

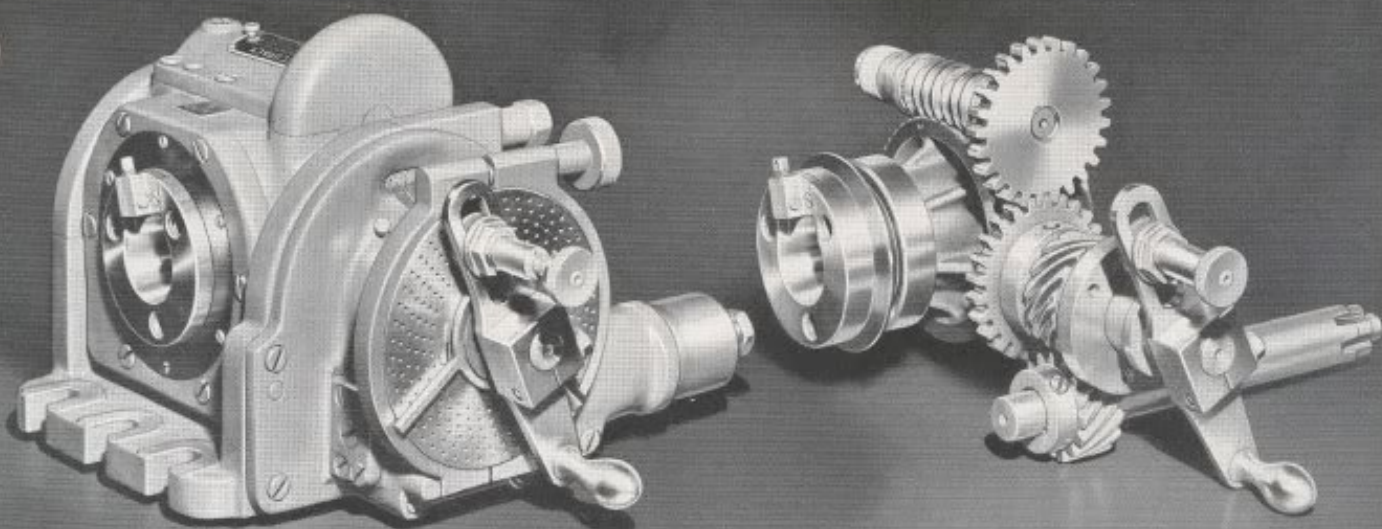
THE NEW

BULLETIN No. 750B

Model H

DIVIDING HEAD

SPIRAL UNIVERSAL • WORM WHEEL TYPE • 40 TO 1 RATIO



Another "K & T" achievement!

When purchasing a machine tool or its attachments, one of the most vital factors to be considered is obsolescence. Will the equipment be a profitable producer five, ten, or more years after date of purchase . . . or will it have to be tagged "obsolete" and replaced? • The New Model H Dividing Head, like the New Model H Milwaukee, is definitely guaranteed against early obsolescence. It is not merely an "improved" dividing head but is entirely new and modern in every detail. Yet it is simple and sound in design, and enduring in construction. With ordinary care it will give a lifetime of highly satisfactory and profitable service. And it will remain modern in performance because: First, its accuracy will remain unchanged after years of daily service . . . secondly, it is designed to meet not only today's production requirements but tomorrow's as well. • Here at last is the Dividing Head you have always needed but couldn't buy . . . the Head that makes those fussy jobs easier, and steps up production and profits in the toolroom . . . the Head designed to last, and built to stay on the job . . . your best assurance against early obsolescence and costly replacements.

KEARNEY & TRECKER CORPORATION
MILWAUKEE WISCONSIN

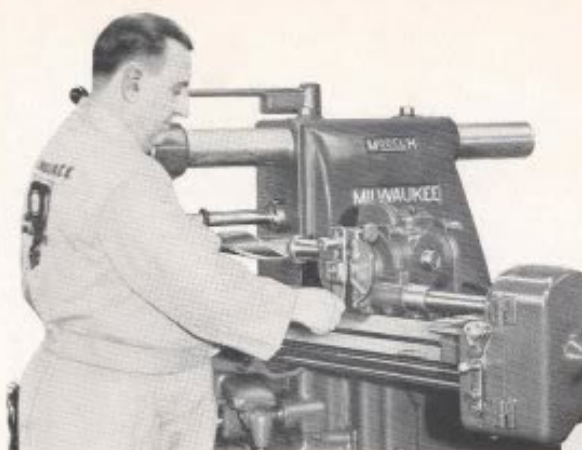
ing machine spindle. An expanding key takes up all play between the driving key and the collar of the arbor, and gives a metal-to-metal positive drive.

POSITIVE ALIGNMENT CLAMPING

Large self-equalizing clamps that grip all-the-way-around are used to clamp the spindle, the spindle block, and even the index plates. This equalized clamping pressure prevents springing and distortion—another factor contributing to permanent accuracy. Incidentally this system of clamping is the same superior construction that is used on the more expensive Model K Hypoid Head.

ACCURACY

The indexing accuracy of a Model H Dividing Head is within the accepted standard of one minute of arc—the equivalent of 1/21,600th part of a circle.



The Majority of Operators are Rightbanded—That is why K&T have placed their dividing head at the right hand end of the table, to enable the operator to stand at his normal position ahead of the index crank, to index easily and naturally with his right hand—and more accurately, too.

SPECIFICATIONS — MODEL H WORMWHEEL HEAD

DESCRIPTION	8" Head		10" Head	
	Inches	Millimeters	Inches	Millimeters
Swing.....	8"	203	10"	254
Ratio of index crank to spindle.....	40 to 1	40 to 1	40 to 1	40 to 1
Spindle swivels below horizontal and beyond perpendicular.....	5°	5°	5°	5°
Height in vertical position, face of spindle to top of table.....	7 1/8"	183	8 1/8"	229
Taper hole in spindle—same as milling machine spindle so that arbors are interchangeable.....	3 1/2" per .001 No. 40 National Standard			
Diameter No. 40 National Standard Spindle Nose.....	3 1/2"	89	3 1/2"	89
Hole through spindle—diameter.....	1"	25.4	1"	25.4
Number of single index plates regularly furnished as standard equipment.....	3	3	3	3
HIGH NUMBER single index plates available at extra cost.....	4	4	4	4
Divisions obtainable by simple indexing using the three single plates regularly furnished.....	All numbers in sequence from 2 to 100 except 51, 53, 57, 59, 61, 63, 67, 69, 71, 73, 77, 79, 81, 83, 87, 89, 91, 93, 96, 97, and 99, and many above.			
Divisions obtainable by simple indexing with the addition of four HIGH NUMBER index plates.....	All numbers in sequence from 2 to 100, all even numbers up to 200, and all numbers divisible by 5 up to 520 except 125, 175, 225, 250, 275, 325, 350, 375, 425, 450, 475, 500, and 515.			
Standard Equipment—when furnished with Model H MILWAUKEE MILLING MACHINES.....	Equipment consists of Model H Wormwheel type, 40:1 ratio Spiral Universal Dividing Head with three single index plates, adjustable tailstock, center rest, dividing center and work driver, index and lead charts—together with conventional lead change gear box and change gears. When desired, low lead gear box can be substituted, at additional cost.			
Standard Equipment—when Model H Dividing Head is ordered separately.....	When desired for indexing purposes only, Model H Worm and Wormwheel type dividing head can be purchased separately. When so furnished, the price includes the dividing head with three single index plates, adjustable tailstock, center rest, dividing center with work driver, index chart, and arranged with drive connection for spiral milling—but price DOES NOT include lead change gear box or change gears.			
CODE WORD—when Model H Dividing Head is ordered separately.....	8"		10"	
Net weight—dividing head only.....	HUPEG		LAMZO	
Net weight—dividing head, including tailstock, center rest, etc.....	90 lbs.		95 lbs.	
Shipping weight—dividing head, including tailstock, center rest, etc.....	130 lbs.		135 lbs.	
Size of case.....	160 lbs.		165 lbs.	
	18" x 30" x 16"		18" x 30" x 16"	
CODE WORDS—Attachments used with Model H Dividing Head.....	ATMOU			
3-Jaw Universal Chuck (5").....	HUPOR			
Four Single type HIGH NUMBER index plates.....	HUPSU			
Right Angle Power Drive Bracket.....	HUROS			
Cam Slide for reproducing cams from master.....	HURLO			
Thread Milling Attachment.....	HIXIG			
Thread Milling Attachment Follower Rest.....				

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