

We purchase it

ASME B36.10M

Pd	OD	ID	T bar	T	T bar - T	% tolerated for OD	% tolerated for ID	Remarks	Toleranced OD	Toleranced ID	T-c	T bar - c	SLP (rigorous)	SLP (Caesar II)	UL (in App S)
Psi	in	in	in	in	in	%	%		in	in	in	in	Psi	Psi	Psi
550	16.0	15.520	0.38	0.328	0.047	0	100	No OD reduced	16.000	15.473	0.265	0.312	8298	7051	14370
550	16.0	15.520	0.38	0.328	0.047	10	90	Vary OD & ID reduced	15.995	15.478	0.265	0.312	8296	7051	14370
550	16.0	15.520	0.38	0.328	0.047	20	80	Vary OD & ID reduced	15.991	15.483	0.265	0.312	8293	7051	14370
550	16.0	15.520	0.38	0.328	0.047	30	70	Vary OD & ID reduced	15.986	15.487	0.265	0.312	8291	7051	14370
550	16.0	15.520	0.38	0.328	0.047	40	60	Vary OD & ID reduced	15.981	15.492	0.265	0.312	8288	7051	14370
550	16.0	15.520	0.38	0.328	0.047	50	50	Vary OD & ID reduced	15.977	15.497	0.265	0.312	8286	7051	14370
550	16.0	15.520	0.38	0.328	0.047	60	40	Vary OD & ID reduced	15.972	15.501	0.265	0.312	8283	7051	14370
550	16.0	15.520	0.38	0.328	0.047	70	30	Vary OD & ID reduced	15.967	15.506	0.265	0.312	8281	7051	14370
550	16.0	15.520	0.38	0.328	0.047	80	20	Vary OD & ID reduced	15.963	15.511	0.265	0.312	8279	7051	14370
550	16.0	15.520	0.38	0.328	0.047	90	10	Vary OD & ID reduced	15.958	15.515	0.265	0.312	8276	7051	14370
550	16.0	15.520	0.38	0.328	0.047	100	0	No ID reduced	15.953	15.520	0.265	0.312	8274	7051	14370
													% Loss	8.0%	

Assume the the value of "T bar - T" = 0.047" gone in miling process caused by reducing dimension of OD and ID with vary combination in %.



Possible dimension delivered by manufacturer to us as per purchase but due to miling the dimension changed and still acceptable since $t_m < T$