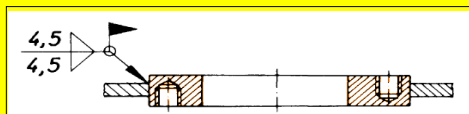
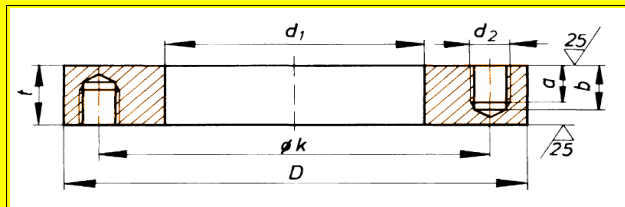


Maryland Metrics: Technical Data Chart

Norwegian Standard (NS) Flanges

NS 2539



Example
NS 2539-200 PN 10

Marine industry Set-in flanges NS2539 Nominal pressure PN 10

Nominal diameter DN	Flange				Number	Threaded hole 1)			Mass kg									
	D	d1	k	t		Threads	d2	a		b								
15	See NS 2542 (PN 40)																	
20																		
25																		
32																		
40																		
50	See NS 2540 (PN 16).																	
65																		
80										See NS 2542 (PN 40).								
100										See NS 2540 (PN 16).								
125																		
150																		
(175)																		
200	340	210	295	38	2 x 8	M20	23	29	15,7									
250	395	260	350	38	2 x 12	M20	23	29	19,1									
300	445	310	400	38	2 x 12	M20	23	29	22,3									
350	505	350	460	38	2 x 16	M20	23	29	28,9									
400	565	400	515	44	2 x 16	M24	28	34	39,5									
(450)	615	450	565	44	2 x 20	M24	28	34	43,0									
500	670	500	620	44	2 x 20	M24	28	34	49,3									

Sizes in parentheses should be avoided

Dimensions in mm

NS 2540

Example
NS 2540-200 PN

Marine industry Set-in flanges NS2540 Nominal pressure PN 16

Nominal diameter DN	Flange				Threaded hole 1)				Mass kg
	D	d1	k	t	Number	Threads d2	a	b	
15 20 25 32 40 50	See NS 2542 (PN 40).								
65 80	185	70	145	33	2 x 4	M16	19	25	5,68
100	See NS 2542 (PN 40).								
100	220	107	180	33	2 x 8	M16	19	25	6,96
125	250	132	210	33	2 x 8	M16	19	25	8,61
150	285	160	240	38	2 x 8	M20	23	29	12,0
(175)	315	185	270	38	2 x 8	M20	23	29	14,2
200	340	210	295	38	2 x 12	M20	23	29	15,2
250	405	260	355	44	2 x 12	M24	28	34	23,4
300	460	310	410	44	2 x 12	M24	28	34	28,6
350	520	350	470	44	2 x 16	M24	28	34	36,4
400	580	400	525	49	2 x 16	M27	31	39	47,8
(450)	640	450	585	49	2 x 20	M27	31	39	55,7
500	715	500	650	55	2 x 20	M30	34	43	79,2

Sizes in parentheses should be avoided

Dimensions in mm

NS 2542

Example
NS 2542-200 PN 40

Marine industry Set-in flanges NS2542 Nominal pressure PN 40

Nominal diameter DN	Flange				Threaded hole 1)				Mass kg
	D	d1	k	t	Number	Threads d2	a	b	
15	95	15	65	33	2x 4	M12	14	20	1,70
20	105	20	75	33	2x 4	M12	14	20	2,07
25	115	25	85	33	2x 4	M12	14	20	2,47
32	140	32	100	33	2x 4	M16	19	25	3,50
40	150	43	110	33	2x 4	M16	19	25	3,93
50	165	55	125	33	2x 4	M16	19	25	4,64
65	185	70	145	33	2x 8	M16	19	25	5,40
80	200	82	160	33	2x 8	M16	19	25	6,21
100	235	107	190	38	2x 8	M20	23	29	9,19
125	270	132	220	44	2x 8	M24	28	34	13,2
150	300	160	250	44	2x 8	M24	28	34	15,6
(175)	350	185	295	49	2 X 12	M27	31	39	22,6
200	375	210	320	49	2 X 12	M27	31	39	25,1
250	450	260	385	55	2 X 12	M30	34	43	40,1

Sizes in parentheses should be avoided

Dimensions in mm