



# SharperDrills™

The Precision Drill Grinder Store



Patented

## Portable Drill Sharpener

### DGS 01

Drill Point Angle 118 to 135 Degree, Adjustable

### DGS 11

Drill Point Angle 90 to 140 Degree, Adjustable

Solid all metal grinder design provides the platform to repeat quality results with minimal stock removal.

Portable and extremely easy to use with the functional and operator-friendly design features.

Simple and accurate two flute drill bit sharpening, for all drill materials, from HSS to Cobalt and Solid Carbide as option.

A CBN grinding wheel is included and easily exchanged with the optional diamond plated grinding wheel.

Precision collet holder system for best concentricity. High quality true running drills with standard and split point geometries are for your benefit.



Even small diameter drills are easily re-sharpened.



For drill sizes from 2 to 13mm or 0.08" to 1/2"



# Simple to Operate! Anyone can make a perfect point.



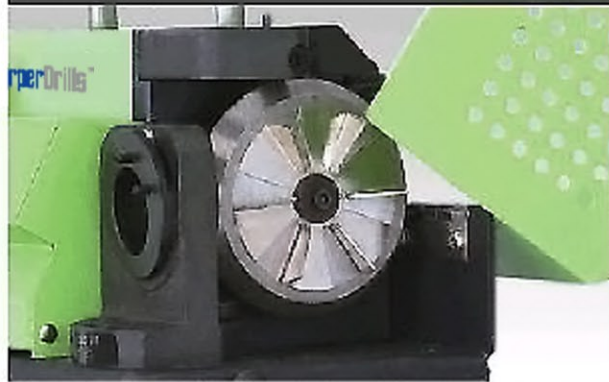
**First: Grinding The Drill Point In One Step**



**Second: Grinding The Relief (Web Thinning)**



**The Grinding Wheel**



**Standard CBN 200 Wheel  
For HSS Drills**



**Optional SDC 230 Wheel  
For Carbide Drills**



Quiet running design with high quality CBN wheel (200 Grade for HSS) and optional SDC Diamod Wheel (230 Grad for Solid Carbide).

**Integrated Collet Stock Shelf**



For best drill concentricity, the perfect point is guaranteed by the collet clamps. Conveniently stored in the front rack of the grinder, collet sizes from #2 to #13 in 0.040" (1mm) steps are provided. As an option intermediate collets ranging from #2.5 to #12.5 in 0.040" (1mm) steps are available to further improve the results when needed, like for high speed drilling.

Model	SharperDrills™ DGS 01	SharperDrills™ DGS 11
Drill Size Range	0.08" (#47) to 1/2" (2mm to 13mm)	0.08" (#47) to 1/2" (2mm to 13mm)
Drill Point Angle	118° to 135°	90° to 140°
Power Supply	120V, single phase, 60cycle (or optional 220-240V, single phase, 50 cycle)	
Motor Speed	Precision Motor Grinding Spindle, running at 5,300rpm	
Grinding Wheel (Standard)	CBN wheel #200	CBN wheel #200
Collets (Standard)	Set of steel collets, consisting of 12 each. (#2 to #13)	
Grinder Size	Length x Width x Height: 280 x 133 x 155 mm ( 11" x 5 1/4" x 6 1/8")	
Weight	about 18 lbs ( 8 kg)	
Standard Accessories	Grinding chuck assembly for size range, set of collets (12 each), allen wrenches (2 each), adjustment shim, power cord, operating manual in english.	

Technical details are subject to change without notice, for ongoing design improvements. There is no best, only better and better.