

HIGH SPEED GRINDER

NSK PLANET 550 (50,000 - 65,000 RPM)

Features:

- Suitable for grinding of deep holes; processing of up to 2.36" deep hole with inner diameter of more than 0.55"
- Capable of grinding inner diameters from min. 0.12" to max. 2.76"
- Operable by a small 2 horsepower compressor
- An exhaust air type that produces very little noise
- Standard collet chucks in 1/8" and 1/4"; optional collet chucks are available (see below)
- Grindstone shank for deep holes is available in 1.57", 1.97" and 2.36"
- Easy replacement of chuck and grindstone shank
- A maximum air efficiency design for outstandingly high torque
- The stainless steel body casing allows the Planet 550 to be fixed, and used as a tool post grinder for precision I.D. grinding
- Dual set of ball bearings supply the rigidity for deep hole grinding with extended shanks

Standard Accessories:

- Planet 550 body
- 6' air hose
- 1 set of wrenches
- Collet chucks and a nut (1/8" and 1/4")
- Anti-swivel rod
- Grindstone shank for deep holes (70mm)



Specifications:

■ NSK PLANET 550	
	325-664
Model (Body Only)	Planet 550
Shank Diameter	3/4"
Grinding Capacity	0.12 - 2.76"
Grinding Depth	Max. 2.36"
Grindstone Dia.	Max. φ0.98"
Revolution	50,000 - 65,000 rpm
Air Pressure	43 - 85 PSI
Volume of Air Flow	130 l/min.
Compressor	2HP (1.5kw)
Weight	3.61 lbs.

Optional Collet

■ NSK PLANET 550		
Code #	Diameter	Price \$
325-644	1/4"	130.10
325-646	3/16"	119.20
325-648	1/8"	108.40
325-650	3/32"	119.20

Ordering Information:

■ NSK PLANET 550		
Code No.	Description	Price \$
325-664	Body and standard assembly	4,069.20
325-666	Complete set with air line kit	4,214.60

Grindstone Shank for Deep Holes

■ NSK PLANET 550			
Code No.	Model	Length (L)	Price \$
325-667	K064761	1.57" (40mm)	186.40
325-668	K064762	1.97" (50mm)	197.20
325-669	K064763	2.36" (60mm)	208.20

PLANET 800 (70,000 - 90,000 RPM)

High speed revolution of 90,000 rpm makes it suitable for internal grinding of small diameter holes (processable inner diameter range 0.08" – 1.18")

Specifications:

PLANET 800	
Code No.	325-652
Model	Planet 800
Shank Diameter	3/4"
Grinding Capacity	0.08 - 1.81"
Grinding Depth	Max. 0.98"
Grindstone Dia.	Max. 0.43"
Revolution	70,000 - 90,000 rpm
Air Pressure	43 - 71 PSI
volume of Air Flow	80 l/min.
Compressor	1HP (0.75kw)
Weight	1.32 lbs.



Ordering Information:

PLANET 800		
Code No.	Description	Price \$
325-652	Body and standard assembly	1,744.30
325-654	Complete set with air line kit	3,276.30

Grindstone Shank

PLANET 800			
Code No.	Model	Length (L)	Price \$
325-670	PX-10	0.39" (10mm)	71.60
325-671	PX-20	0.79" (20mm)	84.60

Optional Collets

PLANET 800		
Code #	Diameter	Price \$
325-656	1/8"	150.34
325-658	3/32"	98.90
325-660	1/16"	130.10
325-662	3/64"	98.90

Grindstone

PLANET 800			
Code No.	Model	Length (L)	Price \$
325-672	PG-01	Cup Wheel	69.50
325-673	PG-02	Cup Wheel	69.50