



# Easy to use grinder for sharpening

## NACHI SG-ES DRILLS

Hi Performance

It is reported that using Nachi drills can offer many advantages, resulting to low cost high quality drilled holes with speed, performance and excellence. The only drawback sometimes mentioned is that sharpening is more difficult than that of regular drills. Moreover, quality re-sharpening with Nachi's tip geometries is one of the success factors making it very profitable to use the drills.

SHARPERDRILLS™ offers the solutions with the COMBO grinder models. Besides the capability to re-sharpen typical twist drill tip geometries for standard, parabolic and other two flute drills, also the multi-faceted drill tip of the NACHI drills are easily sharpened. The tool collets clamping offers the quality needed for quick and repeatable results. Quickly re-sharpened, quality sharp drill tips for everyone that is what SharperDrills™ sharpener add to the Nachi equation.

And if you want the advantages of a Nachi drill point, you can sharpen all your drills with the ES type drill point.

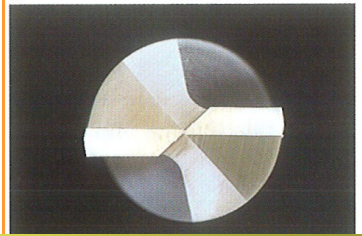




# DGS 09 / DGS 29 Combo Drill Sharpener

NACHI ES-Point and Standard Drill Point Capacity

## SG-ES Drill Point



**Drill points with high accuracy shape for lip relief,  
2 rakes + X-thinning.**



**DGS 29** Drill Size Range:  
12 - 26 mm / 1/2" to 1"

## Simplicity And Speed

The straightforward sharpening operation, is making drill sharpening with SharperDrills™ easy, reliable, and precise for everyone.



**DGS 09** Drill Size Range:  
2 - 13 mm / 3/32" to 1/2"

Technical Specifications:	DGS 29 Drill Sharpener		DGS 09 Drill Sharpener	
<b>Drill Point Type</b>	2 Flute Drills with Nachi ES-Point*	2 Flute Drills with Standard Point	2 Flute Drills with Nachi ES-Point*	2 Flute Drills with Standard Point
<b>Drill Bit Diameter Range</b>	12 to 26 mm 1/2 to 1 inch	12 to 26 mm 1/2 to 1 inch	2 to 13 mm 0.080 to 1 inch	2 to 13 mm 0.080 to 1 inch
<b>Point Angle Range</b>	118 to 140 degree	118 to 140 degree	118 to 140 degree	90 to 140 degree
<b>Web Thinning / Split-Point</b>	X-type	S-type	X-type	S-type
<b>Grinding Wheel Size</b>	125 mm 5 inch	125 mm 5 inch	80 mm 3 1/8 inch	80 mm 3 1/8 inch
<b>Grinding Wheel Type</b>	Electro Plated CBN #200		Electro Plated CBN #200	
<b>Spindle Speed</b>	3280 rpm		5300 rpm	
<b>Collet Size</b>	ER 32		ER 20	
<b>Power Supply</b>	Single Phase, 120V, 50/60 cycle. (Option: 220V-240V, 50cycle)		Single Phase, 120V, 50/60 cycle. (Option: 220V-240V, 50cycle)	
<b>Grinder Size</b> Length x Width x Heights	430 x 225 x 270 mm	17 x 8 3/4 x 10 5/8 inch	283 x 145 x 210 mm	11 1/4 x 5 3/4 x 8 1/4 inch
<b>Grinder Weight</b> about	32 kg	70.5 lbs	12.5 kg	27.5 lbs
<b>Standard Accessories (included)</b>	15 Each ER32 Collets in 1mm (0.040") Steps; Grinding Chuck; Metal Shim Set for Web Thinning Adjustment; US-Power Cord; 2 Each Allen Wrench, 3mm and 5mm Size; Operating Manual (English)		15 Each Collets, Size # 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13; Grinding Chuck, Metal Shim Set for Web Thinning Adjustment; Power Cord 2 Each Allen Wrenches, 3mm and 4mm Size; Operating Manual (English)	
<b>Available Options</b>	Electro Plated Diamond Wheel, SDC # 200; Set Intermediate Collets		Electro Plated Diamond Wheel, SDC # 230; Set Intermediate Collets	

\* Multi Facet, Multi Rake, Split Point