



# **GSC Grinding Machine For Drill and End Mill series**

**Super Simple  
Super Easy  
Super Fast  
Super Efficiency**



# End Mill Grinder

## GS-6 End Mill Resharpening



For  $\Phi 3\text{mm} - 12\text{mm}$  End Mill Resharpening

Adjustable Cutting Face Angle

Adjustable Width of Cutting Face

SD#200 For Carbide / CBN#200 For HSS (Opt.)



### GS-6 Standard accessories

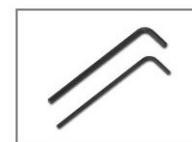


SD200 A (3.0-5.0mm)

SD200 B (5.1-8.0mm)

SD200 C (8.1-12.0mm)

Standard Collet Sets



Flutes 2b

Flutes 3b

Flutes 4b

Hexagon Wrench

2pcs (3mm, 4mm)

## GS-26 End Mill Resharpening

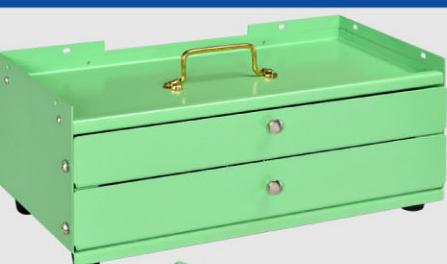


For  $\Phi 10.0\text{mm} - 26\text{mm}$  End Mill Resharpening

Adjustable Cutting Face Angle

Adjustable Width of Cutting Face

SD#200 For Carbide / CBN#200 For HSS(Opt.)



### GS-26 Standard accessories



SD200 A (10.0-13.0mm)

SD200 B (13.1-16.0mm)

SD200 C (16.1-20.0mm)

SD200 D (20.1-26.0mm)



Standard Collet Sets



Flutes 2b

Flutes 3b

Flutes 4b

Back Chuck for Flutes 2b, 3b & 4b

Cam Bushing

Hexagon Wrench

2pcs (3mm, 5mm)

# Cutting-Off Machine



## GS-13 Cutting-Off Machine



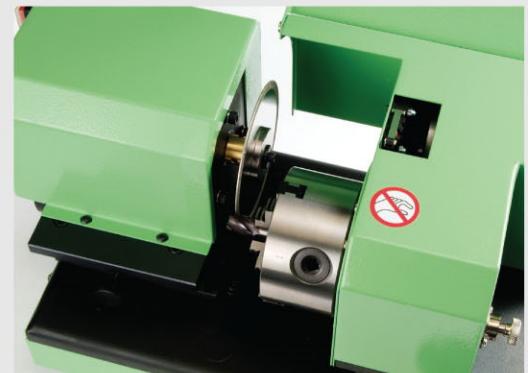
Dry Cooling

## GS-33 Cutting-Off Machine



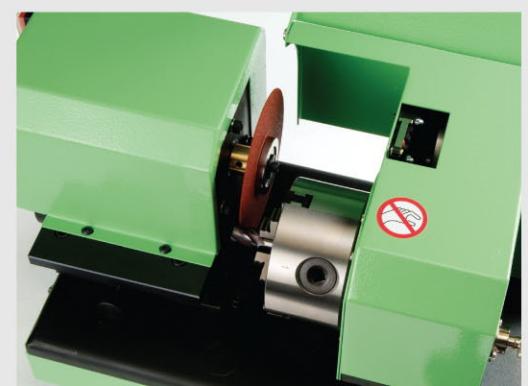
1. Convenient Design  
X, Y axis workable  
professional structure enhanced  
high-performance cutting accuracy.
2. Cutting Capacity  
For GS-13  
Cutting diameter:  $\Phi 3 \sim 16\text{mm}$ ;  
Cutting length of work-piece end: 15mmL/max  
For GS-33  
Cutting diameter:  $\Phi 16\sim 32\text{mm}$ ;  
Cutting length of work-piece end: 20mmL/max
3. Patented Radius cutting by Dual-motor driver  
The hardened treatment steel is controlled well in virtue of natural dissipation characteristic, cutting time is greatly shortened as the work-piece is simultaneously rotated while cutting.
4. Quick-Work-Changing System  
The work-piece is quickly exchanged with prime quality 3-Jaw chuck system.
5. Cooling System  
Dry cooling is able to connect with various pressurized air and vacuum cleaner achieved perfect cooling effect.
6. Cutting Disc  
SD#100 for carbide, CBN#100 for HSS
7. Optional Grinding Wheel For GS-13  
SD#100 width 5mm, 10mm for carbide, CBN#100 width 5mm, 10mm for HSS

### GS-13 Standard accessories



### ◎ Carbide end mill cutting efficiency on GS-13

- $\Phi 10\text{mm}$  4 flute carbide end mill is cut by SD#100 cutting disc takes 55 seconds.
- $\Phi 16\text{mm}$  4 flute carbide end mill is cut by SD#100 cutting disc takes 100 seconds.



### ◎ HSS end mill cutting efficiency on GS-13

- $\Phi 10\text{mm}$  4 flute HSS end mill is cut by E60WA cutting disc takes 60 seconds.
- $\Phi 16\text{mm}$  4 flute HSS end mill is cut by E60WA cutting disc takes 110 seconds.



# Drill Bit Grinder



## GS-35

### Twist Drill Resharpener



For  $\Phi 34.1\text{mm} - 52\text{mm}$  Twist Drill Resharpening  
Adjustable Point Angle  $118^\circ - 140^\circ$   
CBN#200 For HSS /SD#200 For Carbide (Opt.)

◎ Collets:  $\Phi 35\text{mm} - 52\text{mm}$  (Optional)  
Wooden box & Plastic box (Optional)



## GS-1

### Twist Drill Resharpener



For  $\Phi 2\text{mm} - 13\text{mm}$  Twist Drill Resharpening  
Adjustable Point Angle  $90^\circ - 140^\circ$   
CBN#200 For HSS /SD#200 For Carbide (Opt.)



## GS-20

### Twist Drill Resharpener



For  $\Phi 2\text{mm} - 20\text{mm}$  Twist Drill Resharpening  
Adjustable Point Angle  $90^\circ - 140^\circ$   
CBN#200 For HSS /SD#200 For Carbide (Opt.)

## GS-21

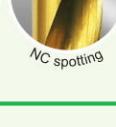
### Twist Drill Resharpener



For  $\Phi 12\text{mm} - 26\text{mm}$  Twist Drill Resharpening  
Adjustable Point Angle  $90^\circ - 140^\circ$   
CBN#200 For HSS /SD#200 For Carbide (Opt.)

## GS-34

### Twist Drill Resharpener



For  $\Phi 12\text{mm} - 34\text{mm}$  Twist Drill Resharpening  
Adjustable Point Angle  $90^\circ - 140^\circ$   
CBN#200 For HSS /SD#200 For Carbide (Opt.)

# Special Drill Bit Grinder



## GS-3

Left Hand Twist  
Drill Resharpener



For  $\Phi 2\text{mm} - 13\text{mm}$  Left Hand Twist Drill Resharpening  
Adjustable Point Angle  $118^\circ - 135^\circ$   
CBN#200 For HSS /SD#200 For Carbide (Opt.)

## GS-5

Sheet Metal Drill  
Resharpener



For  $\Phi 3\text{mm} - 13\text{mm}$  Sheet Metal Drill Resharpening  
Adjustable Point Angle  $165^\circ - 180^\circ$   
CBN#200 For HSS /SD#200 For Carbide (Opt.)

## GS-22

Iron Frame Drill  
Resharpener



For  $\Phi 12\text{mm} - 26\text{mm}$  Iron Frame Drill  
Adjustable Point Angle  $160^\circ - 180^\circ$   
CBN#200 For HSS /SD#200 For Carbide (Opt.)

## GS-14

Three Flute Drill  
Resharpener



For  $\Phi 3\text{mm} - 13\text{mm}$  Three Flute Drill Resharpening  
Adjustable Point Angle  $130^\circ - 150^\circ$   
CBN#200 For HSS /SD#200 For Carbide (Opt.)



SG & DG



# GS-15

Three Flute Sheet Metal Drill Resharpeners



For  $\Phi 3\text{mm} - 13\text{mm}$  Three Flute Sheet Metal Drill Resharpening  
Adjustable Point Angle 165° - 180°

CBN#200 For HSS /SD#200 For Carbide (Opt.)



# GS-18

SG High Speed Drill ESS 7572P Resharpeners



For  $\Phi 3\text{mm} - 13\text{mm}$  SG High Speed Drill Resharpening  
Point Angle 135°

CBN#200 For HSS /SD#200 For Carbide (Opt.)



# GS-16

Woodworking Drill Resharpeners



For  $\Phi 3\text{mm} - 13\text{mm}$   
Woodworking Drill Resharpening

CBN#200 For HSS /SD#200 For Carbide (Opt.)



# GS-28

SG High Speed Drill ESS 7572P Resharpeners



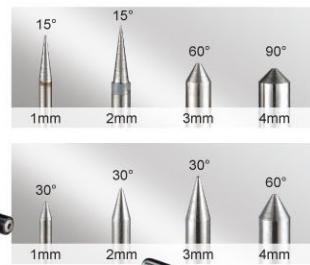
For  $\Phi 12\text{mm} - 22\text{mm}$  SG High Speed Drill Resharpening  
Point Angle 135°

CBN#200 For HSS /SD#200 For Carbide (Opt.)



# GS-17

Tungsten Bar Resharpeners



For  $\Phi 1.0 - 6.4\text{mm}$   
( $\Phi 1.0, 1.2, 1.6, 2.4, 3.2, 4.8, 6.0, 6.4\text{mm}$ )  
Tungsten Bar Resharpening  
Adjustable Angle 15° - 90°



# GS-19

DG Three Rake Drill ES 7570P Resharpeners



For  $\Phi 3\text{mm} - 13\text{mm}$  DG Three Rake Drill Resharpening  
Point Angle 135°

CBN#200 For HSS /SD#200 For Carbide (Opt.)



# Dual Head Drill Bit Grinder

## GS-7

Sheet Metal &  
Twist Drill  
Resharpeners



For  $\Phi 3\text{mm} - 13\text{mm}$  Sheet Metal Drill Resharpening  
Adjustable Point Angle  $165^\circ - 180^\circ$

For  $\Phi 2\text{mm} - 13\text{mm}$  Twist Drill Resharpening  
Adjustable Point Angle  $90^\circ - 140^\circ$

CBN#200 For HSS /SD#200 For Carbide (Opt.)

## GS-27

Iron Frame Drill  
& Twist Drill  
Resharpeners



For  $\Phi 12\text{mm} - 26\text{mm}$  Iron Frame Drill Resharpening  
Adjustable Point Angle  $160^\circ - 180^\circ$

For  $\Phi 12\text{mm} - 26\text{mm}$  Twist Drill Resharpening  
Adjustable Point Angle  $90^\circ - 140^\circ$

CBN#200 For HSS /SD#200 For Carbide (Opt.)

## GS-9

DG Three Rake  
Drill ES 7570P &  
Twist Drill  
Resharpeners



For  $\Phi 2\text{mm} - 13\text{mm}$  DG Three Rake Drill Resharpening  
Adjustable Point Angle  $118^\circ - 140^\circ$

For  $\Phi 2\text{mm} - 13\text{mm}$  Twist Drill Resharpening  
Adjustable Point Angle  $90^\circ - 140^\circ$

CBN#200 For HSS /SD#200 For Carbide (Opt.)

## GS-29

DG Three Rake  
Drill ES 7570P  
& Twist Drill  
Resharpeners



For  $\Phi 12\text{mm} - 26\text{mm}$  DG Three Rake Drill Resharpening  
Adjustable Point Angle  $118^\circ - 140^\circ$

For  $\Phi 12\text{mm} - 26\text{mm}$  Twist Drill Resharpening  
Adjustable Point Angle  $90^\circ - 140^\circ$

CBN#200 For HSS /SD#200 For Carbide (Opt.)

## GS-10

SG High Speed Drill  
ESS 7572P  
& Twist Drill  
Resharpeners



For  $\Phi 3\text{mm} - 13\text{mm}$  SG High Speed Drill Resharpening  
Point Angle  $135^\circ$

For  $\Phi 2\text{mm} - 13\text{mm}$  Twist Drill Resharpening  
Adjustable Point Angle  $90^\circ - 140^\circ$

CBN#200 For HSS /SD#200 For Carbide (Opt.)

## GS-12

SG High Speed Drill  
ESS 7572P  
& DG Three Rake  
Drill ES 7570P  
Resharpeners



For  $\Phi 3\text{mm} - 13\text{mm}$  SG High Speed Drill Resharpening  
Point Angle  $135^\circ$

For  $\Phi 3\text{mm} - 13\text{mm}$  DG Three Rake Drill Resharpening  
Point Angle  $135^\circ$

CBN#200 For HSS /SD#200 For Carbide (Opt.)

# GS-8 Left Hand Twist Drill & Twist Drill Resharpeners



# GS-24 Twist Drill & End Mill Resharpeners



## Optional accessories

