

CALIBRATION CERTIFICATE

CUSTOMER :

Certificate No : 509719

O.A. No. :

OADT :

Date of Issue :

Size : ACME TRIAL  
Description : THREAD PLUG GAUGE

Spec : ACME TRIAL

Specified Dimensions in mm

Actual Dimensions in mm



GO PLUG



GAUGE SR. NO. : TEST ACME

Major Diameter :  $63.7450 \pm 0.0508$  63.7930/63.7950

Pitch Diameter :  $59.2670 \pm 0.0330$  59.2970/59.3000

Minor Diameter : 54.7790 (Max.) CLEARED

Half Angle :  $27^{\circ}30' \pm 6'$    $27^{\circ}25'/27^{\circ}30'$

Pitch Error :  $0.0050 \pm$    $+ 0.0040$  

Hardness : 60 TO 64 HRC  $\pm$   WITHIN LIMIT

Remark : EFF. DIAMETER MEASURED WITH CYL. DIAMETER 4.3994 mm AND RAKE CORRECTION 0.0681 mm

Uncertainty of Measurement for Thread Pitch Diameter :  $\pm 0.005$  mm  
Measurement carried out at  $20^{\circ}\text{C} \pm 1^{\circ}\text{C}$

The above stated uncertainty of measurement is at 95% Confidence Level with coverage factor  $K = 2$ .

Approved Signatory