

## Standards used for dimensions and design of flanges based on size and pressure class

Standard	Work Pressure	Flange Types	Size
API 6A	2000 -15000 PSI	Welding Neck, Blind, Integral	21/16"~20 3/4"
API 605	75 ~ 900 #	Welding Neck, Blind	26"~60"
ASME B16.5	150 ~ 2500 #	Welding Neck, Blind, Slip On, Threaded, Socket Weld, Lapped flange	1/2"~24"
ASME B16.47(A)	150 ~ 900 #	Welding Neck, Blind	26"~60"
ASME B16.47(B)	75 ~ 900 #	Welding Neck, Blind	26"~60"
ASME B16.36	300 ~ 2500 #	Orifice	1"~24"
MSS SP44	150 ~ 900 #	Welding Neck, Blind	12"~60"
BS 3293	150 ~ 600 #	Welding Neck, Slip on	26"~48"
BS 1560	150 ~ 2500 #	Welding Neck, Blind	1/2"~24"
DIN	PN6 ~ PN400 #	Water (Low Pressure)	1/2"~56"
ASME B16.48	150 ~ 2500 #	Paddle Spectacle	1/2" - 24"
ASME B 31.3	250 ~ 15000 PSI	Paddle Spectacle	1/2"~ 60"
ASME Sec VIII	250 ~ 15000 PSI	Flange	1/2"~ 60"