



SharperDrills™

The Precision Drill Grinder Store



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 solution 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 accuracy needed for repeatable high-performance results. Quickly re-sharpened, quality drill bits 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 tip.

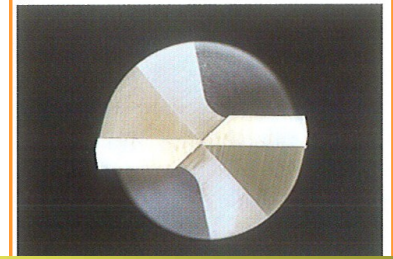


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DGS 09 / DGS 29 Combo Drill Sharpener

NACHI ES-Point and Standard Drill Point Capacity

SG-ES Drill Point



Drill points with high accuracy shape for lip relief,
3 rakes + split point.



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 - 12 mm / 3/32" to 1/2"

Technical Specifications:	DGS 29 Drill Sharpener		DGS 09 Drill Sharpener	
Drill Point Type	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
Drill Bit Diameter Range	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 1/2 inch	2 to 13 mm 0.080 to 1/2 inch
Point Angle Range	118 to 140 degree	118 to 140 degree	118 to 140 degree	90 to 140 degree
Web Thinning / Split-Point	X-type	S-type	X-type	S-type
Grinding Wheel Size	125 mm 5 inch	125 mm 5 inch	80 mm 3 1/8 inch	80 mm 3 1/8 inch
Grinding Wheel Type	Electro Plated CBN #200, total of 2 (ea)		Electro Plated CBN #200, total of 2 (ea)	
Spindle Speed	3280 rpm		5300 rpm	
Collet Size	ER 32		ER 20	
Power Supply	Single Phase, 120V, 50/60 cycle. (Option: 220V-240V, 50cycle)		Single Phase, 120V, 50/60 cycle. (Option: 220V-240V, 50cycle)	
Grinder Size 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
Grinder Weight about	32 kg	70.5 lbs	12.5 kg	27.5 lbs
Standard Accessories (included)	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)	
Available Options	Electro Plated Diamond Wheel, SDC # 200; Set Intermediate Collets		Electro Plated Diamond Wheel, SDC # 230; Set Intermediate Collets	

* Multi Facet, Multi Rake, Split Point