



Dimension Calibration Center Co., Ltd.

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Certificate of Calibration

Certificate no. ; CC555-01-1234 Page 1 of 2

Customer ; DIMENSION CALIBRATION CENTER CO., LTD.
3/5-6 MOO 4 SUKPRAYOON ROAD , TAMBON DONHUAROH
AMPHUR MUANG , CHONBURI THAILAND 20000

Equipment ; Not-Go Screw thread ring gauge

Manufacturing ; Emuge

Size/Class ; G1/2-B

Serial no. ; 1234

Identification no. ; 1234

Refer no. ; S555-1234

Date of received ; September 17, 2012

Date of calibration ; September 28, 2012

Date of issued ; September 28, 2012

Mr.Seree Renseb
Technician

Mr.Chatchapol Jirojjaturonn
Laboratory manager

The calibration cover by this certificate Have been performed in accordance with the requirement of ISO/IEC 17025: 2005.

The reported uncertainty is based on standard uncertainty multiplied by coverage factor $k=2$ providing of confidence approximately 95%.

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Certificate no.

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CC555-01-1234

Page 2 of 2

Reference standard instrument and traceability

Universal length microscope serial no. 02101.

Certificate no.

Date of calibration

Next calibration

CC555-01-0098

January 22, 2012

January 21, 2014

Traceable to National Institute of Metrology (Thailand) through certificate no. DE-0022-10.

Setting gauge 14 mm serial no. 81202.

Certificate no.

Date of calibration

Next calibration

DD-0052-10

October 1, 2010

September 30, 2013

Traceable to National Institute of Metrology (Thailand) through certificate no. DD-0052-10.

Measurement method

Standard method direct measurement by T-ball and ULM refer to EA-10/10-4/1999 according to work instruction WI5-03-04.

Environment conditions

The measurement was carried out within ambient temperature of $(20 \pm 0.5)^\circ\text{C}$ and relative humidity of $(55 \pm 10)\%$ RH.

Uncertainty of measurement

The uncertainty state is the expanded uncertainty which obtained by multiplying the standard uncertainty by coverage factor $k=2$. It has been determined in accordance with EA publication EA-4/02 "Expression of the Uncertainty of Measurement in Calibrations" and "Guide to the Expression of Uncertainty in Measurement (GUM)". The values of assigned presents within the range of values with probability of 95%.

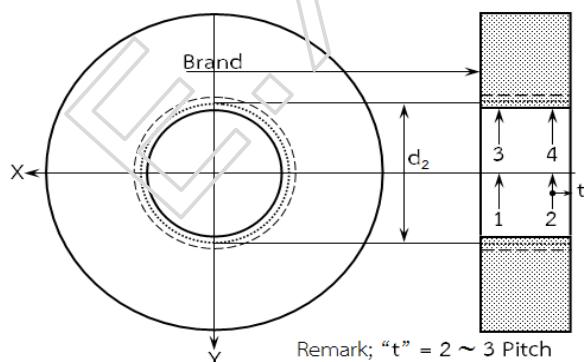
Measurement uncertainty

;

 $\pm$

mm

Measurement



Basic pitch diameter (d_2)		
Pitch diameter	;	- mm
Upper limit	;	- mm
Lower limit	;	- mm

Measurement data (unit: mm)				
Axis	X		Y	
Position	1	2	3	4
Values	-	-	-	-

End certificate