



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

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





## GS-6 End Mill Resharpener



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



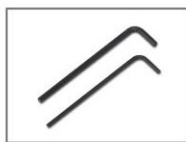
Flutes 2b



Flutes 3b



Flutes 4b



Hexagon Wrench  
2pcs (3mm, 4mm)

## GS-26 End Mill Resharpener



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



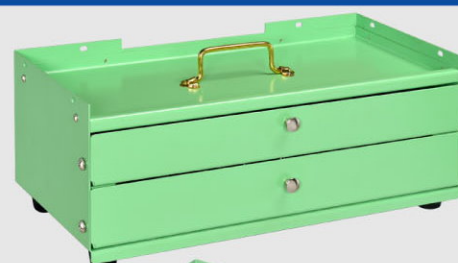
Back Chuck for  
Flutes 2b, 3b & 4b



Cam Bushing



Hexagon Wrench  
2pcs (3mm, 5mm)



Working Table (Opt.)



# Cutting-Off Machine



## GS-13 Cutting-Off Machine



Dry Cooling

## GS-33 Cutting-Off Machine



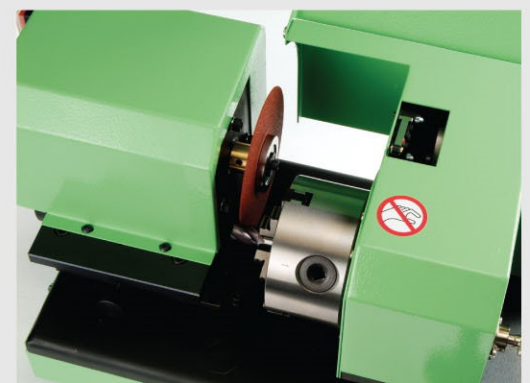
1. Convenient Design  
X, Y axis workable  
professional structure enhanced  
high-performance cutting accuracy.
2. Cutting Capacity  
**For GS-13**  
Cutting diameter:  $\Phi 3 \sim 16\text{mm}$ ;  
Cutting length of work-piece end: 15mmL/max  
**For GS-33**  
Cutting diameter:  $\Phi 16 \sim 32\text{mm}$ ;  
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.

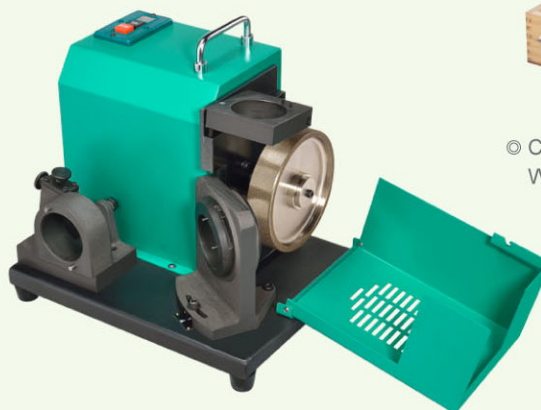




# Drill Bit Grinder



## GS-35 Twist Drill Resharpener



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



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

## GS-1 Twist Drill Resharpener



High Quality Grinding Slip



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

## GS-21 Twist Drill Resharpener

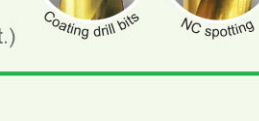


For  $\Phi 12\text{mm}$  -  $26\text{mm}$  Twist Drill Resharpener  
Adjustable Point Angle  $90^\circ$  -  $140^\circ$   
CBN#200 For HSS /SD#200 For Carbide (Opt.)

## GS-34 Twist Drill Resharpener



$\Phi 12\text{mm}$  -  $26\text{mm}$   $90^\circ$  -  $140^\circ$   
 $\Phi 26.1\text{mm}$  -  $32\text{mm}$   $118^\circ$  -  $140^\circ$   
 $\Phi 32.1\text{mm}$  -  $34\text{mm}$   $125^\circ$  -  $140^\circ$



For  $\Phi 12\text{mm}$  -  $34\text{mm}$  Twist Drill Resharpener  
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 Resharpener  
Adjustable Point Angle  $118^\circ - 135^\circ$   
CBN#200 For HSS /SD#200 For Carbide (Opt.)



Left hand twist drill bits

## GS-5 Sheet Metal Drill Resharpener



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



Sheet metal drill bits

## 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.)



Iron frame drill bits

## GS-14 Three Flute Drill Resharpener



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



Three flute drill bits



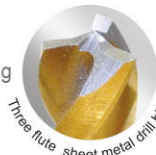


# GS-15

## Three Flute Sheet Metal Drill Resharpener



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



Three flute sheet metal drill bits

# GS-16

## Woodworking Drill Resharpener



For  $\Phi 3\text{mm} - 13\text{mm}$   
Woodworking Drill Resharpener  
CBN#200 For HSS /SD#200 For Carbide (Opt.)



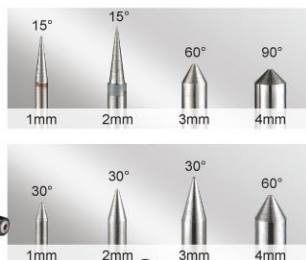
Woodworking drill bits

# GS-17

## Tungsten Bar Resharpener



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 Resharpener  
Adjustable Angle  $15^\circ - 90^\circ$



# SG & DG

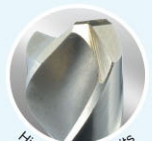
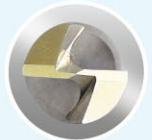


# GS-18

## SG High Speed Drill ESS 7572P Resharpener



For  $\Phi 3\text{mm} - 13\text{mm}$  SG High Speed Drill Resharpener  
Point Angle  $135^\circ$   
CBN#200 For HSS /SD#200 For Carbide (Opt.)



High speed drill bits

# GS-28

## SG High Speed Drill ESS 7572P Resharpener



For  $\Phi 12\text{mm} - 22\text{mm}$  SG High Speed Drill Resharpener  
Point Angle  $135^\circ$   
CBN#200 For HSS /SD#200 For Carbide (Opt.)



High speed drill bits

# GS-19

## DG Three Rake Drill ES 7570P Resharpener



For  $\Phi 3\text{mm} - 13\text{mm}$  DG Three Rake Drill Resharpener  
Point Angle  $135^\circ$   
CBN#200 For HSS /SD#200 For Carbide (Opt.)



DG three rake drill bits



# Dual Head Drill Bit Grinder

## GS-7 Sheet Metal & Twist Drill Resharpener



For  $\Phi 3\text{mm} - 13\text{mm}$  Sheet Metal Drill Resharpener  
Adjustable Point Angle  $165^\circ - 180^\circ$   
For  $\Phi 2\text{mm} - 13\text{mm}$  Twist Drill Resharpener  
Adjustable Point Angle  $90^\circ - 140^\circ$   
CBN#200 For HSS /SD#200 For Carbide (Opt.)



## GS-27 Iron Frame Drill & Twist Drill Resharpener



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



For  $\Phi 2\text{mm} - 13\text{mm}$  DG Three Rake Drill Resharpener  
Adjustable Point Angle  $118^\circ - 140^\circ$   
For  $\Phi 2\text{mm} - 13\text{mm}$  Twist Drill Resharpener  
Adjustable Point Angle  $90^\circ - 140^\circ$   
CBN#200 For HSS /SD#200 For Carbide (Opt.)



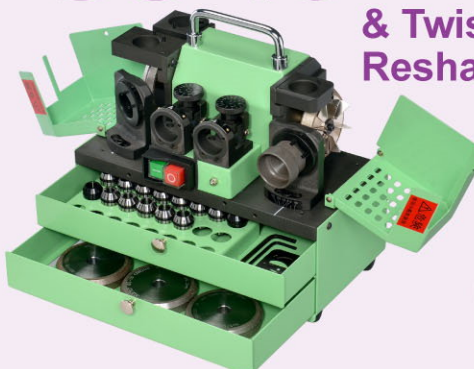
## GS-29 DG Three Rake Drill ES 7570P & Twist Drill Resharpener



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



For  $\Phi 3\text{mm} - 13\text{mm}$  SG High Speed Drill Resharpener  
Point Angle  $135^\circ$   
For  $\Phi 2\text{mm} - 13\text{mm}$  Twist Drill Resharpener  
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 Resharpener



For  $\Phi 3\text{mm} - 13\text{mm}$  SG High Speed Drill Resharpener  
Point Angle  $135^\circ$   
For  $\Phi 3\text{mm} - 13\text{mm}$  DG Three Rake Drill Resharpener  
Point Angle  $135^\circ$   
CBN#200 For HSS /SD#200 For Carbide (Opt.)







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



For  $\Phi 2\text{mm} - 13\text{mm}$  Left Hand Twist Drill Resharpener  
Adjustable Point Angle  $118^\circ - 135^\circ$   
For  $\Phi 2\text{mm} - 13\text{mm}$  Twist Drill Resharpener  
Adjustable Point Angle  $90^\circ - 140^\circ$   
CBN#200 For HSS /SD#200 For Carbide (Opt.)

## GS-24 Twist Drill & End Mill Resharpener



For  $\Phi 2\text{mm} - 13\text{mm}$  Twist Drill Resharpener  
Adjustable Point Angle  $90^\circ - 140^\circ$   
For  $\Phi 3\text{mm} - 12\text{mm}$  End Mill Resharpener  
Adjustable Cutting Face Angle  
SD#200 For Carbide / CBN#200 For HSS (Opt.)

## Optional accessories



<b>ER20 collets</b> 	<b>ER32 Collets</b> 	<b>ER-16 Collets and Adapter</b> 	<b>ER-20 End Mill Shank Collets</b> 	<b>ER-50 Holder Set</b> 	<b>Wooden Box for Collets</b> 
<b>CBN-200 Wheels</b> 	<b>SD-200 Wheels</b> 	<b>Point Angle Gauge</b> 	<b>Parallel Alignment Gadget</b> 	<b>Parallel Alignment Gadget</b> 	<b>Portable LED Light</b> 
<b>Dust Collector Attachment</b> 	<b>Dust Collector Attachment</b> 	<b>AL-201</b> 	<b>AL-301</b> 	<b>AL-303</b> 	<b>HO-100</b> 



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