

Basic End-drive portable boring bar system—MODEL 150

Available with manual or automatic feed. Cut bores 1.6" to 5.5"



150
Boring bar
w/o mag drill

STANDARD COMPONENTS:

PACKAGE PRICE: \$3295.00

- **1.50" dia x 54" long Boring Bar** - made from highest quality *chrome hardened and precision ground* 100,000 PSI tensile strength alloy steel, resists burrs and scoring to still fit the bearings use after use. Cutting Bit mounting holes are spaced 5 inches apart. 3/4 diameter shank with 3 flats for solid gripping by your mag drill chuck.
- **3 Bolt-on Bearing Plates and 4 pairs of Standoffs** - 3/4 inch thick for easy weld on and vibration free machining. Easy to unbolt for measuring. Black oxide coated to prevent rust.
- **2 Centering Sleeves** - for concentric alignment of the boring bar and bearings in small holes.
- **7 Carbide Cutting Tools** - 3 types of boring and 1 facing. Held in the boring shaft by heavy set screws. Modifiable shank long enough to re bore 5.5" diameter.
- **1 Manual Inside Caliper** - Prongs measure around boring shaft inside bores up to 8"
- **3 bolt-on self-aligning Bearings** - the I.D. of the bearings have a perfect fit between bar and bearings, which insures holes can be bored to near zero TIR runout.
- **1 Drill Base Adapter with built-in bearing** - Important safety device to hold mag drill in case of power failure. Also designed to mount the BOA-408i-S1 or BOA-M1 bore welder.
- **2 Centering Cones** - for quick concentric alignment of the boring bar and bearings in larger holes.
- **1 Digital Electronic Caliper** - Measures 0" to 8" with digital readout to .001"
- **1 Solid Wood Carrying Case** - Padlockable, with 2 handles, and dolly wheels.

Optional Milwaukee Portable Magnetic Drill Press with chuck: \$1895. (see below)

Variable speed, 11" stroke. You need this if you do not already have a mag drill with 3/4" chuck.

Optional Adaptor to bore up to 8 inches diameter (with 8" cones & plates): **\$795. extra**

Optional BOA-408 Bore Welder Attachment: \$6960. extra (or BOA-M1 borewelder: \$4895. extra)

Optional 18" long short bar for easier single hole boring: \$500. extra

Optional 36" long short bar for easy close hole boring: \$795. extra

Optional 72" long boring shaft instead of 55" long: \$695. extra

Optional Q88A 7/8" x 29" Boring Bar Kit for use with Q150 equipment - bores holes from 1" to 1.5" diameter up to 16" apart: **\$1250.**

Optional Tools for Cutting Retaining Ring Grooves, choose 4" to 8" dia: \$495. each

Optional Adjustable centering/measuring tools: \$125. each - these mount inside boring bar

Optional Dial Indicator Bore Gage (measures 2"- 6" within .001"): **\$119. extra** (see below)

Extra Cutting Tools: \$45 each



CE approved ✓

Pat. 6,137,076 Pat. 6,448,531 Pat. 6,737,608
Pat. 6,284,995 Pat. 6,486,438

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