EN 1092-1 Type 01 Plate Flange



EN 1092-1 Type 01 Plate Flange

Category EN 1092-1:2007 Flange

Product Details:

Place of Origin:	**CHINA**
Brand Name:	**XINFENG**

Certification:	**ISO, CE**
Model Number:	**EN1092-1 PN06-100**
Pressure:	**PN06-100**
Material:	**Carbon steel P235GH; P245GH; P250GH; P265GH; P280GH; Stainless steel ASTM A182 F304/304L; F316/316L; F321; F51**

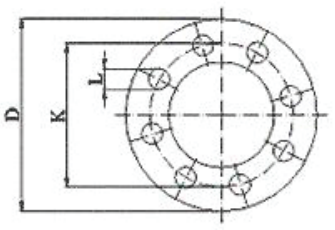
Payment & Shipping Terms:

Minimum Order Quantity:	**2TONS**
Packaging Details:	**PLYWOOD CASES AND PALLETS**
Payment Terms:	**L/C, D/P, T/T**
Delivery Time:	**10-45DAYS**
Supply Ability:	**5000TONS/MONTH**

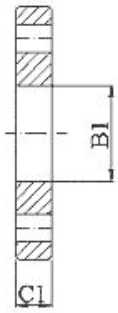
Product Inquiry

Related Products

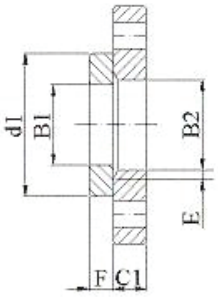
Dimensions of PN 10 Flanges EN 1092-1



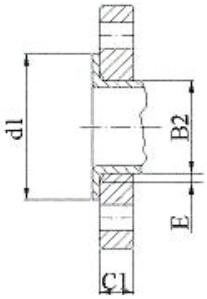
Na risbi narisano število luken prikazuje le razpored le teh po delilnem krogu. Dejansko število luken je razvidno iz tabele.



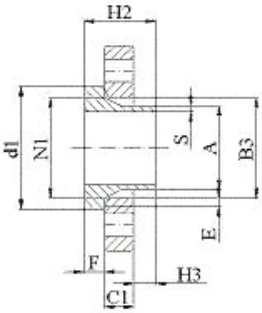
Typ 01



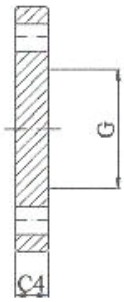
Typ 02 in 32



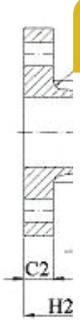
Typ 02 in 33



Typ 04 in 34



Typ 05



Typ 1

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NOTE 1: Dimensions N1, N2 and N3 are measured at the intersect flange.

NOTE 2: For d1 dimensions see document "Flange facing accordin_____"

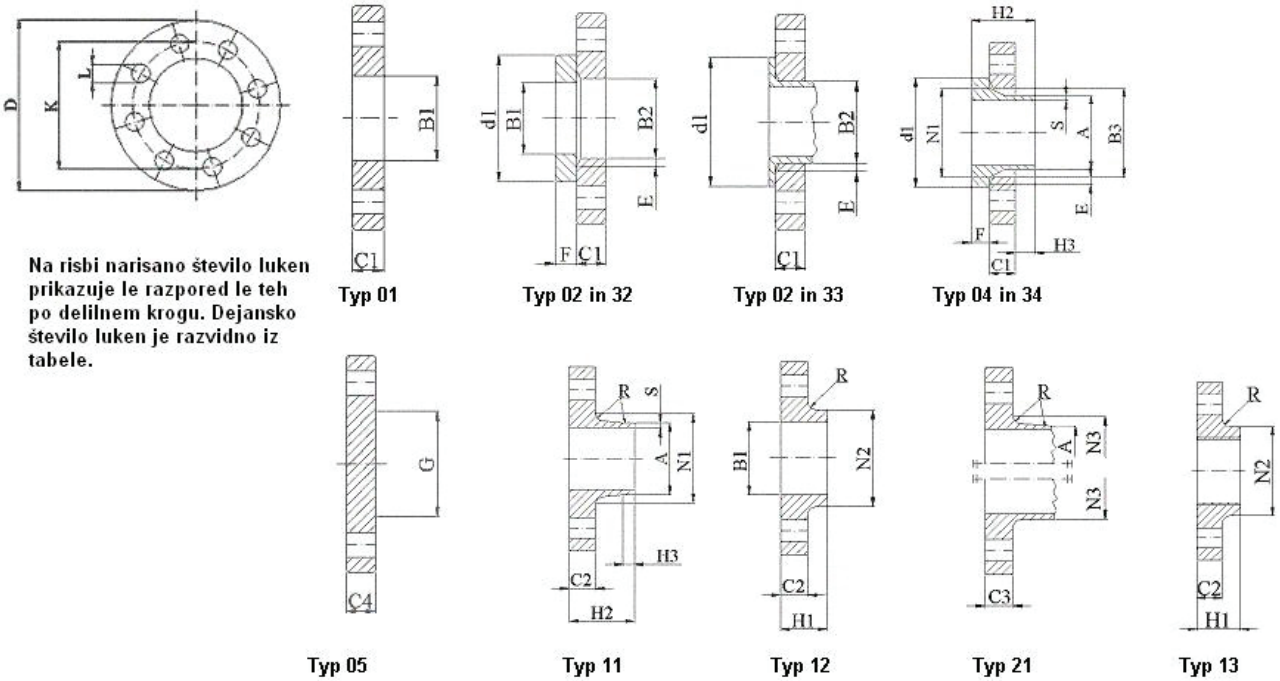
Dimensions in mm

Nominal diametar DN	Mating dimensions					Outside diameter of neck	Bore diameters			Flange thickness				Chamfer	Collar thickness	Diameter of shoulders	Length			Neck diameters			Corner radius	Neck thickness (preferred vallue)
	Outside diameter	Diameter of bolt circle	Diameter of bolt hole	Bolting																				
	D	K	L	No	Size	A	B1	B2	B3	C1	C2	C3	C4	E	F	G max.	H1	H2	H3	N1	N2	N3	R	S
Flange Type																								
	01, 02, 05, 11, 12, 21					11 21* 34	01 12 32	02	04	01 02 04	11 12	21	05	02 04	32 34	05	12	11 34	11 34	11 34	12	21	11 12 21	11 34
10 15 20 25 32 40	Use PN40 dimensions	Use PN40 dimensions																						
50 65 80 100 125 150	Use PN 16 dimensions	Use PN 16 dimensions																						
200	340	295	22	8	M20	219,1	221,5	226	240	24	24	24	24	6	20	190	44	62	16	234	246	246	10	5,9
250	395	350	22	12	M20	273,0	276,5	218	294	26	26	26	26	8	22	235	46	68	16	292	298	298	12	6,3
300	445	400	22	12	M20	323,9	327,5	333	348	26	26	26	26	8	22	285	46	68	16	342	350	348	12	7,1
350	505	460	22	16	M20	335,6	359,5	365	400	28	26	26	26	8	22	330	53	68	16	385	400	408	12	7,1
400	565	515	26	16	M24	406,4	411,0	416	450	32	26	26	26	8	24	380	57	72	16	440	456	456	12	7,1
450	615	565	26	20	M24	457,0	462,0	467	498	36	28	28	28	8	24	425	63	72	16	488	502	502	12	7,1
500	670	620	26	20	M24	508,0	513,5	519	550	38	28	28	28	8	26	475	67	75	16	542	559	559	12	7,1
600	780	725	30	20	M27	610,0	616,5	622	650	42	34	34	34	8	26	575	75	80	18	642	658	658	12	7,1
700	895	840	30	24	M27	711,1	-	-	-	-	30	34	38	-	-	670	-	80	18	746	-	772	12	8,0
800	1015	950	33	24	M30	813	-	-	-	-	32	36	42	-	-	770	-	90	18	850	-	876	12	8,0
900	1115	1050	33	28	M30	914	-	-	-	-	34	38	46	-	-	860	-	95	20	950	-	976	12	10,0
1000	1230	1160	36	28	M33	1016	-	-	-	-	34	38	52	-	-	960	-	95	20	1052	-	1080	16	10,0
1200	1455	1380	39	32	M36	1219	-	-	-	-	38	44	60	-	-	1160	-	115	25	1256	-	1292	16	11,0
1400	1675	1590	42	36	M39	1422	-	-	-	-	42	48	-	-	-	1346	-	120	25	1460	-	1496	16	12,0
1600	1915	1820	48	40	M45	1626	-	-	-	-	46	52	-	-	-	1546	-	130	25	4666	-	1712	16	14,0
1800	2115	2020	48	44	M45	1829	-	-	-	-	50	56	-	-	-	1746	-	140	30	4868	-	1910	16	15,0
2000	2325	2230	48	48	M45	2032	-	-	-	-	54	60	-	-	-	1950	-	150	30	2072	-	2120	16	16,0
2200	2550	2440	56	52	M52	2235	-	-	-	-	58	-	-	-	-	-	-	160	35	2275	-	-	18	18,0
2400	2760	2650	56	56	M52	2438	-	-	-	-	62	-	-	-	-	-	-	170	35	2478	-	-	18	20,0
2600	2960	2850	56	60	M52	2620	-	-	-	-	66	-	-	-	-	-	-	180	40	2680	-	-	18	22,0
2800	3180	3070	56	64	M52	2820	-	-	-	-	70	-	-	-	-	-	-	190	40	2882	-	-	18	22,0
3000	3405	3290	62	68	M56	3020	-	-	-	-	75	-	-	-	-	-	-	200	45	3085	-	-	18	24,0

* For flanges type 21 the outside hub diameter approximately corresponds to the outside pipe diameter,

NOTE: The p/t ratings from EN 1092-1 apply only for flange types 05, 11, 12, 13 and 21 having nominal sizes up to and including DN 600. The p/t rating of all other flanges shall be agreed between the manufacturer and the purchaser.

Dimensions of PN 16 Flanges EN 1092-1



NOTE 1: Dimensions N1, N2 and N3 are measured at the intersection of the hub draft angle and the back face of the flange.

NOTE 2: For d1 dimensions see document "Flange facing according to EN 1092-1".

Dimensions in mm

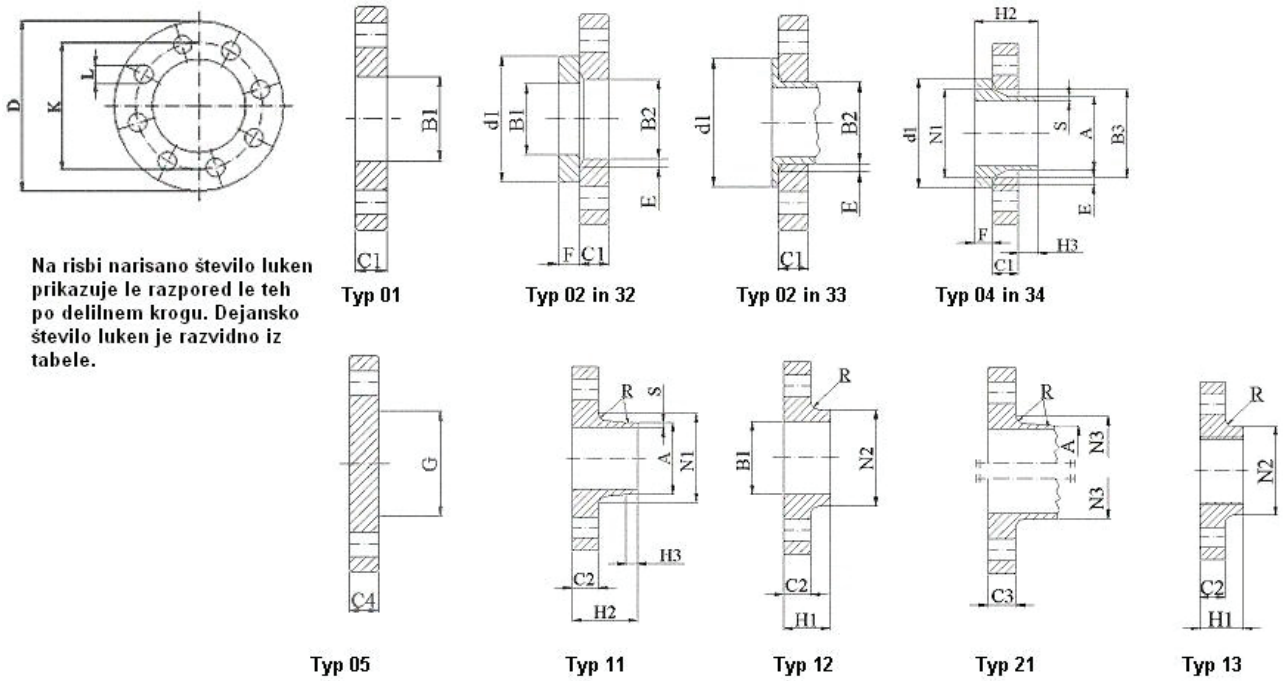
Nominal diametar DN	Mating dimensions					Outside diameter of neck	Bore diameters			Flange thickness				Chamfer	Collar thickness	Diameter of shoulders	Length			Neck diameters			Corner radius	Neck thickness (preferred vallue)
	Outside diameter	Diameter of bolt circle	Diameter of bolt hole	Bolting																				
	D	K	L	No	Size	A	B1	B2	B3	C1	C2	C3	C4	E	F	G max.	H1	H2	H3	N1	N2	N3	R	S
	Flange Type																							
	01, 02, 05, 11, 12, 21					11 21* 34	01 12 32	02	04	01 02 04	11 12 13	21	05	02 04	32 34	05	12 13	11 34	11 34	11 34	12 13	21	11 12 13 21	11 34
10 15 20 25 32 40	Use PN 40 dimensions																							
50	165	125	18	4	M16	60,3	61,5	65	77	19	18	18	18	5	16	-	28	45	8	74	84	84	5	2,9
65	185	145	18	**	M16	76,1	77,5	81	96	20	18	18	18	6	16	55	32	45	10	92	104	104	6	2,9
80	200	160	18	8	M16	88,9	90,5	94	108	20	20	20	20	6	16	70	34	50	10	105	118	120	6	3,2
100	220	180	18	8	M16	114,3	116,0	120	134	22	20	20	20	6	18	90	40	52	12	131	140	140	8	3,6
125	250	210	18	8	M16	139,7	141,5	145	162	22	22	22	22	6	18	115	44	55	12	156	168	170	8	4,0
150	285	240	22	8	M20	168,3	170,5	174	188	24	22	22	22	6	20	140	44	55	12	184	195	190	10	4,5
200	340	295	22	12	M20	219,1	221,5	226	240	26	24	24	24	6	20	190	44	62	16	235	246	246	10	5,9
250	405	355	26	12	M24	273,0	276,5	281	294	29	26	26	26	8	22	235	46	70	16	292	298	296	12	6,3
300	460	410	26	12	M24	323,9	327,5	333	348	32	28	28	28	8	24	285	46	78	16	344	350	350	12	7,1
350	520	470	26	16	M24	355,6	359,0	365	400	35	30	30	30	8	26	330	57	82	16	390	400	410	12	8,0
400	580	525	30	16	M27	406,4	411,0	416	454	38	32	32	32	8	28	380	63	85	16	445	456	458	12	8,0
450	640	585	30	20	M27	457,0	462,0	467	500	42	40	40	40	8	30	425	68	87	16	490	502	516	12	8,0
500	715	650	33	20	M30	508,0	513,5	510	556	46	44	44	44	8	32	475	73	90	16	548	559	576	12	8,0
600	840	770	36	20	M33	610,0	616,5	622	660	52	54	54	54	8	32	575	83	95	18	652	658	690	12	8,8
700	910	840	36	24	M33	711,0	-	-	-	-	36	42	48	-	-	670	83	100	18	755	760	760	12	8,8
800	1025	950	39	24	M36	813,0	-	-	-	-	38	42	52	-	-	770	90	105	20	855	864	862	12	10,0
900	1125	1050	39	28	M36	914,0	-	-	-	-	40	44	58	-	-	860	94	110	20	955	968	962	12	10,0
1000	1255	1170	42	28	M39	1016,0	-	-	-	-	42	46	64	-	-	960	100	120	22	1058	1072	1076	16	10,0
1200	1485	1390	48	32	M45	1219,0	-	-	-	-	48	52	76	-	-	1160	-	130	30	1262	-	1282	16	12,5
1400	1685	1590	48	36	M45	1422,0	-	-	-	-	52	58	-	-	-	1346	-	145	30	1465	-	1482	16	14,2
1600	1930	1820	56	40	M52	1626,0	-	-	-	-	58	64	-	-	-	1546	-	160	35	1668	-	1696	16	16,0
1800	2130	2020	56	44	M52	1829,0	-	-	-	-	62	68	-	-	-	1746	-	170	35	1870	-	1896	16	17,5
2000	2345	2230	62	48	M56	2032,0	-	-	-	-	66	70	-	-	-	1950	-	180	40	2072	-	2100	16	20,0

* For flanges type 21 the outside hub diameter approximately corresponds to the outside pipe diameter,

** 8 holes is preferred however 4 holes may be supplied upon special request by the purchaser.

NOTE: The p/t ratings from EN 1092-1 apply only for flange types 05, 11, 12, 13 and 21 having nominal sizes up to and including DN 600. The p/t rating of all other flanges shall be agreed between the manufacturer and the purchaser.

Dimensions of PN 40 Flanges EN 1092-1



NOTE 1: Dimensions N1, N2 and N3 are measured at the intersection of the hub draft angle and the back face of the flange.

NOTE 2: For d1 dimensions see document "Flange facing according to EN 1092-1".

Dimensions in mm

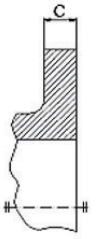
Nominal diametar DN	Mating dimensions					Outside diameter of neck	Bore diameters			Flange thickness				Chamfer	Collar thickness	Diameter of shoulders	Length			Neck diameters			Corner radius	Neck thickness (preferred vallue)
	Outside diameter	Diameter of bolt circle	Diameter of bolt hole	Bolting																				
	D	K	L	No	Size	A	B1	B2	B3	C1	C2	C3	C4	E	F	G max	H1	H2	H3	N1	N2	N3	R	S
	Flange Type																							
	01, 02, 05, 11, 12, 13, 21					11 21* 34	01 12 32	02	04	01 02 04	11 12 13	21	05	02 04	32 34	05	12 13	11 34	11 34	11 34	12 13	21	11 12 13 21	11 34
10	90	60	14	4	M12	17,2	18,0	21	31	14	16		16	3	12	-	22	35	6	28	30	28	4	1,8
15	95	65	14	4	M12	21,3	22,0	25	35	14	16		16	3	12	-	22	38	6	32	35	32	4	2,0
20	105	75	14	4	M12	26,9	27,5	31	42	16	18		18	4	14	-	26	40	6	40	45	40	4	2,3
25	115	85	14	4	M12	33,7	34,5	38	49	16	18		18	4	14	-	28	40	6	46	52	52	4	2,6
32	140	100	18	4	M16	42,4	43,5	47	59	18	18		18	5	14	-	30	42	6	56	60	60	6	2,6
40	150	110	18	4	M16	48,3	49,5	53	67	18	18		18	5	14	-	32	45	7	64	70	70	6	2,6
50	165	125	18	4	M16	60,3	61,5	65	77	20	20		20	5	16	-	34	48	8	75	84	84	6	2,9
65	185	145	18	8	M16	76,1	77,5	81	96	22	22		22	6	16	55	38	52	10	90	104	104	6	2,9
80	200	160	18	8	M16	88,9	90,5	94	114	24	24		24	6	18	70	40	58	12	105	118	120	8	3,2
100	235	190	22	8	M20	114,3	116,0	120	138	26	24		24	6	20	90	44	65	12	134	145	142	8	3,6
125	270	220	26	8	M24	139,7	141,5	145	166	28	26		26	6	22	115	48	68	12	162	170	162	8	4,0
150	300	250	26	8	M24	168,3	170,5	174	194	30	28		28	6	24	140	52	75	12	192	200	192	10	4,5
200	375	320	30	12	M27	219,1	221,5	226	250	36	34		36	6	28	190	52	88	16	244	260	254	10	6,3
250	450	385	33	12	M30	273,0	276,5	281	312	42	38		38	8	30	235	60	105	18	306	312	312	12	7,1
300	515	450	33	16	M30	323,9	327,5	333	368	48	42		42	8	34	285	67	115	18	362	380	378	12	8,0
350	580	510	36	16	M33	355,6	359,5	365	418	54	46		46	8	36	330	72	125	20	408	424	432	12	8,8
400	660	585	39	16	M36	406,4	411,0	416	472	60	50		50	8	42	380	78	135	20	462	478	498	12	11,0
450	685	610	39	20	M36	457,0	462,0	467	510	66	57		57	8	46	425	84	135	20	500	522	522	12	12,5
500	755	670	42	20	M39	508,0	513,5	519	572	72	57		57	8	50	475	90	140	20	562	576	576	12	14,2
600	890	795	48	20	M45	610,0	616,5	622	676	84	72		72	8	54	575	100	150	20	666	686	686	12	16,0

* For flanges type 21 the outside hub diameter approximately corresponds to the outside pipe diameter,

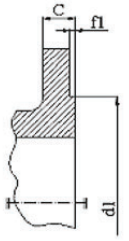
NOTE: The p/t ratings from EN 1092-1 apply only for flange types 05, 11, 12, 13 and 21 having nominal sizes up to and including DN 600. The p/t rating of all other flanges shall be agreed between the manufacturer and the purchaser.

FLANGES according to EN 1092-1

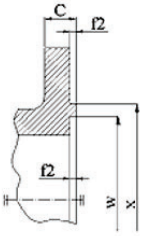
Flange facing dimensions according to EN 1092-1 standard



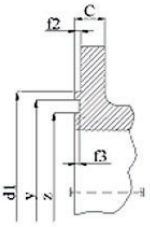
Type A
flat face



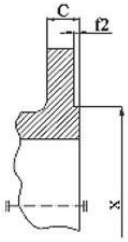
Type B
raised face



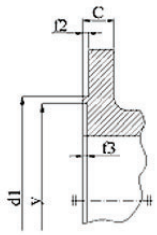
Type C
tongue face



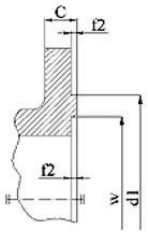
Type D
groove face



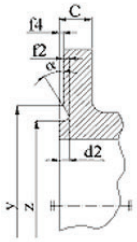
Type E
spigot



Type F
recces



Type G
O ring recess



Type H
O ring groove

DN	PN 25	PN 40	PN 63	PN 100(160)	f_1	f_2	f_3	f_4	w	x	y	z	α	d_2
	d_1													
	[mm]													
10	Use PN 100 dimensions			40	2	4	3	2	24	34	35	23		5
15				45					29	39	40	28		
20				58					36	50	51	35	41 °	
25				68					43	57	58	42		
32				78					51	65	66	50		
40				88					61	75	76	60		
50				102					73	87	88	72		
65				122					95	109	110	94		
80				138					106	120	121	105		
100	162	162	162	162		4,5	3,5	3	129	149	150	128	32 °	6
125	188	188	188	188					155	175	176	154		
150	218	218	218	218					183	203	204	182		
200	278	285	285	285					239	259	260	238		
250	335	345	345	345					292	312	313	291		
300	395	410	410	410					343	363	364	342		
350	450	465	465	465		5	4	3	395	421	422	394	27°	7

* For PN 160 flnages form can be only B2, C and D

Package



Keyword: Type 01 Plate Flange

Product Inruiry

Our staff will contact you within 24 hours (working days). If you need other services, please call the service hotline:+86-317-6725755

Please enter your name

Please enter your E-mail （*）

Please enter skype or whatsapp