

FERMI FLANGES
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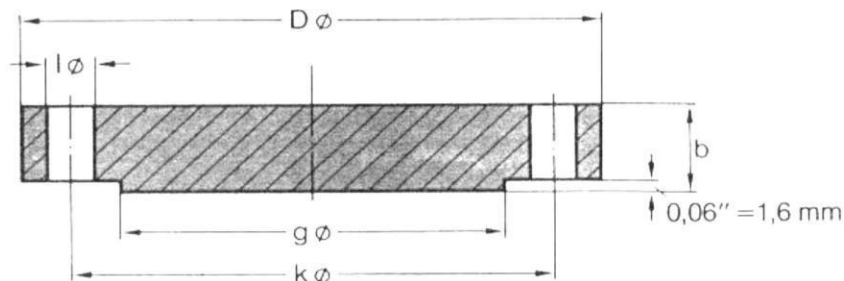
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Flange dal 1983

Our Products

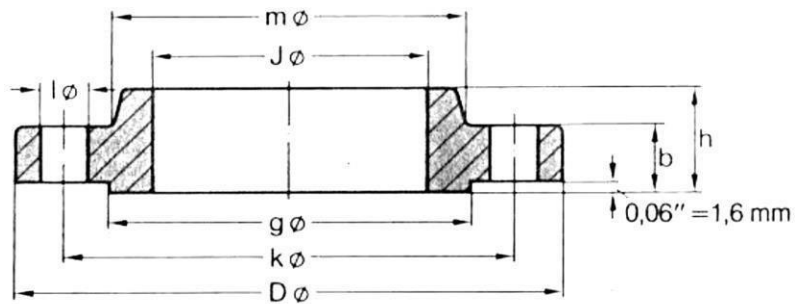


ANSI B16.5 150lbs Blind RF



Nom.Size DN	D	b	g	k	Holes	l	Kg.
1/2"	88,90	11,20	35,10	60,50	4	15,70	0,44
3/4"	98,60	12,70	42,90	69,90	4	15,70	0,63
1"	108,00	14,20	50,80	79,20	4	15,70	0,88
1 1/4"	117,30	15,70	63,50	88,90	4	15,70	1,17
1 1/2"	127,00	17,50	73,20	98,60	4	15,70	1,56
2"	152,40	19,10	91,90	120,70	4	19,10	2,49
2 1/2"	177,80	22,40	104,60	139,70	4	19,10	4,04
3"	190,50	23,90	127,00	152,40	4	19,10	5,04
4"	228,60	23,90	157,20	190,50	8	19,10	7,14
5"	254,00	23,90	185,70	215,90	8	22,40	8,78
6"	279,40	25,40	215,90	241,30	8	22,40	11,40
8"	342,90	28,40	269,70	298,50	8	22,40	20,20
10"	406,40	30,20	323,90	362,00	12	25,40	29,40
12"	482,60	31,80	381,00	431,80	12	25,40	44,30
14"	533,40	35,10	412,80	476,30	12	28,40	59,30

ANSI B16.5 150lbs SO RF



Nom.Size DN	D	b	g	m	J	h	k	Holes	l	Kg.
1/2"	88,90	11,20	35,10	30,20	22,40	15,70	60,50	4	15,70	0,42
3/4"	98,60	12,70	42,90	38,10	27,70	15,70	69,90	4	15,70	0,58
1"	108,00	14,20	50,80	49,30	34,50	17,50	79,20	4	15,70	0,79
1 1/4"	117,30	15,70	63,50	58,70	43,20	20,60	88,90	4	15,70	1,04
1 1/2"	127,00	17,50	73,20	65,00	49,50	22,40	98,60	4	15,70	1,34
2"	152,40	19,10	91,90	77,70	62,00	25,40	120,70	4	19,10	2,12
2 1/2"	177,80	22,40	104,60	90,40	74,70	28,40	139,70	4	19,10	3,29
3"	190,50	23,90	127,00	108,00	90,70	30,20	152,40	4	19,10	3,96
4"	228,60	23,90	157,20	134,90	116,10	33,30	190,50	8	19,10	5,42
5"	254,00	23,90	185,70	163,60	143,80	36,60	215,90	8	22,40	6,30
6"	279,40	25,40	215,90	192,00	170,70	39,60	241,30	8	22,40	7,80
8"	342,90	28,40	269,70	246,10	221,50	44,50	298,50	8	22,40	12,80
10"	406,40	30,20	323,90	304,80	276,40	49,30	362,00	12	25,40	17,80
12"	482,60	31,80	381,00	365,30	327,20	55,60	431,80	12	25,40	28,20
14"	533,40	35,10	412,80	400,10	359,20	57,20	476,30	12	28,40	35,00
16"	596,90	36,60	469,90	457,20	410,50	63,50	539,80	16	28,40	45,90
18"	635,00	39,60	533,40	505,00	461,80	68,30	577,90	16	31,80	50,30
20"	698,50	42,90	584,20	558,80	513,10	73,20	635,00	20	31,80	64,30
24"	812,80	47,80	692,20	663,40	616,00	82,60	749,30	20	35,10	86,90

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Technical drawing of a mechanical part with the following dimensions and labels:

- Top diameter: $m \varnothing$
- Inner diameter: $a \varnothing$
- Top fillet radius: $0,06'' = 1,6 \text{ mm}$
- Side angle: $37\frac{1}{2}^\circ$
- Height: h
- Inner diameter: $J \varnothing$
- Bottom fillet radius: $0,06'' = 1,6 \text{ mm}$
- Bottom diameter: $g \varnothing$
- Bottom diameter: $k \varnothing$
- Bottom diameter: $D \varnothing$
- Bottom diameter: $l \varnothing$
- Bottom diameter: b

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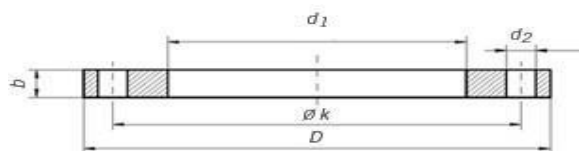
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Technical drawing of a mechanical part showing a cross-section. The drawing includes the following dimensions and labels:

- $m \varnothing$: Maximum diameter at the top.
- $a \varnothing$: Diameter of the central hole.
- $0,06'' = 1,6 \text{ mm}$: Dimension indicating a specific thickness or offset.
- $37\frac{1}{2}^\circ$: Angle of the tapered section.
- h : Total height of the part.
- $J \varnothing$: Diameter of the central hole.
- b : Dimension indicating a specific thickness or offset.
- $0,06'' = 1,6 \text{ mm}$: Dimension indicating a specific thickness or offset.
- $\bar{g} \varnothing$: Diameter of the central hole.
- $k \varnothing$: Diameter of the central hole.
- $D \varnothing$: Diameter of the central hole.

[illegible]

EN 1092-1 TYPE 01 PN6



DN	pipe	d1	k	D	b	d2	Thread	Number of drills	Weight kg
15	21,3	22,0	55	80	12	11	M10	4	0,402
20	26,9	27,5	65	90	14	11	M10	4	0,592
25	33,7	34,5	75	100	14	11	M10	4	0,718
32	42,4	43,5	90	120	16	14	M12	4	1,156
40	48,3	49,5	100	130	16	14	M12	4	1,347
50	60,3	61,5	110	140	16	14	M12	4	1,482
65	76,1	77,5	130	160	16	14	M12	4	1,855
80	88,9	90,5	150	190	18	18	M16	4	2,952
100	114,3	116,0	170	210	18	18	M16	4	3,255
125	139,7	141,5	200	240	20	18	M16	8	4,312
150	168,3	170,5	225	265	20	18	M16	8	4,753
200	219,1	221,5	280	320	22	18	M16	8	6,880
250	273,0	276,5	335	375	24	18	M16	12	8,916
300	323,9	327,5	395	440	24	22	M20	12	11,911
350	355,6	359,5	445	490	26	22	M20	12	16,831
400	406,4	411,0	495	540	28	22	M20	16	19,831
450	457,0	462,0	550	595	30	22	M20	16	24,557
500	508,0	513,5	600	645	30	22	M20	20	26,374

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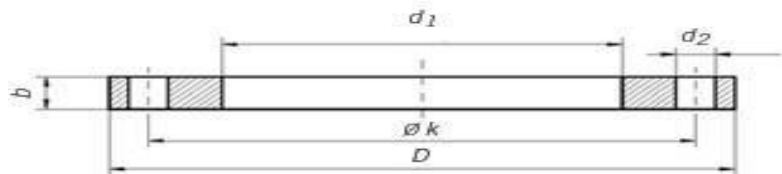
Technical drawing of a shaft-hub assembly. The drawing shows a shaft with a keyway and a hub with a key. The dimensions are labeled as follows: d_1 is the shaft diameter, d_2 is the hub diameter, g is the key width, K is the key height, D is the hub bore diameter, and a keyway is shown on the shaft.

[illegible]

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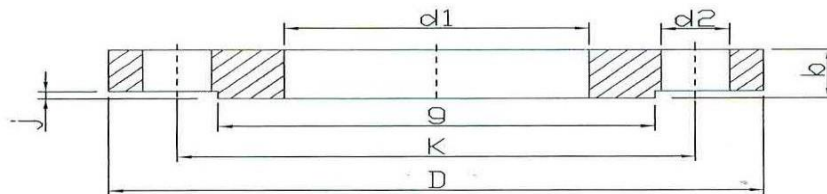
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EN 1092-1 TYPE 01 PN16 (DIN HOLE)



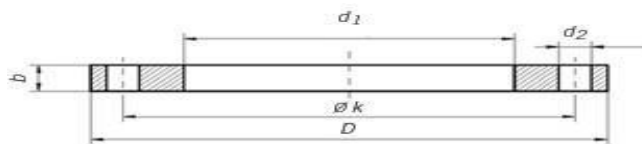
DN	pipe	d1	k	D	b	d2	Thread	Number of drills	Weight kg
100	108,0	109,6	180	220	22	18	M16	8	4,570
125	133,0	134,8	210	250	22	18	M16	8	5,644
150	159,0	161,1	240	285	24	22	M20	8	7,582

EN 1092-1 TYPE 01B PN16



DN	pipe	d1	k	D	j	b	g	d2	Thread	Number of drills	Weight kg
15	21,3	22,0	65	95	2	14	45	14	M12	4	0,593
20	26,9	27,5	75	105	2	16	58	14	M12	4	0,850
25	33,7	34,5	85	115	2	16	68	14	M12	4	1,013
32	42,4	43,5	100	140	2	18	78	18	M16	4	1,670
40	48,3	49,5	110	150	3	18	88	18	M16	4	1,832
50	60,3	61,5	125	165	3	20	102	18	M16	4	2,443
65	76,1	77,5	145	185	3	20	122	18	M16	4	2,985
80	88,9	90,5	160	200	3	20	138	18	M16	8	3,262
100	114,3	116,0	180	220	3	22	158	18	M16	8	4,002
125	139,7	141,5	210	250	3	22	188	18	M16	8	4,954
150	168,3	170,5	240	285	3	24	212	22	M20	8	6,543
200	219,1	221,5	295	340	3	26	268	22	M20	12	9,030
250	273,0	276,5	355	405	3	29	320	26	M24	12	13,213
300	323,9	327,5	410	460	4	32	378	26	M24	12	17,486
350	355,6	359,0	470	520	4	35	438	26	M24	16	26,525
400	406,4	411,0	525	580	4	38	490	30	M27	16	33,832
500	508,0	513,5	650	715	4	46	610	33	M30	20	61,831

EN 1092-1 TYPE 01 PN16



DN	pipe	d1	k	D	b	d2	Thread	Number of drills	Weight kg
10	17,2	18,0	60	90	14	14	M12	4	0,603
15	21,3	22,0	65	95	14	14	M12	4	0,669
20	26,9	27,5	75	105	16	14	M12	4	0,935
25	33,7	34,5	85	115	16	14	M12	4	1,109
32	42,4	43,5	100	140	18	18	M16	4	1,820
40	48,3	49,5	110	150	18	18	M16	4	2,080
50	60,3	61,5	125	165	20	18	M16	4	2,729
65	76,1	77,5	145	185	20	18	M16	4	3,318
65	76,1	77,5	145	185	20	18	M16	8	3,150
80	88,9	90,5	160	200	20	18	M16	8	3,601
100	114,3	116,0	180	220	22	18	M16	8	4,386
125	139,7	141,5	210	250	22	18	M16	8	5,407
150	168,3	170,5	240	285	24	22	M20	8	7,141
200	219,1	221,5	295	340	26	22	M20	12	9,730
250	273,0	276,5	355	405	29	26	M24	12	14,200
300	323,9	327,5	410	460	32	26	M24	12	18,976
350	355,6	359,0	470	520	35	26	M24	16	28,190
400	406,4	411,0	525	580	38	30	M27	16	35,846
450	457,0	462,0	585	640	42	30	M27	20	46,109
500	508,0	513,5	650	715	46	33	M30	20	63,995

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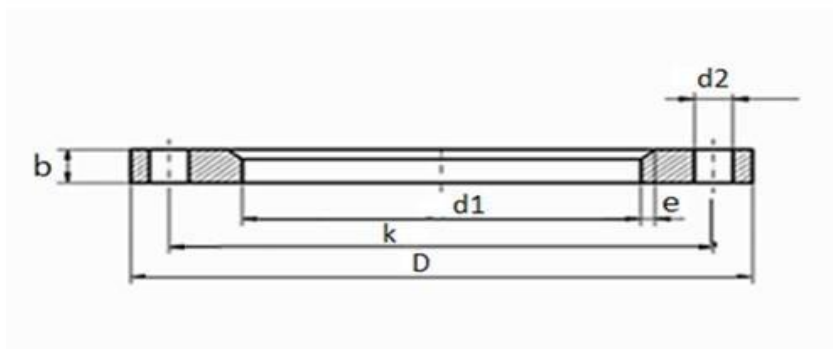
Technical drawing of a shaft with a keyway. The shaft has a total length D and a central section of length d_1 . The keyway has a width b and a depth of $0.5k$. The shaft diameter is labeled as $\varnothing k$. The keyway is located at a distance d_2 from the right end.

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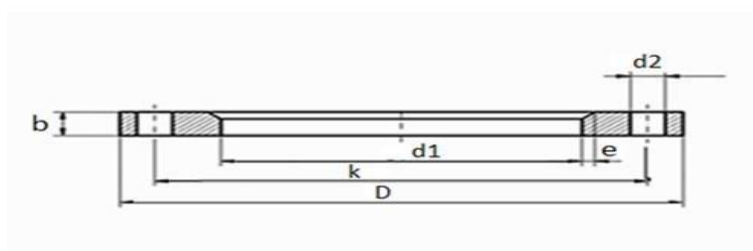
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Technical drawing of a shaft with a keyway. The shaft has a total length D , a central section of length d_1 with a diameter of $\varnothing k$, and two end sections of length d_2 . The keyway has a width b .

[illegible]

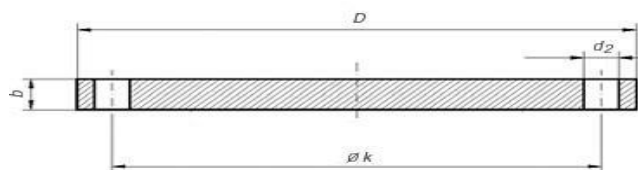
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EN 1092-1 TYPE 02 PN16



DN	D	k	b	d1	d2	e (45°)	Thread	Number of drills	Weight Kg
15	95	65	14	25	14	3	M12	4	0,655
20	105	75	16	31	14	4	M12	4	0,913
25	115	85	16	38	14	4	M12	4	1,081
32	140	100	18	47	18	5	M16	4	1,781
40	150	110	18	53	18	5	M16	4	2,035
50	165	125	20	65	18	5	M16	4	2,668
65	185	145	20	81	18	6	M16	4	3,241
80	200	160	20	94	18	6	M16	8	3,512
100	220	180	22	120	18	6	M16	8	4,247
125	250	210	22	145	18	6	M16	8	5,258
150	285	240	24	174	22	6	M20	8	6,945
200	340	295	26	226	22	6	M20	12	9,383
250	405	355	29	281	26	8	M24	12	13,717
300	460	410	32	333	26	8	M24	12	18,213
350	520	470	35	365	26	8	M24	16	27,184
400	580	525	38	416	30	8	M27	16	34,789

EN 1092-1 TYPE 05 PN6



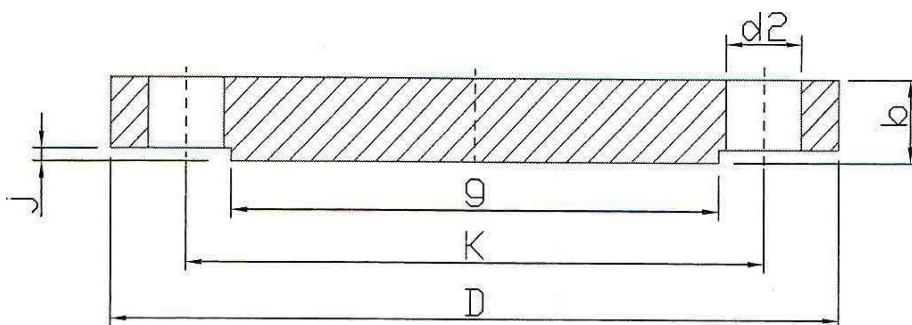
DN	k	D	b	d2	Thread	Number of drills	Weight kg
15	55	80	12	11	M10	4	0,437
20	65	90	14	11	M10	4	0,657
25	75	100	14	11	M10	4	0,821
32	90	120	14	14	M12	4	1,175
40	100	130	14	14	M12	4	1,390
50	110	140	14	14	M12	4	1,623
65	130	160	14	14	M12	4	2,141
80	150	190	16	18	M16	4	3,432
100	170	210	16	18	M16	4	4,220
125	200	240	18	18	M16	8	6,102
150	225	265	18	18	M16	8	7,502
200	280	320	20	18	M16	8	12,301
250	335	375	22	18	M16	12	18,537
300	395	440	22	22	M20	12	25,459
350	445	490	22	22	M20	12	31,763
400	495	540	22	22	M20	16	38,482
450	550	595	24	22	M20	16	51,213
500	600	645	24	22	M20	20	60,096

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Technical drawing of a shaft with a keyway. The shaft has a total length D and a diameter d_2 . A keyway is located at one end, with a width b and a depth of $\frac{1}{2} d_2$. The distance from the end of the shaft to the center of the keyway is labeled as $\varnothing k$.

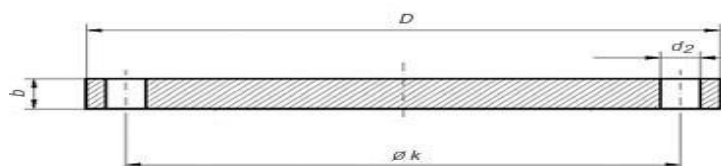
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EN1092-1 TYPE 05B PN 16



DN	k	D	b	d2	Thread	Number of drills	j	g	Weight kg
15	65	95	16	14	M12	4	2	45	0,737
20	75	105	18	14	M12	4	2	58	1,051
25	85	115	18	14	M12	4	2	68	1,280
32	100	140	18	18	M16	4	2	78	1,880
40	110	150	18	18	M16	4	3	88	2,098
50	125	165	18	18	M16	4	3	102	2,583
65	145	185	18	18	M16	4	3	122	3,310
80	160	200	20	18	M16	8	3	138	4,260
100	180	220	20	18	M16	8	3	158	5,247
125	210	250	22	18	M16	8	3	188	7,648
150	240	285	22	22	M20	8	3	212	9,862
200	295	340	24	22	M20	12	3	268	15,496
250	355	405	26	26	M24	12	3	320	23,993
300	410	460	28	26	M24	12	4	378	33,620
400	525	580	32	30	M27	16	4	490	61,482
500	650	715	44	33	M30	20	4	610	129,823

EN 1092-1 TYPE 05 PN16



DN	k	D	b	d2	Thread	Number of drills	Weight kg
15	65	95	16	14	M12	4	0,813
20	75	105	18	14	M12	4	1,136
25	85	115	18	14	M12	4	1,380
32	100	140	18	18	M16	4	2,030
40	110	150	18	18	M16	4	2,352
50	125	165	18	18	M16	4	2,876
65	145	185	18	18	M16	4	3,653
80	160	200	20	18	M16	8	4,610
100	180	220	20	18	M16	8	5,646
125	210	250	22	18	M16	8	8,122
150	240	285	22	22	M20	8	10,487
200	295	340	24	22	M20	12	16,238
250	355	405	26	26	M24	12	24,980
300	410	460	28	26	M24	12	35,110
350	470	520	30	26	M24	16	47,989
400	525	580	32	30	M27	16	63,496
450	585	640	40	30	M27	20	96,525
500	650	715	44	33	M30	20	132,708
600	770	840	54	36	M33	20	226,171

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Technical drawing of a shaft with a keyway. The shaft has a total length D , a keyway of width b , and a diameter d_2 . A dimension line indicates a distance of $\varnothing k$ from the left end to the start of the keyway.

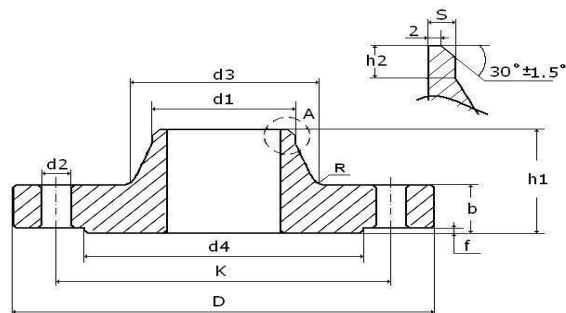
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Technical drawing of a shaft with a keyway. The shaft has a total length D , a keyway width b , and a keyway depth d_2 . The shaft diameter is labeled as $\varnothing k$.

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EN 1092-1 TYPE 11 PN6



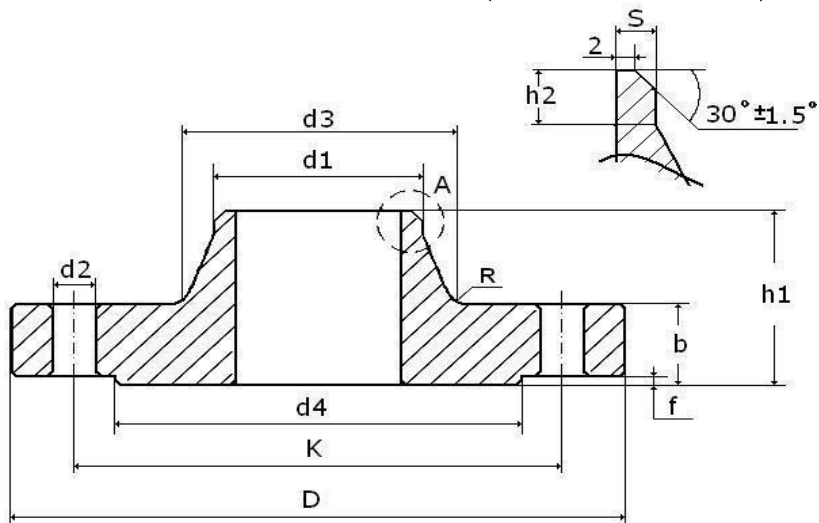
Pipe		Flange				Neck				Raised face		Screws			Weight of a flange
DN	d1	D	b	k	h1	d3	s	r	h2	d4	f	No.holes	Thread	d2	Kg
15	21,3	80	12	55	30	30	2,00	4	6	40	2	4	M10	11	0,408
20	26,9	90	14	65	32	38	2,30	4	6	50	2	4	M10	11	0,621
25	33,7	100	14	75	35	42	2,60	4	6	60	2	4	M10	11	0,762
32	42,4	120	14	90	35	55	2,60	6	6	70	2	4	M12	14	1,110
40	48,3	130	14	100	38	62	2,60	6	7	80	3	4	M12	14	1,260
50	60,3	140	14	110	38	74	2,90	6	8	90	3	4	M12	14	1,430
65	76,1	160	14	130	38	88	2,90	6	9	110	3	4	M12	14	1,770
80	88,9	190	16	150	42	102	3,20	8	10	128	3	4	M16	18	2,880
100	114,3	210	16	170	45	130	3,60	8	10	148	3	4	M16	18	3,410
125	139,7	240	18	200	48	155	4,00	8	10	178	3	8	M16	18	4,650
150	168,3	265	18	225	48	184	4,50	10	12	202	3	8	M16	18	5,500
200	219,1	320	20	280	55	236	6,30	10	15	258	3	8	M16	18	8,600
250	273,0	375	22	335	60	290	6,30	12	15	312	3	12	M16	18	11,700
300	323,9	440	22	395	62	342	7,10	12	15	365	4	12	M20	22	15,300
350	355,6	490	22	445	62	385	7,10	12	15	415	4	12	M20	22	20,300
400	406,4	540	22	495	65	438	7,10	12	15	465	4	16	M20	22	23,100
450	457,0	595	22	550	65	492	7,10	12	15	520	4	16	M20	22	27,000
500	508,0	645	24	600	68	538	7,10	12	15	570	4	20	M20	22	30,800

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Technical drawing of a mechanical part with dimensions and a detail view. The main drawing shows a cross-section of a part with the following dimensions: $d1$, $d2$, $d3$, $d4$, K , D , $h1$, b , and f . A detail view shows a cross-section of a hole with dimensions S , 2 , $h2$, and a taper angle of $30^\circ \pm 1.5^\circ$. A section line is shown in the detail view.

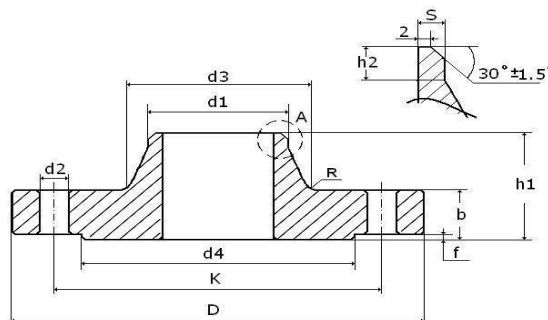
Pipe		Flange				Neck				Raised face		Screws			Weight of a flange
DN	d1	D	b	k	h1	d3	s	r	h2	d4	f	No.holes	Thread	d2	Kg
200	219,1	340	24	295	62	234	6,30	10	16	268	3	8	M20	22	11,600
250	273,0	395	26	350	68	292	6,30	12	16	320	3	12	M20	22	15,800
300	323,9	445	26	400	68	342	7,10	12	16	370	4	12	M20	22	18,300
350	355,6	505	26	460	68	385	7,10	12	16	430	4	16	M20	22	25,300
400	406,4	565	26	515	72	440	7,10	12	16	482	4	16	M24	26	30,600
450	457,0	615	28	565	72	488	7,10	12	16	532	4	20	M24	26	35,100
500	508,0	670	28	620	75	542	7,10	12	16	585	4	20	M24	26	40,500
600	610,0	780	30	725	82	642	8,00	12	18	685	5	20	M27	30	52,900
DN15-DN150: DIMENSIONS IDENTICAL WITH PN16															

EN 1092-1 TYPE 11 PN16 (DIN HOLE)



Pipe		Flange				Neck				Raised face		Screws			Weight of a flange
DN	d_1	D	b	k	h_1	d_3	s	r	h_2	d_4	f	No.holes	Thread	d_2	Kg
100	108,0	220	20	180	52	125	3,6	8	12	158	3	8	M16	18	4,620
125	133,0	250	22	210	55	150	4,0	8	12	188	3	8	M16	18	6,300
150	159,0	285	22	240	55	175	4,5	10	12	212	3	8	M20	22	7,750

EN 1092-1 TYPE 11 PN16



Pipe		Flange				Neck				Raised face		Screws			Weight of a flange
DN	d1	D	b	k	h1	d3	s	r	h2	d4	f	No.holes	Thread	d2	Kg
15	21,3	95	16	65	38	32	2,00	4	6	45	2	4	M12	14	0,768
20	26,9	105	18	75	40	40	2,30	4	6	58	2	4	M12	14	1,090
25	33,7	115	18	85	40	46	2,60	4	6	68	2	4	M12	14	1,300
32	42,4	140	18	100	42	56	2,60	6	6	78	2	4	M16	18	1,910
40	48,3	150	18	110	45	64	2,60	6	7	88	3	4	M16	18	2,150
50	60,3	165	18	125	45	74	2,9	6	8	102	3	4	M16	18	2,530
65	76,1	185	18	145	45	92	2,9	6	10	122	3	4	M16	18	3,120
65	76,1	185	18	145	45	92	2,9	6	10	122	3	8	M16	18	3,030
80	88,9	200	20	160	50	105	3,2	6	10	138	3	8	M16	18	3,920
100	114,3	220	20	180	52	131	3,6	8	12	158	3	8	M16	18	4,620
125	139,7	250	22	210	55	156	4,0	8	12	188	3	8	M16	18	6,300
150	168,3	285	22	240	55	184	4,5	10	12	212	3	8	M20	22	7,810
200	219,1	340	24	295	62	235	6,30	10	16	268	3	12	M20	22	11,500
250	273,0	405	26	355	70	292	6,30	12	16	320	3	12	M24	26	16,700
300	323,9	460	28	410	78	344	7,10	12	16	378	4	12	M24	26	22,100
350	355,6	520	30	470	82	390	8,00	12	16	438	4	16	M24	26	32,800
400	406,4	580	32	525	85	445	8,00	12	16	490	4	16	M27	30	41,100
450	457,0	640	34	585	83	490	8,80	12	16	550	4	20	M27	30	48,500
500	508	715,0	36	650	84	548	8,80	12	16	610	4	20	M30	33	63,400
600	610	840,0	40	770	88	670	11,00	12	18	725	5	20	M33	36	96,000

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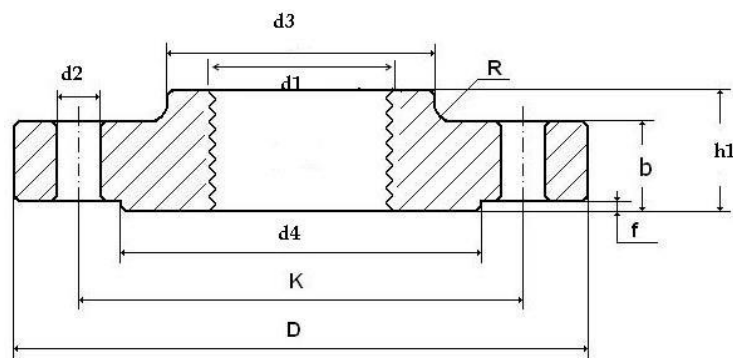
Technical drawing of a mechanical part with dimensions and a detail view. The main drawing shows a cross-section of a part with dimensions: $d1$, $d2$, $d3$, $d4$, K , D , $h1$, b , and f . A detail view shows a cross-section of a fillet with dimensions: S , 2 , $h2$, and an angle of $30^\circ \pm 1.5^\circ$. The detail view also shows a radius R and a point A .

Pipe		Flange				Neck				Raised face		Screws			Weight of a flange
DN	d1	D	b	k	h1	d3	s	r	h2	d4	f	Number	Thread	d2	Kg
200	219,1	360	30	310	80	244	6,3	10	16	278	3	12	M24	26	17,100
250	273	425	32	370	88	298	7,1	12	18	335	3	12	M27	30	24,300
300	323,9	485	34	430	92	352	8,0	12	18	395	4	16	M27	30	31,800
350	355,6	555	38	490	100	398	8,0	12	20	450	4	16	M30	33	48,800
400	406,4	620	40	550	110	452	8,8	12	20	505	4	16	M33	36	63,300
450	457	670	46	600	110	500	8,8	12	20	550	4	20	M33	36	76,000
500	508	730	48	660	125	558	10,0	12	20	615	4	20	M33	36	97,000
DN15-DN150: DIMENSIONS IDENTICAL WITH PN40															

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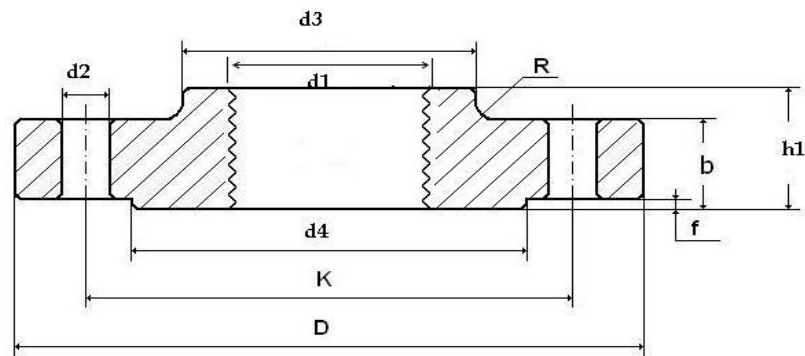
Pipe		Flange				Neck				Raised face		Screws			Weight of a flange
DN	d1	D	b	k	h1	d3	s	r	h2	d4	f	No.holes	Thread	d2	Kg
50	60,3	165	20	125	48	75	2,90	6	8	102	3	4	M16	18	2,850
65	76,1	185	22	145	52	90	2,90	6	10	122	3	8	M16	18	3,680
80	88,9	200	24	160	58	105	3,20	8	12	138	3	8	M16	18	4,780
100	114,3	235	24	190	65	134	3,60	8	12	162	3	8	M20	22	6,460
125	139,7	270	26	220	68	162	4,00	8	12	188	3	8	M24	26	8,860
150	168,3	300	28	250	75	192	4,50	10	12	218	3	8	M24	26	11,700
200	219,1	375	34	320	88	244	6,30	10	16	285	3	12	M27	30	21,000
250	273,0	450	38	385	105	306	7,10	12	18	345	3	12	M30	33	34,200
300	323,9	515	42	450	115	362	8,00	12	18	410	4	16	M30	33	47,600
350	355,6	580	46	510	125	408	8,80	12	20	465	4	16	M33	36	69,300
400	406,4	660	50	585	135	462	11,00	12	20	535	4	16	M36	39	98,000
450	457,0	685	57	610	135	500	12,50	12	20	560	4	20	M36	39	105,000
500	508,0	755	57	670	140	562	14,20	12	20	615	4	20	M39	42	130,000
DN15-DN40: DIMENSIONS IDENTICAL WITH PN16															

EN 1092-1 TYPE 13 PN6



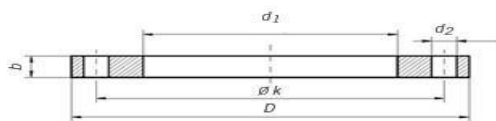
DN	Ø	d	g	m	f	k	D	b	l	h	r	Thread	Number of drills	Weight kg
25	Rp 1"	33,7	60,0	50,0	2,0	75	100	14	11	24	4	M10	4	0,729
32	Rp 1-1/4"	42,4	70,0	60,0	2,0	90	120	14	14	26	6	M12	4	1,040
40	Rp 1-1/2"	48,3	80,0	70,0	3,0	100	130	14	14	26	6	M12	4	1,200
50	Rp 2"	60,3	90,0	80,0	3,0	110	140	14	14	28	6	M12	4	1,340
65	Rp 2-1/2"	76,1	110,0	100,0	3,0	130	160	14	14	32	6	M12	4	1,830
80	Rp 3"	88,9	128,0	110,0	3,0	150	190	16	18	34	8	M16	4	2,750
100	Rp 4"	114,3	148,0	130,0	3,0	170	210	16	18	40	8	M16	4	3,010

EN 1092-1 TYPE 13 PN16



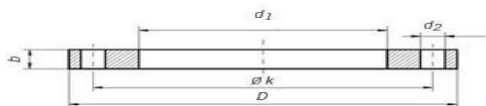
DN	Ø	d1	d4	d3	f	K	D	b	d2	h1	R	Thread	Number of drills	Weight kg
15	Rp 1/2"	21,3	45,0	35,0	2,0	65	95	16	14	22	4	M12	4	0,722
20	Rp 3/4"	26,9	58,0	45,0	2,0	75	105	18	14	26	4	M12	4	1,040
25	Rp 1"	33,7	68,0	52,0	2,0	85	115	18	14	28	4	M12	4	1,250
32	Rp 1-1/4"	42,4	78,0	60,0	2,0	100	140	18	18	30	6	M16	4	1,810
40	Rp 1-1/2"	48,3	88,0	70,0	3,0	110	150	18	18	32	6	M16	4	2,060
50	Rp 2"	60,3	102,0	84,0	3,0	125	165	18	18	28	6	M16	4	2,430
65	Rp 2-1/2"	76,1	122,0	104,0	3,0	145	185	18	18	32	6	M16	4	3,180
65	Rp 2-1/2"	76,1	122,0	104,0	3,0	145	185	18	18	32	6	M16	8	2,970
80	Rp 3"	88,9	138,0	118,0	3,0	160	200	20	18	34	6	M16	8	4,120
100	Rp 4"	114,3	158,0	140,0	3,0	180	220	20	18	40	8	M16	8	4,470
125	Rp 5"	139,7	188,0	168,0	3,0	210	250	22	18	44	8	M16	8	6,130
150	Rp 6"	168,3	212,0	195,0	3,0	240	285	22	22	44	10	M20	8	7,920

UNI 2276 PN6



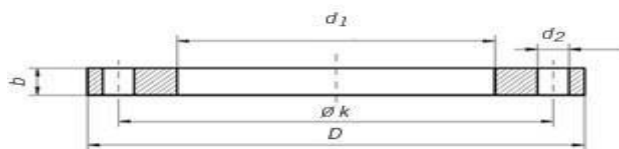
DN	pipe	d1	k	D	b	d2	Thread	Number of drills	Weight kg
600	609,6	612,6	705	755	30	25	M22	20	33,691
700	711,2	714,2	810	860	32	25	M22	24	42,301
800	812,8	815,8	920	975	34	30	M27	24	55,207
900	914,4	917,4	1020	1075	36	30	M27	24	64,867
1000	1016	1019	1120	1175	36	30	M27	28	70,338
1200	1220	1224	1340	1405	38	33	M30	32	103,267
1400	1420	1424	1560	1630	40	36	M33	36	143,573

UNI 2277 PN10



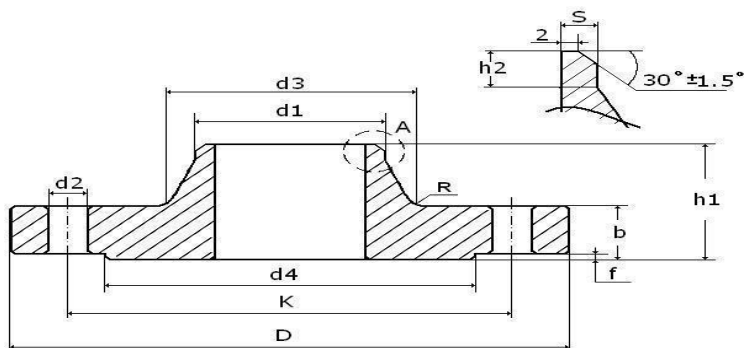
DN	pipe	d1	k	D	b	d2	Thread	Number of drills	Weight kg
80	88,9	90,0	160	200	20	18	M16	4	3,772
500	508,0	511,0	620	670	34	25	M22	20	36,724
600	609,6	612,6	725	780	36	30	M27	20	47,723
700	711,2	714,2	840	895	38	30	M27	24	63,071
800	812,8	815,8	950	1015	40	33	M30	24	83,451
900	914,4	917,4	1050	1115	42	33	M30	28	96,049
1000	1016,0	1019,0	1160	1230	44	36	M33	28	118,827
1200	1220,0	1224,0	1380	1445	46	39	M36	32	153,404
1400	1420,0	1424,0	1590	1675	48	43	M39	36	210,390

UNI 2278 PN16



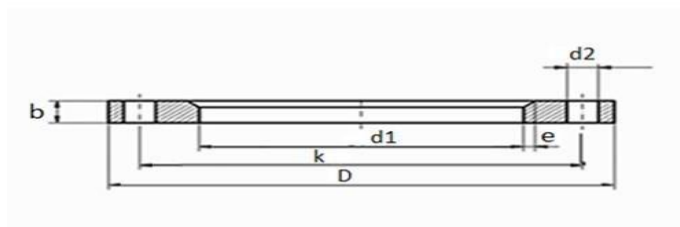
DN	pipe	d1	k	D	b	d2	Thread	Number of drills	Weight kg
500	508,0	511,0	650	715	42	33	M30	20	59,094
600	609,6	612,6	770	840	44	36	M33	20	82,535
700	711,2	714,2	840	910	46	36	M33	24	81,330
800	812,8	815,8	950	1025	48	39	M36x3	24	103,109
900	914,4	917,4	1050	1125	50	39	M36x3	28	117,518
1000	1016,0	1019,0	1170	1255	50	42	M36x3	28	149,752
1200	1220,0	1224,0	1390	1485	52	48	M45	32	202,939

UNI 2281 PN10



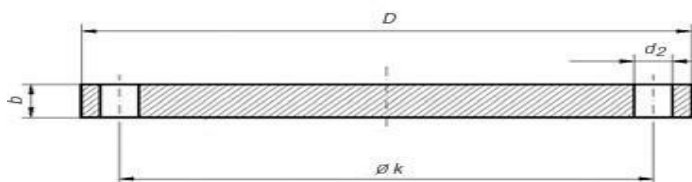
Pipe		Flange				Neck				Raised face		Screws			Weight
DN	d1	D	b	k	h1	d3	s	r	h2	d4	f	No.	Thread	d2	Kg
80	88,9	200	20	160	50	105	3,20	8	10	138	3	4	M16	18	4,200

UNI6089 PN10



DN	D	k	b	d1	d2	e (45°)	Thread	Number of drills	Weight Kg
80	200	160	18	94	18	5	M16	4	3,305

UNI 6092 PN10



DN	k	D	b	d2	Thread	Number of drills	Weight kg
80	160	200	20	18	M16	4	4,758