

New High Precision

ACRO *laps*

For High Speed
LAPPING • POLISHING • DE-BURRING

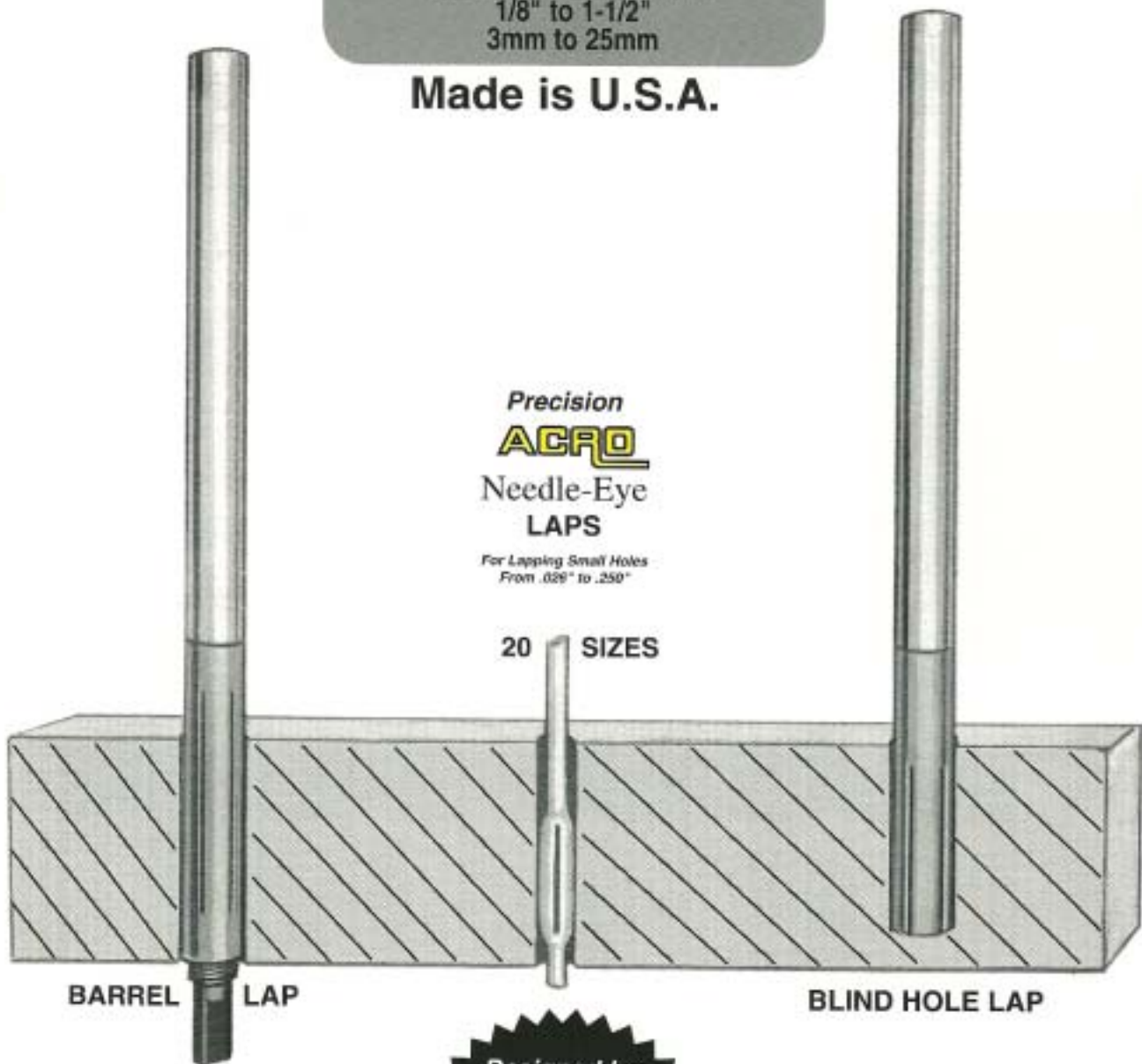
ANY SIZE HOLE FROM
1/8" to 1-1/2"
3mm to 25mm

Made in U.S.A.

Precision
ACRO
Needle-Eye
LAPS

For Lapping Small Holes
From .026" to .250"

20 SIZES



*Designed by
Specialists
in the
Manufacture of*

LAPS

*For more than
45 Years*



ACRO TOOL AND DIE WORKS INC.

3012 MALMO DRIVE • ARLINGTON HEIGHTS, ILLINOIS 60005

PHONE (847) 718-1030

FAX (847) 718-1031

PRECISION MANUFACTURERS SERVING THE METAL WORKING INDUSTRY SINCE 1931

ACROlaps Insure Round, Straight Lap

ACROlap BARREL LAPS

Precision manufactured by veterans in the lapping industry, low-cost ACROlap Barrel Laps insure fast, accurate lapping of long or short holes 1/8" to 1-1/2" diameters. Instantly, accurately adjustable. Milled eccentric slots in brass barrel permit expansion of up to 15% or more by simply turning adjusting screw. Easy does it. No set-up time. No special equipment needed. Longer life built into each ACROlap greatly reduces your lapping costs.



HARDWOOD HOLDS
ACROlaps FOR INSTANT USE

ACROlaps ARE AVAILABLE

SET NO.1—Six (6) complete ACROlaps with hardwood base...
sizes 3/16", 1/4", 5/16", 3/8", 7/16", 1/2"...plus one (1) additional
replacement barrel of each size. Available in - Barrel Laps and
Blind Hole Laps

SET NO.2—Thirteen (13) complete ACROlaps with hardwood base...
sizes 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 13/32", 7/16", 15/32", 1/2",
9/16", 5/8" Available in - Barrel Laps and
Blind Hole Laps

SET NO.5—Fifteen (15) complete ACROlaps with hardwood base...
sizes 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 13/32", 7/16", 15/32", 1/2",
9/16", 5/8", 11/16", 3/4" Available in - Barrel Laps and
Blind Hole Laps

SET NO.6—Eleven (11) complete ACROlaps with hardwood base...
sizes 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 13/32", 7/16", 15/32", 1/2",
Available in - Barrel Laps and
Blind Hole Laps

| | ACROlap SIZES | | New ACRO Super Metric Sizes Barrel Lap Style Only |
|---|---------------|--------|---|
| COMPLETE ACROlap | 1/8 | 5/8 | 3mm |
| Barrel or Blind Hole | 5/32 | 11/16 | 5mm |
| | 3/16 | 3/4 | 6mm |
| | 7/32 | 13/16 | 7mm |
| Barrel or Blind Hole | 1/4 | 7/8 | 8mm |
| Brass Lapping Replacement Barrels | 9/32 | 15/16 | 10mm |
| | 5/16 | 1 | 12mm |
| Arbors | 11/32 | 1-1/16 | 14mm |
| Interchangeable with similar size barrel or blind hole ACROlap | 3/8 | 1-1/8 | 15mm |
| | 13/32 | 1-3/16 | 17mm |
| Adjusting Screws | 7/16 | 1-1/4 | 20mm |
| Barrel or Blind Hole | 15/32 | 1-5/16 | 25mm |
| | 1/2 | 1-3/8 | |
| | 9/16 | 1-7/16 | |
| | | 1-1/2 | |

PUT A COMPLETE SET OF **ACROlaps** ON EACH CR

es...No Galling or Seizing..High Speed...Unequaled Performance

NG • DE-BURRING
OLE FROM
1-1/2"
25mm

ACROlap BLIND HOLE LAPS

Built to the same high-precision standards as all other ACROlaps...the BLIND HOLE Laps are designed to accurately lap "closed end" holes from 1/8" to 1" diameters. With same "slotted" feature as the Barrel Lap, Blind Hole Laps permit high-speed lapping without galling or seizing. Holes are precision lapped from top of hole to bottom. Recessed adjusting screw in end of cylinder permits lap to reach the very bottom.

INDIVIDUALLY OR IN CHOICE OF 8 SETS

SET NO.7-Thirteen (13) complete ACROlaps with hardwood base...
sizes 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 7/8",
15/16", 1" Available in - Barrel Laps
Blind Hole Laps

SET NO.8-Eighteen (18) complete ACROlaps with hardwood base...
sizes 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 13/32", 7/16", 15/32", 1/2",
9/16", 5/8", 11/16", 3/4", 7/8", 15/16", 1" Available in - Barrel Laps
Blind Hole Laps

New SET NO.10-Twenty (20) complete ACROlaps with hardwood base...
sizes 1/8", 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 13/32", 7/16", 15/32",
1/2", 9/16", 5/8", 11/16", 3/4", 7/8", 15/16", 1" Available in - Barrel Laps
Blind Hole Laps

New SET NO.12-Twelve (12) complete ACRO Super metric laps with hardwood base...
sizes 3mm, 5mm, 6mm, 7mm, 8mm, 10mm, 12mm, 14mm, 15mm, 17mm,
20mm, 25mm Available in - Barrel Laps only



HARDWOOD HOLDS
ACROlaps FOR INSTANT USE

INSTANTLY, ACCURATELY, ADJUSTABLE



Plated Arbor Interchangeable
with Barrel or Blind Hole
Lapping Barrels

Brass
Lapping
Barrel
Thru Hole

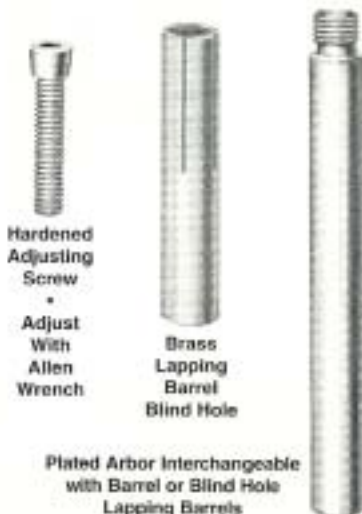
Hardened
Adjusting
Screw



Special Eccentric Design
Insures High-Speed Lapping
Without Seizing

Above illustration shows how
eccentric slots permit auto-
matic slight-pressure of cyl-
inder against work during
fastest operations without
danger of galling or seizing.

HIGH
PRECISION
High
Speed



Hardened
Adjusting
Screw
Adjust
With
Allen
Wrench

Brass
Lapping
Barrel
Blind Hole

Plated Arbor Interchangeable
with Barrel or Blind Hole
Lapping Barrels

BENCH. . .YOU'LL SAVE LOADS OF TIME. . .GREATLY INCREASE PRODUCTION

See Needle-Eye Laps on back page →

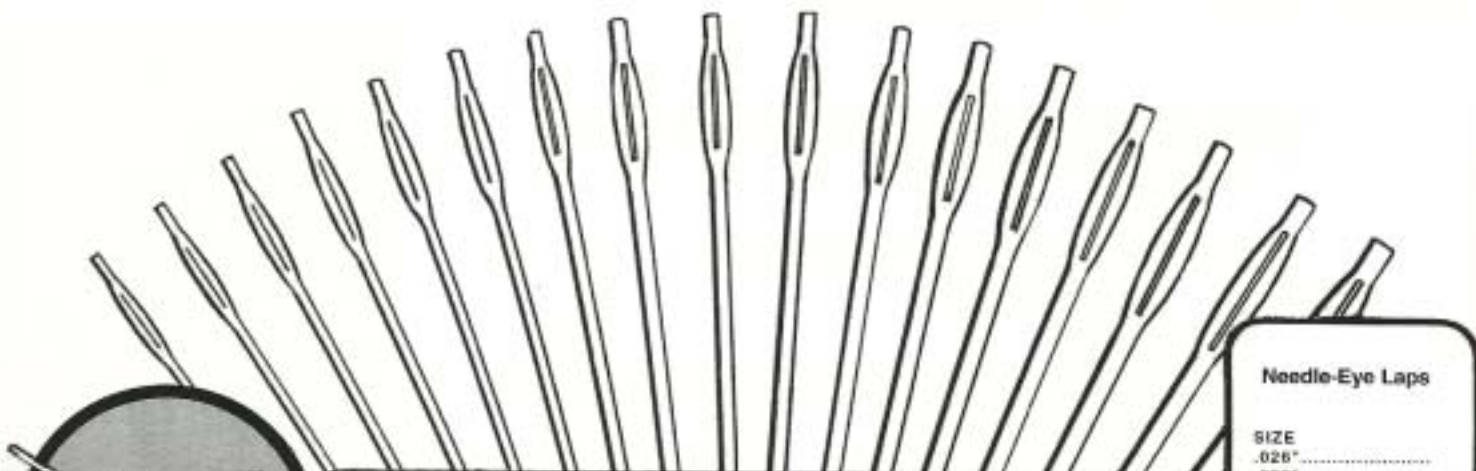
ACRO Needle-Eye *laps*

Available in 20 sizes, ACRO Needle-Eye Laps are un-equalled for lapping small holes. Each of the 20 sizes, from .026" to .250", expand to the next larger size to accurately lap the complete range of sizes.



High-precision standards of ACROlaps are maintained in the manufacture of Needle-Eye Laps. Using Lap Expander or the new, exclusive ACROlap Adjusting Tool, any degree of expansion is obtained with a flexibility that prevents seizing.

FROM .026" **20** SIZES TO .250"



Lap Expander illustrated above is furnished with each package of Needle-Eye Laps

Packaged in dozen lots only (all one size), in individual envelopes with standard Lap Expander. Also available in Trial Assortment of 17 sizes.

Exclusive ACROlaps Adjusting tool

Permits easy, Precision Adjustments in Seconds



Illustration shows how ACROlap Adjusting Tool is used to compress lap.

To expand lap, simply insert jaws of ACROlap Adjusting Tool into lap opening and expand to desired size.

PAT.PENDING

Needle-Eye Laps

| SIZE | |
|------------------------------|-------|
| .026" | ..... |
| .028" | ..... |
| .030" | ..... |
| .032" | ..... |
| .036" | ..... |
| .040" | ..... |
| .046" | ..... |
| .054" | ..... |
| .062" | ..... |
| .070" | ..... |
| .079" | ..... |
| .090" | ..... |
| .104" | ..... |
| .120" | ..... |
| .135" | ..... |
| .155" | ..... |
| .170" | ..... |
| .187" | ..... |
| .218" | ..... |
| .250" | ..... |
| Trial Assortment (.032-.250) | |

There is no substitute for an ACROlap

| TRIAL ASSORTMENT (One each of 17 Sizes) | .032 | .046 | .070 | .104 | .155 | .218 |
|--|------|------|------|------|------|------|
| | .036 | .054 | .079 | .120 | .170 | .250 |
| | .040 | .052 | .090 | .135 | .187 | |

Standardize on ACROlaps Industry's Finest

Prices subject to change without notice.

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