



THREAD, SOCKET - WELDING

SLIP - ON, LAP JOINT AND BLIND

Outside Diameter	When O.D. is 24'' or less	$\pm 1/16'' (1,6mm)^*$
	When O.D. is Over 24''	$\pm 1/8'' (3,2mm)^*$
Inside Diameter	Threaded	Within limits on boring gauge
	Socket - welding. Slip-on and Lap joint	10'' & Smaller $+ 1/32'' (0,8 mm), - 0$ 12'' & Larger $+ 1/16'' (1,6 mm), - 0$
Outside Diameter of Hub	5'' and Smaller	$+ 3/32'' (2,4 mm)^*$ $- 1/32'' (0,8 mm)$
	6'' and Larger	$+ 5/32'' (4,0 mm)$ $- 1/32'' (0,8mm)$
Diameter of Contact Face	1/16'' Raised Face	$\pm 1/32'' (0,8 mm)$
	1/4'' Raised Face Tongue & Globe Male. Female	$\pm 1/64'' (0,4 mm)$
Diameter of Contact Bore	Same as for Inside Diameter	
Drilling	Bolt Circle	$\pm 1/16'' (1,6 mm)$
	Bolt Hole Spacing	$\pm 1/32'' (0,8 mm)$
	Eccentricity of Bolt Circle with Respect to Facing	2 1/2'' Smaller $1/32'' (0,8 mm) \text{ Max.}$ 3'' & Larger $1/16'' (1,6 mm) \text{ Max}$
	Eccentricity of Bolt Circle with Respect to Bore	$1/32'' (0,8 mm) \text{ Max.}$
	Eccentricity of Bolt Circle with Respect to Bor	$1/32'' (0,8 mm) \text{ Max.}$
Thickness	18'' and Smaller	$+ 1/8'' (3,2 mm), - 0$
	20'' and Larger	$+ 3/16'' (4,8 mm), - 0$
Length Thru Hub	10'' and Smaller	$\pm 1/16'' (1,6 mm)$
	12'' and Larger	$\pm 1/8'' (3,2 mm)$

WELDING NECK

Outside Diameter	When O.D. is 24'' or less	$\pm 1/16'' (1,6mm)^*$
	When O.D. is Over 24''	$\pm 1/8'' (3,2mm)$
Inside Diameter	10'' and Smaller	$\pm 1/32'' (0,8 mm)$
	12'' thru 18''	$\pm 1/16'' (1,6 mm)$
	20'' and Larger	$+ 1/8'' (3,2 mm)$ $- 1/16'' (1,6 mm)$
Diameter of Contact Face	1/16'' Raised Face	$\pm 1/32'' (0,8 mm)$
	1/4'' Raiced Face Tongue & Globe Male. Female	$\pm 1/64'' (0,4 mm)$
Diameter of Hub at Base	When Hub Base is 24'' or Smaller	$\pm 1/16'' (1,6 mm)^*$
	When Hub Base is Over 24''	$\pm 1/8'' (3,2 mm)^*$
Diameter of Hub at Point of Welding	5'' and Smaller	$+ 3/32'' (2,4 mm)$ $- 1/32'' (0,8 mm)$
	6'' and Larger	$+ 5/32'' (4,0 mm)$ $- 1/32'' (0,8 mm)$
Drilling	Bolt Circle	$\pm 1/16'' (1,6 mm)$
	Bolt Hole Spacing	$\pm 1/32'' (0,8 mm)$
	Eccentricity of Bolt Circle with Respect to Facing	2 1/2'' Smaller $1/32'' (0,8 mm) \text{ Max}$ 3'' & Larger $1/16'' (1,6mm) \text{ Max}$
	Eccentricity of Bolt Circle with Respect to Bore	$1/32'' (0,8mm) \text{ Max}^*$
Thickness	18'' and Smaller	$+ 1/8'' (3,2 mm), - 0$
	20'' and Larger	$+ 3/16'' (4,8mm), - 0$
Length Thru Hub	10'' and Smaller	$\pm 1/16'' (1,6mm)$
	12'' and Larger	$\pm 1/8'' (3,2mm)$

Note: * This tolerance is not covered in ANSI B16,5 but maker's option.