

ANSI/ASME B16.5
Flange Dimensional Tolerances
For All Flanges, Excluding Weld Neck Flanges

OUTSIDE DIAMETER	All Sizes	+0.12", -0.06"
INSIDE DIAMETER	When Nominal Size is 10" or less	+0.03", -0.00"
	When Nominal Size is over 12"	+0.06", -0.00"
HUB DIAMETER	All Sizes	+0.12" , -0.06"
RAISED (CONTACT) FACE	Raised Face Diameter	+0.02", -0.02"
	Raised Face Height	+0.03", -0.03"
DRILLING	Bolt Hole Diameter	+0.03", -0.03"
	Bolt Circle Diameter	+0.06", - 0.06"
	Bolt Hole Spacing	+0.03", - 0.03"
THICKNESS	When Nominal Size is 18" and smaller	+0.12", - 0.00"
	When Nominal Size is 20" and larger	+0.18", - 0.00"
Length Thru Hub	When Nominal Size is 18" and smaller	+0.12", -0.03"
	When Nominal Size is 20" and larger	+0.18", -0.06"
CONCENTRICITY	All Center Diameters	0.031" Max