1. For ideal sealing of crown liner the thread lip should be sharp to 0.03 max. radius.
2. Certain capping equipment requires that neck contour be within limits of recommended guide contour.
3. The angle of the cutter to the fixture is equal to the helix angle.
4. The sealing surface is shown by the heavy line.
5. The "C" dimension is measured through entire finish and neck of bottle.
6. The "C" dimension must be maintained as shown by using a cylindrical type guide, reamed 0.01 I.D. down from top of finish.
7. The "S" dimension represents the distance from the top of finish to a construction point measured at the first full start of thread. The "I" dimension is the vertical distance from the top of the finish to the bottom of the 0.085 shear radius of the thread contour at the lowest point of the thread.
8. The sealing surface of the finish not to be out of parallel with base of bottle in excess of 0.025.
9. Threads must not be deformed.
10. Top of finish should be free of burr, seams, and in order to prevent chipping when using certain types of cappers, its diameter must not exceed 0.030 diameter at horizontal parting line. Undercut at guide ring is considered to be ideal if made 0.000 to 0.005. To provide for guide ring shift, 0.005 undercut is permitted on maximum size only.
11. Neck ring is parted through single thread.
12. Proper application and function of closure requires that variations in the E dimension should follow those of t subject to normal manufacturing conditions, including the thread profile illustrated.
13. The 0.035 flat shown in the thread cross section detail is optional. When the flat is not used, the "S" dimension should be adjusted to 0.025 max.
14. Tangent x = 0.6 (pitch between mean "T" and mean "E")
15. It is the responsibility of the glass container purchaser to consult with its capper and container supplier to determine the appropriate pressure limits for the combination of container, glass finish, and closure, (when the container will be subjected to pressure or used for contents under pressure).