



TRI TOOL INC.

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TRI TOOL INC.
TECHNICAL SPECIFICATION
MODEL 208B BEVELMASTER® MM (MITER MANDREL) KIT
AUGUST 2010

Model 208B BEVELMASTER® MM (Miter Mandrel) Kit

The Model 208B BEVELMASTER® MM is an accessory kit that is used to expand the versatility of the Model 208B BEVELMASTER® by allowing in-situ setup on irregular pipe, fittings, elbows and valves. The Model 208B Miter Mandrel has the capability of 5° angular offset and .19" (4.8 mm) parallel offset adjustment in any direction.

The Model 208B Miter Mandrel Kit comes complete with:

▪ Mandrel Assembly	1 ea.
▪ Jackscrew Sets	5 ea.
▪ Jam Nuts	4 ea.
▪ Spacers	2 ea.
▪ Dial Indicator Kit	1 ea.
▪ Carrying Case	1 ea.
▪ Operator's Manual	1 ea.
▪ All required operator's wrenches	1 set

Design and Operating Features

1. The miter mandrel assembly can be set up in the bore before the 208B BEVELMASTER® is installed onto the mandrel shaft.
2. The miter mandrel assembly has interchangeable jackscrews to allow configuring mandrel sub-assemblies for different inside diameter mounting ranges.
3. All angular and parallel offset adjustments are mechanically actuated.
4. The dial indicator kit is provided for fast precision setup and alignment of the miter mandrel assembly.

Specifications

1. Reference Envelope Drawing No.: 77-1713

2. Cutting Capacities

A. Basic pipe sizes

i. 4" - Schedule 40 and schedule 80

ii. 5" through 8" pipe - All schedules*

*Not recommended for schedule 10 and lighter pipe.

B. Inside diameter mounting range

i. 3.82" (97.0 mm) through 8.430" (214.1 mm)

3. Mounting

A. Four (4) jackscrews provide a rigid, secure mount on irregular surfaces.

B. Jackscrews are actuated individually for centering in elbows.

4. Material

A. Hardened jackscrew swivels.

5. Adjustments

A. Mechanical Angular offset adjustment up to 5° maximum in any direction, after the miter mandrel is secured to the workpiece.

B. Mechanical parallel offset adjustments up to .19" (4.8 mm) in any direction, after the miter mandrel is secured to the workpiece.

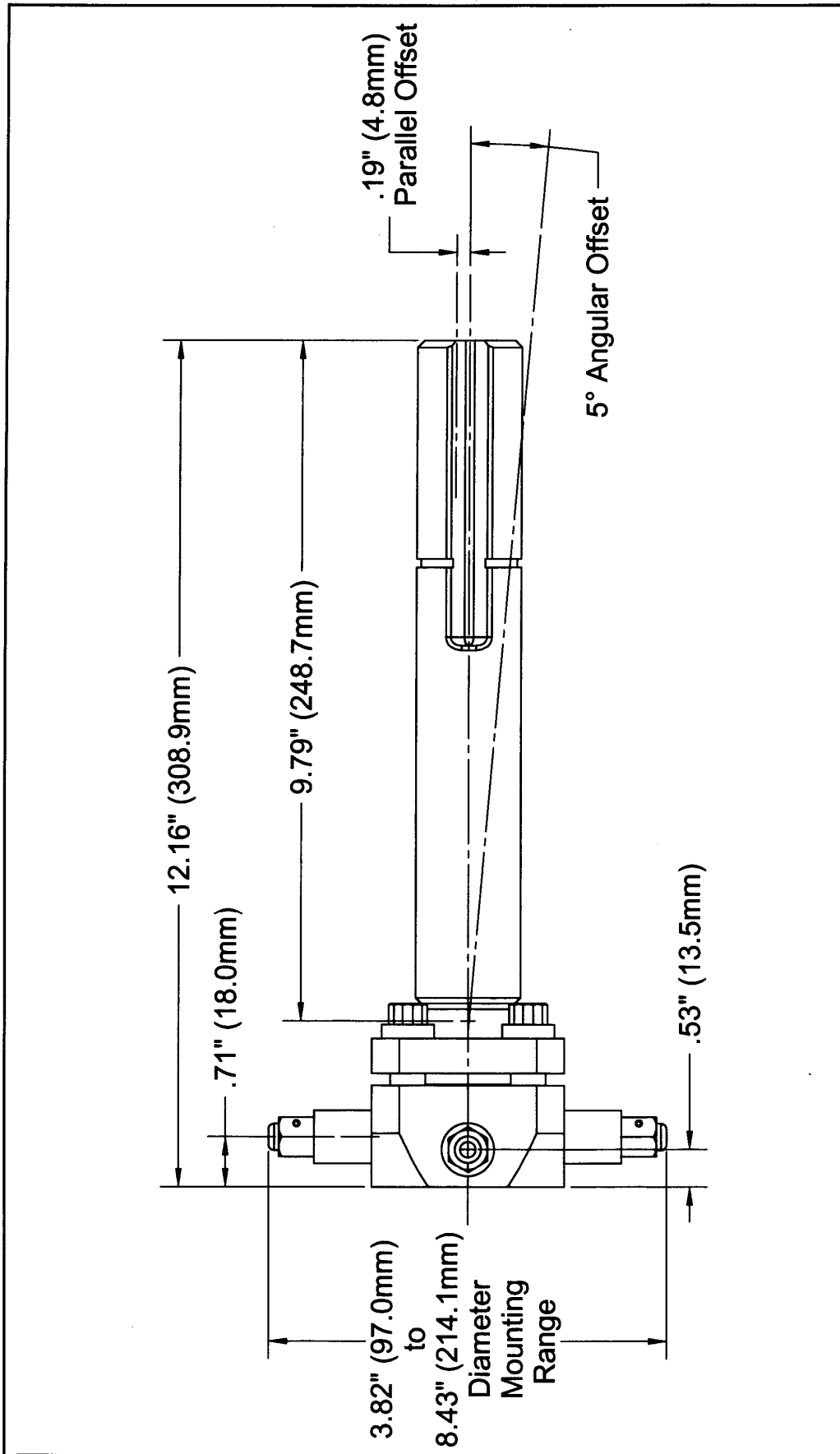
Note To The Customer


Spare Parts and Standard Tool Bits are available from stock. Engineering design services for custom tool bits and special function modifications are available from the factory.

All Tri Tool Inc. and allied equipment products are subject to design improvements and specification changes at any time with no obligation to units already sold.

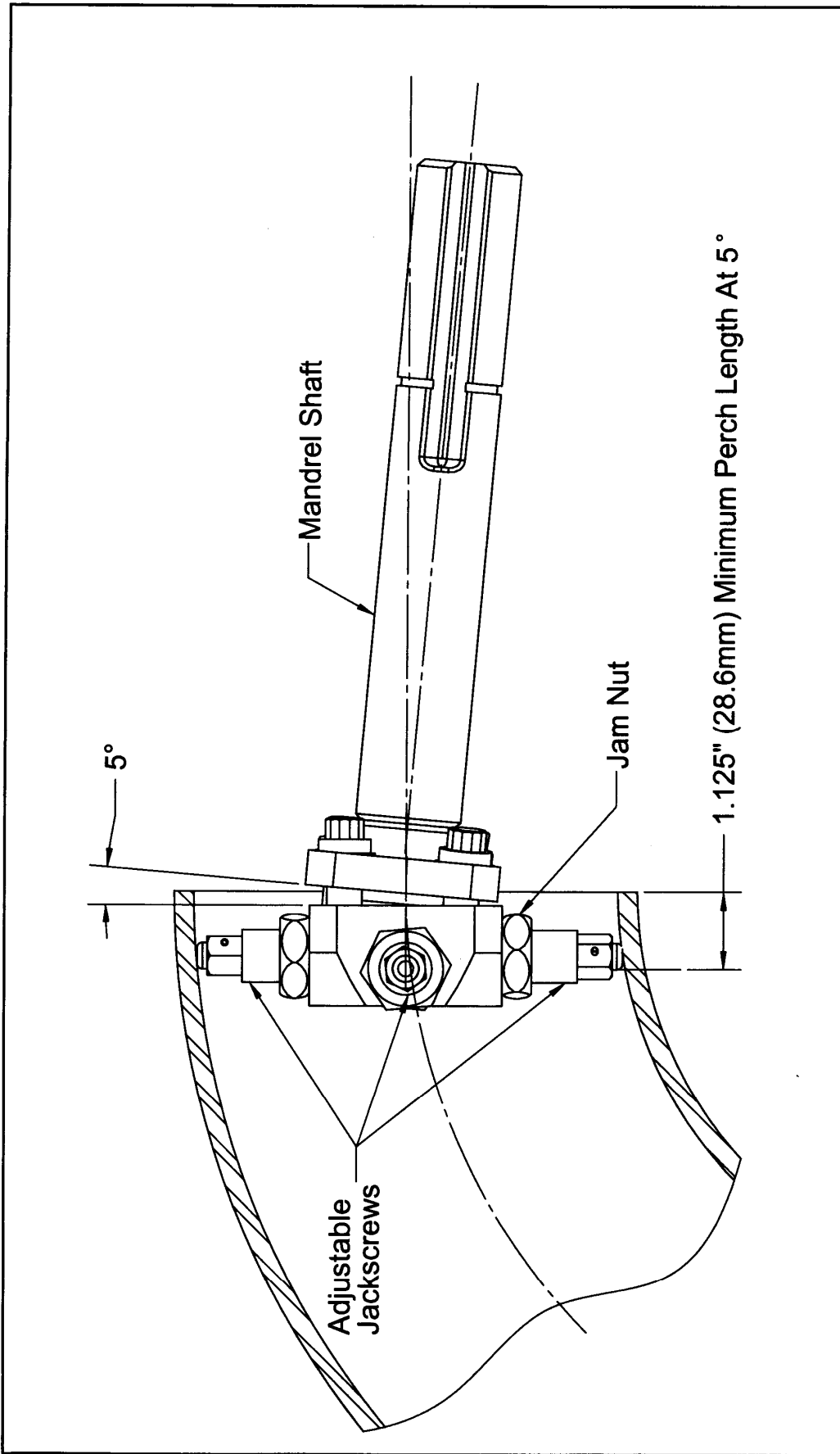
Warranty (limited): Parts and equipment are warranted against defects in material and workmanship for a period of one (1) year from date of purchase. Full details supplied on request and/or with the tools.

Filter, regulator and lubricator are required to protect the warranty on air powered tools.



 TRI TOOL INC 3041 SUNRISE BLVD., RANCHO CORDOVA, CA 95742		ENVELOPE DRAWING	
		MODEL 208B MITER MANDREL	
CONTRACT NO.	ER-8259	APPROVALS	DATE
DRAWN	J. GEISZLER	CHECKED	7/14/10
ISSUED		SCALE	NONE
SIZE	A	SOLID WORKS DWG. NO.	77-1713
REV.		SCALE	NONE
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