

15.90 DIA CUTTER

8.70 MIN.

- А

1.55

CUTTER PROFILE

1.40R

95R

FOR ALL CUTS

3.00

. 80 GAGE PT .60±.20R

ENLARGED

SECTION C-C

-POINT 'X' SEE NOTE 7

THREAD DEVELOPMENT

GAGE LINE FOR

SEE NOTE 5

LOWEST CAP POSITION

ENLARGED

- 70°±2°

90°

VIEW AT 'X'

1.20R

SECTION A-A

.30± REF.

ENLARGED

SECTION B-B

50°±2°

MEASURE THRU

ENTIRE FINISH

T SEE NOTE 2 T.P.I. LEAD B MIN. SEE NOTE 6 TOL. ±.40 | 37.30 5° 14′ 42.25 1.75 14.50 46.15 4° 52′ 1.75 | 14.50 ±.40 41.30

- 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.
- 2. BEST SEALING RESULTS ARE OBTAINED WHEN GLASS FINISH IS ROUND AND TO THE DIAMETERS SHOWN IN COLUMNS 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 COLUMNS
- 3. WHEN 'E' AND 'T' DIAMETERS ARE AT MAXIMUM, THEY MUST BE CONCENTRIC TO PREVENT INTERFERENCE DURING CAP APPLICATION.
- 4. 'T' DIAMETER MUST BE MAINTAINED THROUGHOUT THREAD TRAVEL
- 5. DOTTED CONTOUR IS OPTIONAL, BUT MUST CLEAR CAP LIMITS SHOWN BY SHADED AREA ABOVE 10.20 DIMENSION
- 6. SHADED AREA SHOWS CONTOUR TO BE CLEARED BY THE TOP OF THE GLASS FINISH FOR CORRECT SEALING RESULTS.
- 7. IN ORDER TO PROVIDE CAM-OFF ACTION FOR CAP REMOVAL TOP SURFACE OF TWO OPPOSING THREADS FROM POINT 'X' UPWARD ALONG HELIX ANGLE SHOULD BE SMOOTH AND SUBSTANTIALLY FILLED.
- 8. THE CUTTER IS INCLINED AT 10° ANGLE FOR ALL THREADS AND ALL CUTS.

9. TANGENT B =LEAD TI (MEAN BETWEEN MEAN 'T' AND MEAN 'E')

CUTTER INCLINED AT 10°

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GLASS FINISH NUMBER

METRIC TOP SEAL VACUUM LUG FINISH, SIZES 53 AND 58