

Bearing Blocks for 2" Cube Calibration Worksheet

Equipment ID: _____ Date: _____
 Manufacturer: _____ Performed By: _____
 Model #: _____ Last Calibration: _____
 Serial #: _____ Next Calibration Due: _____
 Storage Location: _____

Calibration Item: Verify critical dimensions and planeness

Calibration Procedure: In-House Procedure for Verifying Bearing Blocks for 2" Cubes

Calibration Equipment: Ruler or caliper readable to 0.001 in. (0.01 mm) or better

Device ID: _____

Straight Edge

Straight-edge ID: _____

Square

Square ID: _____

Feeler gauge 0.001 in. (0.025 mm)

	Measurement 1	Measurement 2	Pass / Fail	
Upper bearing block diameter / diagonal			<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
Lower bearing block diameter / diagonal			<input type="checkbox"/> Pass	<input type="checkbox"/> Fail

Tolerance	Option 1: Upper block 2.83 – 2.9" Lower block > 2.83"	Option 2: Lower block 2.83 – 2.9" Upper block 2.83 – 3-1/8"	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
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Are sides plane?				Tolerance	Pass / Fail	
Upper block	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	≤0.001 in. (0.025 mm)	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail
Lower block	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Pass	<input type="checkbox"/> Fail

Pass / Fail _____

Initial By _____