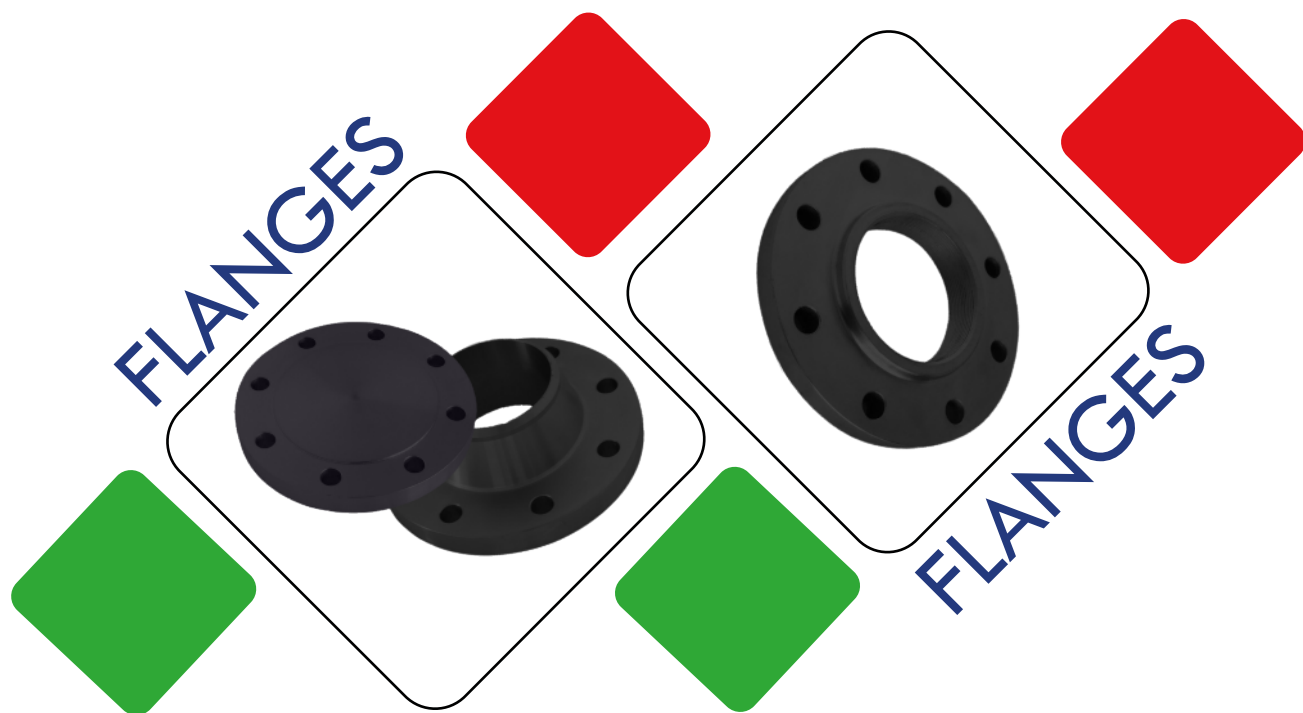


flowconME

Control the flow!



flowIT

Types of Flanges Available

- Notes:**
- Weld Neck
 - Slip On
 - Blind
 - Slip On Plate (No Hub)
 - Lap Joint
 - Threaded
 - Socket Welding

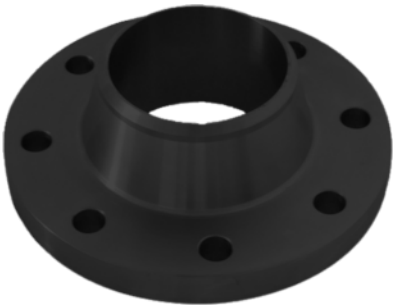
Available Material & Specifications

Description	Material
Carbon Steel	A105, A350 LF2, A694 F42/46/52/60/65/70
Alloy Steel	A182 F1 / F5 / F9 / F11 / F12 / F22 / F91, A350 LF3
Stainless Steel	A182, F304 / 304L, F316 / 316L, 321 / 321H
Others	Titanium, Aluminium, Copper - Nickle Alloy and more

Standards / Working Pressures / Sizes

European	EN1092-1 / BS4504 / DIN 2527 / DIN 2632 / DIN 2633 / DIN 2635 / DIN 2637
	Upto PN 160
American	ASME B16.5 / ASME B16.47A (MSS SP44) / ASME B16.47B (API605)
	Upto Class 2500 lbs
Sizes	DN 15 - DN 3000

WELD NECK

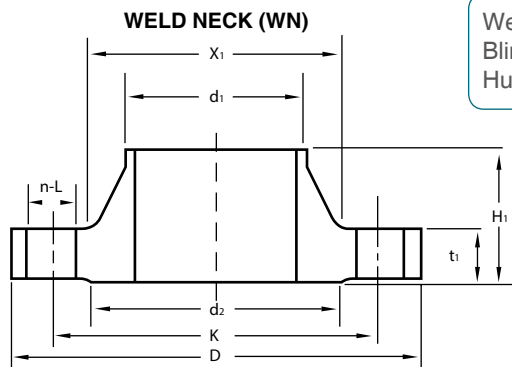


SLIP-ON (HUBBED)



BLIND

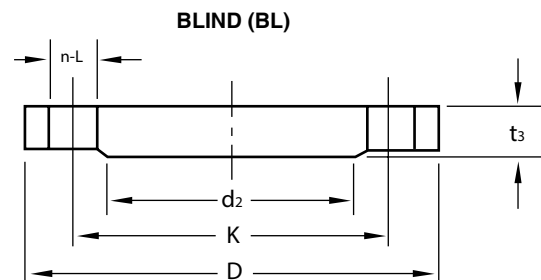
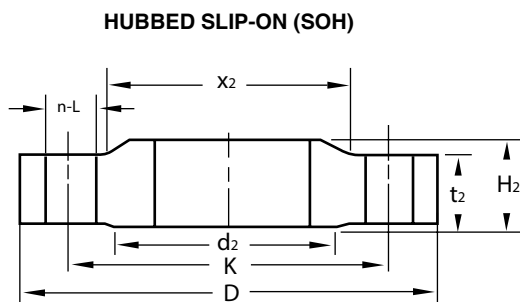




Welding Neck Flange conforms to BS EN1092-1 / BS4504 / DIN2633
Blind Flange conforms to BS EN1092-1 / BS4504 / DIN2527
Hubbed Slip-On Flange conforms to BS EN1092-1 / BS4504

Notes:

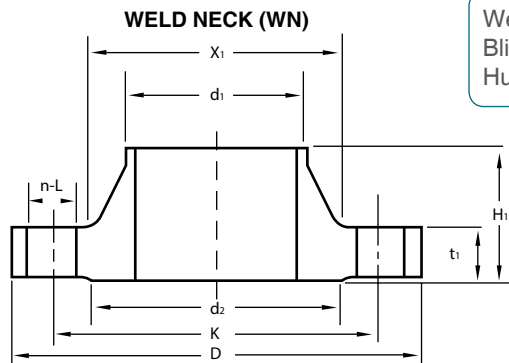
- Also available as
 - A. Slip On Plate (no Hub)
 - B. Lap Joint
 - C. Threaded
 - D. Socket Welding
 (Subject to minimum quantities)
- Higher sizes available upon request
- Sizes under 65mm available, subject to minimum quantities



Dimensions

Nominal Diameter		O.D. of Pipe	O.D. of Flange	Diameter Male	Pitch Circle Diameter	Diameter of Bolt Holes	Bolting		Thickness of Flange			Height of Flange		Diameter at Base of Hub	
(mm)	(inch)						No.	Size	WN	SOH	BL				
DN	NPS	d1	D	d2	K	L	n		t1	t2	t3	H1	H2	X1	X2
10	3/8	17.2	90	41	60	14	4	M12	14	14	14	35	22	28	30
15	1/2	21.3	95	46	65	14	4	M12	14	14	14	38	22	32	35
20	3/4	26.9	105	56	75	14	4	M12	16	16	16	40	26	40	45
25	1	33.7	115	65	85	14	4	M12	16	16	16	40	28	46	52
32	1 1/4	42.4	140	76	100	18	4	M16	18	18	18	42	30	56	60
40	1 1/2	48.3	150	84	110	18	4	M16	18	18	18	45	32	64	70
50	2	60.3	165	99	125	18	4	M16	20	20	20	48	34	74	84
65	2 1/2	76.1	185	118	145	18	4	M16	20	20	20	48	32	92	104
80	3	88.9	200	132	160	18	8	M16	20	20	20	50	34	110	118
100	4	114.3	220	156	180	18	8	M16	22	22	22	52	40	130	140
125	5	139.7	250	184	210	18	8	M16	22	22	22	55	44	158	168
150	6	168.3	285	211	240	22	8	M20	24	24	24	55	44	184	195
200	8	219.1	340	266	295	22	12	M20	24	24	24	62	44	234	246
250	10	273	405	319	355	26	12	M24	26	26	26	70	46	288	298
300	12	323.9	460	370	410	26	12	M24	28	28	28	78	53	342	350
350	14	355.6	520	429	470	26	16	M24	30	30	30	82	57	390	400
400	16	406.4	580	480	525	30	16	M27	32	32	32	85	63	444	456
450	18	457	640	530	585	30	20	M27	34	34	36	87	68	490	502
500	20	508	715	582	650	33	20	M30	34	34	36	90	73	546	559
600	24	610	840	682	770	36	20	M33	36	36	44	95	83	650	658

All dimensions are nominal (indicative). Actual dimensions may vary.

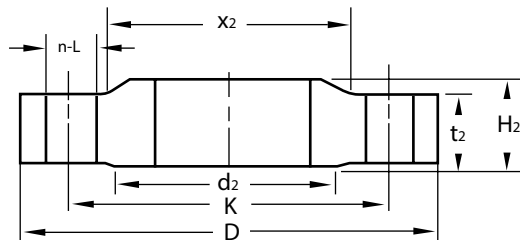


Welding Neck Flange conforms to BS EN1092-1 / BS4504 / DIN2632
Blind Flange conforms to BS EN1092-1 / BS4504 / DIN2527
Hubbed Slip-On Flange conforms to BS EN1092-1 / BS4504

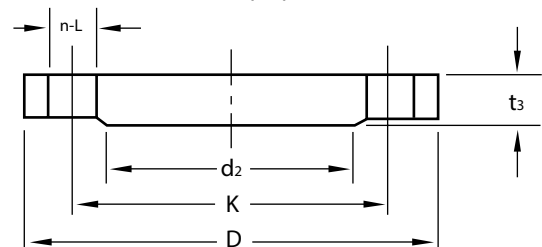
Notes:

- Also available as
 - A. Slip On Plate (no Hub)
 - B. Lap Joint
 - C. Threaded
 - D. Socket Welding
 (Subject to minimum quantities)
- Higher sizes available upon request
- Sizes under 65mm available, subject to minimum quantities

HUBBED SLIP-ON (SOH)



BLIND (BL)



Dimensions

Nominal Diameter		O.D. of Pipe	O.D. of Flange	Diameter Male	Pitch Circle Diameter	Diameter of Bolt Holes	Bolting		Thickness of Flange			Height of Flange		Diameter at Base of Hub	
(mm)	(inch)						No.	Size	WN	SOH	BL				
DN	NPS	d1	D	d2	K	L	n		t1	t2	t3	H1	H2	X1	X2
10	3/8	17.2	90	41	60	14	4	M12	14	14	14	35	22	28	30
15	1/2	21.3	95	46	65	14	4	M12	14	14	14	38	22	32	35
20	3/4	26.9	105	56	75	14	4	M12	16	16	16	40	26	40	45
25	1	33.7	115	65	85	14	4	M12	16	16	16	40	28	46	52
32	1 1/4	42.4	140	76	100	18	4	M16	18	18	18	42	30	56	60
40	1 1/2	48.3	150	84	110	18	4	M16	18	18	18	45	32	64	70
50	2	60.3	165	99	125	18	4	M16	20	20	20	48	34	74	84
65	2 1/2	76.1	185	118	145	18	8	M16	22	22	22	52	38	92	104
80	3	88.9	200	132	160	18	8	M16	24	24	24	58	40	110	118
100	4	114.3	235	156	190	22	8	M20	24	24	24	65	44	134	145
125	5	139.7	270	184	220	26	8	M24	26	26	26	68	48	162	170
150	6	168.1	300	211	250	26	8	M24	28	28	28	75	52	190	200
200	8	219.1	360	274	310	26	12	M27	30	30	30	80	52	244	256
250	10	273	425	330	370	30	12	M27	32	32	32	88	60	296	310
300	12	323.9	485	389	430	30	16	M30	34	34	34	92	67	350	364
350	14	355.6	555	448	490	33	16	M33	38	38	38	100	72	398	418
400	16	406.4	620	503	550	36	16	M33	40	40	40	110	78	452	472
450	18	457	670	548	600	36	20	M33	42	42	46	110	84	500	520
500	20	508	730	609	660	36	20	M33	44	44	48	125	90	558	580
600	24	610	845	720	770	39	20	M36	46	46	58	125	100	660	684

All dimensions are nominal (indicative). Actual dimensions may vary.