

DAREX

V391 Precision Drill Sharpener *Economy with simplicity of operation.*

The V391 Drill Sharpener is ideal for shops where drill bits need to be sharpened easily and inexpensively. The V391 sharpens drill sizes from 3 - 19mm and a variety of point angles from 118 to 140 degrees. It also features a point splitting facility that vastly improves performance in cobalt and thick webbed drill points. The consistency of point style makes the V391 ideal for facilities where people of varying skill levels are to operate the sharpener. Features a Borazon grinding wheel to sharpen all high speed steel and cobalt drills.

V391 \$2850.00



XT3000 Xpandable Drill Sharpener

The XT3000 Xpandable drill sharpener has a capacity range from 3mm through 21mm and point angle range from 118 to 150 degrees. Optional attachments sharpen other cutting tools including step drills, brad points, larger drills, Weldon and single flute countersinks. An upgradeable sharpener that grows with your needs. The machine has two wheels, a sharpening wheel and a point split wheel. A major feature is the ease of operation that enables use by operators with varying skill levels.

XT3000 \$8550.00



E90 Precision End Mill Sharpeners

Expensive end mills resharpened in minutes

The E series end mill sharpeners are accurate yet simple. One quick set-up allows you to sharpen both the primary and secondary angles of the end and the flutes. The hard-chrome plated air-spindle and stainless steel spindle sleeve assures long-lasting accuracy. The E90 is equipped with a CBN wheel.

E90 \$8000.00



DAREX® SHARPENER SPECIFICATIONS

| Sharpener | V391 | XT3000 | E90 |
|------------------------------|--------------|---------------|----------------------|
| Cutting tool type | Drill | Drill | End Mill |
| Flute number | 2 flute | 2 flute | 2-6 flute |
| Carbide | Yes c | Yes c | Yes |
| Tool diameter | 1/8 - 3/4" | 1/8-13/16" | 1/16-2" |
| Tool length | No limit | No limit | 6 flutes |
| Point angle (degrees) | 118 thru 140 | 118 - 150 | 2d fishtail |
| Split point | Yes | Yes | NA |
| Web thin | Yes | No | NA |
| Grinding accuracy | ANSI | ANSI | within 5c tolerances |
| Average cycle time - seconds | 15-60 | 10-60 | 120-240 |
| Grinding wheel | CBN or D | CBN or D | CBN or D |
| Wheel care required | None | None | None |
| Compressed air required | None | None | 90psi / 2cfm |
| Motor (volt) | 230 | 230 | 230 |
| Shipping weight | 11kg | 28.5kg | 32.6kg |
| Sharpener | V391 | XT3000 | E90 |

c Diamond wheels available for carbide

Replacement parts.

| Chucks | | Wheels | |
|-----------------|-------------------------------------|-----------------|------------------------------|
| V391 | | PP11120GF | CBN Standard wheel |
| SA11600TA | 1/8" - 3/4" chuck | PP11110GF | Diamond wheel |
| | \$650.00 | | \$335.00 |
| Fixtures | | End Mill | |
| LEX050 | Large Drill Attachment 21 - 30mm | PP08620GF | Standard Cup |
| LEX200 | Sheet Metal (Brad Point) attachment | PP08624GF | Diamond Cup |
| LEX250 | Step drill attachment | PP08626GF | CBN Cup |
| LEX300 | 90 - 120 degree attachment | | \$795.00 |
| LEX100 | XY Table attachment | | \$795.00 |
| LEX150INTL | Countersink attachment 1/4" & 1/2" | | |
| | \$1600.00 | XT3000 | |
| | | PP16050GF | 180 Grit CBN |
| | | PP16052GF | 180 Grit Diamond |
| | | PP16060GF | 100 Grit CBN Point Split |
| | | PP16062GF | 260 Grit Diamond Point Split |
| | | | \$970.00 |
| | | | \$970.00 |
| | | | \$875.00 |
| | | | \$875.00 |