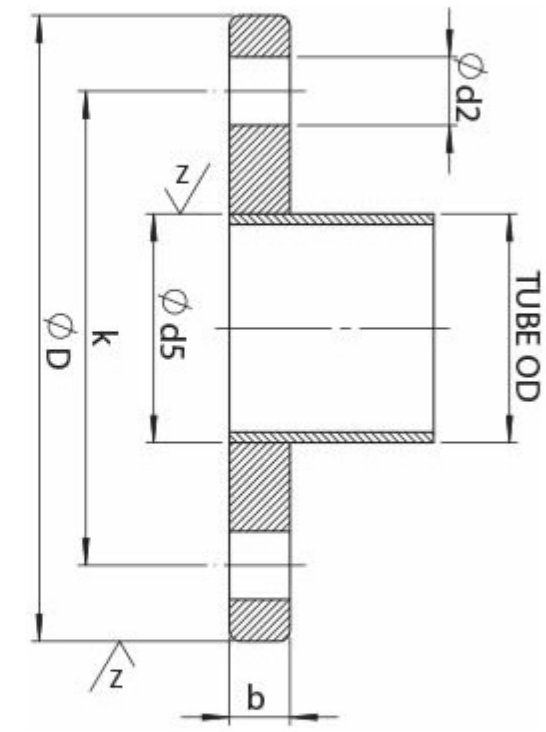
EN 1092-1 Standard

PN25 - FLANGES WELD ON PIPES (Type 1 B)





Standards:
EN 1092-1, EN 10222-5

Nominal Diameter		Tube Outside Diameter	DIMENSIONS															BOLT		
			D	k	d4	b	b1	b2	d	d5		s	f	h1	h2	d3	r	e			
DIN	ANSI									metric	ISO								d2	No	BOLT
DN 10	3/8"	17.2	90	60	40	14	16	14	18	16	19	1.8	2	35	6	28	4	3	14	4	M 12
DN 15	1/2"	21.3	95	65	45	14	16	14	22	22	24	2	2	38	6	32	4	3	14	4	M 12
DN 20	3/4"	26.9	105	75	58	16	18	14	27.5	28	30	2.3	2	40	6	40	4	4	14	4	M 12
DN 25	1"	33.7	115	85	68	16	18	16	34.5	33	36	2.6	2	40	6	46	4	4	14	4	M 12
DN 32	1 1/4"	42.4	140	100	78	18	18	16	43.5	42	46	2.6	2	42	6	56	6	5	18	4	M 16
DN 40	1 1/2"	48.3	150	110	88	18	18	16	49.5	50	54	2.6	3	45	7	64	6	5	18	4	M 16
DN 50	2"	60.3	165	125	102	20	20	20	61.5	62	65	2.9	3	48	8	75	6	5	18	4	M 16
DN 65	2 1/2"	76.1	185	145	122	22	22	22	77.5	74	81	2.9	3	52	10	90	6	6	18	8	M 16
DN 80	3"	88.9	200	160	138	24	24	24	90.5	91	95	3.2	3	58	12	105	8	6	18	8	M 16
DN 100	4"	114.3	235	190	162	26	24	26	116	113	119	3.6	3	65	12	134	8	6	22	8	M 20
DN 125	5"	139.7	270	220	188	28	26	28	141.5	138	145	4	3	68	12	162	8	6	26	8	M 24
DN 150	6"	168.3	300	250	218	30	28	30	170.5	164	173	4.5	3	75	12	192	10	6	26	8	M 24
DN 200	8"	219.1	360	310	278	32	30	32	221.5	210	225	6.3	3	80	16	244	10	6	26	12	M 27
DN 250	10"	273	425	370	335	35	32	35	276.5	273	279	7.1	3	88	18	298	12	8	30	12	M 27
DN 300	12"	323.9	485	430	395	38	34	38	327.5	316	330	8	4	92	18	352	12	8	30	16	M 27
DN 350	14"	355.6	555	490	450	42	38	42	359.5	360	372	8	4	100	20	398	12	8	33	16	M 30
DN 400	16"	406.4	620	550	505	46	40	46	411	413	426	8.8	4	110	20	452	12	8	36	16	M 33
DN 450	18"	457	670	600	555	50	46	50	462	464	464	8.8		110	20	500	12	8	36	20	M 33
DN 500	20"	508	730	660	615	56	48	56	513.5	517	517	10	4	125	20	558	12	8	36	20	M 33
DN 600	24"	609.6	845	770	720	68	58	68	616.5	618	618	11	5	125	20	660	12		39	20	M 36
DN 700	28"	711.2	960	875	820	85	46			721	721	12.5	5	125	20	760	12		42	24	M 39
DN 800	32"	812.8	1085	990	930	95	50			824	824	14.2	5	135	22	864	12		48	24	M 45
DN 900	36"	914.4	1158	1090	1030		54					16	5	145	24	968	12		48	28	M 45
DN 1000	40"	1016	1320	1210	1140		58					17.5	5	155	24	1070	16		56	28	M 52
DN 1200	48"	1219.2	1530	1420	1350												18		56	32	M 52