

# DIN FLANGES

- **SLIP-ON FLANGES**

DIN 2573 (PN: 6 , DN: 10 – 1000)

DIN 2576 (PN: 10 , DN: 10 – 1000)

DIN 2543 (PN: 16 , DN: 10 – 1000)

DIN 2544 (PN: 25 , DN: 10 – 1000)

DIN 2545 (PN: 40 , DN: 10 – 500)

- **WELDING NECK FLANGES**

DIN 2631 (PN: 6 , DN: 10 – 3600)

DIN 2632 (PN: 10 , DN: 10 – 3000)

DIN 2633 (PN: 16 , DN: 10 – 2000)

DIN 2534 (PN: 25 , DN: 10 – 2000)

DIN 2635 (PN: 40 , DN: 10 – 2000)

DIN 2636 (PN: 64 , DN: 10 – 400)

DIN 2637 (PN: 100 , DN: 10 – 350)

- **BLIND FLANGES**

DIN 2527 (PN: 6 – 25 , DN: 10 – 1000)

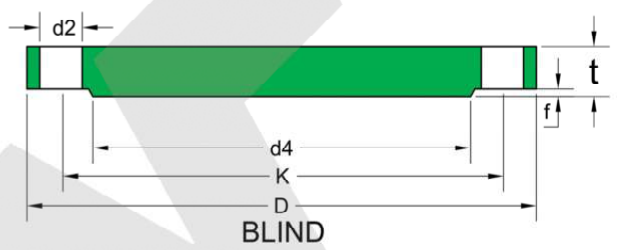
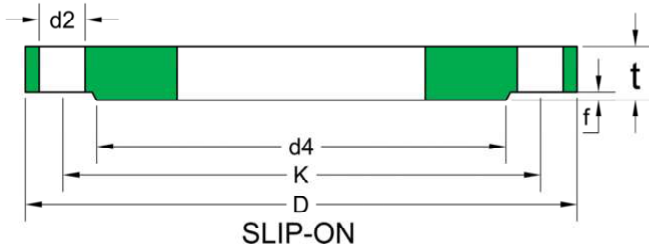
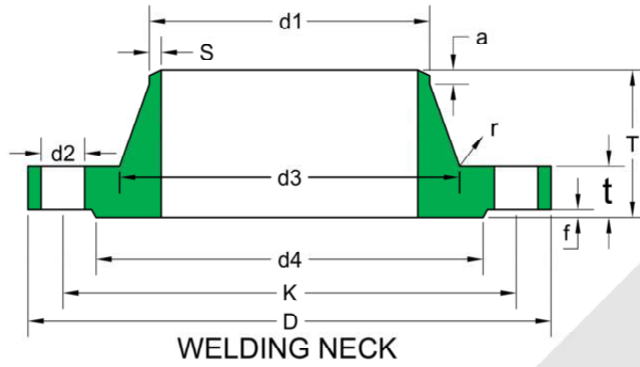
DIN 2527 (PN: 40 , DN: 10 – 500)





# Steel Flanges

## PN 6



DIN 2573 FLAT FLANGES  
 DIN 2527 BLIND FLANGES  
 DIN 2631 WELDING NECK FLANGES

Unit:mm

Bore		Common Dimension						Hub				Raised face		Drilling			Approx weight (kg)		
Nominal Bore	d1	D	welding neck	Slip-on (No-hub)	Blind	K	T	d3	S	r	a	d4	f	No-of Bolt	Dia.Of Bolt	d2	DIN 2573	DIN 2631	
10	14 17.2 <sup>1</sup>	75	12	12	12	50	28	22 26	1.8	4	6	35	2	4	M10	-	11.5	0.36	0.335
15	20 21.3 <sup>1</sup>	80	12	12	12	55	30	28 30	2.0	4	6	40	2	4	M10	-	11.5	0.410	0.392
20	25 26.9 <sup>1</sup>	90	14	14	14	65	32	35 38	2.3	4	6	50	2	4	M10	-	11.5	0.600	0.592
25	30 33.7 <sup>1</sup>	100	14	14	14	75	35	40 42	2.6	4	6	60	2	4	M10	(1/2")	11.5	0.740	0.747
32	38 42.4 <sup>1</sup>	120	14	16	14	90	35	50 55	2.6	6	6	70	2	4	M12	(1/2")	14	1.19	1.05
40	44.5 48.3 <sup>1</sup>	130	14	16	14	100	38	58 62	2.6	6	7	80	3	4	M12	(1/2")	14	1.39	1.18
50	57 60.3 <sup>1</sup>	140	14	16	14	110	38	70 74	2.9	6	8	90	3	4	M12	(1/2")	14	1.53	1.34
65	76.1 <sup>1</sup>	160	14	16	14	130	38	88	2.9	6	9	110	3	4	M12	(5/8")	14	1.89	1.67
80	88.9 <sup>1</sup>	190	16	18	16	150	42	102	3.2	8	10	128	3	4	M16	(5/8")	18	2.98	2.71
100	108 114.3 <sup>1</sup>	210	16	18	16	170	45	122 130	3.6	8	10	148	3	4	M16	(5/8")	18	3.46	3.24
125	133 139.7 <sup>1</sup>	240	18	20	18	200	48	148 155	4.0	8	10	178	3	8	M16	(5/8")	18	4.60	4.49
150	159 168.3 <sup>1</sup>	265	18	20	18	225	48	172 184	4.5	10	12	202	3	8	M16	(5/8")	18	5.22	5.15
200	216 219.1 <sup>1</sup>	320	20	22	20	280	55	236	5.9	10	15	258	3	8	M16	(5/8")	18	7.15	7.78
250	267 273 <sup>1</sup>	375	22	24	22	335	60	282 290	6.2	12	15	312	3	12	M16	(3/4")	18	9.61	10.8
300	318 323.9 <sup>1</sup>	440	22	24	22	395	62	342	7.1	12	15	365	4	12	M20	(3/4")	23	12.6	14.0
350	355.6 <sup>1</sup> 368	490	22	26	22	445	62	385	7.1	12	15	415	4	12	M20	(3/4")	23	15.6	16.7
400	406.4 <sup>1</sup> 419	540	22	28	22	495	65	438	7.1	12	15	455	4	16	M20	(3/4")	23	18.4	19
500	509 <sup>1</sup> 521	645	24	30	24	600	68	538	7.1	12	15	570	4	20	M20	(7/8")	23	25.6	28.6
600	609.6 <sup>1</sup> 622	755	24	-	-	705	70	640	7.1	12	16	670	5	20	M24	(7/8")	27	-	-
700	711.2 <sup>1</sup> 720	860	24	-	-	810	70	740	7.1	12	16	775	5	24	M24	(1")	27	-	-
800	812.8 <sup>1</sup> 820	975	24	-	-	920	70	842	7.1	12	16	880	5	24	M27	(1")	30	-	-
900	914.4 <sup>1</sup> 920	1075	26	-	-	1020	70	942	7.1	12	16	980	5	24	M27	(1")	30	-	-
1000	1016 <sup>1</sup> 1020	1175	26	-	-	1120	70	1045	7.1	16	16	1080	5	28	M27	-	30	-	-

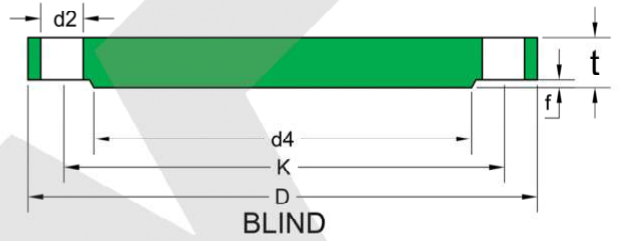
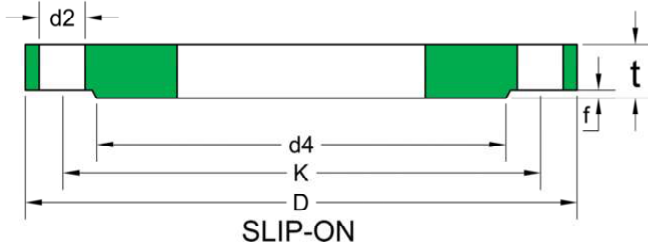
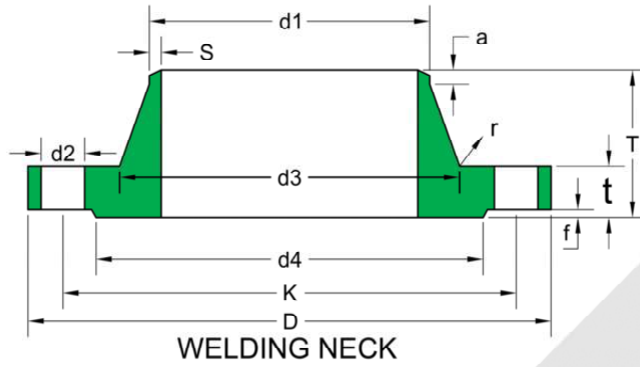
Notes:

(1) Out side diameter of pipe complies with ISO recommendation R64



# Steel Flanges

## PN 10



DIN 2576 FLAT FLANGES  
 DIN 2527 BLIND FLANGES  
 DIN 2632 WELDING NECK FLANGES

Unit:mm

Nominal Bore	Bore		Common Dimension					Hub				Raised face		Drilling			Approx weight (kg)	
	d1	D	welding neck	Slip-on (No-hub)	Blind	K	T	d3	s	r	a	d4	f	No-of Bolt	Dia.Of Bolt	d2	DIN 2576	DIN 2632
10	14 17.2 <sup>1</sup>	90	14	14	14	60	35	25 28	1.8	4	6	40	2	4	M12 (1/2")	14	0.613	0.580
15	20 21.3 <sup>1</sup>	95	14	14	14	65	35	30 32	2.0	4	6	45	2	4	M12 (1/2")	14	0.675	0.648
20	25 26.9 <sup>1</sup>	105	16	16	16	75	38	38 40	2.3	4	6	58	2	4	M12 (1/2")	14	0.936	0.952
25	30 33.7 <sup>1</sup>	115	16	16	16	85	38	42 45	2.6	4	6	68	2	4	M12 (1/2")	14	1.14	1.14
32	38 42.4 <sup>1</sup>	140	16	16	16	100	40	52 56	2.6	6	6	78	2	4	M16 (5/8")	18	1.66	1.69
40	44.5 48.3 <sup>1</sup>	150	16	16	16	110	42	60 64	2.6	6	7	88	3	4	M16 (5/8")	18	1.89	1.86
50	57 60.3 <sup>1</sup>	165	18	18	18	125	45	72 75	2.9	6	8	102	3	4	M16 (5/8")	18	2.51	2.53
65	76.1 <sup>1</sup>	185	18	18	18	145	45	90	2.9	6	10	122	3	4	M16 (5/8")	18	3.00	3.06
80	88.9 <sup>1</sup>	200	20	20	20	160	50	105	3.2	8	10	138	3	4	M16 (5/8")	18	3.79	3.70
100	108 114.3 <sup>1</sup>	220	20	20	20	180	52	125 131	3.6	8	12	158	3	8	M16 (5/8")	18	4.20	4.62
125	133 139.7 <sup>1</sup>	250	22	22	22	210	55	150 156	4.0	8	12	188	3	8	M16 (5/8")	18	5.71	6.30
150	159 168.3 <sup>1</sup>	285	22	22	22	240	55	175 184	4.5	10	12	212	3	8	M20 (3/4")	23	6.72	7.75
200	216 219.1 <sup>1</sup>	340	24	24	24	295	62	232 235	5.9	10	16	268	3	8	M20 (3/4")	23	9.31	11.3
250	267 273 <sup>1</sup>	395	26	26	26	350	68	285 292	6.3	12	16	320	3	12	M20 (3/4")	23	12.5	14.7
300	318 323.9 <sup>1</sup>	445	26	26	26	400	68	335 344	7.1	12	16	370	4	12	M20 (3/4")	23	13.8	17.4
350	355.6 <sup>1</sup> 368	505	26	28	26	460	68	385	7.1	12	16	430	4	16	M20 (3/4")	23	20.6	21.6
400	406.4 <sup>1</sup> 419	565	26	32	26	515	72	440	7.1	12	16	482	4	16	M24 (7/8")	27	27.9	26.2
500	508 <sup>1</sup> 521	670	28	38	28	620	75	542	7.1	12	16	585	4	20	M24 (7/8")	27	41.1	38.4
600	609.6 <sup>1</sup> 622	780	28	-	-	725	80	642	7.1	12	18	685	5	20	M27 (1")	30	-	-
700	711.2 <sup>1</sup> 720	895	30	-	-	840	80	745	8.0	12	18	800	5	24	M27 (1")	30	-	-
800	812.8 <sup>1</sup> 820	1015	32	-	-	950	90	850	8.0	12	18	905	5	24	M30 (1 1/8")	33	-	-
900	914.4 <sup>1</sup> 920	1115	34	-	-	1050	95	950	10.0	12	20	1005	5	28	M30 (1 1/8")	33	-	-
1000	1016 <sup>1</sup> 1020	1230	34	-	-	1160	95	1052	10.0	16	20	1110	5	28	M33 (1 1/8")	36	-	-

Notes:

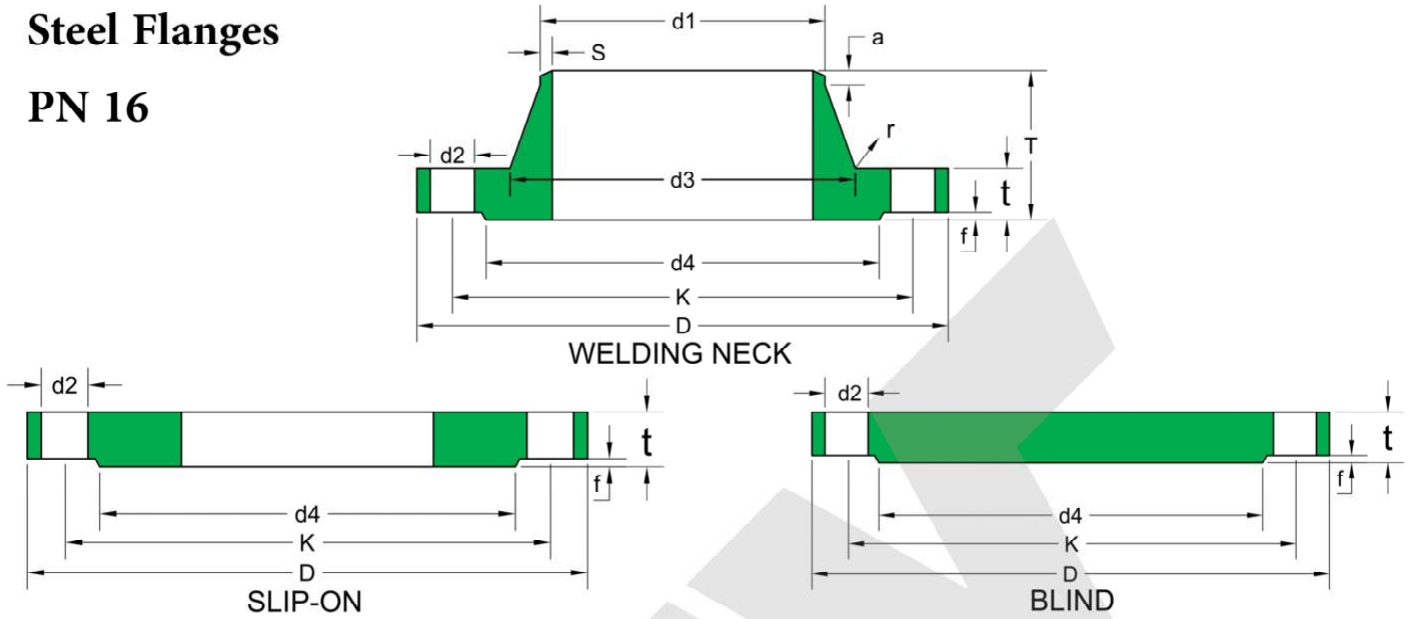
(1) Out side diameter of pipe complies with ISO recommendation R64





# Steel Flanges

## PN 16



DIN 2543 FLAT FLANGES  
 DIN 2527 BLIND FLANGES  
 DIN 2633 WELDING NECK FLANGES

Unit:mm

Bore		Common Dimension						Hub				Raised face		Drilling			Approx weight (kg)	
Nominal Bore	d1	D	welding neck	Slip-on (No-hub)	Blind	K	T	d3	s	r	a	d4	f	No-of Bolt	Dia.Of Bolt	d2	DIN 2527	DIN 2633
10	14 17.2 <sup>1</sup>	90	14	14	14	60	35	25 28	1.8	4	6	40	2	4	M12 (1/2")	14	0.63	0.580
15	20 21.3 <sup>1</sup>	95	14	14	14	65	35	30 32	2.0	4	6	45	2	4	M12 (1/2")	14	0.72	0.648
20	25 26.9 <sup>1</sup>	105	16	16	16	75	38	38 40	2.3	4	6	58	2	4	M12 (1/2")	14	1.01	0.952
25	30 33.7 <sup>1</sup>	115	16	16	16	85	38	42 45	2.6	4	6	68	2	4	M12 (1/2")	14	1.23	1.14
32	38 42.4 <sup>1</sup>	140	16	16	16	100	40	52 56	2.6	6	6	78	2	4	M16 (5/8")	18	1.80	1.69
40	44.5 48.3 <sup>1</sup>	150	16	16	16	110	42	60 64	2.6	6	7	88	3	4	M16 (5/8")	18	2.09	1.86
50	57 60.3 <sup>1</sup>	165	18	18	18	125	45	72 75	2.9	6	8	102	3	4	M16 (5/8")	18	2.88	2.53
65	76.1 <sup>1</sup>	185	18	18	18	145	45	90	2.9	6	10	122	3	4	M16 (5/8")	18	3.66	3.06
80	88.9 <sup>1</sup>	200	20	20	20	160	50	105	2.2	8	10	138	3	8	M16 (5/8")	18	4.77	3.70
100	108 114.3 <sup>1</sup>	220	20	20	20	180	52	125 131	3.6	8	12	158	3	8	M16 (5/8")	18	5.65	4.62
125	133 139.7 <sup>1</sup>	250	22	22	22	210	55	150 156	4.0	8	12	188	3	8	M16 (5/8")	18	8.42	6.30
150	159 168.3 <sup>1</sup>	285	22	22	22	240	55	175 184	4.5	10	12	212	3	8	M20 (3/4")	23	10.4	7.75
200	216 219.1 <sup>1</sup>	340	24	24	24	295	62	232 235	5.9	10	16	268	3	12	M20 (3/4")	23	16.1	11.0
250	267 273.1 <sup>1</sup>	405	26	26	26	355	70	285 292	6.3	12	16	320	3	12	M24 (7/8")	27	24.9	15.6
300	318 323.9 <sup>1</sup>	460	28	28	28	410	78	338 344	7.1	12	16	378	4	12	M24 (7/8")	27	35.1	22.0
350	355.6 <sup>1</sup> 368	520	30	30	30	470	82	390	8.0	12	16	438	4	16	M24 (7/8")	27	47.8	28.8
400	406.4 <sup>1</sup> 419	580	32	32	32	525	85	445	8.0	12	16	490	4	16	M27 (1")	30	63.5	36.3
500	508 <sup>1</sup> 521	715	34	36	36	650	90	548	8.0	12	16	610	4	20	M30 (1 1/8")	33	102.0	61
600	609.6 <sup>1</sup> 622	840	36	40	-	770	95	652	8.8	12	18	725	5	20	M33 (1 1/4")	36	-	-
700	711.2 <sup>1</sup> 720	910	36	-	-	840	100	755	8.8	12	18	795	5	24	M33 (1 1/4")	36	-	-
800	812.8 <sup>1</sup> 820	1025	38	-	-	950	105	855	10.0	12	20	900	5	24	M36 (1 3/8")	39	-	-
900	914.4 <sup>1</sup> 920	1125	40	-	-	1050	110	955	10.0	12	20	1000	5	28	M36 (1 3/8")	39	-	-
1000	1016 <sup>1</sup> 1020	1255	42	-	-	1170	120	1058	10.0	16	20	1115	5	28	M39 (1 1/2")	42	-	-

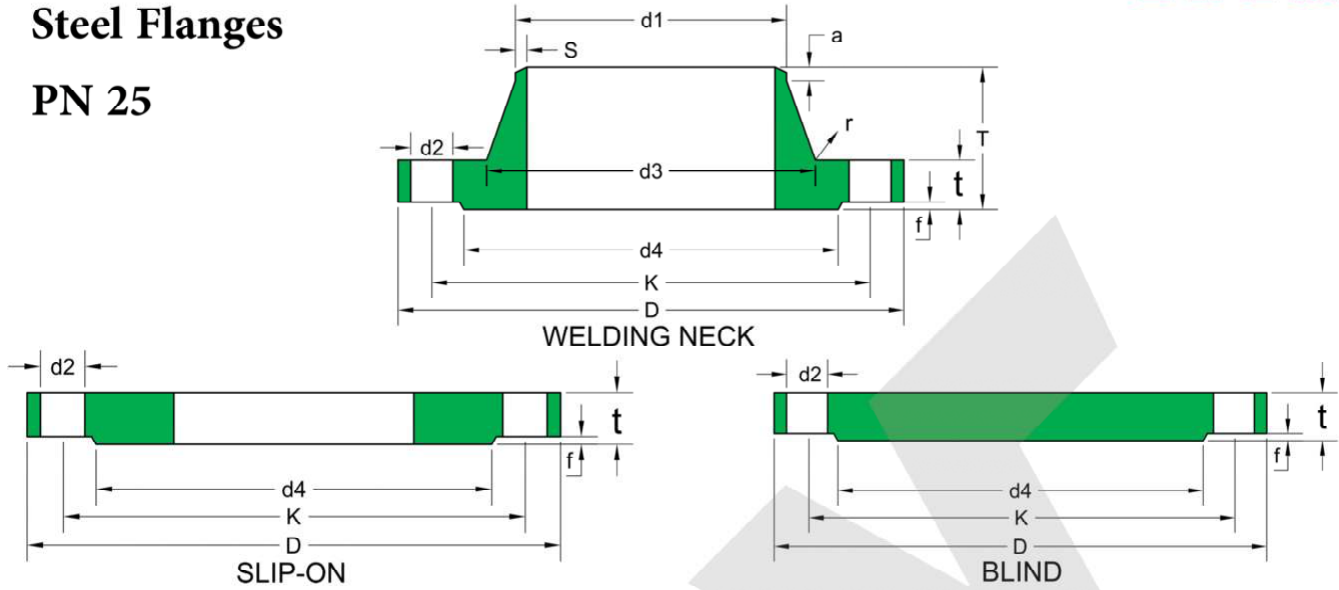
Notes:

(1) Out side diameter of pipe complies with ISO recommendation R64



# Steel Flanges

## PN 25



DIN 2544 FLAT FLANGES  
 DIN 2527 BLIND FLANGES  
 DIN 2634 WELDING NECK FLANGES

Unit:mm

Bore		Common Dimension					Hub				Raised face		Drilling			Approx weight (kg)			
Nominal Bore	d1	D	t			K	T	d3	S	r	a	d4	f	No-of Bolt	Dia.Of Bolt	d2	DIN 2527	DIN 2634	
			welding neck	Slip-on (No-hub)	Blind														
10	14 17.2 <sup>1</sup>	90	16	16	16	60	35	25 28	1.8	4	6	40	2	4	M12	(1/2")	14	0.72	0.661
15	20 21.3 <sup>1</sup>	95	16	16	16	65	38	30 32	2.0	4	6	45	2	4	M12	(1/2")	14	0.81	0.746
20	25 26.9 <sup>1</sup>	105	18	18	18	75	40	38 40	2.3	4	6	58	2	4	M12	(1/2")	14	1.24	1.06
25	30 33.7 <sup>1</sup>	115	18	18	18	85	40	42 46	2.6	4	6	68	2	4	M12	(1/2")	14	1.38	1.29
32	38 42.4 <sup>1</sup>	140	18	18	18	100	42	52 56	2.6	6	6	78	2	4	M16	(5/8")	18	2.03	1.88
40	44.5 48.3 <sup>1</sup>	150	18	18	18	110	45	60 64	2.6	6	7	88	3	4	M16	(5/8")	18	2.35	2.33
50	57 60.3 <sup>1</sup>	165	20	20	20	125	48	72 75	2.9	6	8	102	3	4	M16	(5/8")	18	3.20	2.82
65	76.1 <sup>1</sup>	185	22	22	22	145	52	90	2.9	6	10	122	3	8	M16	(5/8")	18	4.29	3.74
80	88.9 <sup>1</sup>	200	24	24	24	160	58	105	3.2	8	12	138	3	8	M16	(5/8")	18	5.88	4.75
100	108 114.3 <sup>1</sup>	235	24	24	24	190	65	128 134	3.6	8	12	162	3	8	M20	(3/4")	23	7.54	6.52
125	133 139.7 <sup>1</sup>	270	26	26	26	220	68	155 162	4.0	8	12	188	3	8	M24	(7/8")	27	10.8	9.07
150	159 168.3 <sup>1</sup>	300	28	28	28	250	75	182 192	4.5	10	12	218	3	8	M24	(7/8")	27	14.5	11.8
200	216 219.1 <sup>1</sup>	360	30	30	30	310	80	240 244	6.3	10	16	278	3	12	M24	(7/8")	27	22.3	17.0
250	267 273 <sup>1</sup>	425	32	32	32	370	88	292 298	7.1	12	18	335	3	12	M27	(1")	30	33.5	24.4
300	318 323.9 <sup>1</sup>	485	34	34	34	430	92	345 352	8.0	12	18	395	4	16	M27	(1")	30	46.3	31.2
350	355.6 <sup>1</sup> 368	555	38	38	38	490	100	398	8.0	12	20	450	4	16	M30	(1 1/4")	33	68.0	44.2
400	406.4 <sup>1</sup> 419	620	40	40	40	550	110	452	8.8	12	20	505	4	16	M33	(1 1/4")	36	89.7	57.9
500	508 <sup>1</sup> 521	730	44	44	45	660	125	558	10.0	12	20	615	4	20	M33	(1 1/4")	36	138.0	89.6
600	609.6 <sup>1</sup> 622	845	46	-	-	770	125	660	11.0	12	20	720	5	20	M36	(1 3/8")	39	-	104.0
700	711.2 <sup>1</sup> 720	960	46	-	-	875	125	760	12.5	12	20	820	5	24	M39	(1 1/2")	42	-	136.0
800	812.8 <sup>1</sup> 820	1085	50	-	-	990	135	865	14.2	12	22	930	5	24	M45	(1 3/4")	48	-	186.0
900	914.4 <sup>1</sup> 920	1185	54	-	-	1090	145	968	16.0	12	24	1030	5	28	M45	(1 3/4")	48	-	236.0
1000	1016 <sup>1</sup> 1020	1320	58	-	-	1210	155	1070	17.5	16	24	1140	5	28	M52	(2")	56	-	307.0

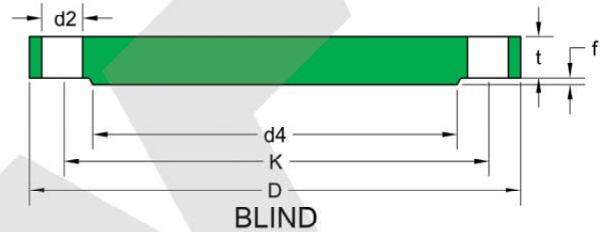
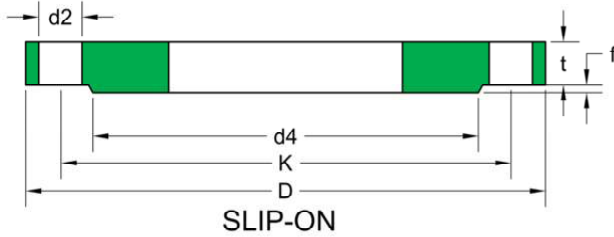
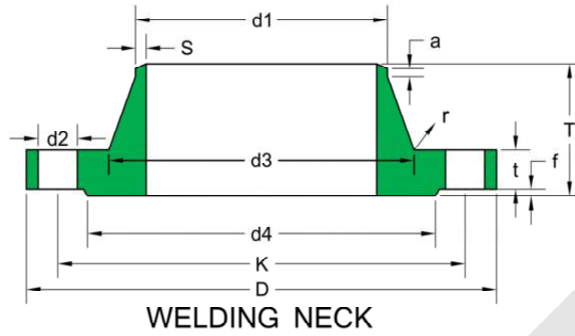
Notes:

(1) Out side diameter of pipe complies with ISO recommendation R64



# Steel Flanges

## PN 40



DIN 2545 FLAT FLANGES  
 DIN 2527 BLIND FLANGES  
 DIN 2635 WELDING NECK FLANGES

Unit:mm

Bore		Common Dimension						Hub				Raised face		Drilling			Approx weight (kg)	
Nominal Bore	d1	D	welding neck	Slip-on (No-hub)	Blind	K	T	d3	S	r	a	d4	f	No-of Bolt	Dia.Of Bolt	d2	DIN 2527	DIN 2635
10	14 17.2 <sup>1</sup>	90	16	16	16	60	35	25 28	1.8	4	6	40	2	4	M12 (1/2")	14	0.72	0.66
15	20 21.3 <sup>1</sup>	95	16	16	16	65	38	30 32	2.0	4	6	45	2	4	M12 (1/2")	14	0.81	0.75
20	25 26.9 <sup>1</sup>	105	18	18	18	75	40	38 40	2.3	4	6	58	2	4	M12 (1/2")	14	1.24	1.06
25	30 33.7 <sup>1</sup>	115	18	18	18	85	40	42 46	2.6	4	6	68	2	4	M12 (1/2")	14	1.38	1.29
32	38 42.4 <sup>1</sup>	140	18	18	18	100	42	52 56	2.6	6	6	78	2	4	M16 (5/8")	18	2.03	1.88
40	44.5 48.3 <sup>1</sup>	150	18	18	18	110	45	60 64	2.6	6	7	88	3	4	M16 (5/8")	18	2.35	2.33
50	57 60.3 <sup>1</sup>	165	20	20	20	125	48	72 75	2.9	6	8	102	3	4	M16 (5/8")	18	3.20	2.82
65	76.1 <sup>1</sup>	185	22	22	22	145	52	90	2.9	6	10	122	3	8	M16 (5/8")	18	4.29	3.74
80	88.9 <sup>1</sup>	200	24	24	24	160	58	105	3.2	8	12	138	3	8	M16 (5/8")	18	5.88	4.75
100	108 114.3 <sup>1</sup>	235	24	24	24	190	65	128 134	3.6	8	12	162	3	8	M20 (3/4")	23	7.54	6.52
125	133 139.7 <sup>1</sup>	270	26	26	26	220	68	155 162	4.0	8	12	188	3	8	M24 (7/8")	27	10.8	9.07
150	159 168.3 <sup>1</sup>	300	28	28	28	250	75	182 192	4.5	10	12	218	3	8	M24 (7/8")	27	14.5	11.80
(175)	(181) 183.7 <sup>1</sup>	350	32	32	32	295	82	215 218	5.6	10	15	260	3	12	M27 (1")	30	22.1	18.2
200	216 219.1 <sup>1</sup>	375	34	34	34	320	88	240 244	6.3	10	16	285	3	12	M27 (1")	30	27.2	21.5
250	267 273 <sup>1</sup>	450	38	38	38	385	105	298 306	7.1	12	18	345	3	12	M30 (1 1/8")	33	43.8	34.9
300	318 323.9 <sup>1</sup>	515	42	42	42	450	115	352 362	8.0	12	18	410	4	16	M30 (1 1/8")	33	63.3	49.7
350	355.6 <sup>1</sup> 368	580	46	46	46	510	125	408	8.8	12	20	465	4	16	M33 (1 1/4")	36	89.5	68.1
400	406.4 <sup>1</sup> 419	660	50	50	50	585	135	462	11.0	12	20	535	4	16	M36 (1 3/8")	39	127.0	96.5
500	508 <sup>1</sup> 521	755	52	52	56	670	140	562	14.2	12	20	615	4	20	M39 (1 1/2")	42	172.0	117.0

Notes:

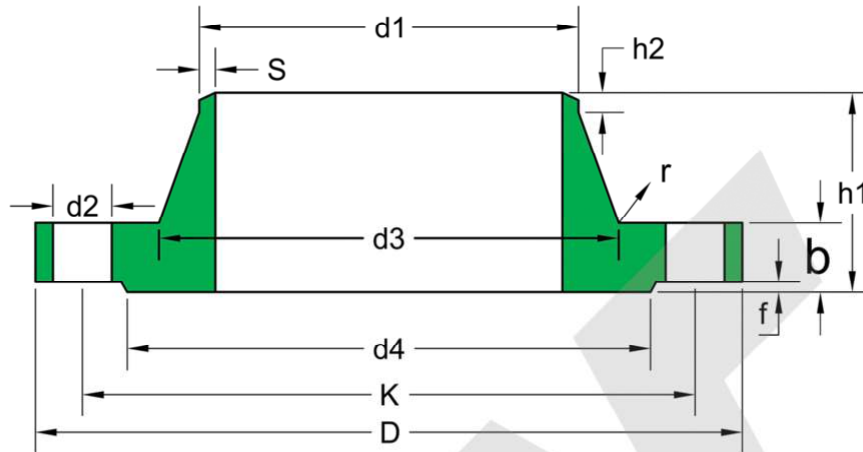
(1) Out side diameter of pipe complies with ISO recommendation R64





# WELDING NECK PN 6

DIN 2631



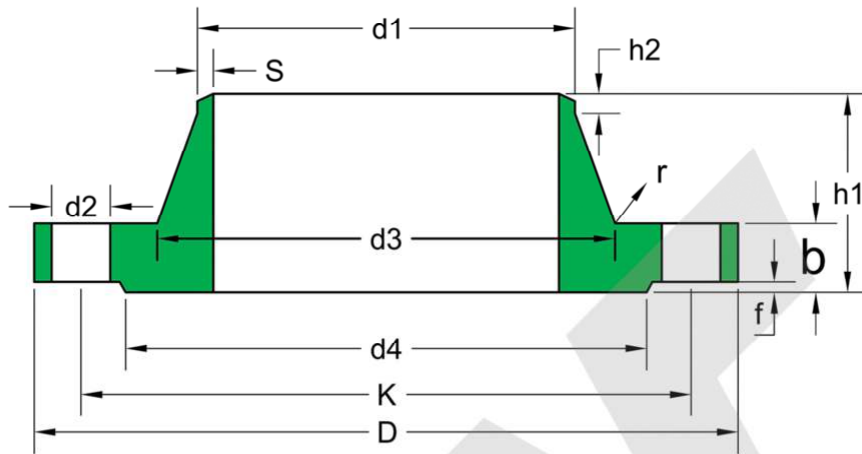
Unit:mm

Pipe mating dimensions			Flanges				Socket				Raised face		Screws			Weight of a flange (7.85kg/dm <sup>3</sup> ) kg
Normal Width	d1		D	b	k	h1	d3	s	r	h2	d4	f	Num	Thread	d2	
	Series 1	Series 2														
10	-	14	75	12	50	28	22	1.8	4	6	35	2	4	M 10	11	0.335
	17.2	-					26									
15	-	20	80	12	55	30	28	2	4	6	40	2	4	M 10	11	0.392
	21.3	-					30									
20	-	25	90	14	65	32	35	2.3	4	6	50	2	4	M 10	11	0.592
	26.9	-					38									
25	-	30	100	14	75	35	40	2.6	4	6	60	2	4	M 10	11	0.747
	33.7	-					42									
32	-	38	120	14	90	35	50	2.6	6	6	70	2	4	M 12	14	1.05
	42.4	-					55									
40	-	44.5	130	14	100	38	58	2.6	6	7	80	3	4	M 12	14	1.18
	48.3	-					62									
50	-	57	140	14	110	38	70	2.9	6	8	90	3	4	M 12	14	1.34
	60.3	-					74									
65	76.1	-	160	14	130	38	88	2.9	6	9	110	3	4	M 12	14	1.67
80	88.9	-	190	16	150	42	102	3.2	8	10	128	3	4	M 16	18	2.71
100	-	108	210	16	170	45	122	3.6	8	10	148	3	4	M 16	18	3.24
	114.3	-					130									
125	-	133	240	18	200	48	148	4	8	10	178	3	8	M 16	18	4.49
	139.7	-					155									
150	-	159	265	18	225	48	172	4.5	10	12	202	3	8	M 16	18	5.15
	168.3	-					184									
200	219.1	-	320	20	280	55	236	5.9	10	15	258	3	8	M 16	18	7.78
250	-	267	375	22	335	60	282	6.3	12	15	312	3	12	M 16	18	10.8
	273	-					290									
300	323.9	-	440	22	395	62	342	7.1	12	15	365	4	12	M20	22	14



# WELDING NECK PN 6

DIN 2631



Unit:mm

Pipe mating dimensions			Flanges				Socket				Raised face		Screws			Weight of a flange (7.85kg/dm <sup>3</sup> ) kg
Normal Width	d1		D	b	k	h1	d3	s	r	h2	d4	f	Num	Thread	d2	
	Series 1	Series 2														
350	355.6	-	490	22	445	62	385	7.1	12	15	415	4	12	M 20	22	18.5
	-	368														16.7
400	406.4	-	540	22	495	65	438	7.1	12	15	465	4	16	M20	22	21.2
	-	419														19
500	508	-	645	24	600	68	538	7.1	12	15	570	4	20	M20	22	28.6
600	610	-	755	24	705	70	640	7.1	12	16	670	5	20	M24	26	31.5
700	711	-	860	24	810	70	740	7.1	12	16	775	5	24	M24	26	37.4
800	813	-	975	24	920	70	842	7.1	12	16	880	5	24	M 27	30	46.1
900	914	-	1075	26	1020	70	942	7.1	12	16	980	5	24	M27	30	55.6
1000	1016	-	1175	26	1120	70	1045	7.1	16	16	1080	5	28	M27	30	61.9
1200	1220	-	1405	28	1340	90	1248	8	16	20	1295	5	32	M30	33	100
1400	1420	-	1630	32	1560	90	1452	8	16	20	1510	5	36	M33	36	149
1600	1620	-	1830	34	1760	90	1655	9	16	20	1710	5	40	M33	36	180
1800	1820	-	2045	36	1970	100	1855	10	16	20	1920	5	44	M36	39	225
2000	2020	-	2265	38	2180	110	2058	11	16	25	2125	5	48	M39	42	295
2200	2220	-	2475	42	2390	115	2260	12	18	25	2335	6	52	M39	42	361
2400	2420	-	2685	44	2600	125	2462	13	18	25	2545	6	56	M39	42	415
2600	2620	-	2905	46	2810	130	2665	14	18	25	2750	6	60	M45	48	530
2800	2820	-	3115	48	3020	135	2865	15	18	30	2960	6	64	M45	48	643
3000	3020	-	3315	50	3220	140	3068	16	18	30	3160	6	68	M45	48	777
3200	3220	-	3525	54	3430	150	3272	16	20	30	3370	6	72	M45	48	851
3400	3420	-	3735	56	3640	160	3475	18	20	35	3580	6	76	M45	48	993
3600	3620	-	3970	60	3860	165	3678	18	20	35	3790	6	80	M 52	56	1001

**Note:**

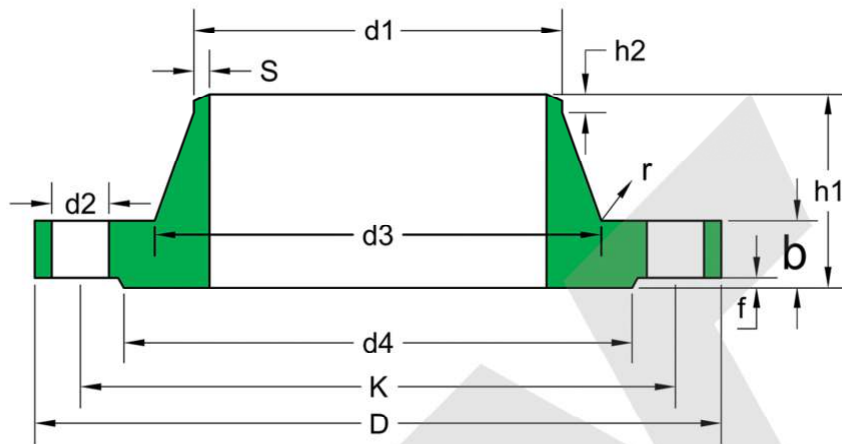
\* The pipe mating dimensions of series 1 are international, whilst those of series 2 are still used in Germany





# WELDING NECK PN 10

DIN 2632



Unit:mm

Pipe mating dimensions			Flanges				Socket				Raised face		Screws			Weight of a flange (7.85kg/dm <sup>3</sup> ) kg
Normal Width	d1		D	b	k	h1	d3	s	r	h2	d4	f	Num	Thread	d2	
	Series 1	Series 2														
10 to 150	See DIN 2633. Rated pressure 16.															
200	219.1	-	340	24	295	62	235	5.9	10	16	268	3	8	M20	22	11.3
250	-	267	395	26	350	68	285	6.3	12	16	320	3	12	M20	22	14.7
	273	-					292									
300	323.9	-	445	26	400	68	344	7.1	12	16	370	4	12	M20	22	17.4
350	355.6	-	505	26	460	68	385	7.1	12	16	430	4	16	M20	22	23.6
	-	368														21.6
400	406.4	-	565	26	515	72	440	7.1	12	16	482	4	16	M24	26	28.6
	-	419														26.2
(450)	457	-	615	28	565	72	488	7.1	12	16	532	4	20	M24	26	31.5
500	508	-	670	28	620	75	542	7.1	12	16	585	4	20	M24	26	38.1
600	610	-	780	28	725	80	642	7.1	12	18	685	5	20	M27	30	44.6
700	711	-	895	30	840	80	745	8	12	18	800	5	24	M27	30	62.4
800	813	-	1015	32	950	90	850	8	12	18	905	5	24	M30	33	84.1
900	914	-	1115	34	1050	95	950	10	16	20	1005	5	28	M30	33	98.5
1000	1016	-	1230	34	1160	95	1052	10	16	20	1110	5	28	M33	36	115
1200	1220	-	1455	38	1380	115	1255	11	16	25	1330	5	32	M36	39	182
1400	1420	-	1675	42	1590	120	1460	12	16	25	1535	5	36	M39	42	248
1600	1620	-	1915	46	1820	130	1665	14	16	25	1760	5	40	M45	48	347
1800	1820	-	2115	50	2020	140	1868	15	16	30	1960	5	44	M45	48	430
2000	2020	-	2325	54	2230	150	2072	16	16	30	2170	5	48	M45	48	539
2200	2220	-	2550	58	2440	160	2275	18	18	35	2370	6	52	M 52	56	658
2400	2420	-	2760	62	2650	170	2478	20	18	35	2570	6	56	M 52	56	825
2600	2620	-	2960	66	2850	180	2680	22	18	40	2780	6	60	M 52	56	979
2800	2820	-	3180	70	3070	190	2882	22	18	40	3000	6	64	M 52	56	1156
3000	3020	-	3405	75	3290	200	3085	24	18	45	3210	6	68	M 56	62	1402

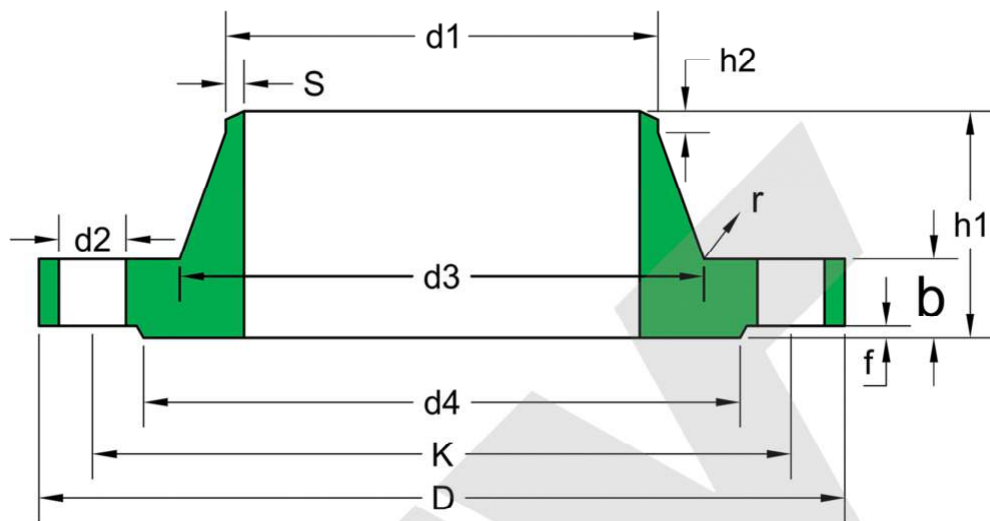
**Note:**

\* The pipe mating dimensions of series 1 are international, whilst those of series 2 are still used in Germany



# WELDING NECK PN 16

DIN 2633



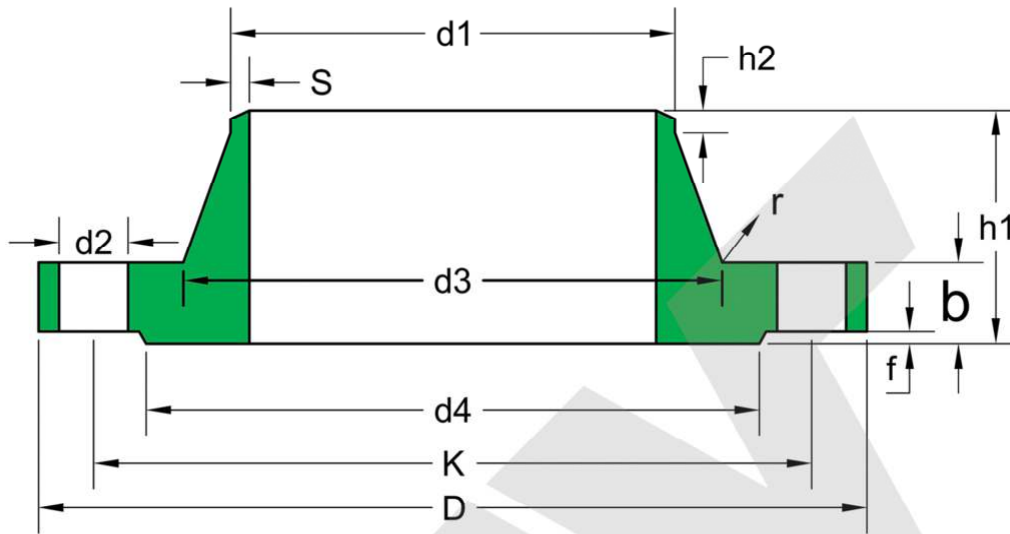
Unit:mm

Pipe mating dimensions			Flanges				Socket				Raised face		Screws			Weight of a flange (7.85kg/dm <sup>3</sup> ) kg
Normal	d1		D	b	k	h1	d3	s	r	h2	d4	f	Num	Thread	d2	
Width	Series 1	Series 2														
10	-	14	90	14	60	35	25	1.8	4	6	40	2	4	M 12	14	0.58
	17.2	-					28									
15	-	20	95	14	65	35	30	2	4	6	45	2	4	M 12	14	0.648
	21.3	-					32									
20	-	25	105	16	75	38	38	2.3	4	6	58	2	4	M 12	14	0.952
	26.9	-					40									
25	-	30	115	16	85	38	42	2.6	4	6	68	2	4	M 12	14	1.14
	33.7	-					45									
32	-	38	140	16	100	40	52	2.6	6	6	78	2	4	M 16	18	1.69
	42.4	-					56									
40	-	44.5	150	16	110	42	60	2.6	6	7	88	3	4	M 16	18	1.86
	48.3	-					64									
50	-	57	165	18	125	45	72	2.9	6	8	102	3	4	M 16	18	2.53
	60.3	-					75									
65	76.1	-	185	18	145	45	90	2.9	6	10	122	3	4	M 16	18	3.06
80	88.9	-	200	20	160	50	105	3.2	8	10	138	3	8	M 16	18	3.7
100	-	108	220	20	180	52	125	3.6	8	12	158	3	8	M 16	18	4.62
	114.3	-					131									
125	-	133	250	22	210	55	150	4	8	12	188	3	8	M 16	18	6.3
	139.7	-					156									
150	-	159	285	22	240	55	175	4.5	10	12	212	3	8	M20	22	7.75
	168.3	-					184									
(175)	193.7	-	315	24	270	60	210	5.4	10	12	242	3	8	M20	22	9.85
200	219.1	-	340	24	295	62	235	5.9	10	16	268	3	12	M20	22	11



# WELDING NECK PN 16

DIN 2633



Unit:mm

Pipe mating dimensions			Flanges				Socket				Raised face		Screws			Weight of a flange (7.85kg/dm <sup>3</sup> ) kg
Normal Width	d1		D	b	k	h1	d3	s	r	h2	d4	f	Num	Thread	d2	
	Series 1	Series 2														
250	-	267	405	26	355	70	285	6.3	12	16	320	3	12	M24	26	15.6
	273	-					292									
300	323.9	-	460	28	410	78	344	7.1	12	16	378	4	12	M24	26	22
350	355.6	-	520	30	470	82	390	8	12	16	438	4	16	M24	26	31.2
	-	368														28.8
400	406.4	-	580	32	525	85	445	8	12	16	490	4	16	M27	30	39.3
	-	419														36.3
(450)	457	-	640	34	585	85	490	8	12	16	550	4	20	M27	30	44.3
500	508	-	715	34	650	90	548	8	12	16	610	4	20	M30	33	61
600	610	-	840	36	770	95	652	8.8	12	18	725	5	20	M33	36	75.4
700	711	-	910	36	840	100	755	8.8	12	18	795	5	24	M33	36	77
800	813	-	1025	38	950	105	855	10	12	20	900	5	24	M36	39	101
900	914	-	1125	40	1050	110	955	10	12	20	1000	5	28	M36	39	122
1000	1016	-	1255	42	1170	120	1058	10	16	22	1115	5	28	M 39	42	162
1200	1220	-	1485	48	1390	130	1262	12.5	16	30	1330	5	32	M45	48	243
1400	1420	-	1685	52	1590	145	1465	14.2	16	30	1530	5	36	M45	48	323
1600	1620	-	1930	58	1820	160	1668	16	16	35	1750	5	40	M52	56	479
1800	1820	-	2130	62	2020	170	1870	17.5	16	35	1950	5	44	M52	56	599
2000	2020	-	2345	66	2230	180	2072	20	16	40	2150	5	48	M56	62	719

**Note:**

\* Nominal width in brackets should be avoided wherever possible

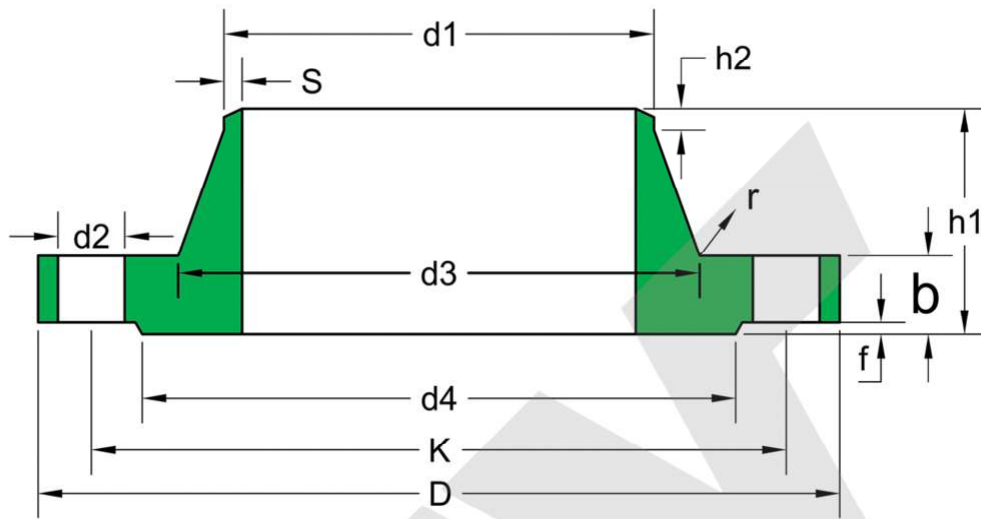
\* The pipe mating dimensions of series 1 are international, whilst those of series 2 are still used in Germany





# WELDING NECK PN 25

DIN 2634



Unit:mm

Pipe mating dimensions			Flanges				Socket				Raised face		Screws			Weight of a flange (7.85kg/dm <sup>3</sup> ) kg
Normal Width	d1		D	b	k	h1	d3	s	r	h2	d4	f	Num	Thread	d2	
	Series 1	Series 2														
10 to 150	See DIN 2635. Rated pressure 40.															
(175)	193.7	-	330	28	280	75	218	5.6	10	15	248	3	12	M24	26	13.4
200	219.1	-	360	30	310	80	244	6.3	10	16	278	3	12	M24	26	17
250	-	267	425	32	370	88	292	7.1	12	18	335	3	12	M27	30	24.4
	273	-					298									
300	323.9	-	485	34	430	92	352	8	12	18	395	4	16	M27	30	31.2
350	355.6	-	555	38	490	100	398	8	12	20	450	4	16	M30	33	47.2
	-	368														44.2
400	406.4	-	620	40	550	110	452	8.8	12	20	505	4	16	M33	36	61.7
	-	419														57.9
500	508	-	730	44	660	125	558	10	12	20	615	4	20	M33	36	89.6
600	610	-	845	46	770	125	660	11	12	20	720	5	20	M36	39	104
700	711	-	960	46	875	125	760	12.5	12	20	820	5	24	M39	42	136
800	813	-	1085	50	990	135	865	14.2	12	22	930	5	24	M45	48	186
900	914	-	1185	54	1090	145	968	16	12	24	1030	5	28	M45	48	236
1000	1016	-	1320	58	1210	155	1070	17.5	16	24	1140	5	28	M52	56	307

**Note:**

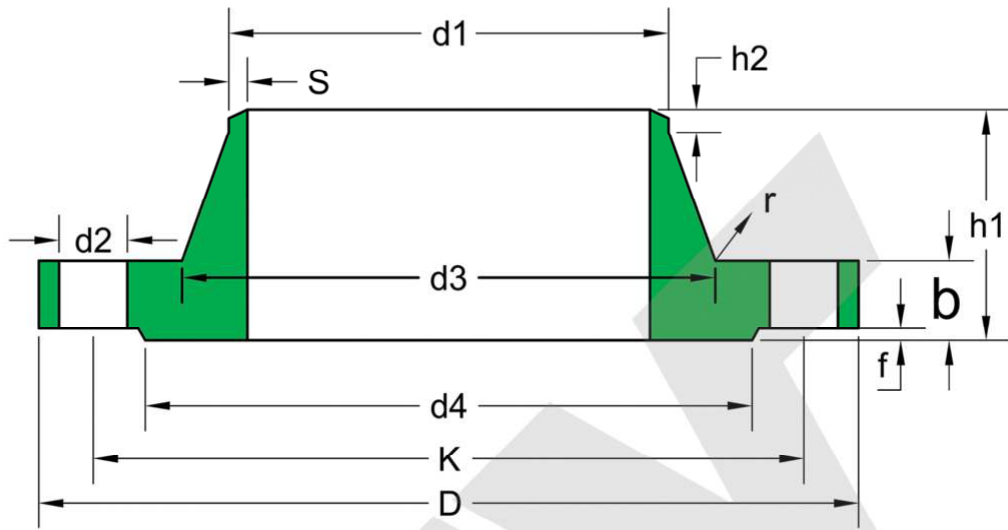
\* Nominal width in brackets should be avoided wherever possible

\* The pipe mating dimensions of series 1 are international, whilst those of series 2 are still used in Germany



# WELDING NECK PN 40

DIN 2635



Unit:mm

Pipe mating dimensions			Flanges				Socket				Raised face		Screws		Weight of a flange (7.85kg/dm <sup>3</sup> ) kg	
Normal Width	d1		D	b	k	h1	d3	s	r	h2	d4	f	Num	Thread		d2
	Series 1	Series 2														
10	-	14	90	16	60	35	25	1.8	4	6	40	2	4	M12	14	0.661
	17.2	-					28									
15	-	20	95	16	65	38	30	2	4	6	45	2	4	M12	14	0.746
		21.3					-									
20	-	25	105	18	75	40	38	2.3	4	6	58	2	4	M12	14	1.06
		26.9					-									
25	-	30	115	18	85	40	42	2.6	4	6	68	2	4	M12	14	1.29
		33.7					-									
32	-	38	140	18	100	42	52	2.6	6	6	78	2	4	M16	18	1.88
		42.4					-									
40	-	44.5	150	18	110	45	60	2.6	6	7	88	3	4	M16	18	2.33
		48.3					-									
50	-	57	165	20	125	48	72	2.9	6	8	102	3	4	M16	18	2.82
		60.3					-									
65	76.1	-	185	22	145	52	90	2.9	6	10	122	3	8	M16	18	3.74
80	88.9	-	200	24	160	58	105	3.2	8	12	138	3	8	M16	18	4.75
100	-	108	235	24	190	65	128	3.6	8	12	162	3	8	M20	22	6.52
		114.3					-									
125	-	133	270	26	220	68	155	4	8	12	188	3	8	M24	26	9.07
		139.7					-									
150	-	159	300	28	250	75	182	4.5	10	12	218	3	8	M24	26	11.8
		168.3					-									
(175)	193.7	-	350	32	295	82	218	5.6	10	15	260	3	12	M27	30	18.2
200	219.1	-	375	34	320	88	244	6.3	10	16	285	3	12	M27	30	21.5
250	-	267	450	38	385	105	298	7.1	12	18	345	3	12	M30	33	34.9
		273					-									
300	323.9	-	515	42	450	115	362	8	12	18	410	4	16	M30	33	49.7
350	355.6	-	580	46	510	125	408	8.8	12	20	465	4	16	M33	36	68.1
		-														
400	406.4	-	660	50	585	135	462	11	12	20	535	4	16	M36	39	96.5
		-														
500	508	-	755	52	670	140	562	14.2	12	20	615	4	20	M39	42	117

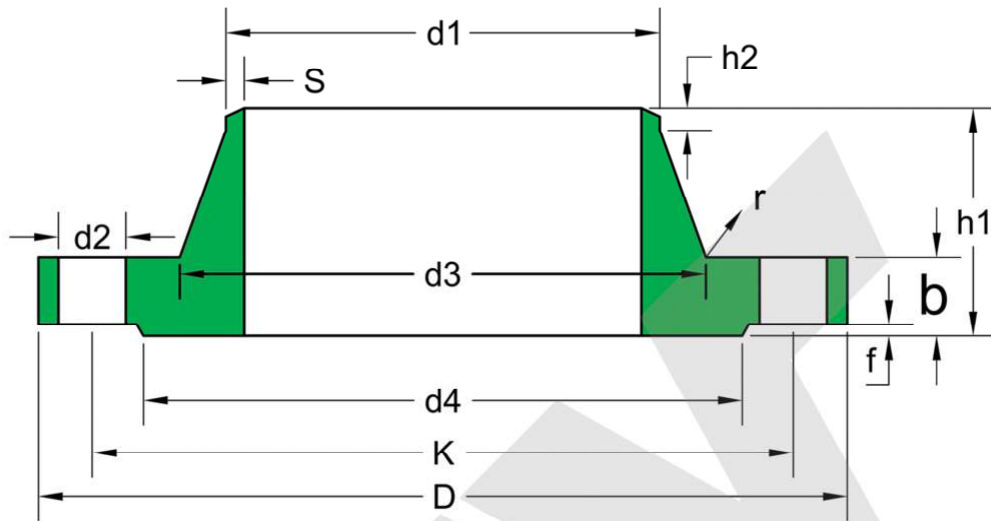
**Note:**

- \* Nominal width in brackets should be avoided wherever possible
- \* The pipe mating dimensions of series 1 are international, whilst those of series 2 are still used in Germany



# WELDING NECK PN 64

DIN 2636



Unit:mm

Pipe mating dimensions			Flanges				Socket				Raised face		Screws			Weight of a flange (7.85kg/dm <sup>3</sup> ) kg
Normal Width	d1		D	b	k	h1	d3	s	r	h2	d4	f	Num	Thread	d2	
	Series 1	Series 2														
10 to 40			See DIN 2637. Rated pressure 100.													
50	- 60,3	57 -	180	26	135	62	78 82	2,9	6	10	102	3	4	M 20	22	4,55
65	76,1	-	205	26	160	68	98	3,2	6	12	122	3	8	M20	22	5,73
80	88,9	-	215	28	170	72	112	3,6	8	12	138	3	8	M20	22	6,69
100	- 114,3	108 -	250	30	200	78	132 138	4	8	12	162	3	8	M24	26	9,66
125	- 139,7	133 -	295	34	240	88	162 168	4,5	8	12	188	3	8	M27	30	15,1
150	- 168,3	159 -	345	36	280	95	192 202	5,6	10	12	218	3	8	M 30	33	21,9
(175)	193,7	-	375	40	310	105	228	6,3	10	16	260	3	12	M 30	33	23,7
200	219,1	-	415	42	345	110	256	7,1	10	16	285	3	12	M33	36	34,9
250	- 273	267 -	470	46	400	125	310 316	8,8	12	18	345	3	12	M33	36	49,6
300	323,9	-	530	52	460	140	372	11	12	18	410	4	16	M33	36	68,7
350	355,6 -	- 368	600	56	525	150	420	12,5	12	20	465	4	16	M36	39	94,6
400	406,4 -	- 419	670	60	585	160	475	14,2	12	20	535	4	16	M39	42	124

**Note:**

\* Nominal width in brackets should be avoided wherever possible

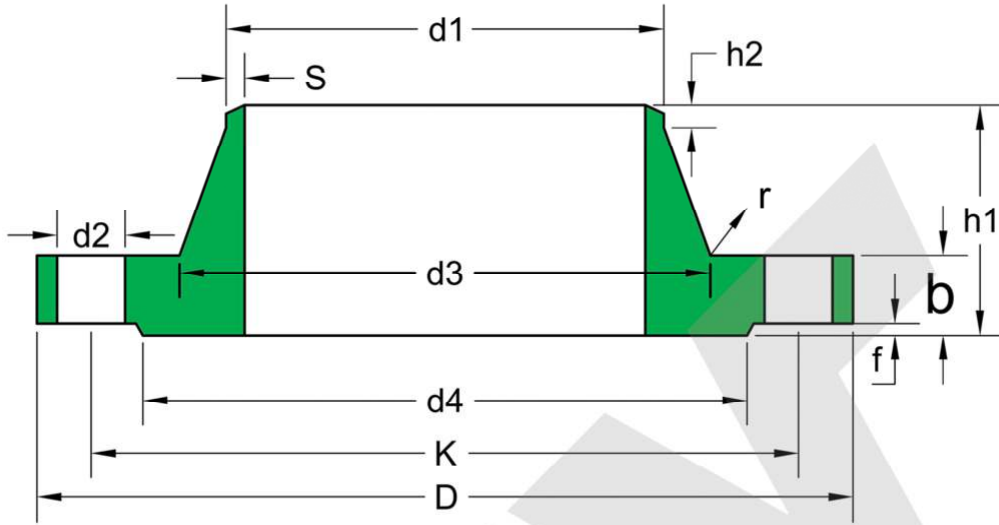
\* The pipe mating dimensions of series 1 are international, whilst those of series 2 are still used in Germany





# WELDING NECK PN 100

DIN 2637



Unit:mm

Pipe mating dimensions			Flanges				Socket				Raised face		Screws			Weight of a flange (7.85kg/dm <sup>3</sup> ) kg
Normal Width	d1		D	b	k	h1	d3	s	r	h2	d4	f	Num	Thread	d2	
	Series 1	Series 2														
10	-	14	100	20	70	45	28	1,8	4	6	40	2	4	M 12	14	1,09
	17,2	-					32									
15	-	20	105	20	75	45	32	2	4	6	45	2	4	M 12	14	1,19
	21,3	-					34									
25	-	30	140	24	100	58	48	2,6	4	8	68	2	4	M 16	18	2,66
	33,7	-					52									
40	-	44,5	170	26	125	62	65	2,9	6	10	88	3	4	M20	22	4,09
	48,3	-					70									
50	-	57	195	28	z	68	86	3,2	6	10	102	3	4	M 24	26	5,98
	60,3	-					90									
65	76,1	-	220	30	170	76	108	3,6	6	12	122	3	8	M 24	26	7,91
80	88,9	-	230	32	180	78	120	4	8	12	138	3	8	M24	26	8,95
100	-	108	265	36	210	90	145	5	8	12	162	3	8	M27	30	13,7
	114,3	-					150									
125	-	133	315	40	250	105	180	6,3	8	12	188	3	8	M 30	33	22,7
	139,7	-														
150	-	159	355	44	290	115	210	7,1	10	12	218	3	12	M30	33	30,2
	168,3	-														
(175)	193,7	-	385	48	320	127	245	8,8	10	16	260	3	12	M30	33	38,9
200	219,1	-	430	52	360	130	278	10	10	16	285	3	12	M33	36	52,8
250	-	267	505	60	430	157	340	12,5	12	18	345	3	12	M 36	39	81,4
	273	-														
300	323,9	-	585	68	500	170	400	14,2	12	18	410	4	16	M39	42	122
350	355,6	-	655	74	560	189	460	16	12	20	465	4	16	M45	48	165
	-	368														

**Note:**

\* Nominal width in brackets should be avoided wherever possible

\* The pipe mating dimensions of series 1 are international, whilst those of series 2 are still used in Germany