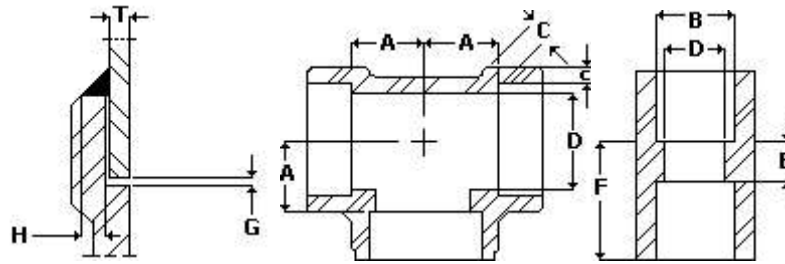


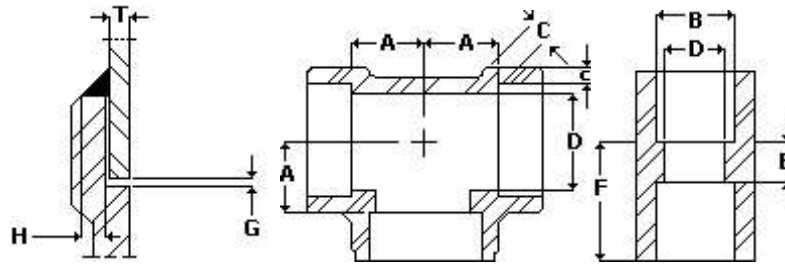
ASME B16.11 Dimensional Tolerances

Engineering Specifications for Socket Weld Fittings Manufactured Per ASME B16.11-2001



DIMENSIONAL TOLERANCES PERMITTED UNDER THIS AMERICAN STANDARD ASME B16.11-2001

"A" - CENTER TO BOTTOM OF SOCKET	FOR SIZES 1/8" AND 1/4"	$\pm 0.03"$
	3/8", 1/2" AND 3/4"	$\pm 0.06"$
	1", 1-1/4", 1-1/2" AND 2"	$\pm 0.08"$
	2-1/2", 3", AND 4"	$\pm 0.10"$
"B" - BORE DIAMETER OF SOCKET	FOR SIZES 1-1/2" AND SMALLER	$+ 0.020"$ $- 0.000"$
	2", 2-1/2", 3" AND 4"	$+ 0.025"$ $- 0.000"$
"C" - SOCKET WALL THICKNESS	MINIMUM = 1.09 T (BUT NOT LESS THAN 5/32") T = WALL THICKNESS OF NOMINAL PIPE	
"D" - BORE DIAMETER OF FITTING	FOR SIZES 2" AND SMALLER	$\pm 0.030"$
	2-1/2", 3" AND 4"	$\pm 0.060"$
"E" - BOTTOM TO BOTTOM OF SOCKETS - COUPLINGS	FOR SIZES 1/8" AND 1/4"	$\pm 0.06"$
	3/8", 1/2" AND 3/4"	$\pm 0.12"$
	1", 1-1/4", 1-1/2" AND 2"	$\pm 0.16"$
	2-1/2", 3", AND 4"	$\pm 0.20"$
"F" - BOTTOM OF SOCKET TO OPPOSITE FACE - HALF COUPLINGS	FOR SIZES 1/8" AND 1/4"	$\pm 0.03"$
	3/8", 1/2" AND 3/4"	$\pm 0.06"$
	1", 1-1/4", 1-1/2" AND 2"	$\pm 0.08"$
	2-1/2", 3", AND 4"	$\pm 0.10"$

**DIMENSIONAL TOLERANCES PERMITTED UNDER THIS AMERICAN STANDARD ASME B16.11-2001**

"G" - WELDING GAP	APPROXIMATELY 0.06" RECOMMENDED GAP BEFORE WELDING
"H" - MINIMUM FLAT	MINIMUM FLAT = 0.75 X MINIMUM SOCKET WALL THICKNESS