

STYLE CG & CGI TO ASME B16.20

TO SUIT LARGE DIAMETER ASME B16.47 SERIES A FLANGES

CLASS 400-600-900



TABLE 7.1

CLASS 400					CLASS 600					CLASS 900*				
Nom. Pipe Size	Inner Ring Inside Dia.	Sealing Element		Centering Ring Outside Dia.	Nom. Pipe Size	Inner Ring Inside Dia.	Sealing Element		Centering Ring Outside Dia.	Nom. Pipe Size	Inner Ring Inside Dia.	Sealing Element		Centering Ring Outside Dia.
		Inside Dia.	Outside Dia.				Inside Dia.	Outside Dia.				Inside Dia.	Outside Dia.	
22	-	22 ³ / ₄	24 ³ / ₄	27 ⁵ / ₈	22	-	22 ³ / ₄	24 ³ / ₄	28 ⁷ / ₈	22	-	-	-	-
26	26	27	29	32 ³ / ₄	26	25 ¹ / ₂	27	29	34 ¹ / ₈	26	26	27	29	34 ³ / ₄
28	28	29	31	35 ¹ / ₈	28	27 ¹ / ₂	29	31	36	28	28	29	31	37 ¹ / ₄
30	29 ³ / ₄	31 ¹ / ₄	33 ¹ / ₄	37 ¹ / ₄	30	29 ³ / ₄	31 ¹ / ₄	33 ¹ / ₄	38 ¹ / ₄	30	30 ¹ / ₄	31 ¹ / ₄	33 ¹ / ₄	39 ³ / ₄
32	32	33 ¹ / ₂	35 ¹ / ₂	39 ¹ / ₂	32	32	33 ¹ / ₂	35 ¹ / ₂	40 ¹ / ₄	32	32	33 ¹ / ₂	35 ¹ / ₂	42 ¹ / ₄
34	34	35 ¹ / ₂	37 ¹ / ₂	41 ¹ / ₂	34	34	35 ¹ / ₂	37 ¹ / ₂	42 ¹ / ₄	34	34	35 ¹ / ₂	37 ¹ / ₂	44 ³ / ₄
36	36 ¹ / ₈	37 ⁵ / ₈	39 ⁵ / ₈	44	36	36 ¹ / ₈	37 ⁵ / ₈	39 ⁵ / ₈	44 ¹ / ₂	36	36 ¹ / ₄	37 ³ / ₄	39 ³ / ₄	47 ¹ / ₄
38	37 ¹ / ₂	38 ¹ / ₄	40 ¹ / ₄	42 ¹ / ₄	38	37 ¹ / ₂	39	41	43 ¹ / ₂	38	39 ³ / ₄	40 ³ / ₄	42 ³ / ₄	47 ¹ / ₄
40	39 ³ / ₈	40 ³ / ₈	42 ³ / ₈	44 ³ / ₈	40	39 ³ / ₄	41 ¹ / ₄	43 ¹ / ₄	45 ¹ / ₂	40	41 ³ / ₄	43 ¹ / ₄	45 ¹ / ₄	49 ¹ / ₄
42	41 ³ / ₈	42 ³ / ₈	44 ³ / ₈	46 ³ / ₈	42	42	43 ¹ / ₂	45 ¹ / ₂	48	42	43 ³ / ₄	45 ¹ / ₄	47 ¹ / ₄	51 ¹ / ₄
44	43 ¹ / ₂	44 ¹ / ₂	46 ¹ / ₂	48 ¹ / ₂	44	43 ³ / ₄	45 ³ / ₄	47 ³ / ₄	50	44	45 ¹ / ₂	47 ¹ / ₂	49 ¹ / ₂	53 ³ / ₈
46	46	47	49	50 ³ / ₄	46	45 ³ / ₄	47 ³ / ₄	49 ³ / ₄	52 ¹ / ₄	46	48	50	52	56 ¹ / ₂
48	47 ¹ / ₂	49	51	53	48	48	50	52	54 ³ / ₄	48	50	52	54	58 ¹ / ₂
50	49 ¹ / ₂	51	53	55 ¹ / ₄	50	50	52	54	57	50	-	-	-	-
52	51 ¹ / ₂	53	55	57 ¹ / ₄	52	52	54	56	59	52	-	-	-	-
54	53 ¹ / ₄	55 ¹ / ₄	57 ¹ / ₄	59 ³ / ₄	54	54 ¹ / ₄	56 ¹ / ₄	58 ¹ / ₄	61 ¹ / ₄	54	-	-	-	-
56	55 ¹ / ₄	57 ¹ / ₄	59 ¹ / ₄	61 ³ / ₄	56	56 ¹ / ₄	58 ¹ / ₄	60 ¹ / ₄	63 ¹ / ₂	56	-	-	-	-
58	57 ¹ / ₄	59 ¹ / ₄	61 ¹ / ₄	63 ³ / ₄	58	58	60 ¹ / ₂	62 ¹ / ₂	65 ¹ / ₂	58	-	-	-	-
60	59 ³ / ₄	61 ³ / ₄	63 ³ / ₄	66 ¹ / ₄	60	60 ¹ / ₄	62 ³ / ₄	64 ³ / ₄	68 ¹ / ₄	60	-	-	-	-

DIMENSIONS IN INCHES.

NOTE: There are no class 900 flanges NPS 50 and larger.

*Inner rings are mandatory for class 900 flanges, NPS 26 to 48.

For ASME B16.47 Series A flanges NPS 12 to 24 use gasket dimensions listed on page 10, for ASME B 16.5 flanges.

The above style CG gasket dimensions are also suitable for NPS 26 to 36 class 400 and 600 BS 3293 flanges.

THE ANSWER IS ALWAYS

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