
DN 150	-	R 6"	280	345	36	60	60	215	218	3	33	M30	8	20,00

Ölçüler | Dimensions

PN100

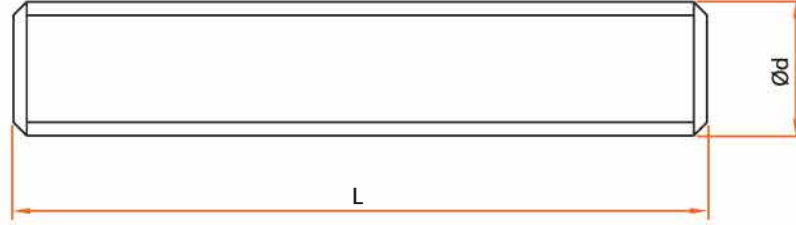
Ebat Size	Flanş Ölçüleri / Flange Dimensions							Boyun/ Neck	Fatura / Raised Face		Cıvata / Bolt			Ağırlık / Weight
	d1	Thread	k	D	b	h1		d3	d4	f	d2	Thread	n	EN 1092-1 kg/ad kg/pcs
						DIN 2569	EN 1092-1							
DN 15	-	R 1/2"	75	105	20	28	28	43	45	2	14	M12	4	1,00
DN 20	-	R 3/4"	90	130	22	30	30	52	58	2	18	M16	4	2,00
DN 25	-	R 1"	100	140	24	32	32	60	68	2	18	M16	4	2,50
DN 32	-	R 1 1/4"	110	155	24	32	32	68	78	2	22	M20	4	3,00
DN 40	-	R 1 1/2"	125	170	26	34	34	80	88	3	22	M20	4	4,00
DN 50	-	R 2"	145	195	28	36	36	95	102	3	26	M24	4	5,50
DN 65	-	R 2 1/2"	170	220	30	40	40	118	122	3	26	M24	8	7,00
DN 80	-	R 3"	180	230	32	44	44	130	138	3	26	M24	8	8,00
DN 100	-	R 4"	210	265	36	52	52	158	162	3	30	M27	8	12,00
DN 125	-	R 5"	250	315	40	56	56	188	188	3	33	M30	8	18,50
DN 150	-	R 6"	290	355	44	60	60	225	218	3	33	M30	12	24,50

Tüm ölçüler mm. dir. | All dimensions are in mm.



EN 1092-1 Normu Flanşlar İçin Saplama Boyları

Stud Bolt Dimensions According to EN 1092-1 Flanges



EN 1092-1



DIN

Ölçüler | Dimensions

Ebat Size	PN6			PN10			PN16			PN25			PN40			PN64		
	N	d	L	N	d	L	N	d	L	N	d	L	N	d	L	N	d	L
DN 15	4	M10	45	4	M12	55	4	M12	55	4	M12	55	4	M12	55	4	M12	71
DN 20	4	M10	50	4	M12	60	4	M12	60	4	M12	60	4	M12	60	4	M16	80
DN 25	4	M10	50	4	M12	60	4	M12	60	4	M12	60	4	M12	65	4	M16	80
DN 25	4	M12	60	4	M16	70	4	M16	70	4	M16	70	4	M16	70	4	M20	90
DN 40	4	M12	60	4	M16	70	4	M16	70	4	M16	70	4	M16	70	4	M20	90
DN 50	4	M12	60	4	M16	75	4	M16	75	4	M16	75	4	M16	80	4	M20	90
DN 65	4	M12	60	8	M16	75	8	M16	75	8	M16	75	8	M16	80	8	M20	90
DN 80	4	M16	70	8	M16	75	8	M16	75	8	M16	80	8	M16	80	8	M20	100
DN 100	4	M16	70	8	M16	80	8	M16	80	8	M20	90	8	M20	90	8	M24	110
DN 125	8	M16	75	8	M16	80	8	M16	80	8	M24	100	8	M24	100	8	M27	120
DN 150	8	M16	75	8	M20	90	8	M20	90	8	M24	110	8	M24	110	8	M30	130
DN 200	8	M16	80	12	M20	90	12	M20	90	12	M24	110	12	M27	130	12	M33	160
DN 250	12	M16	80	12	M20	90	12	M24	110	12	M27	130	12	M30	140	12	M33	180
DN 300	12	M20	90	16	M20	95	12	M24	110	16	M27	130	16	M30	160	16	M33	200
DN 350	12	M20	90	16	M20	100	16	M24	120	16	M30	140	16	M33	180	16	M36	220
DN 400	16	M20	95	20	M24	110	16	M27	130	16	M33	160	16	M36	200	16	M39	240
DN 450	16	M20	100	20	M24	120	20	M27	140	20	M33	175	-	-	-	-	-	-
DN 500	20	M20	100	20	M24	130	20	M30	150	20	M33	180	-	-	-	-	-	-
DN 600	20	M24	110	24	M27	140	20	M33	180	20	M36	210	-	-	-	-	-	-
DN 700	24	M24	130	24	M27	150	24	M33	200	24	M39	250	-	-	-	-	-	-
DN 800	24	M27	140	28	M30	170	24	M36	220	24	M45	280	-	-	-	-	-	-
DN 900	24	M27	150	28	M30	180	28	M36	240	-	-	-	-	-	-	-	-	-
DN 1000	28	M27	160	32	M33	200	28	M39	260	-	-	-	-	-	-	-	-	-
DN 1100	28	M30	170	32	M33	220	-	-	-	-	-	-	-	-	-	-	-	-
DN 1200	32	M30	180	32	M36	240	-	-	-	-	-	-	-	-	-	-	-	-
DN 1300	32	M33	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DN 1400	36	M33	210	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DN 1500	36	M33	220	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DN 1600	40	M33	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DN 1800	44	M36	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DN 2000	48	M39	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Tüm ölçüler mm. dir. | All dimensions are in mm.

Ölçü	Boyut Aralığı	İşlem		
		İşlenmiş		İşlenmemiş
Dış Çap D	200 mm'ye kadar	(+/-) 1		(+/-) 2
	200 ile 300 mm arası	(+/-) 1,5		(+/-) 2
	300 ile 400 mm	(+/-) 2		(+/-) 3
	400 mm'den yukarı	(+/-) 2		(+/-) 5
Merkez Delik d1		except flange		flange
	100 mm'ye kadar	(+) 0,5		(-) 1
	100 ile 400 mm arası	(+) 1		(-) 1,5
	400 mm'den yukarı	(+) 1,5		(-) 2
Flanş Kalınlığı b		both surface	one surface	
	10 mm'ye kadar	(+/-) 0,5	(+/-) 1	(+) 1,5 / (-) 1
	10 ile 20 mm arası	(+/-) 0,8	(+/-) 1,3	(+) 2 / (-) 1,5
	20 ile 30 mm arası	(+/-) 1	(+/-) 1,5	(+) 3 / (-) 2
	30 ile 50 mm arası	(+/-) 1	(+/-) 1,5	(+) 4 / (-) 3
	50 mm'den yukarı	(+/-) 1,5	(+/-) 2	(+) 5 / (-) 4
Flanş Yüksekliği h1	DN80'e kadar		(+/-) 1	
	DN80 ile DN250 arası		(+/-) 1,5	
	DN250'den yukarı		(+/-) 2	
Flanş Duduk Kalınlığı s	DN100'e kadar	(+/-) 1		(+/-) 1,5
	DN100 ile DN400 arası	(+/-) 1,5		(+/-) 2
	DN400'den yukarı	(+/-) 2		(+/-) 2,5
Fatura Çapı d4	DN80'e kadar		(-) 1	
	DN80 ile DN300 arası		(-) 2	
	DN300'den yukarı		(-) 3	
Çevre Delik Eksen Çapı k	M10 ile M24 arası		(+/-) 1	
	M27 ile M45 arası		(+/-) 1,5	

Dimension	Dimensional Range	Accomplishment		
		Machined		Unmachined
Outside Diameter D	up to 200 mm	(+/-) 1		(+/-) 2
	over 200 to 300 mm	(+/-) 1,5		(+/-) 2
	over 300 to 400 mm	(+/-) 2		(+/-) 3
	over 400 mm	(+/-) 2		(+/-) 5
Centre Hole d1		except flange		flange
	up to 100 mm	(+) 0,5		(-) 1
	over 100 to 400 mm	(+) 1		(-) 1,5
	over 400 mm	(+) 1,5		(-) 2
Flange Thickness b		both surface	one surface	
	up to 10 mm	(+/-) 0,5	(+/-) 1	(+) 1,5 / (-) 1
	over 10 to 20 mm	(+/-) 0,8	(+/-) 1,3	(+) 2 / (-) 1,5
	over 20 to 30 mm	(+/-) 1	(+/-) 1,5	(+) 3 / (-) 2
	over 30 to 50 mm	(+/-) 1	(+/-) 1,5	(+) 4 / (-) 3
	over 50 mm	(+/-) 1,5	(+/-) 2	(+) 5 / (-) 4
Flange Height h1	up to DN80		(+/-) 1	
	over DN80 to DN250		(+/-) 1,5	
	DN250		(+/-) 2	
Wall Thickness s	up to DN100	(+/-) 1		(+/-) 1,5
	over DN100 to DN400	(+/-) 1,5		(+/-) 2
	DN400	(+/-) 2		(+/-) 2,5
Diameter of Raised Face d4	up to DN80		(-) 1	
	over DN80 to DN300		(-) 2	
	DN300		(-) 3	
Diameter of Bolt Circle k	bolt sizes M10 to M24		(+/-) 1	
	bolt sizes M27 to M45		(+/-) 1,5	



EN 1092-1 Standardına Göre Boyut Tolerans Tablosu

Dimensions Tolerance Table According to EN 1092-1



EN 1092-1

Boyut	Flanş Tipler	Ölçü	Tolerans
Dış Çap D	Tüm Tipler	DN150'den küçükler DN150 - DN500 arası DN500 - DN1200 arası DN1200 - DN1800 arası DN1800'den büyükler	(+,-) 2,0 (+,-) 3,0 (+,-) 5,0 (+,-) 7,0 (+,-) 10,0
Delik Çapı B1, B2, B3	01, 02 04, 12 32	DN100'den küçükler DN100 - DN400 arası DN400 - DN600 arası DN600'den büyükler	(+0,5/(-)0 (+1,0/(-)0 (+1,5/(-)0 (+3,0/(-)0
Flanş Kalınlığı C1, C2, C3, C4	Bütün Tipler (Her İki Alında İşlenmiş) Bütün Tipler (Sadece Ön Alını İşlenmiş) Tip 02 ve Tip 04 (İşlenmemiş)	18 mm'den kalınlar 18 mm - 50 mm arası 50 mm'den kalınlar 18 mm'den kalınlar 18 mm - 50 mm arası 50 mm'den kalınlar	(+1,0/(-)1,3 (+,-) 1,5 (+,-) 2,0 (+2,0/(-)1,3 (+4,0/(-)1,5 (+7,0/(-)2,0
Yaka Çapı d1	Tüm Tipler	DN250 küçükler DN250 büyükler	(+2,0/(-)1,0 (+3,0/(-)1,0
Cıvata Dairesi Çapı K	Tüm Tipler	M10 - M24 arası M27 - M45 arası	(+,-) 1,0 (+,-) 1,5
Yan Yana İki Cıvata Deliğinin Merkezinden Merkezine	Tüm Tipler	M10 - M24 arası M27 - M45 arası	(+,-) 1,0 (+,-) 1,5
Göbek Uzunluğu H1,H2,H3,H4,H5	11, 12, 13, 34, 35, 36, 37	DN80'den küçükler DN80 - DN250 arası DN250'den büyükler	(+,-) 1,5 (+,-) 2,0 (+,-) 3,0
Boyun Dış Çapı A	11,12, 34	DN125'den küçükler DN125 - DN1200 DN120'den büyükler	(+,-) 3,0 (+4,5/(-)0 (+6,0/(-)0
Et Kalınlığı S	11,34	DN100 küçükler DN100 - DN400 arası DN400'den büyükler	(+1,0/(-)0 (+1,5/(-)0 (+2,0/(-)0
Boyun Çapı N1,N2,N3	11,21, 34 12,13	DN50'den küçükler DN50 - DN150 arası DN150 - DN300 arası DN300 - DN600 arası DN600 - DN4000 arası DN50'den küçükler DN50 - DN150 arası DN150 - DN300 arası DN300 - DN600 arası DN600 - DN1200 arası DN1200 - DN1800 arası DN1800'den büyükler	(+0,0/(-)2,0 (+0,0/(-)4,0 (+0,0/(-)6,0 (+0,0/(-)8,0 (+0,0/(-)10,0 (+1,0/(-)0 (+2,0/(-)0 (+4,0/(-)0 (+8,0/(-)0 (+12/(-)0 (+16/(-)0 (+20/(-)0

Dimensions	Flange Type	Size	Tolerance
Outside Dia D	All Types	smaller than DN150 between DN150 - DN500 between DN500 - DN1200 between DN1200 - DN1800 smaller than DN1800	(+,-) 2,0 (+,-) 3,0 (+,-) 5,0 (+,-) 7,0 (+,-) 10,0
InnerHole Diameters B1, B2, B3	01, 02 04, 12 32	smaller than DN100 between DN100 - DN400 between DN400 - DN600 bigger than DN600	(+0,5/(-)0 (+1,0/(-)0 (+1,5/(-)0 (+3,0/(-)0
Flange Thickness C1, C2, C3, C4	All Types (Both Surfaces) All Types (Only Front Face Machined) Type 02 and Type 04 (Not Machined)	thicker than 18 mm between 18 mm - 50 mm thicker than 50 mm thicker than 18 mm between 18 mm - 50 mm thicker than 50 mm	(+1,0/(-)1,3 (+,-) 1,5 (+,-) 2,0 (+2,0/(-)1,3 (+4,0/(-)1,5 (+7,0/(-)2,0
Collar Dia d1	All Types	thinner than DN250 bigger than DN250	(+2,0/(-)1,0 (+3,0/(-)1,0
Bolting Diameter K	All Types	between M10 - M24 between M27 - M45	(+,-) 1,0 (+,-) 1,5
Distance between adjacent two bolt holes	All Types	between M10 - M24 between M27 - M45	(+,-) 1,0 (+,-) 1,5
Hub Length H1,H2,H3,H4,H5	11, 12, 13, 34, 35, 36, 37	smaller than DN80 between DN80 - DN250 bigger than DN250	(+,-) 1,5 (+,-) 2,0 (+,-) 3,0
Hub Outside Diameter A	11,12, 34	smaller than DN125 DN125 - DN1200 bigger than DN120	(+,-) 3,0 (+4,5/(-)0 (+6,0/(-)0
Thickness S	11,34	smaller than DN100 between DN100 - DN400 bigger than DN400	(+1,0/(-)0 (+1,5/(-)0 (+2,0/(-)0
Neck Diameter N1,N2,N3	11,21, 34 12,13	smaller than DN50 between DN50 - DN150 between DN150 - DN300 between DN300 - DN600 between DN600 - DN4000 smaller than DN50 between DN50 - DN150 between DN150 - DN300 between DN300 - DN600 between DN600 - DN1200 between DN1200 - DN1800 bigger than DN1800	(+0,0/(-)2,0 (+0,0/(-)4,0 (+0,0/(-)6,0 (+0,0/(-)8,0 (+0,0/(-)10,0 (+1,0/(-)0 (+2,0/(-)0 (+4,0/(-)0 (+8,0/(-)0 (+12/(-)0 (+16/(-)0 (+20/(-)0



$v_R = C1, C2, C4$



$vR=C1, C2, C4$



PN 10 için İzin Verilen Çalışma Basıncı | Max. Allowable Operating Pressure For PN 10

PN	Grup Group	Kalınlık İçin Ref. Reference value for Thickness R (mm)	Maksimum Sıcaklık / Max. Allowable Temperature TS °C																									
			RT	100	150	200	250	300	350	400	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590	600		
			Maksimum Basıncı / Max. Allowable Pressure PS bar																									
10	3E0	≤ 50	10,0	9,2	8,8	8,3	7,6	6,9	6,4	5,9	3,2																	
	3E0	50 < vR ≤ 150	10,0	8,5	8,3	7,7	7,0	6,4	6,0	5,7	3,2																	
	3E1	≤ 50	10,0	10,0	10,0	10,0	9,7	8,8	8,0	7,3	4,0																	
	3E1	50 < vR ≤ 150	10,0	10,0	9,5	9,0	8,3	7,6	7,0	6,4	4,0																	
	4E0	≤ 60	10,0	10,0	10,0	10,0	9,7	8,5	8,0	7,4	6,9	6,4	5,9	5,4	4,9	4,4	3,5	2,8	2,2									
	4E0	60 < vR ≤ 90	10,0	10,0	10,0	10,0	9,2	8,0	7,6	6,9	6,4	6,0	5,6	5,2	4,8	4,4	3,5	2,8	2,2									
	4E0	90 < vR ≤ 150	10,0	10,0	10,0	9,2	8,5	7,6	7,0	6,3	5,9	5,6	5,3	5,0	4,7	4,4	3,5	2,8	2,2									
	5E0	≤ 60	10,0	10,0	10,0	10,0	10,0	10,0	9,5	9,0	8,4	8,0	7,6	7,2	6,8	6,5	5,5	4,4	3,7	2,9	2,3	1,9	1,5					
	5E0	60 < vR ≤ 90	10,0	10,0	10,0	10,0	10,0	9,7	9,0	8,3	7,8	7,5	7,2	6,9	6,6	6,5	5,5	4,4	3,7	2,9	2,3	1,9	1,5					
	5E0	90 < vR ≤ 150	10,0	10,0	10,0	10,0	10,0	9,1	8,4	7,9	7,3	7,1	6,9	6,7	6,5	6,5	5,5	4,4	3,7	2,9	2,3	1,9	1,5					
	6E0	≤ 150	10,0	10,0	10,0	10,0	10,0	10,0	9,7	9,2	8,8	8,3	7,8	7,3	6,9	6,4	5,6	4,9	4,2	3,7	3,2	2,7	2,4	2,0	1,8	1,6		
	6E1	≤ 150	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	8,4	6,9	5,3	4,5	3,9	3,3	2,8	2,3	2,0	1,7					
	8E2	35 < vR ≤ 70	10,0	10,0	10,0	9,3	8,6	7,4	6,5	5,6																		
	8E2	70 < vR ≤ 100	10,0	10,0	9,4	8,6	7,9	6,5	5,6	4,6																		
	8E2	100 < vR ≤ 150	10,0	9,7	8,8	7,9	7,0	5,6	4,6	3,7																		
	8E3	50 < vR ≤ 100	10,0	10,0	10,0	10,0	10,0	9,8	9,0	7,9																		
	8E3	100 < vR ≤ 150	10,0	10,0	10,0	10,0	10,0	9,3	8,4	7,0																		
	9E0	≤ 150	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	8,9	7,9	7,0	6,0	5,2	4,5	3,8	3,2	2,8		
	9E1	≤ 130	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	9,5	8,7	7,9	7,1	6,3	5,7	5,0	4,4		

vR=C1, C2, C4



$v_R = C1, C2, C4$



PN 25 İçin İzin Verilen Çalışma Basıncı | Max. Allowable Operating Pressure For PN 25

PN	Grup Group	Kalınlık İçin Ref. Reference value for Thickness R (mm)	Maksimum Sıcaklık / Max. Allowable Temperature TS °C																									
			RT	100	150	200	250	300	350	400	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590	600		
			Maksimum Basıncı / Max. Allowable Pressure PS bar																									
25	3E0	≤ 50	25,0	23,2	22,0	20,8	19,0	17,2	16,0	14,8	8,2																	
	3E0	50 < vR ≤ 150	25,0	21,4	20,8	19,4	17,7	16,0	15,1	14,2	8,2																	
	3E1	≤ 50	25,0	25,0	25,0	25,0	24,4	22,0	20,2	18,4	10,1																	
	3E1	50 < vR ≤ 150	25,0	25,0	23,8	22,7	20,8	19,1	17,7	16,0	10,1																	
	4E0	≤ 60	25,0	25,0	25,0	25,0	24,4	21,4	20,2	18,6	17,2	16,0	14,7	13,5	12,3	11,0	8,8	7,0	5,5									
	4E0	60 < vR ≤ 90	25,0	25,0	25,0	25,0	23,2	20,2	19,0	17,3	16,0	15,0	14,0	13,0	12,0	11,0	8,8	7,0	5,5									
	4E0	90 < vR ≤ 150	25,0	25,0	25,0	23,2	21,4	19,0	17,5	15,8	14,7	14,0	13,2	12,5	11,8	11,0	8,8	7,0	5,5									
	5E0	≤ 60	25,0	25,0	25,0	25,0	25,0	25,0	23,8	22,5	21,0	20,0	19,0	18,0	17,0	16,3	13,8	11,1	9,2	7,2	5,8	4,7	3,9					
	5E0	60 < vR ≤ 90	25,0	25,0	25,0	25,0	25,0	24,4	22,5	20,9	19,6	18,8	18,0	17,2	16,5	16,3	13,8	11,1	9,2	7,2	5,8	4,7	3,9					
	5E0	90 < vR ≤ 150	25,0	25,0	25,0	25,0	25,0	22,9	21,1	19,8	18,4	17,9	17,3	16,8	16,2	16,3	13,8	11,1	9,2	7,2	5,8	4,7	3,9					
	6E0	≤ 150	25,0	25,0	25,0	25,0	25,0	25,0	24,4	23,2	22,0	20,8	19,6	18,4	17,2	16,0	14,0	12,2	10,7	9,2	8,0	6,9	6,0	5,2	4,5	4,0		
	6E1	≤ 150	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0	21,2	17,3	13,4	11,4	9,6	8,3	7,0	5,9	5,1	4,4				
	8E2	35 < vR ≤ 70	25,0	25,0	25,0	23,4	21,5	18,6	16,3	14,0																		
	8E2	70 < vR ≤ 100	25,0	25,0	23,5	21,6	19,8	16,3	14,0	11,6																		
	8E2	100 < vR ≤ 150	25,0	24,4	22,1	19,8	17,5	14,0	11,6	9,2																		
	8E3	50 < vR ≤ 100	25,0	25,0	25,0	25,0	25,0	24,5	22,6	19,8																		
	8E3	100 < vR ≤ 150	25,0	25,0	25,0	25,0	25,0	23,3	21,0	17,5																		
	9E0	≤ 150	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0	22,3	19,8	17,5	15,2	13,2	11,3	9,6	8,2	7,0		
	9E1	≤ 130	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0	23,9	21,7	19,7	17,8	15,9	14,2	12,6	11,1		

vR=C1, C2, C4



$vR=C1, C2, C4$