



550 series

2 YEAR WARRANTY

RADIUS AND ANGLE DRESSER

FEATURES:

- ▶ An extremely accurate and versatile unit for use on all O.D., I.D. surface grinding operations. At no time are the hands near the point of contact.
- ▶ Knob "A" controls radii and knob "B" controls angular movements.
- ▶ All moving parts are lapped.
- ▶ Adjustable gibs.
- ▶ Gage block setting for grinding precise radii.
- ▶ Easy, fast, accurate radius setting.
- ▶ Radius is set on the grinder by measuring over the two pins or by inserting a gage block, for direct reading.
- ▶ Inside or outside radius is determined by using either the left or right hand pins.

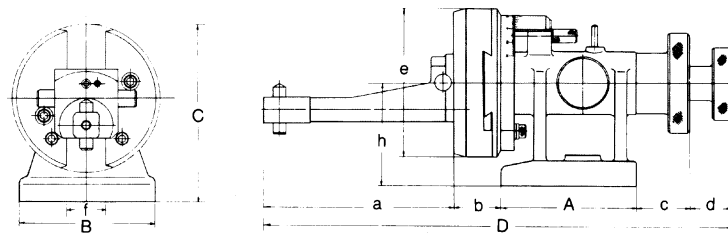
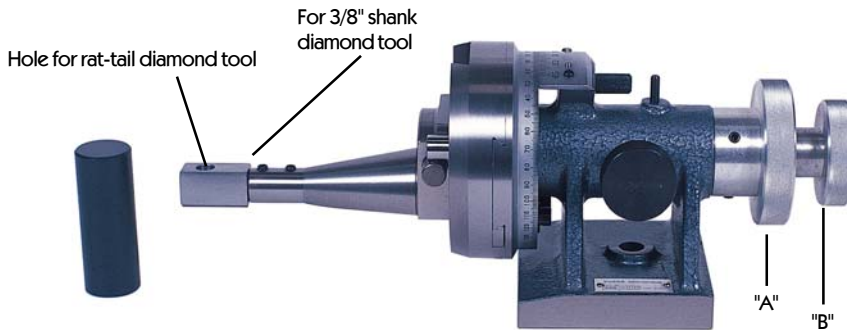
SPECIFICATIONS	MODELS	
	550-000	550-001N
Weight lbs/(kg)	16 (7.2)	23 (10.4)
Maximum diameter of wheel	8"	12"
Convex radii	0 - 1 3/16"	0 - 1 5/8" (6" **)
Concave radii	1/32" - 1 3/16"	1/32" - 1 5/8" *** (6" **)
Tangent travel either side of center	1.20"	2"
Center line of tool	3"	3.4"
Overall length	13.66"	16.61"

Optional accessories for 550-001N

**553-308 - Extension adaptor for 1-5/8" to 6" concave radii and convex radii

Inch/(mm)

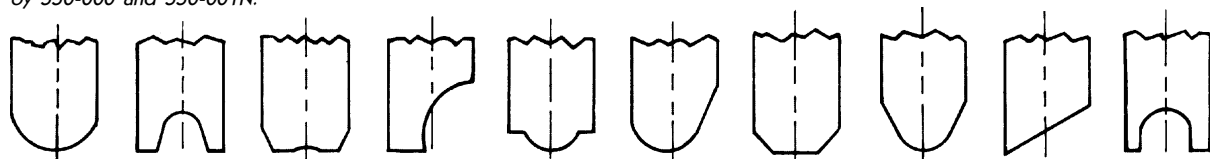
SPECIFICATIONS	MAXIMUM VARIATION
Face plate to dresser arm squareness (per 2")	0.0005 (0.012)
Face plate to base squareness	0.0006 (0.015)
Center runout of dovetail groove to wheel center	0.0006 (0.015)



Inch/(mm)

MODEL	MOUNTING SURFACE		OVERALL LENGTH		CENTER HEIGHT	DIMENSIONS					
	A	B	C	D	h	a	b	c	d	e	f
550-000	3.94 (100)	3.94 (100)	5.17 (131)	13.66 (347)	3.00 (76.2)	5.59 (142)	1.34 (34)	1.57 (40)	1.22 (31)	4.33 (110)	1.85 (47)
550-001N	5.35 (136)	4.13 (105)	6.01 (152)	16.14 (410)	3.40 (86.3)	6.46 (164)	1.50 (38)	1.81 (46)	1.22 (31)	5.23 (132.8)	1.85 (47)

Concave and convex radii which can be dressed by 550-000 and 550-001N.



GRINDING ATTACHMENTS & ACCESSORIES