



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

Super Simple
Super Easy
Super Fast
Super Efficiency



GSC innovates for making you work happier.

End Mill Grinder

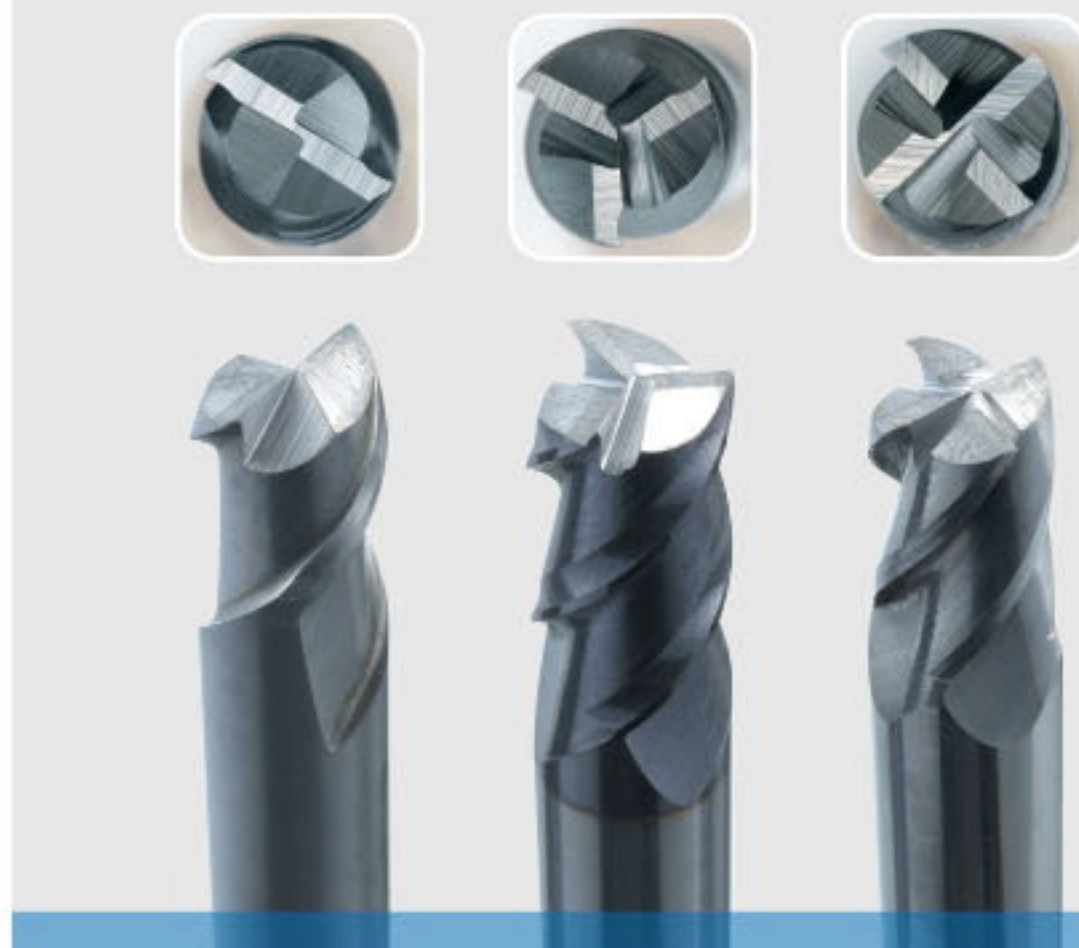


GS-6 End Mill Resharpener



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



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



Cutting-Off Machine



GS-13 Cutting-Off Machine



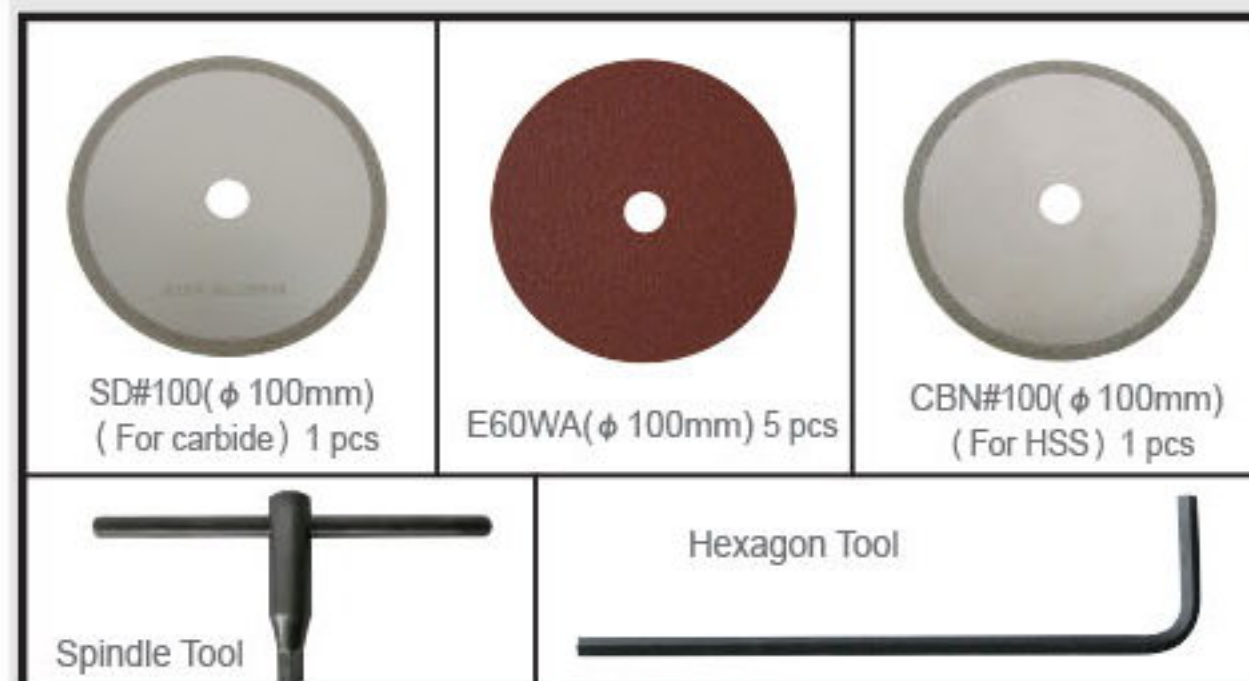
Dry Cooling

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-52 Twist Drill Resharpener



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.)



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 Resharpener
Adjustable Point Angle $90^\circ - 140^\circ$
CBN#200 For HSS /SD#200 For Carbide (Opt.)



High Quality Grinding Slip



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.)

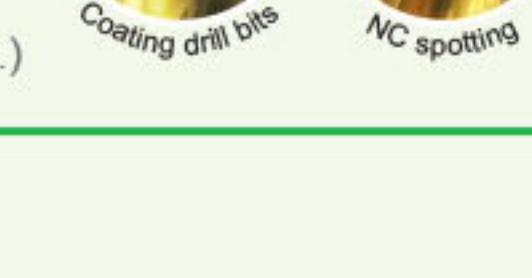


GS-34 Twist Drill Resharpener

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



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



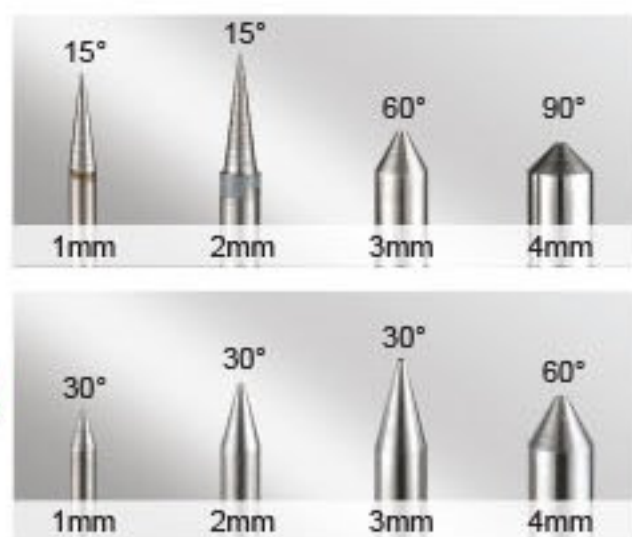
For $\Phi 3\text{mm} - 13\text{mm}$
Woodworking Drill Resharpener
CBN#200 For HSS /SD#200 For Carbide (Opt.)



Woodworking drill bits

GS-17 Tungsten Bar Resharpener

Collet Type



GS-17A

For $\Phi 1.0 - 6.0\text{mm}$ Ratchet Type
($\Phi 1.0, 1.2, 1.6, 2.4, 3.2, 4.8, 6.0\text{ mm}$)
Tungsten Bar Resharpener
Adjustable Angle $15^\circ - 90^\circ$



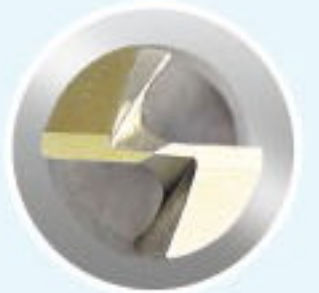
SG & DG



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

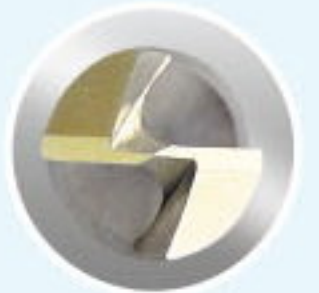


High speed drill bits

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°
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°
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°
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°
For $\Phi 3\text{mm} - 13\text{mm}$ DG Three Rake Drill Resharpener
Point Angle 135°
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-61 Twist Drill & End Mill Resharpener



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.)
For $\Phi 3\text{mm} - 12\text{mm}$ End Mill Resharpener
Adjustable Cutting Face Angle and Width
SD#200 For Carbide / CBN#200 For HSS (Opt.)

Optional accessories

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