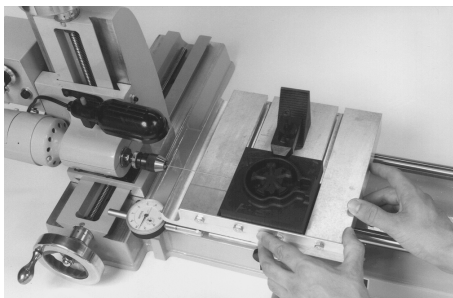


WESTHOFF Ultra-Sensitive Model 100 Drilling Machine

- No special skill is needed to operate the drilling machine.
- It comes assembled ready for work, with the precision in the machine. It responds within micro limits merely with sight adjustment of controls
- The precision is so remarkable that several owners have reported drilling .010 and .015 holes to depths of six to eight inches
- An operation manual pictures various set-ups, also gives step by step guidance for drilling, and for proper machine maintenance
- The work table's ball bearing movement on the two round ways has so little friction that fingertip pressure is all that is necessary for load weight up to 30 lbs.
- No Lubrication Required!



Ways ----- 60 R. case hardened and precdision ground.
Lead screws - Stainless steel with 10 pitch Acme thread
Dials ----- Aluminum anodized, friction setting graduated by .001
Rheostat ----- Rheostate (Solid State) speed, 0 to 15,000 R.P.M.
Motor ----- 1/10 H.P. 115 V.
Chuck ----- Albrecht Keyless 0-1/8" capacity with through hole
 3/32" x 6" deep
Lead nut----- Wear resistant, self lubricating nylatron
Wear pads ---- Wear resistant, self lubricating nylatron
Gibs ----- Wear resistant, self lubricating nylatron
Base, Column, Head, Work Table-----Cast aluminum for light weight

Specifications:

Overall size ----- 18" H x 24"W x 26"L

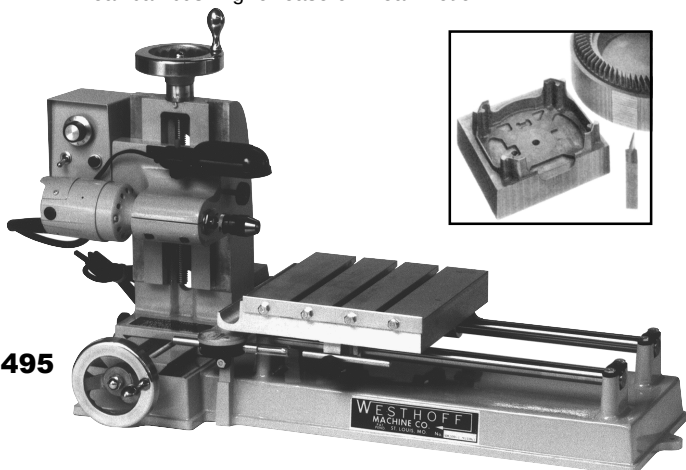
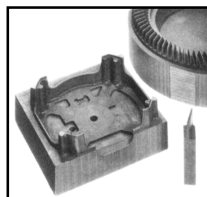
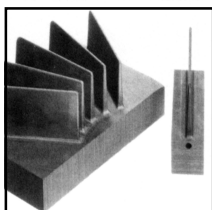
Weight ----- 50 lbs.

Head Travel ----- 4-1/2" vertical

Horizontal Travel ----- 12"

Work Table ----- 8-1/2" x 8-1/2" with Worak Table Travel 8-1/2"

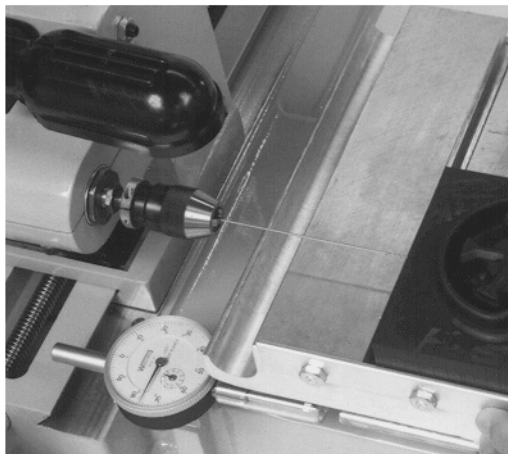
Bearings ----- Linear ball bushing for ease of linear motion



Order No. 100-1

Price: \$2,495

WESTHOFF Micro Flush Drills



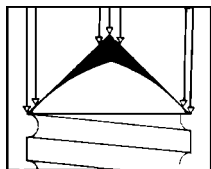
- ✓ Straight Holes
- ✓ Minimum Breakage
- ✓ Long Life

Short Flute Length

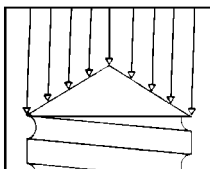
A short flute length enable s the operator to short chuck on his drill, giving him a stronger more rigid drill with minimum breadage and a straight pilot hole. (1/2" of flute length on a .020 diameter drill is proportionally the same as 6-1/4" flute length on a 1/4" diameter drill).

Fast Spiral & Helical Flute

The fast spiral flute withdraws the graphite chip out of the hole better than the ordinary fluted drill. The spiral flute makes the drill more rigid which means less breakage and straighter holes. The fluting's acute spiral angle brings out more chips on each retracting. The flute angle gives positive withdrawal of the complete chip load. There's little or none left to be gathered up on re-entry... none left at the bottom to compact at drill -point contact.



Standard Drill



Westhoff Graphite Drills

Broader Points

These drills have 135° points instead of the 118° points of conventional drills. These broader points will give you longer drill life because of less chip load. They also follow the pilot hole better which means straighter holes. These drills are specifically designed to give you maximum performance.

Diameter	Length Of Flute	Overall Length		
		2"	4"	6"
.010	x 1/4"	15.73	31.45	N/A
.015	x 3/8"	4.35	7.47	11.41
.020	x 1/2"	3.90	6.89	10.31
.025	x 1/2"	3.01	5.82	9.44
.030	x 1/2"	2.37	4.67	7.00
.035	x 1/2"	2.32	4.19	6.27
.040	x 1/2"	2.06	4.15	6.14
.050	x 1/2"	N/A	4.09	6.22
*.060	x 1/2"	N/A	3.57	5.44

- Standard packing: 12 drills per tube.
- * Note: Size .060 6 drills per tube.
- Add \$2.00 handling charge for smaller quantities.
- When ordering give diameter and overall length.

