



TRI TOOL INC.

TRI TOOL INTERNATIONAL INC.

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TRI TOOL INC. TECHNICAL SPECIFICATION MODEL 212B BEVELMASTER™ MITER MANDREL KIT JANUARY, 2001

Model 212B BEVELMASTER™ Miter Mandrel Kit

The Model 212B Miter Mandrel Kit is an optional accessory which is used to expand the versatility of the Model 212B BEVELMASTER™ by allowing in-situ setup on irregular pipe, fittings, elbows and valves. The Model 212B Miter Mandrel has the capability of 5° angular offset and .19" (4.8mm) parallel offset adjustment in any direction.

The Model 212B Miter Mandrel Kit comes complete with:

- A. Mandrel Assembly
- B. Jackscrew Sets
- C. Jam Nuts
- D. Spacer Sets
- E. Dial Indicator Kit
- F. Carrying Case
- G. Operator's Manual
- H. All required operator's wrenches

Design and Operating Features:

1. The miter mandrel assembly can be set up in the bore before the 212B BEVELMASTER™ is installed onto the mandrel shaft.
2. The miter mandrel assembly has interchangeable jackscrews and spacers 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. 77-1243
2. Pipe Holding Capacities:
 - a. Basic pipe sizes:
 - 4" schedule 40 and schedule 80
 - *All schedules of 5" through 12" pipe

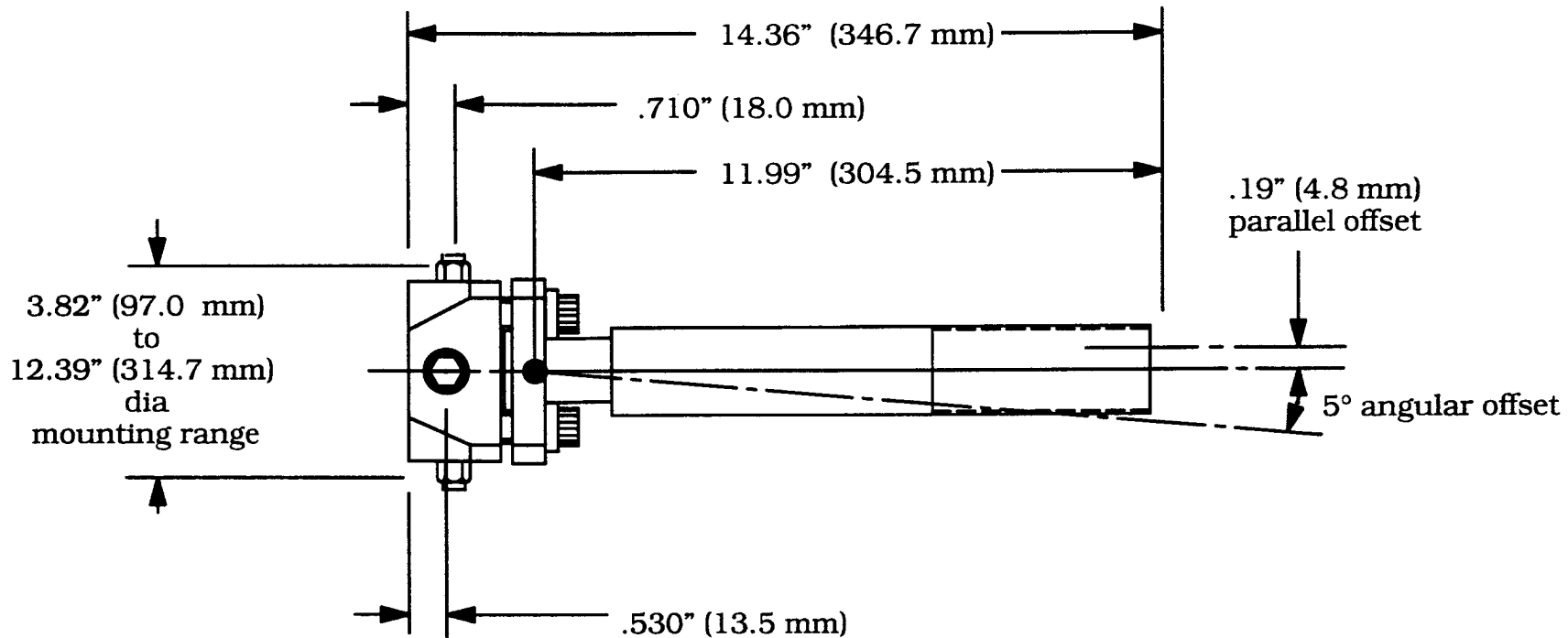
 - *Not recommended for schedule 10 and lighter pipe.
 - b. Inside diameter mounting range: 3.82" (97.0mm) through 12.39" (314.7mm).
3. Mounting:
 - a. Four (4) jackscrews provide a rigid, secure mount on irregular surfaces.
 - b. Jackscrews are actuated individually for centering in elbows.
4. Materials: Hardened steel 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" (4.8mm) in any direction, after the miter mandrel is secured to the workpiece.

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.

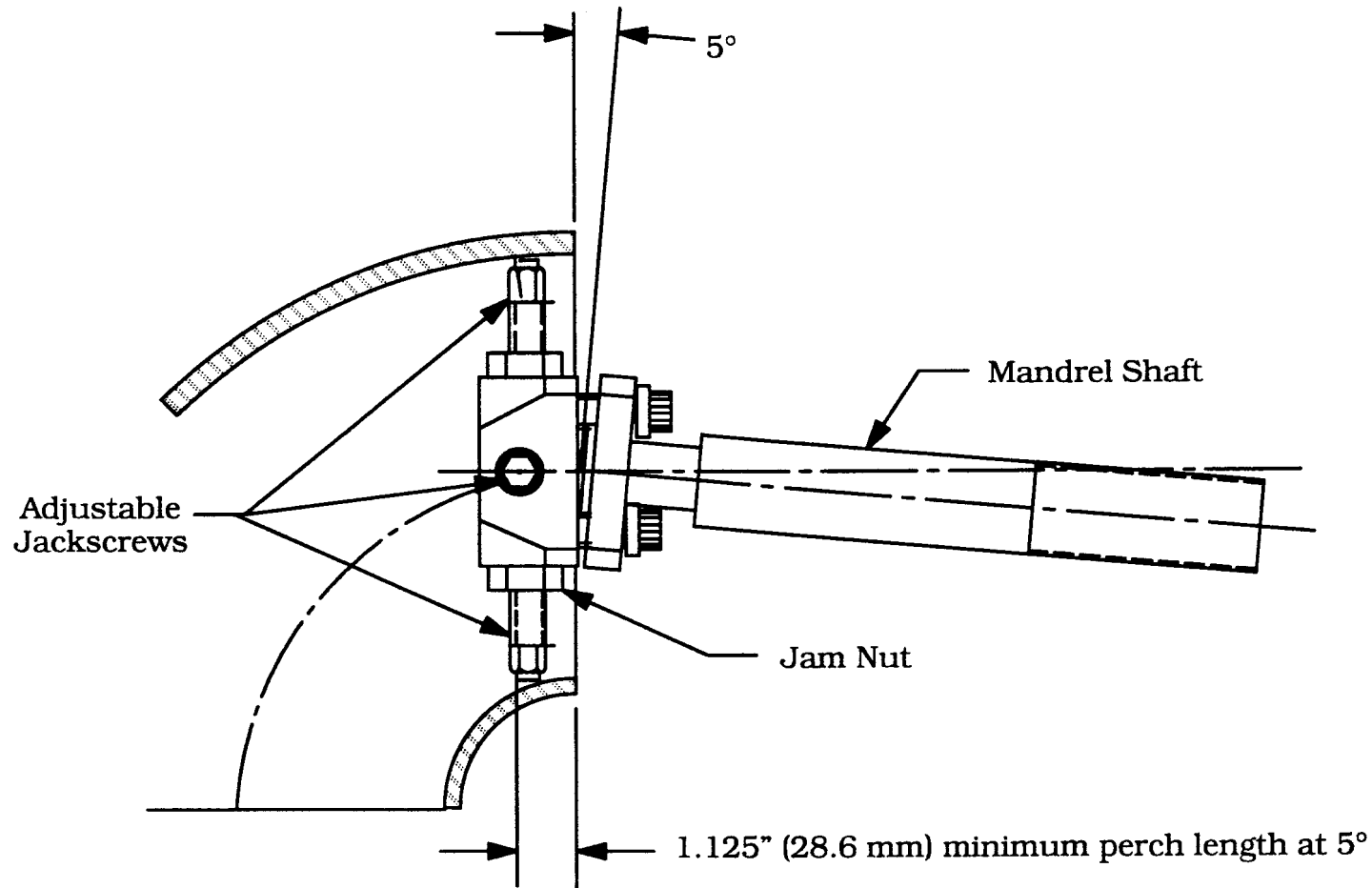
All TRI TOOL Inc. and allied equipment products are subject to design improvements and specification changes at any time with no obligation to units already sold.

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




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CONTRACT NO.		 TRI TOOL INC. <small>3806 SECURITY PARK DRIVE, RANCHO CORDOVA, CA 95742-6990</small>			
APPROVALS	DATE				
DRAWN	PFAFMAN	6/24/93	Envelope Drawing Model 212B-MM Miter Mandrel		
CHECKED					
ISSUED					
DO NOT SCALE DRAWING		SIZE A	FSCM NO.	DWG. NO. 77-1243	REV.
		SCALE None	SHEET 1 of 2		



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