

Northfield

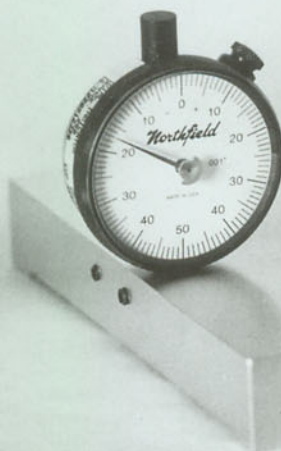
Dial Type Knife Setting Gauge
Dial Type Roll Setting Gauge

For Any Make Jointer, Surfacer or Facer Planer

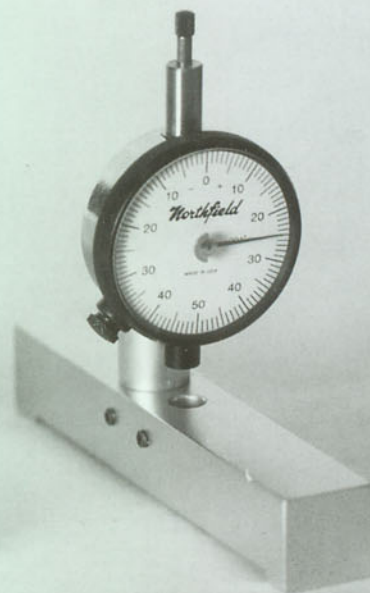
Knife Setting
Gauge



Roll Setting Gauge
Set for Lower Rollers



Roll Setting Gauge
Set for Upper Rollers



**Standard set includes one dial indicator with 1/4" travel,
knife setting crow foot and roll setting base.**


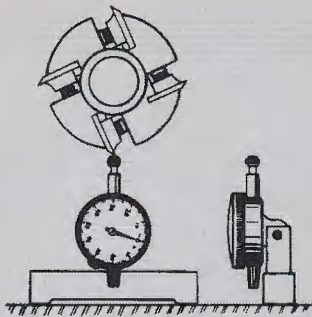
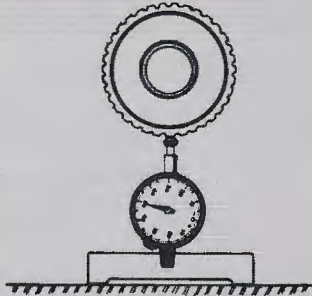
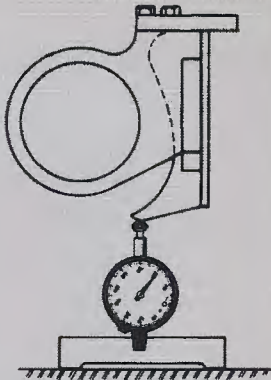
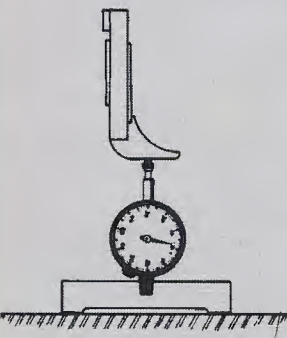
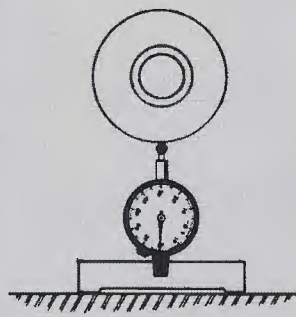
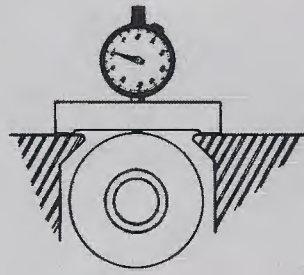
*Easiest and most accurate method for setting and checking:

- cutterhead knife projections
- upper feed rolls
- sectional chip breakers
- sectional feed rolls
- lower feed rolls
- pressure bars
- cutterhead to bed alignments

**No surfacer, jointer or facer planer can operate properly if these settings are inaccurate.*

PROFIT THROUGH AMERICAN TECHNOLOGY
 **WOOD MACHINERY
MANUFACTURERS
OF AMERICA**
MEMBER

Typical Uses of the Northfield Dial Type Knife and Roll Setting Gauges

<p style="text-align: center;">①</p>  <p style="text-align: center;"><u>KNIFE ADJUSTMENT</u></p> <p>ADJUST KNIVES TO A COMMON HEIGHT ALONG THE AXIS OF THE CUTTER HEAD. MEASURE KNIVES AT FOUR PLACES, (BY EACH KNIFE RAISING HOLE).</p>	<p style="text-align: center;">②</p>  <p style="text-align: center;"><u>CUTTER HEAD</u></p> <p>DIAL SETTING: .000</p>	<p style="text-align: center;">③</p>  <p style="text-align: center;"><u>SECTIONAL INFEED ROLL</u></p> <p>ADJUST ROLL .080 BELOW KNIVES</p>	<p style="text-align: center;">④</p>  <p style="text-align: center;"><u>CHIP BREAKER</u></p> <p>ADJUST BREAKER .020 ABOVE KNIVES</p>																
<p style="text-align: center;">⑤</p>  <p style="text-align: center;"><u>PRESSURE BAR</u></p> <p>ADJUST BAR .002 ABOVE KNIVES</p>	<p style="text-align: center;">⑥</p>  <p style="text-align: center;"><u>TOP OUTFEED ROLLER</u></p> <p>ADJUST ROLLER .020 BELOW KNIVES</p>	<p style="text-align: center;">⑦</p> <p>POSITION ADJUSTING HANDLE IN "DOWN" POSITION BEFORE MAKING INDIVIDUAL ROLLER ADJUSTMENTS.</p>  <p style="text-align: center;"><u>BOTTOM ROLLER</u></p> <p>ADJUST ROLLER .001 ABOVE TABLE</p>	<p style="text-align: right;">NORTHFIELD FOUNDRY AND MACHINE CO. P. O. BOX 140 NORTHFIELD MINN 55057</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <td style="font-size: small;">TOLERANCES (UNLESS SHOWN OTHERWISE)</td> <td style="text-align: center;">NORTHFIELD FOUNDRY & MACHINE CO.</td> </tr> <tr> <td>GENERAL</td> <td>NO. 7</td> </tr> <tr> <td>SCALE</td> <td>1/2" = 1"</td> </tr> <tr> <td>DESIGNED BY</td> <td>BPT</td> </tr> <tr> <td>APPROVED BY</td> <td></td> </tr> <tr> <td colspan="2" style="text-align: center;">ADJUSTMENT INSTRUCTIONS</td> </tr> <tr> <td>DATE</td> <td>7-17-72</td> </tr> <tr> <td>DRAWING NUMBER</td> <td>25-670</td> </tr> </table>	TOLERANCES (UNLESS SHOWN OTHERWISE)	NORTHFIELD FOUNDRY & MACHINE CO.	GENERAL	NO. 7	SCALE	1/2" = 1"	DESIGNED BY	BPT	APPROVED BY		ADJUSTMENT INSTRUCTIONS		DATE	7-17-72	DRAWING NUMBER	25-670
TOLERANCES (UNLESS SHOWN OTHERWISE)	NORTHFIELD FOUNDRY & MACHINE CO.																		
GENERAL	NO. 7																		
SCALE	1/2" = 1"																		
DESIGNED BY	BPT																		
APPROVED BY																			
ADJUSTMENT INSTRUCTIONS																			
DATE	7-17-72																		
DRAWING NUMBER	25-670																		

Indicators have large radius plunger tips to eliminate false readings.

Relieved base on roll setting gauge allows setting upper rollers without dropping lower rollers below table level.

Northfield

MACHINERY BUILDERS, INC.

320 Water Street North
P.O. Box 140
Northfield, MN 55057

Phone: (507) 645-5641
Fax: (507) 645-4005

