

INTERNAL and EXTERNAL TOOL-POST GRINDERS

*SPECIAL FLANGES REQUIRED FOR CUP WHEELS

SEE PAGES 6 and 7 FOR LONG REACH, STEP AND HIGH SPEED QUILLS

TYPE	D.26	D.27	D.28	D.29	D.30	D.30A	D.31	D.31A	D.31B
Dimension Sheet	101	102	103	103	104	104	104	105	105
Plain Wheels Inches Mm	60x10x10 Ext	3"x1/2"x1/2" 80x13x12.7	5"x3/4"x1/2" 129x19x12.7 1 recess 2 3/4"x1/4" 70x6	5"x3/4"x1/2" 125x19x12.7 1 recess 2 3/4"x1/4" 70x6	6"x1 1/4"x2 1/8" 150x32x54 2 recesses 3 1/4"x1/4" 86x6	6"x1 1/4"x2 1/8" 150x32x54 2 recesses 3 1/4"x1/4" 86x6	6"x1 1/4"x2 1/8" 150x32x54 2 recesses 3 1/4"x1/4" 82x6	8"x1"x2 3/8" 200x25x60.3 1 recess 4 1/4"x1/4" 108x6	8"x1"x2 3/8" 200x25x60.3 1 recess 4 1/4"x1/4" 108x6
Inches Mm	20x6x6 Int.	1"x1/2"x5/16" 25x13x8	None	1"x1/2"x5/16" 25x13x8	3"x1"x5/8" 80x25x15.9	None	1 1/2"x1 1/2"x3/8" 40x13x9.5	None	1 1/2"x1 1/2"x3/8" 38x13x9.5
Cup Wheels (Flared) Inches Mm	— 80/50—6 rim 13 back	3/2—1/2" rim 1/2" back 80/50—6 rim 13 back	4/3—3/8" rim 1/2" back 100/80—10 rim 13 back	4/3—3/8" rim 1/2" back 100/80—10 rim 13 back	5/3—1/2" rim 1" back 125/80—13 rim 25 back	5/3—1/2" rim 1" back 125/80—13 rim 25 back	5/3—1/2" rim 1" back 125/75—13 rim 25 back	8/5—5/8" rim 3/4" back 200/125—16 rim 19 back	8/5—5/8" rim 3/4" back 200/125—16 rim 19 back
Grinding Depth With ext. inches Wheel mm With Int. inches Extension mm	— 3" 75	2" 50 3" 80	5 1/2" 138 Not supplied	5 1/2" 138 3" 75	6 1/4" 156 Not supplied	6 1/4" 156 Not supplied	6 1/4" 156 100	6" 150 Not supplied	6" 150 4" 100
Smallest bore with standard extension	1/2" 13	3/4" 19	—	3/4" 19	—	—	1" 25	—	1" 25
Speeds	8000 18000	6000 16000	4500	4500 7000 8000 12000	3000 6000	3000	2850 4400 6500 10000	2850	2850 4400 6500 10000
Motor Power	1/4 hp .17kw	1/3 h.p. .25 kw	1/2 h.p. .37kw	1/2 h.p. .37kw	3/4 h.p. .55kw	3/4 h.p. .55kw	3/4 h.p. .55kw	1.5 h.p. 1.1kw	1.5 h.p. 1.1kw
Quill Dia.	—	1 3/4" 44.45mm	1 3/4" 44.45mm	1 3/4" 44.45mm	2 1/4" 57.15mm	2 1/4" 57.15mm	2 1/4" 57.15mm	2 1/4" 57.15mm	2 1/4" 57.15mm
Belts	Flat	Flat	2 Vee	Flat	Flat	2 Vee	Flat	2 Vee	Flat
For Lathes of Centre Height	3 1/2" and over 87mm & over	5" and over 125mm & over	6 1/2" and over 165mm & over	6 1/2" & over 165mm & over	8" & over 200mm & over	8" & over 200mm & over	8" & over 200mm & over	10" & over 250mm & over	10" & over 250mm & over
Weight Lbs. (Approx) Kgs.	13 6	32 14.5	69 31.5	70 32	81 37	80 36.5	89 40	147 67	161 73
Can Built-in Diamond Dresser be fitted	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes

FIG. 96

D.30, D.30A, D.31
centre height and
D.30A External
D.30 Large bore
D.31 Internal and

FIG. 97

D.31A, D.31B
For 10" (250) and
D.31A External.
D.31B Internal a

DIAMOND DRESSERS

THE BUILT-IN DIAMOND DRESSER IN POSITION



3949

(10mm-50mm)