

Drill Sharpening

Richie Saporetti, Greenfield Tool

Steve Cushman

Errol Groff

Bob Neidorff

Agenda

- Drill bits and Drilling
 - Richie Saporetti
 - Greenfield Tool (Cleveland Twist Drill)
- Different Drill Sharpeners
 - Steve Cushman
 - Errol Groff
 - Bob Neidorff
- Questions
- Demonstrations

Black Diamond



- May be out of production
- Seen for \$200-\$1200 used on ebay
- Various Models
- Popular with production shops

Black & Decker



- Seen for \$20 on ebay
- May be out of production

Brierley



- Made in UK
- Seen for \$200 used on ebay
- Four New Models

Chicago Electric 36585



- Imported
- \$30 from Harbor Freight

<http://www.harborfreight.com>

Darex V390 and XT3000



- Ashland, OR
- Older models \$150-\$1000 used on ebay
- \$1000-\$3000 new
- Popular with production shops

<http://www.darex.com>

Drill Doctor 400 and 750



- Ashland, OR
- \$35-\$130 new
- Designed by Darex



<http://www.drilldoctor.com>

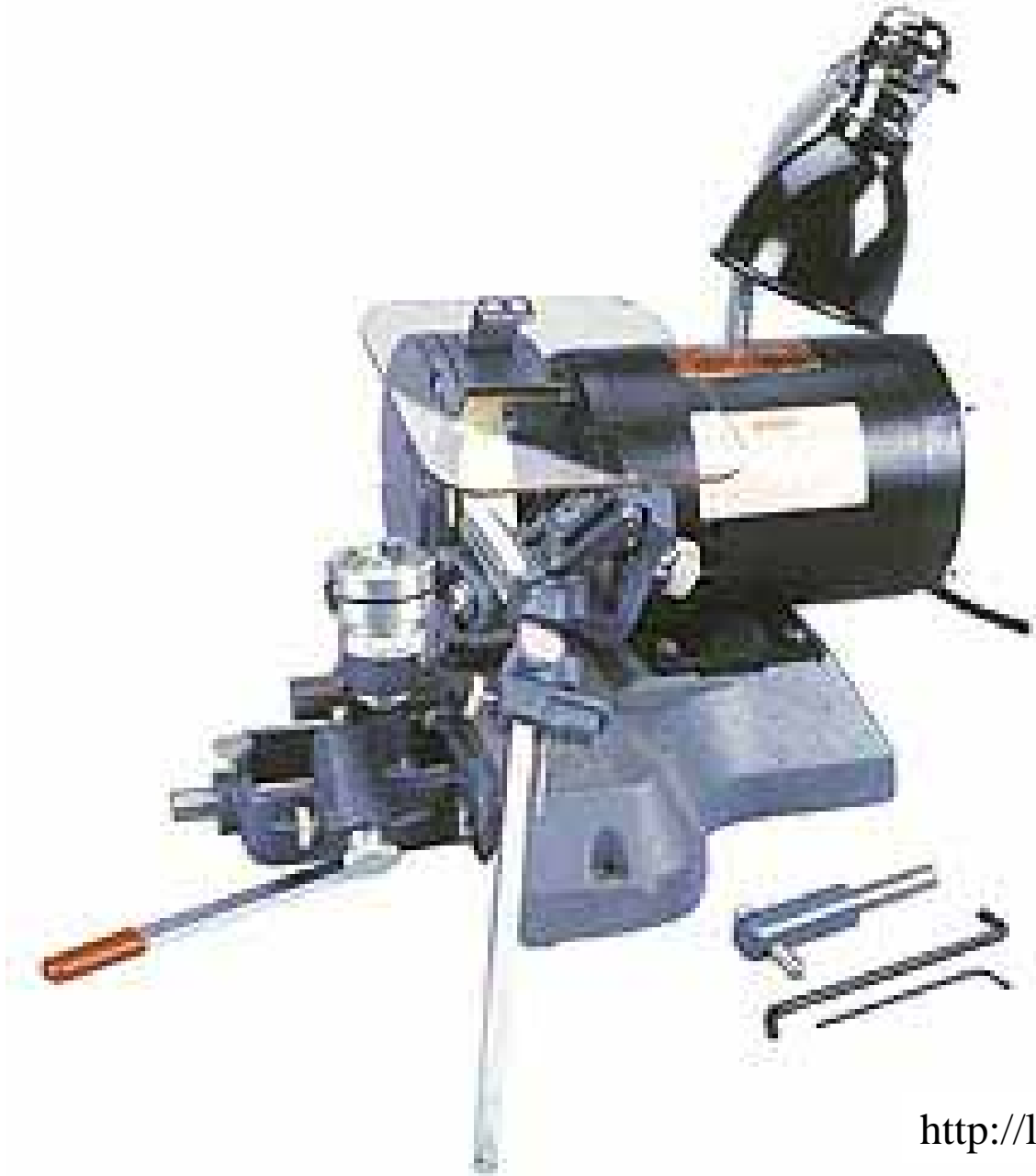
General 825



- New York City, NY
- \$25 new
- Various similar tools available
- Works with your bench grinder

<http://www.generaltools.com/product.asp?action=prdupc&part=825>

Lisle 91000



- \$700 new

Optima



- Switzerland
- Seen for \$4000 used on ebay

Plasplugs



- UK Brand
- Seen for \$5 on ebay

<http://www.plasplugs.com/sharpening.html>

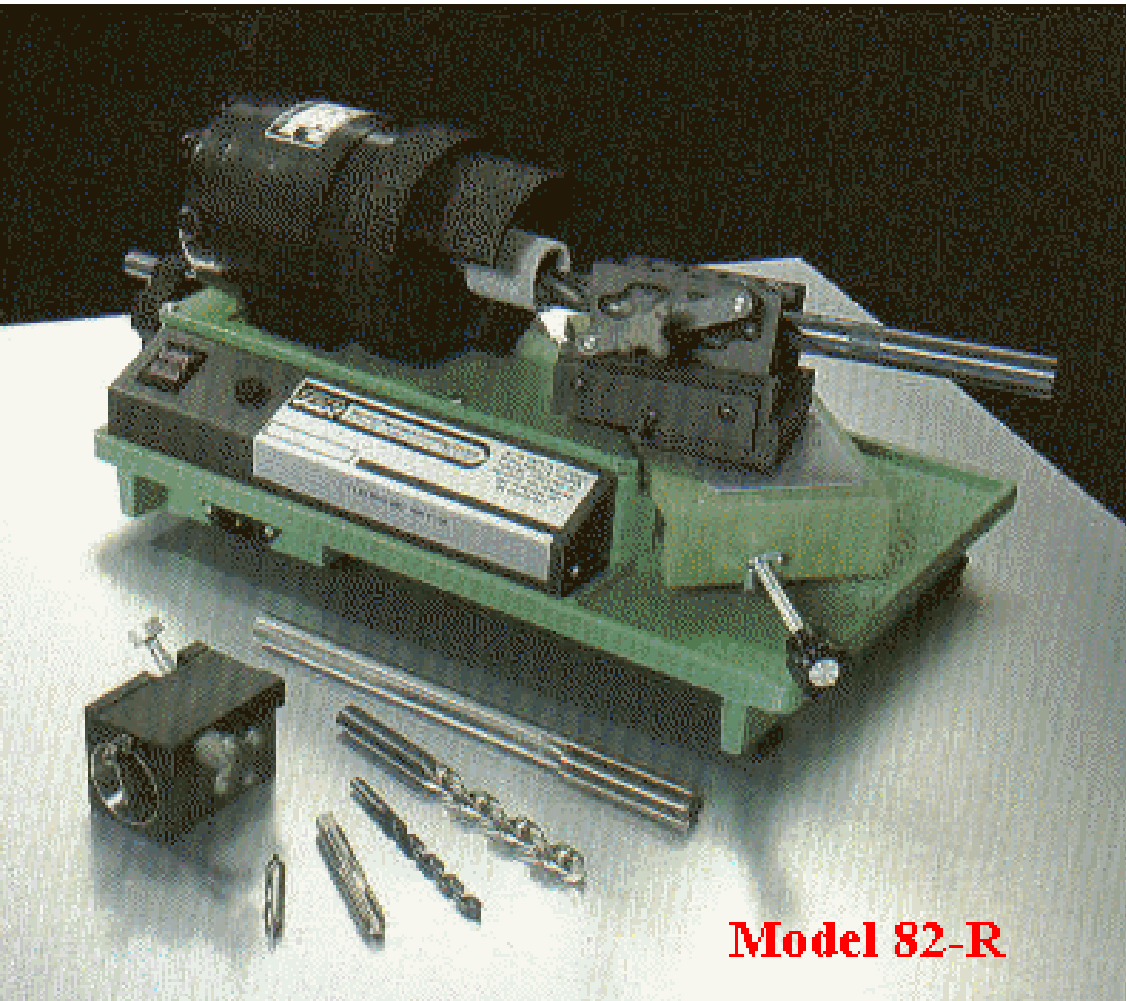
Sterling / McDonough



- Eau Claire, WI
- Seen for \$900 used on ebay

<http://www.mcdonough-mfg.com/drillGrinders.html>

TDR/SRD



- Port Byron, NY
- 80-S for tiny drills
- 82-B for drills to 1½”

<http://www.tdrsdrillgrinders.com>

Economics of Drilling

- Imported 115 pc set as low as \$28
- Imported 29 pc set as low as \$10
- Domestic 115 pc set as low as \$80
- Domestic 29 pc set as low as \$30
- Individual US drills $<3/16$ " under \$1
- How can you justify \$100 or more for a sharpener?

Decision Time

- Buy a high end sharpener?
- Buy a lower priced model?
- Buy a grinder and sharpen by hand?
- Buy lots of drill bits?