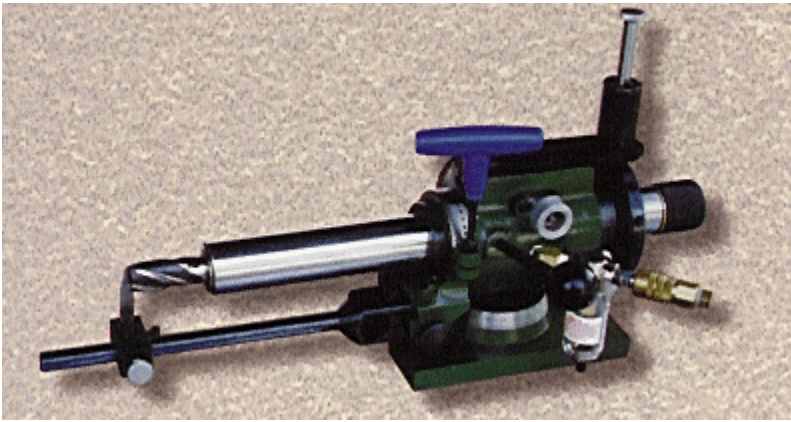


Air Bearing End Mill Grinding Fixture

Air-Bearing End Mill Grinding Fixture

Allows precision sharpening of end mills, reamers, shell mills and other cutters. The spindle is supported with a thin film of air providing nearly frictionless motion, resulting in a smooth, even grind. The fixture is available with a universal base to fit most tool and cutter or surface grinders.



Air Bearing Fixture on Universal Base shown

Features:

- Hard chrome plated and ground spindle with a 10" stroke. Tools are held by 5-C or 5-CG collets or extension bushings for up to 2" (50 mm) shanks.
- Flute finger has dovetail cross feed and micrometer vertical adjustment.
- Direct angle settings for up to 20 degrees for the O.D., 360 degrees for rotation, and 30 degrees for tilt (fore and aft).
- Rocker arm tilts fixture away for easy movement from one flute to the next.
- Grinds the O.D. of any number of flutes and includes 12-position index plate (others available) for end grinding.
- Unique micrometer infeed built into fixture. Allows fine-feeding of the tool into the wheel. It is graduated in .001" (or .04 mm) of diameter.

Air Bearing End Mill Grinding Fixture

Pricing:

Item #	Description	Price in US\$
ABUN	Air Bearing for grinding O.D. of end mills, reamers, drills and other cutters. Capacity: 1/8" to 2" shank and grinds up to 9-1/2" flute length. Simple set-up allows primary and secondary clearance up to 20° on the O.D. and up to 30° on the end of the cutter. Includes: Base, hard chrome plated and ground spindle, adjustable flute finger, micrometer infeed, rapid retraction lever, 12-position indexer and air filter. Uses 85-100 psi air. Tools held by 5-C or 5-CG collets or bushings (not included). Comes with a universal base to mount on tool and cutter or surface grinders.	2,790.00
5ST6	5-ST collet set for air bearing fixture – 5-ST (4 split) collets have longer gripping length and are easier to close than 5-C (3 split) collets. Designed for tool grinding and greater accuracy. Set includes 3/8", 1/2", 5/8", 3/4", 7/8" and 1" sizes	595.00
5ST-XX	Individual 5ST Collets	105.00
5C01	5-C bushing for 1-1/4" dia. Shanks	189.00
5C02	5-C bushing for 1-1/2" dia. Shanks	235.00
5C03	5-C bushing for 2" dia. Shanks	260.00

Delivery approx 3-5 days, subject prior sale

TERMS

<u>Conditions of Sale</u>	See "Terms and Conditions of Sale", published at http://www.novatechonline.com/admin/terms-nova.html
<u>Warranty</u>	12 months from date of invoice, or 6 months in the case of a 24-hour operation.
<u>Terms</u>	10% with order, 90 % prior shipment, F.O.B Novatech warehouse. (Freight and Insurance to account of purchaser.)
<u>Packaging</u>	Including one way packing.
<u>Prices</u>	U.S. Dollars, subject to change without notice.