



SIZE	E		T		T ₁		I MIN.	B	T.P.I.	MIN. CHORD	
	IDEAL	TOL.	IDEAL	TOL.	IDEAL	TOL.				d	d ₁
38	1.368	±.015	1.462	±.015	1.462	+0.015 -.008	0.938	12°41'	1	0.290	0.226

1. TANGENT $B = \frac{\text{LEAD}}{\pi (\text{MEAN BETWEEN MEAN 'T' AND MEAN 'E'})}$
2. LOCATING DOT REMAINS VISIBLE AFTER CAP APPLICATION, SHOWING POSITION OF STOP. DOT SHOULD NOT VIOLATE THE .490 MINIMUM DEPTH OR BEAD DIAMETER AND SHOULD BE A MINIMUM OF .063 INCH DIAMETER.
3. "E" DIAMETER MUST BE MAINTAINED DOWN TO FILLET AT TRANSFER BEAD.
4. "L" DIMENSION MUST BE MAINTAINED FOR LENGTH OF MIN. d AND d₁ CHORD.
5. SEALING SURFACE MUST BE SMOOTH AND FREE OF IRREGULARITIES THAT WOULD PREVENT A VACUUM SEAL BEING MADE, OR INTERFERE WITH ROTATION OF CLOSURE.
6. MAINTAIN "T" DIAMETER TO A DEPTH OF .430. FROM .430 TO .470 THE THREAD DIAMETER AT THE STOPS MUST BE MAINTAINED PER THE "T₁" DIAMETER AS SHOWN FOR PROPER CAP APPLICATION AND TO REDUCE CAP STRIPPING.
7. IF NO BEAD IS TO BE USED, THE THREAD STOPS AT THE FLAT MUST BE MAINTAINED AT THE SPECIFIED "T₁" DIAMETER AND THE .470 MINIMUM DEPTH.
8. THIS FINISH IS IDENTICAL TO GPI 2000 EXCEPT FOR CHANGES IN THE TOP SEALING SURFACE AND VERTICAL DIMENSIONS (.100 TALLER).

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