Harig “World Famous” Grind-All No. 1 Fixture

Grinds various shaped punches up to 1½" diameter. Built for high precision work within ±0.001. Radii generated with sliding V-block. Multi-sides produced with 24 division index.

Constructed of hardened tool steel, with critical internal parts protected from grinding dust for long-lasting, accurate performance. Complete with carrying case, work-holding V-block and 24 division indexing plate.

Order No. NJ60-010100 $1740.00

SPECIFICATIONS FOR GRIND-ALL NO. 1:

- V-block cap................................. 1¼"
- Center height.................................. 3.000"
- Index divisions.................................. 24
- Accuracy..................................... ±0.0001
- Graduation..................................... 360°
- Net weight..................................... 12 lbs.

Optional Accessories

Order No. NJ60-12050 5½” Face plate................................. $170.00
Order No. NJ60-12060 3-Jaw chuck................................. $640.00
Order No. NJ60-12070 5” Magnetic chuck.......................... $740.00
Order No. NJ60-1052 Radius dresser arm.......................... $136.00

Turns Grind-All No. 1 into a perfect radius dresser

Order No. NJ60-1055 Ball-seat punch adapter.......................... $230.00

Locates & clamps a ball-seat type punch accurately.

Order No. NJ60-015100 Base plate & tailstock.......................... $740.00

11° long for grinding long & thin parts

Order No. NJ60-055100 4” × 6” Sine plate.......................... $680.00

For grinding parts with tapers

Order No. NJ60-1090 6” Hardened face plate.......................... $180.00

Has ½” center hole & tapped holes for mounting

Harig Large Capacity

2” Grind-All No. 2 Fixture

Order No. NJ60-020100 $2850.00

Includes standard face plate & V-block

Order No. NJ60-021100 $3200.00

Includes standard face plate, V-block & rotary table

For large capacity work including punching, the Harig Grind-All No. 2 offers 2” diameter V-block capacity, large face-plate area, horizontal mounting arrangement, and optional rotary table mechanism. High quality tool steel construction for “tenth”s accuracy and long life.

SPECIFICATIONS FOR GRIND-ALL NO. 2:

- V-block capacity................................. 2”
- Face-plate diameter.................................. 6½"
- Center height..................................... 4.000"
- Index divisions..................................... 24
- Graduation..................................... 360°
- Net weight..................................... 30 lbs.

Harig Tru-Dex Wheel Dresser

Accurate and true, plus a unique indexing arrangement for instant setting of 15°, 30°, 45°, etc., angles. Tru-Dex is a high quality dresser equipped with choice of dresser arms for up to 8” or 12” grinding wheels.

Order No. NJ60-030100 $1790.00

Harig Lectric-Centers Motorized Cylindrical Grinding Fixture

Do external grinding on a surface grinder

Quickly converts a surface grinder for cylindrical grinding applications and can also be used for critical inspection. The Dead Center design permits extremely close accuracies down to 50 millionths and to be easily obtained. Can be mounted directly on magnetic chuck or onto the optional 4” × 6” sine plate (Order No. NJ60-055100).

Completely motorized for ease of stock removal. Complete with diamond holder for wheel dressing, interchangeable male and female centers, adjustable headstock & tailstock and carrying case.

Order No. NJ60-025100 $1490.00

SPECIFICATIONS OF LELECTRIC CENTER:

- Swing..................................... 6”
- Center distance................................. 7”
- Center height..................................... 3”
- Accuracy..................................... ±0.00050 TRP
- Motor..................................... 115 Volt/1Phase Speeds 180 & 360 RPM

Harig Uni-Dex Ultra Precise Collet Fixture

Designed and built to “tenth”s accuracy, the new Harig Uni-Dex is unequalled anywhere in a universal collet fixture. Hardened and ground throughout, its integral preloaded ball and race bearing, and 24 division index arrangement delivers extreme positioning accuracy and precision. Tool steel housing and extended base provide exceptional rigidity and minimal deflection, even with heavier work pieces or magnetic chuck, face plate and 3-jaw chuck accessories. Comes with carrying case.

Order No. NJ60-070100 $1390.00

SPECIFICATIONS:

- Runout with 5-C collet................................. 0.000050
- Index accuracy..................................... ±10 seconds
- Center height..................................... 3”
- Thru hole..................................... 1¼”
- Index divisions..................................... 24
- Collet type..................................... 5C & SST
- 3-Jaw chuck hole................................. ¾”
- Weight..................................... 10½ lbs.

Harig Spin-Indexer

FEATURES:

- Sturdy and dimensionally stable cast iron housing.
- Large preloaded ball bearings are durable and accurate — ideal for motorization.
- 5C collet holder ground in assembly to under 0.0001” runout.
- 24 Division index plate with precision index pins locks in every 15° to +/- 30 seconds
- Draw sleeve for quick set-ups of collets and accessories.
- Extended base for minimal deflection even with heavier parts.
- 1/4” Diameter mounting hole on top of housing for diamond dresser.

SPECIFICATIONS:

- Collet..................................... 5C up to 1”
- Center height..................................... 4-1/8”
- 24 Division indexing................................. +/- 30 seconds
- Spindle parallel to base................................. 0.0002 in 6”
- Motor..................................... 1/15HP 110V AC Variable speed 50-450 RPM
- Weight..................................... 17 lbs.