



W.J. KEATING LIMITED

ACCESSORIES & ATTACHMENTS



FEED TABLES

Two models for Series 31 and 32 units feature hand-scrapped ways, taper adjustable gibs — offer longitudinal feeds from 8" to 16" with a cross feed of 3-3/8". If only one direction of travel is required, table height may be reduced by removing lower carriage and mounting the upper carriage directly on the base assembly.

COMPLETE FEED TABLES

Catalog No.	Feed Length	Cross	Dimensions	Wt. Lbs.
31-111	8"	3-3/8"	16-1/8" x 9"	32
32-112	16"	3-3/8"	24-1/8" x 9"	32

FEED TABLE SUB-ASSEMBLY

CATALOG NUMBERS:

- 32-220 Upper carriage Assembly. Shipping weight: 8 lbs.
- 32-221 Lower carriage Assembly. Shipping weight: 18 lbs.
- 32-222 Base Assembly for 8" feed table. Shipping weight: 34 lbs.
- 32-223 Base Assembly for 16" feed table. Shipping weight: 57 lbs.

(NOTE: Upper and Lower Carriages interchangeable with all Basic Sizes.)



INDEX HEAD

For perfect spacing of gear teeth, splines, bolt circles and geometric shapes. Mounts on lathe headstock to accurately index work held in chuck. Makes all divisions 1 to 30 — others to 1080. Indexes by degrees, 20 and 30-minute divisions.

CATALOG NUMBERS:

- 32-108 Index Head with mounting bracket and expanding mandrel to fit 1-1/8" bore. Shipping weight: 22 lbs.
 - *403-0020 Sleeve adaptor for spindle bores 1-1/4" to 1-3/4" diameter.
 - *403-0021 Sleeve adaptor for spindle bores 1-3/4" to 2-1/4" diameter.
 - *403-0022 Sleeve adaptor for spindle bores 2-1/4" to 3" diameter.
- *Adaptors are furnished to fit largest bore size indicated — must be turned to fit smaller spindle bores.



UNIVERSAL HEAD

For vertical drilling and reaming, thread milling and machining in the side of a large workpiece. The Universal Head mounts on unit and is driven by Versa-Mil spindle. Head swivels 360° to present cutter at any angle to the work. Use same arbors as basic unit. A size for each model.

CATALOG NUMBERS:

- 21-104 Universal Head for Series 31. Shipping weight: 8 lbs.
- 32-104 Universal Head for Series 32. Shipping weight: 17 lbs.



INTERNAL GRINDER

For converting Versa-Mil to precision internal grinder. Series 32 unit handles 7/8" to 3" wheels — grinds to 6" depth. Six speeds match wheel speed to wheel diameter. Flat belt drive for smooth operation — fine finishes. Spindle diameter — 3/8". Optional Diamond Wheel Dresser (32-110) available.

CATALOG NUMBERS:

- 32-108 Internal Grinder for Series 32, with spindle pulley and belt. Shipping weight: 8 lbs.
- *The 3-step motor pulley furnished with the Versa-Mil Grinder is also required.

OTHER ATTACHMENTS AVAILABLE - WRITE FOR COMPLETE BROCHURE

VERSA-MIL ARBORS

TAPER

- 31-201 No. 1 Morse Taper Arbor for Series 31
- 32-201 No. 2 Morse Taper Arbor for Series 32
- 31-228 No. 5 Brown & Sharpe Taper Arbor for Series 31
- 32-228 No. 5 Brown & Sharpe Taper Arbor for Series 32
- 32-202 No. 7 Brown & Sharpe Taper Arbor for Series 32



SHELL END MILL

- for facing and slotting
- 31-227 1/2", for Series 31
- 31-208 3/4", for Series 31
- 32-208 3/4", for Series 32



FLYCUTTER

- provides 45° and 90° cutter positioning
- 31-203 With tool bit for Series 31
- 32-203 With tool bit for Series 32



GEARED TYPE CHUCK

- chuck with arbor
- 31-210 0-1/2", Chuck for Series 31
- 32-210 0-1/2", Chuck for Series 32



SIDE MILLING

- (spacers included)
- 31-204 7/8", for Series 31
- 31-205 1", for Series 31
- 32-204 7/8", for Series 32
- 32-205 1", for Series 32



STRAIGHT SHANK ARBOR

- 31-211 3/8", for Series 31
- 31-212 1/2", for Series 31
- 32-211 3/8", for Series 32
- 32-212 1/2", for Series 32
- 32-213 5/8", for Series 32



STRADDLE MILL

- (spacers not included)
- 31-207 1", for Series 31
- 32-207 1", for Series 32
- 32-226 Set of 8 spacers for 1" arbors



ANGLE MILL ARBOR

- 31-230 3/8", for Series 31
- 32-230 3/8", for Series 32

