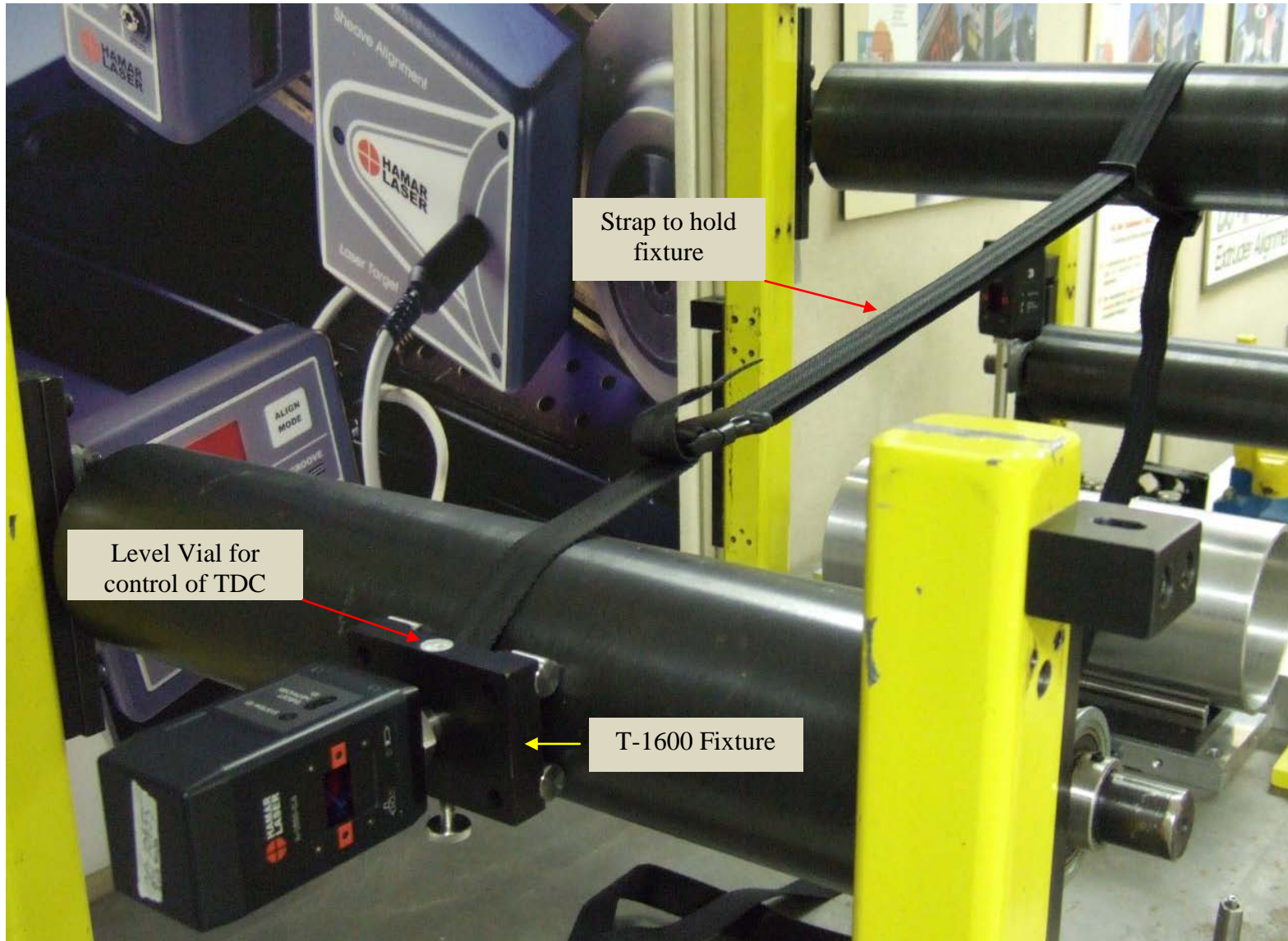


T-1600 Non Magnetic Roll Fixture



T-1600 Non Magnetic Roll Fixture with T-1601 Tight Space Bar

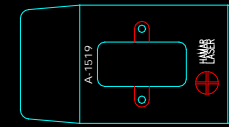
Note: To take roll alignment readings with 2 targets, you must zero both targets at a point closest to the laser and then for each measurement, you must average the 2 target readings. This makes the readings very insensitive to the T-1600 being on Top Dead Center (TDC) or not. The level vial helps keep the T-1600 at TDC when used without the T-1601.



Development No.:

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
-----	-------------	------	----------



T-1601 EXTENSION BAR

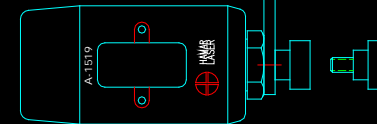
SLIDE CLIP TO ADJUST FIXTURE FOR LEVEL


SUPPORT ROLL

ROLL TO ALIGN

A-1519 TARGET

5.36 MIN



<p>Mfg. per HLI Spec. 9201 Unless otherwise specified dimensions are in inches</p> <p>Decimal: .XX ±.01 .XXX ±.005 .XXXX ±.0005</p> <p>Angular: ±1/2° Fraction: ±1/64</p>	<p>B CONFIDENTIAL: This Drawing, Design and/or Specifications are the property of Hamar Laser Instruments Inc. It shall not be discussed, disseminated or copied by any means, without the written consent of Hamar Laser Instruments Inc.</p>	<p>Title: T-1600 ALIGNMENT FIXTURE</p>	
		<p>File Path: Hal9000 R&D\Cad Dwg\A1519</p>	
	<p>Third Angle Projection</p>	<p>Drawn: FJE</p>	<p>Date: 10/24/04</p>
		<p>Checked: CA</p>	<p>Date: 12/15/04</p>
<p>Material:</p>	<p>Finish:</p>	<p>Model:</p>	<p>Ass'y:</p>
<p>Scale: 1/2</p>	<p>Sheet: 1 of 1</p>	<p>Dwg No: ES-SPECS-151950</p>	<p>Rev: -</p>