

NONCODED TOOLS

DETAILS (CORD HOLDING), DISCS, DOLLIES, DRILLS, EXTRACTORS, AND FILES

DETAIL, CORD HOLDING, R-1648, DET. 2

Replaced by the No. 449A tool.

DISC, SUBSTITUTE, R-1648, DET. 3

Replaced by the No. 450A tool.

DOLLY, KS-14474

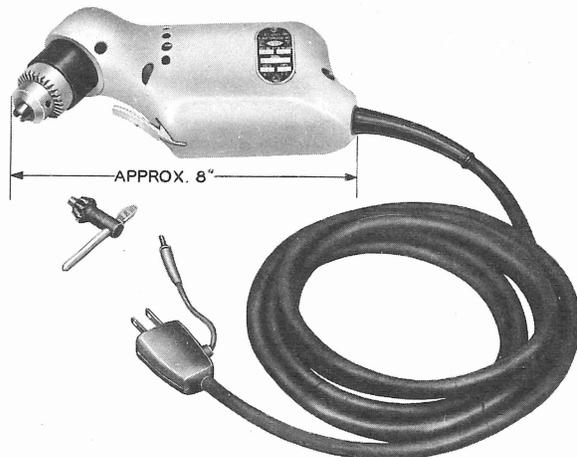
Overall dimensions - 35-1/2" x 18-9/16" x
6-5/8" high with 1" high side rail; 4
rubber tired casters, 2 rigid, 2 swivel.

For use in moving KS-13834 perforators.

DRILL, ELECTRIC, 1/4", ALBERTSON & CO. INC.
NO. 1495-WE

Replaced by the Albertson & Co. No. 1495-WE
All-angle Drill

DRILL, ALL-ANGLE, ALBERTSON & CO. NO. 1495-WE



Replaces No. 1495-WE Albertson & Co. Inc.
1/4" Electric Drill.

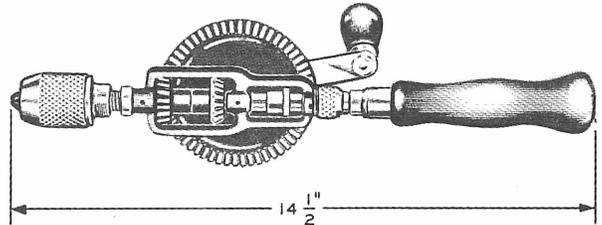
Electric drill: AC-DC, equipped with 3-jaw,
1/4" chuck and chuck key; 12 ft., 3-
conductor cord with 2-prong plug and ground-
ing wire for grounding case of drill.

For general use.

DRILL, HAND, NORTH BROS. MFG. CO. NO. 1441

Replaced by the North Bros. Mfg. Co.
No. 1446 Hand drill.

DRILL, HAND, NORTH BROS. MFG. CO. NO. 1446
(OR EQUIVALENT)



Hand drill - 2 speed, 3-jaw, 3/8" chuck,
drill magazine in handle.

For general use.

DRILL, TWIST, 3 GAUGE

Diameter - 0.213"

For use in N1 Carrier Telephone System.

Drill, TWIST, 11 GAUGE

Diameter - 0.191"

For use in modification of J-rectifiers.

→ Drill, TWIST, 19 GAUGE

Diameter - 0.166"

For use in repairing ladders.

DRILL, TWIST, 20 GAUGE

Diameter - 0.161"

For use in miscellaneous KS-contactors.

DRILL, TWIST, 27 GAUGE

Diameter - 0.144"

For use in modification of J-rectifiers and
miscellaneous KS-contactors.

→ DRILL, TWIST, 28 GAUGE

Diameter - 0.140"

For use in repairing ladders.

DRILL, TWIST, 29 GAUGE

Diameter - 0.136"

For use in repairing vertical drive shafts.

DRILL, TWIST, 31 GAUGE

Diameter - 0.120"

For use in reciprocating bar interrupters.

DRILL, TWIST, 38 GAUGE

Diameter - 0.101"

For use in N1 Carrier Telephone Systems.

DRILL, TWIST, 42 GAUGE

Diameter - 0.093"

For use in repairing vertical drive shafts.

→ DRILL, TWIST, 47 GAUGE

Diameter - 0.0785"

For use in modification of KS-15634 and
KS-15755 type Interrupters.

DRILL, TWIST, 48 GAUGE

Diameter - 0.076"

For use in 101-type relays.

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DRILL, TWIST, 55 GAUGE

Diameter - 0.052"

For use in replacing terminals in cast resin terminal strips.

→ DRILL, TWIST, 60 GAUGE

Diameter - 0.040"

For use in l-type translators.

DRILL, TWIST, 1/16"

For use in replacing terminals in cast resin terminal strips.

DRILL, TWIST, 3/32"

For general use (PBX installation only).

DRILL, TWIST, 1/8"

For use on KS-14593-L1 Message Register Camera.

DRILL, TWIST, 5/32"

For use in N1 Carrier Telephone System.

DRILL, TWIST, 3/16"

For use in N1 Carrier Telephone System.

DRILL, TWIST, 7/32"

For use in N1 Carrier Telephone System and KS-5311 Motor Starting Compensators.

DRILL, TWIST, 1/4"

For use in modification of J-rectifiers.

→ DRILL, TWIST, 5/16"

For use in repairing ladders.

→ DRILL, TWIST, 3/8"

For use in repairing ladders.

DRILL, TWIST, 13/32"

For use in modification of J-rectifier.

DRILL, TWIST, 7/16"

For use in modification of J-rectifier.

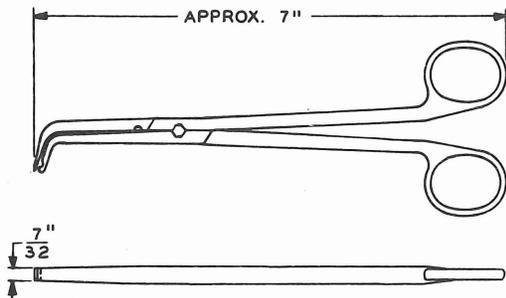
DRILL, TWIST, 15/32"

For use in N1 Carrier Telephone System.

DRILL, TWIST, 1/2"

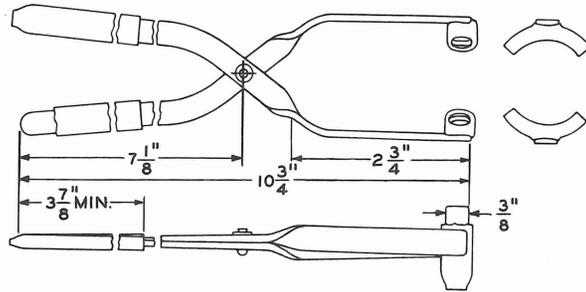
For use in KS-5311 Motor Starting Compensators.

EXTRACTOR, PIN, KS-14457



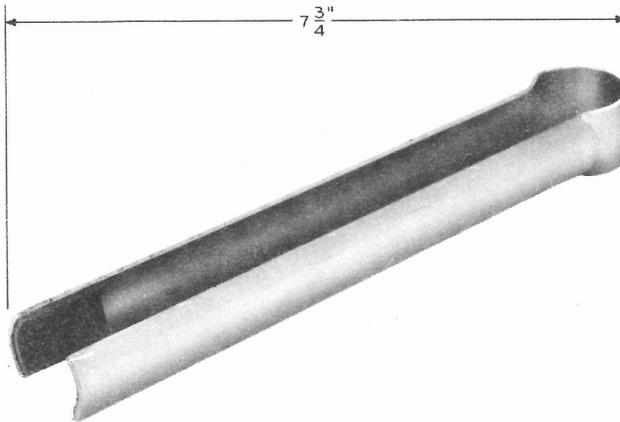
For use in removing and replacing pins in KS-13882 perforators in AMA accounting centers and central offices.

EXTRACTOR, TUBE, KS-5637, L1



For use in extracting No. 373A and No. 374A electron tubes from K2 carrier telephone equipment panels.

EXTRACTOR, TUBE, KS-13753

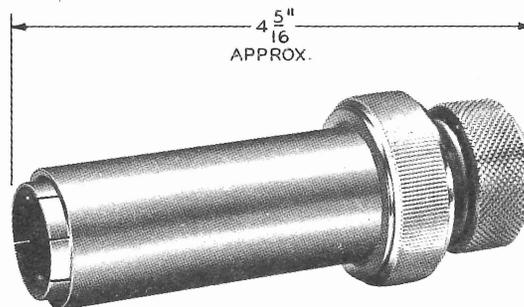


For use in extracting 7-pin and 9-pin miniature electron tubes.

EXTRACTOR, TUBE

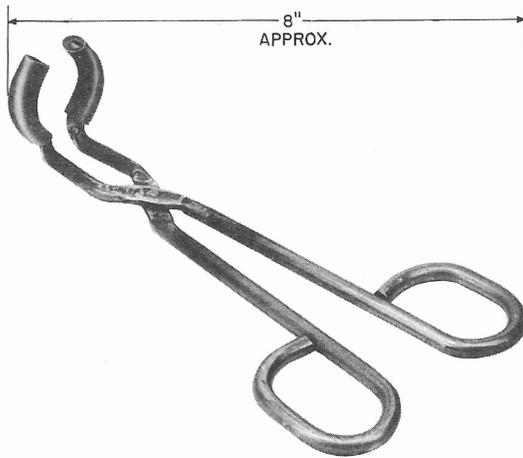
See also PULLERS, AND TOOLS

EXTRACTOR, TUBE, KS-14408



For use in extracting and inserting No. 416A electron tubes.

EXTRACTOR, TUBE, KS-14428

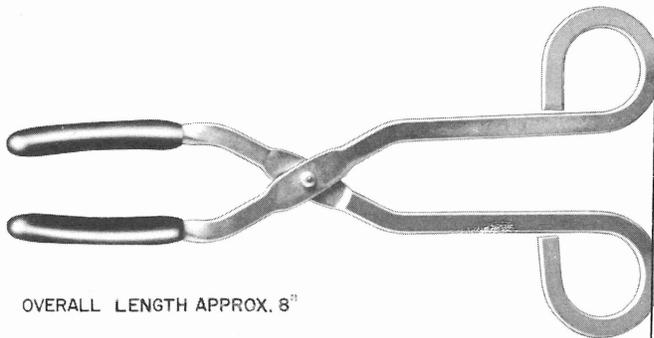


For use in extracting No. 375A and similar type octal base electron tubes and for removing and replacing 89-type resistors.

EXTRACTOR, TUBE, INSULINE CORP. NO. 1001

Replaced by The General Cement Mfg. Co. No. 5092 Tube Extractor.

EXTRACTOR, TUBE, GENERAL CEMENT MFG. CO. NO. 5092



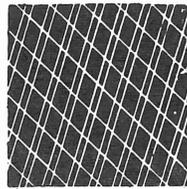
OVERALL LENGTH APPROX. 8"

Replaces the Insuline Corp. No. 1001 Tube Extractor.

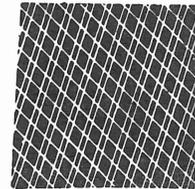
For use in extracting and inserting miniature electron tubes which have deeply recessed sockets or sockets with base shield extensions.

FILES

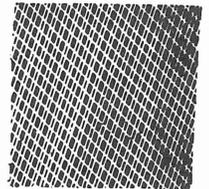
The following figures are enlarged views of the cutting surfaces of the files listed in this section.



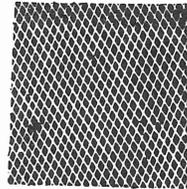
Bastard



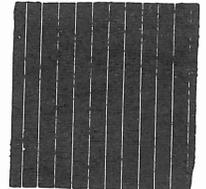
Second



Smooth



Swiss †



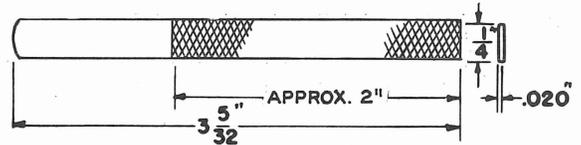
Straight

† Swiss pattern files vary from No. 00 (coarse) to No. 6 (fine).

FILE CARD

See: Brush and File Card

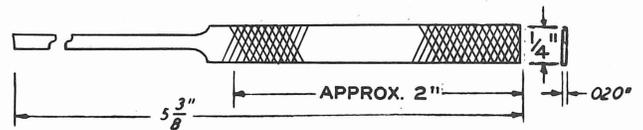
FILE, KS-2662



A No. 6 escapement equaling file, double cut swiss, 3-5/32" long.

For general use.

FILE, KS-2663



A No. 6 escapement equaling file, double cut swiss, 5-3/8" long.

For general use.

FILE, R-1051



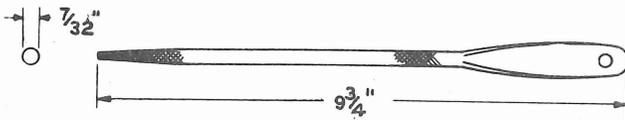
Supplied with file handle.

A Swiss No. 2 cut pillar file 6" long with smooth edges and cross section approximately 23/64" x 5/32".

For general use.

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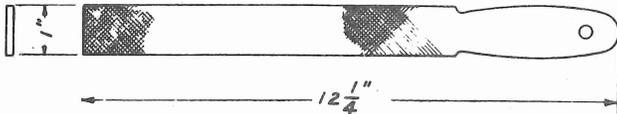
FILE, R-1274



An H-type, round, second cut file.

For general use.

FILE, R-1482



An H-type, combination, double cut bastard and single cut smooth.

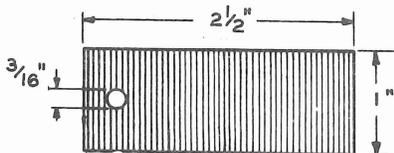
For general use.

FILE, ESCAPEMENT, KNIFE, SWISS, NO. 6 CUT



For use in sharpening the stripping edges of V-notch diagonal pliers.

FILE, FLAT, CARSON-NEWTON CO. NO. 50 (OR EQUIVALENT)



For use on sequence switches.

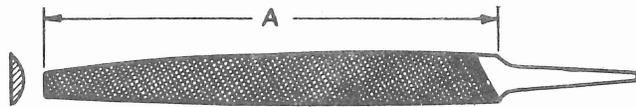
FILE, FLAT, SMOOTH CUT, 6"

This tool forms part of the No. 1002A tool kit.

For use in reconditioning horizontal drive shaft couplings.

FILE, HALF-ROUND

(In ordering, specify length and cut of file desired).



Supplied without file handle

Length (Dim. "A")	Cut	Use
4"	Smooth	118-type relays
6"	Second	General use

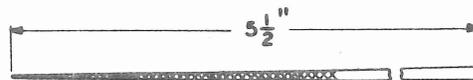
FILE HANDLE

SEE: Handle, File

FILE, NEEDLE, EQUALING, ROUND-HANDLE, SWISS NO. 2 CUT, 6-1/4"

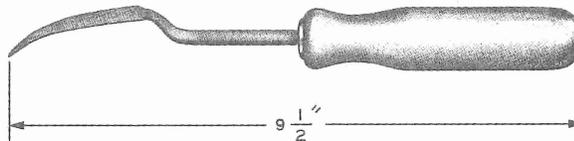
For use on A- and B-type sequence switches.

FILE, NEEDLE, SQUARE, SWISS NO. 0 CUT.



For use in placing dust shields on keys.

FILE, SLOTTING, IDEAL INDUSTRIES NO. 20-009



For use in bevelling commutator slots of motors and generators after undercutting.

FILE, ROUND, ROUND-HANDLE, SWISS NO. 0 CUT, 6-1/4"

For general use.

FILE, ROUND, SMOOTH-CUT, 6"

For use on universal type keys.

FILE, SQUARE, SMOOTH-CUT, 6"

For use on 197- and 198-type switches.