



B & A MANUFACTURING COMPANY

THE LEADING DRILL BIT CHOICE AMONG MAT MAKERS

**CRANE MATS
DRAGLINE MATS
PIPELINE MATS
LAMINATED MATS
LOGGING MATS
BRIDGE TIMBER MATS
PALLET MATS**



WOOD MAT DRILLS

COUNTERBORES

CUSTOM SHANKS

▼ For as little as
3¢ per hole
or **53¢** per mat



PROVIDING MORE HOLES PER BIT • GREATER MAT PRODUCTION PER DAY • SIGNIFICANTLY REDUCING YOUR MAT COST

MAT DRILLS

WOOD BORING

ELIMINATORS, PENETRATORS, & COUNTERBORES

WHY HAS B&A BECOME THE LEADING DRILL BIT CHOICE OF MATMAKERS?

- ✓ Over 60 years as a leading source of carbide tipped drill bits.
- ✓ Custom design, production and marketing at competitive prices.
- ✓ Made in USA.
- ✓ Highest quality wood boring bits up to 1-1/2" diameters & 96" lengths.
- ✓ Counter boring bits sized to your exact specifications.
- ✓ Bit sharpening, re-tipping and repair program for drills and counterbores.
- ✓ All drills are designed with replaceable carbide and lead screws.
- ✓ Technical assistance for cost effective solutions.
- ✓ For as little as 3c per hole or 53c per mat.

ELIMINATORS



The Eliminator was designed to bore holes in any type of wood quickly and easily and maintain its sharpened carbide cutting tip longer than any other bit in the market today. The Eliminator produces an extremely smooth hole leaving little or no residue. For true economy, the Eliminator can be sharpened or completely rebuilt at a fraction of the cost of a new bit.

PENETRATORS



Milled from a solid bar of the highest grade steel, the Penetrator will drill faster than ordinary steel auger bits. The Penetrator was designed for use with high torque load and high RPM levels generated by the most powerful impact wrenches and drill motors. It will also function well in heavy duty electric, pneumatic and gas powered drills.

COUNTERBORES

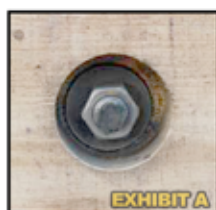


EXHIBIT A

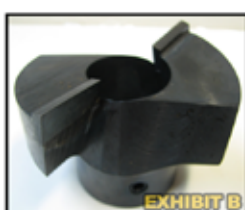


EXHIBIT B



EXHIBIT C



EXHIBIT D

When a bolt or cap head screw is required to sit flush with or below the level of a workpiece's surface a counterbore is usually used to provide such a hole. Counterbores are available in multiple configurations and diameters (2", 2-1/2", 3", 4", etc.) to be used in tandem with the Eliminator or Penetrator drill. By fitting the counterbore over the shaft of the Eliminator or Penetrator the operator saves time and labor costs. The counterbore can be manufactured as a stand-alone boring tool if required, to your specifications.



EXHIBIT E

Both the Eliminator and Penetrator are available with multiple lead screw configurations to customize the bits precisely to your application or feed system (manual or power)... i.e. brad point, standard lead screw, L. Screw, etc. The lead screw, shank and carbide tip are replaceable on the Eliminator and Penetrator series drills allowing them to be completely rebuilt thus producing incredibly low overall operating costs.

For more Smoother Holes, No Residue in Soft to Medium Hard

The Eliminator Series (ER) has (1) carbide cutting tip.



For more powerfull drills, Harder woods and longer lengths

The Penetrator Series (PN) has (2) carbide cutting tips.



ELIMINATOR STYLE COUNTERBORE



PENETRATOR STYLE COUNTERBORE





Available Diameters, Lengths, Lead Screws and Shank Options.

DIAMETERS	LEAD SCREW OPTIONS	SHANK STYLE OPTIONS
1"	 Brad Point	B & A offers multiple configurations to meet your equipment and job requirements.
1 1/16"	 Super Screw	
1 1/8"	LENGTHS 12" - 95 15/16"	 Hex Shank
1 3/16"		 Round Shank
1 1/4"		 Quick Change
1 3/8"		
1 1/2"		

ALL CARBIDE BITS ARE REPAIRABLE AND REFURBISHABLE.



B & A MANUFACTURING COMPANY

3665 EAST INDUSTRIAL WAY
 RIVIERA BEACH, FL 33404
 TEL: (561) 848-8648
 FAX: (561) 848-8621
 TOLL FREE: (800) 327-8611
 EMAIL: drills@bamanufacturing.com
 WEB: www.bamanufacturing.com