

CERTIFICATE OF CALIBRATION

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PAGE 1 OF 1
APPROVED SIGNATORY
D J EARL
M EARL

CUSTOMER XYZ Company Ltd Wigan WN2 3PA
DESCRIPTION 0-1" External Micrometer Manufactured by Moore & Wright
IDENTIFICATION 2

REPORT The Instrument was calibrated with reference to B.S.870 : 1950
The micrometer was calibrated using gauge blocks and optical parallels.
No adjustments made:
Results marked *outside B.S Tolerance
Temperature 20° C ± 2° C

RESULTS Units inches

<u>Nominal Size</u>	<u>Deviation From Nominal</u>	<u>B.S Tolerance</u>
0.000	0	0.0001"
0.130	0	
0.250	-0.0001	
0.385	0	
0.500	0	
0.615	-0.0001	
0.750	0	
0.870	0	
1.000	0	

Flatness (Spindle)	0.00005	0.00005"
(Anvil)	0.00005	
Parallelsim	0.00020*	0.0002"

Uncertainty of Measurement ± 0.0001"

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95% The uncertainty evaluation has been carried out in accordance with UKAS requirements
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