1. THIS IS A TOP SEAL FINISH AND PROPER FUNCTION OF CLOSURE REQUIRES THAT THE SEALING SURFACE MUST BE SMOOTH AND FREE OF IRREGULARITIES THAT WOULD PREVENT A VACUUM SEAL BEING MADE OR INTERFERE WITH ROTATION OF CLOSURE. VARIATION OF .00 FLAT SHOULD NOT EXCEED CURVATURE OF A 2.55 RADIUS.

2. BEST SEALING RESULTS ARE OBTAINED WHEN GLASS FINISH IS ROUND AND TO THE DIAMETERS SHOWN IN COLUMN HEADED "IDEAL." THE AVERAGE OF THE MAXIMUM AND MINIMUM EXTREMES OF THE E AND T DIAMETERS SHOULD BE AS CLOSE AS POSSIBLE TO DIMENSIONS SHOWN IN COLUMN HEADED "IDEAL.

3. "T" DIAMETER MUST BE MAINTAINED THROUGHOUT THREAD TRAVEL. REF. DEPTH .40

4. CONSTRUCTION IS IDENTICAL FOR ALL FOUR THREADS.

5. DOTTED CONTOUR IS OPTIONAL, BUT MUST CLEAR CAP LIMITS SHOWN BY SHADED AREA ABOVE .10 ZV. DIMENSION.

6. SHADED AREA SHOWS CONTOUR TO BE CLEANED BY THE TOP OF THE GLASS FINISH FOR CORRECT SEALING RESULTS.

7. IN ORDER TO PROVIDE CUTOFF ACTION FOR CAP REMOVAL TOP SURFACE OF TWO OPPOSING THREADS FROM POINT "X" UNTIL .1000 ALONG HELD ANGLE SHOULD BE SMOOTH AND SUBSTANTIALLY FILLED.

8. "Z" IS HELIX ANGLE AT PITCH DIAMETER. THE CUTTER IS INCLINED AT 1/2 ANGLE FOR ALL THREADS AND ALL CUTS.

9. TANGENT OF "T" MEAN BETWEEN "T" AND "E" MEAN LEAD

10. THIS SPECIAL GLASS FINISH IN Junction With Acceptance Criteria Listed Below, When Used As Indicated, Is Designed TO Provide A Baseline For Ensuring Compatibility and Interoperability Between Manufacturing and Quality Assurance/Quality Control and Finished Product. The User Should Be More Than Able To Identify The Acceptability of the Final Product. The User Is Responsible for Assuring the Use of This Specification, the Standard, and the Practice to the Manufacturing and Manufacturing/Quality Assurance/Quality Control of the Finished Product. This Special Finish Is Designed to Be Used on Metric Threaded Components and It Is Not Recommended For Use on Components Which Are Not Specifically Designed to Accommodate This Finish. It Is THE User'S Responsibility To Assure THE Final Product Is Compatible With THE GLASS Finish when used on Parts or Components. This Finish is Designed for Use on Components Which Are Not Specifically Designed to Accommodate This Finish. This Finish is Designed for Use on Components Which Are Not Specifically Designed to Accommodate This Finish. This Finish is Designed for Use on Components Which Are Not Specifically Designed to Accommodate This Finish. This Finish is Designed for Use on Components Which Are Not Specifically Designed to Accommodate This Finish. This Finish is Designed for Use on Components Which Are Not Specifically Designed to Accommodate This Finish. This Finish is Designed for Use on Components Which Are Not Specifically Designed to Accommodate This Finish. This Finish is Designed for Use on Components Which Are Not Specifically Designed to Accommodate This Finish. This Finish is Designed for Use on Components Which Are Not Specifically Designed to Accommodate This Finish. This Finish is Designed for Use on Components Which Are Not Specifically Designed to Accommodate This Finish.