

DIN Mounting Flange BFD

DIN 1092-1 VARIANT * Material - stainless steel (see Appendix - Sheath materials) Nominal pressure - PN25...PN100	D(BFDDx) FACE *					
	A	B	D	F	G	H
	flat	raised	groove	recess	O-ring recess	O-ring groove
<p><b>DESIGN WITHOUT NECK (01)</b></p> <p><b>DESIGN WITH WELDING NECK (11)</b> <b>DESIGN WITH THREADED NECK (13)</b></p>						
<p><b>Maximum temperature: 850 °C</b></p> <p>* Other standard types and faces are available on request. Please contact BASII</p>						

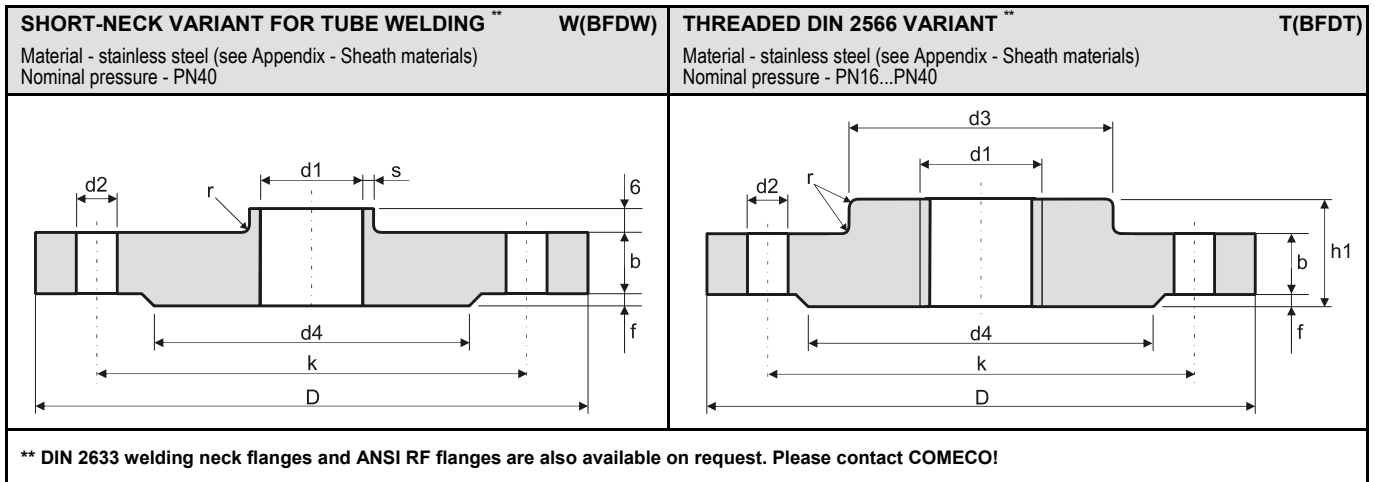
Nominal size	DN10	DN15	DN20	DN25	DN32	DN40	DN50	DN65
d1	18 (3/8")	22 (1/2")	27.5 (3/4")	34.5 (1")	43.5 (1 1/4")	49.5 (1 1/2")	61.5 (2")	77.5 (2 1/2")
D [mm]	90	95	105	115	140	150	165	185
b1 / b2 [mm]	14 / 16	14 / 16	16 / 18	16 / 18	18	18	20	22
k [mm]	60	65	75	85	100	110	125	145
d3 [mm]	30	35	45	52	60	70	84	104
h1 [mm]	22	22	26	28	30	32	34	38
d4 [mm]	40	45	58	68	78	88	102	122
w [mm]	24	29	36	43	51	61	73	95
y / z [mm]	35 / 23	40 / 28	51 / 35	58 / 42	66 / 50	76 / 60	88 / 72	110 / 94
r [mm]	4	4	4	4	6	6	6	6
d2 [mm]	14	14	14	14	18	18	18	18
Bolts	4 x M12	4 x M12	4 x M12	4 x M12	4 x M16	4 x M16	4 x M16	8 x M16

**Ordering code** BFDD\* - G4.G5.G9.G10.G14

Code	Feature or option	Code values
*	Design	01 - w/o neck, 11 - w/ welding neck, 13 - w/ treaded neck
G4	Nominal size	DN10, DN15, DN20, DN25, DN32, DN40, DN50, DN65, Z - other (specify!) <sup>(1)</sup>
G5	Tube diameter (for welding) 'd1' [mm]	X - none (blind flange), 18...77.5 <sup>(2)</sup> , Z - other
G9	Connection thread 'd1'	Q3 - G3/8", Q4 - G1/2", Q6 - G3/4", Q12 - G1", Q27 - G1 1/4", Q14 - G2", Z - other (specify!) <sup>(1)</sup>
G10	Material	M1 - 1.4301, M2 - 1.4541 <sup>(1)</sup> , M3 - 1.4571 <sup>(1)</sup> , M9 - 1.4404 <sup>(1)</sup>
G14	Face	A - flat, B - raised, D - groove, F - recess, G - O-ring recess, H - O-ring groove

<sup>(1)</sup> Contact BASII

<sup>(2)</sup> Applicable for the selected size



Nominal size	DN6	DN8	DN10	DN15	DN20	DN25	DN32	DN40	DN50	DN65
d1 thread	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"
d1 tube for welding [mm]	8, 10, 12		12, 14, 16		16, 20, 25		25, 32, 40		40, 50, 65	
D [mm]	75	80	90	95	105	115	140	150	165	185
b [mm]	12	12	14	14	16	16	16	16	18	18
k [mm]	50	55	60	65	75	85	100	110	125	145
d3 [mm]	20	25	30	35	45	52	60	70	85	105
h1 [mm]	18	18	20	20	24	24	26	26	28	32
d4 [mm]	32	38	40	45	58	68	78	88	102	122
f [mm]	2	2	2	2	2	2	2	3	3	3
r [mm]	2	2	3	3	4	4	5	5	5	6
s [mm]	1.5	1.5	1.8	2	2.3	2.6	2.6	2.6	2.9	2.9
Bolts	4 x M10	4 x M10	4 x M12	4 x M12	4 x M12	4 x M12	4 x M16	4 x M16	4 x M16	8 x M16
d2 [mm]	11	11	14	14	14	14	18	18	18	18
Weight [kg]	0.33	0.38	0.54	0.61	0.91	1.10	1.60	1.78	2.43	3.18

**Ordering code** BFD\* - G4.G5.G9.G10

Code	Feature or option	Code values
*	Variant	W - for tube welding, T - threaded
G4	Nominal size	DN6, DN8, DN10, DN15, DN20, DN25, DN32, DN40, DN50, DN65, Z - other (specify!) <sup>(1)</sup>
G5	Tube diameter (for welding) 'd1' [mm] <sup>(3)</sup>	X - none (blind flange), 8...65 <sup>(2)</sup> , Z - other
G9	Connection thread 'd1' <sup>(2,4)</sup>	Q3 - G3/8", Q4 - G1/2", Q6 - G3/4", Q12 - G1", Q27 - G1 1/4", Q14 - G2", Z - other (specify!) <sup>(1)</sup>
G10	Material	M1 - 1.4301, M2 - 1.4541 <sup>(1)</sup> , M3 - 1.4571 <sup>(1)</sup> , M9 - 1.4404 <sup>(1)</sup>

<sup>(3)</sup> Code only for variant 'W'!

<sup>(4)</sup> Code only for variant 'T'!