



TRI TOOL INC.

TRI TOOL INTERNATIONAL INC.

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TRI TOOL INC.
TECHNICAL SPECIFICATION
OD TRACKING MODULE (ODTM)
NOVEMBER, 2000

OD TRACKING MODULE

The OD Tracking Module is a mechanical accessory for the Model 616SB through 642SB and 614RBL through 636RBL Clamshells. The OD Tracking Modules mount directly to the Clamshell in lieu of the Standard Tool Modules. The mechanics of the OD Tracking Module enable the cutting of pipe that is up to 1.5" (38.1mm) out of round. A spring loaded Tool Holder forces a tracking wheel against the outside diameter of the pipe, which allows machining of beveled preps consistent with the outside diameter of the pipe.

The OD Tracking Module Kit comes complete with:

- | | | |
|----|--|-------|
| a. | OD Tracking Module | 2 ea. |
| b. | Tripper Bracket Assembly | 1 ea. |
| c. | Adapter Kit to mount to SB or RBL Clamshells | 1 kt. |
| d. | Operator's Manual | 1 ea. |
| e. | All required operator's wrenches | 1 kt. |

Design and Operating Features:

1. Adapter Kits are available for mounting the ODTM to either the 600SB's or 600RBL's.
2. ODTM can be mounted onto the clamshell in lieu of the standard tool modules.
3. Tripper Bracket Assemblies are available for 616SB, 620SB through 642SB, and 614RBL through 636RBL.
4. Mounting holes in the ODTM and Adapter plates allow easy radial adjustment of the ODTM to cover the full cutting range of the specific Clamshell.
5. A 1" (25.4mm) tracking wheel extension is provided to reach small diameter out of round pipes.
6. The ODTM's use standard Clamshell Tool Bits.

Specifications:

1. Range: See 600SB or RBL Manual for specific Clamshell.
2. Max Out of Round conditions: 1.5" (0.10mm)
3. Feed rate: .004" (0.10mm) per revolution
4. Travel per side 2.50" (63.5mm)
5. Materials that may be machined:
 - a. Mild steels, Chrome steels, (Rc 35 max), stainless steel, copper-nickel and aluminum.
 - b. Inconel and some other high temperature alloys may require special procedures as a function of wall thickness and type of end preparation. Contact Tri Tool's Engineering Department for details.
6. Clearance and dimensions: See attached envelope drawing No. 77-1594.

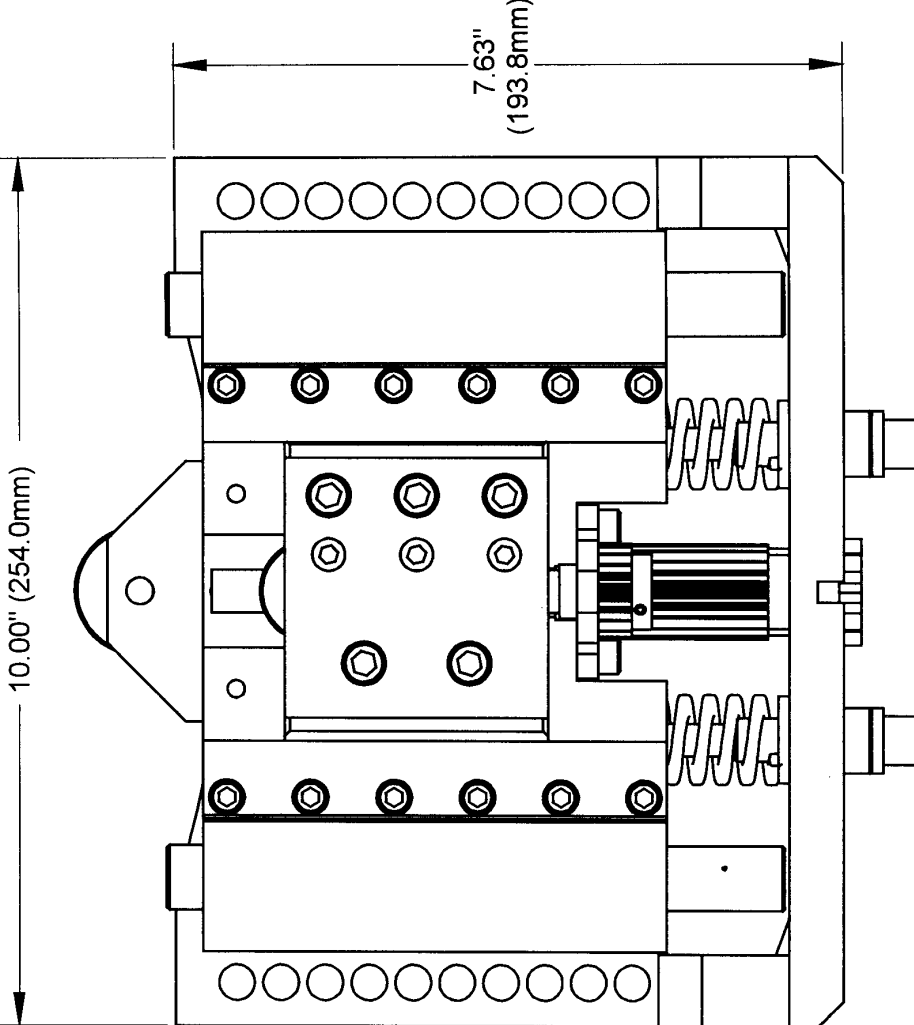
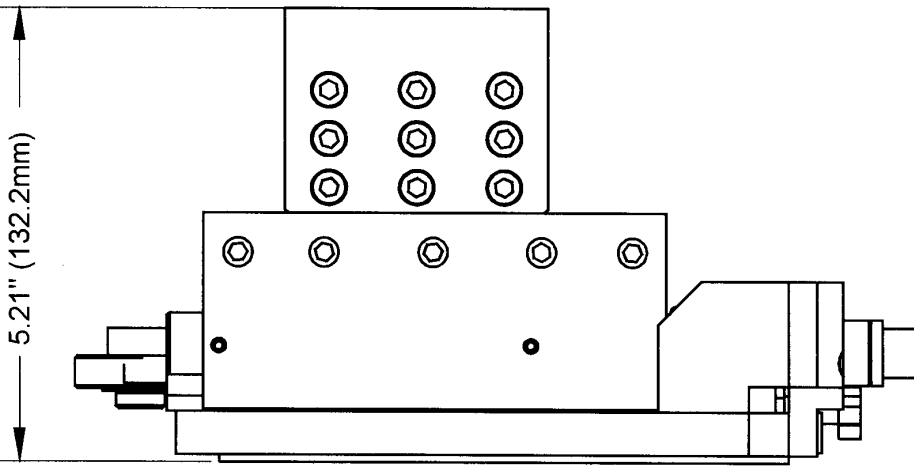
Spare parts and standard tool bits are available from stock.

Engineering design services for custom tool bits and special function modifications are available from the factory.

All Tri Tool 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.

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



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CONTRACT NO. ER8139	
APPROVALS	DATE
DRAWN R MORGAN	11/14/97
CHECKED	
ISSUED	

 TRI TOOL INC 3806 SECURITY PARK DRIVE, RANCHO CORDOVA, CA 95742		ENVELOPE DRAWING	
		OD TRACKING MODULE	
SIZE A	SOLID WORKS AVAILABLE	DWG. NO. 77-1594	REV.
SCALE 1 / 2	CAD MODEL	08-0436.SLDASM	SHEET 1 OF 1