

## GROOVING TOOL VERIFICATION PROCEDURE #9

Revised April 24, 2002

Equipment Checked: GROOVING TOOL (AASHTO T 89) (ASTM D 4318) (Central Lab)

### Purpose:

This method provides instructions for checking the dimensions of the grooving tool.

### Inspection Equipment Required:

1. Caliper readable to .01 mm.
2. Ruler readable to 1 mm.

### Tolerance:

Thickness	= 10.0 mm	0.1 mm
Cutting Edge	= 2.0 mm	0.1 mm
Width	= 13.5 mm	0.1 mm
Gauge Depth	= 10.0 mm	0.2 mm

### Procedure:

1. Measure the thickness, cutting edge, and the width of the grooving tool.
2. Measure the gauge depth.

## EQUIPMENT CALIBRATION RECORD

### Calibration Procedure No. 9 Grooving Tool (AASHTO T 89)

Date:	Calibrated by:
Previous Calibration Date:	Next Due:
Frequency: 12 months	
Action Recommended:	
Repair_____ Replace_____ None_____ Other	
<b>Calibration Equipment</b>	<b>Serial Number</b>
Calipers, readable to 1 mm	
Metric ruler readable to 1 mm	

<b>Grooving Tool I.D.</b>						
<b>Gage End</b> 10 ± .2 mm						
<b>Cutting edge</b> 2.0 ± .1 mm						
<b>Width</b> 13.5 ± .1 mm						
<b>Depth of Groove</b> 10.0 ± .2 mm						