

DRILLS - TAPS - DIES

AIRCRAFT GRADE SUPER COBALT DRILLS

These super cobalt hi-speed jobber length aircraft drill bits feature heavy duty construction to Type J aircraft specifications. Use to drill hard, tough metals, stainless steels, iron based and titanium alloys, and certain plastics. Hardness of cobalt permits speeds 30% over regular H.S.S. drills. Cobalt drills demand rigidly held, positive feed drilling equipment.

| Part No. | Drill Size | Price Ea. | Part No. | Drill Size | Price Ea. |
|----------|------------|-----------|----------|------------|-----------|
| 12-03791 | 55 | --- | 12-04220 | 23 | --- |
| 12-03698 | 51 | --- | 12-14221 | 21 | --- |
| 12-03792 | 44 | --- | 12-04221 | 19 | --- |
| 12-04212 | 42 | --- | 12-04222 | 12 | --- |
| 12-04213 | 41 | --- | 12-04223 | 10 | --- |
| 12-04214 | 40 | --- | 12-04224 | "D" | --- |
| 12-04215 | 36 | --- | 12-04225 | 1/8" | --- |
| 12-04216 | 33 | --- | 12-04226 | 5/32" | --- |
| 12-03793 | 37 | --- | 12-04227 | 3/16" | --- |
| 12-04217 | 30 | --- | 12-04228 | 1/4" | --- |
| 12-04218 | 28 | --- | 12-04229 | 5/16" | --- |
| 12-04219 | 27 | --- | 12-04235 | #35 | --- |



12" LONG DRILL BITS

These 12" long drill bits are for use with standard electric drills for the hard to reach jobs.

| Drill | Size | Part No. | Price |
|-------|---------|----------|-------|
| 3/32" | (.094") | 12-05200 | --- |
| 1/8" | (.125") | 12-05300 | --- |
| 3/16" | (.188") | 12-05400 | --- |
| #10 | (.194") | 12-05500 | --- |
| 1/4" | (.250") | 12-05600 | --- |



MALE THREADED DRILL BITS

Male threaded drill bits of high speed steel screw into female spindle of angle drill or snake drill.

| Drill Size | 10-32 Thread | | 1/4-28 Thread | |
|------------|--------------|-------|---------------|-------|
| | Part No. | Price | Part No. | Price |
| #10 | 12-05701 | --- | 12-05702 | --- |
| #20 | 12-05801 | --- | 12-05802 | --- |
| #21 | 12-05901 | --- | 12-05902 | --- |
| #30 | 12-06001 | --- | 12-06002 | --- |
| #40 | 12-06101 | --- | 12-06102 | --- |

ANGLE DRILL ATTACHMENT

Quickly connects to any drill chuck. Makes a convenient, inexpensive close-quarter tool. 3/16 drill capacity.

Specify threaded spindle size: 5/16-24 (P/N 12-18503), 1/4-28 (P/N 12-18501) or 10-32 (P/N 12-18502)
Angle Drill w/ Key Chuck (1/4-28 Only).....P/N 12-18511



SNAKE DRILL ATTACHMENT

Heavy-duty 90° flexible drilling attachment. Overall length 26". 3 Female threaded spindle sizes.
1/4-28P/N 12-06500
10-32.....P/N 12-06600
w/key chuck (5/32"cap)..P/N 12-06800



CONE JAW CHUCK

Heavy duty yet mini size fits any angle drill or attachment with 1/4" x 28 threads. It's just what you need for close quarter drilling. **Features:** • Capacity from 1/16" to 1/4" 3/4" length, 0.13 lbs • Wrench included.
P/N 12-00245

ANGLE DRILL COLLET & CHUCK KIT

This 10-piece kit gives you 3 different methods of drilling in tight spots. Each shank is 1/4" x 28 which will thread into most drill spindles that angle attachments and angle drills are supplied with. 0.25 lb.
Kit Includes: • (4) #200 collets & adapters - drill sizes 11, 21, 30, & 40 • (4) threaded drill bits (1-1/4" length) - drill sizes: 10,21,30,40 • (1) Cone jaw chuck
Model TP258P/N 12-00368



TAP EXTRACTOR SETS

Remove broken taps and save the threads! Walton Tap Extractors let you remove broken taps without drilling, lasers, damaged threads, scrapped parts or repair inserts. The hardened steel fingers of Walton Tap Extractors fit in the flutes of a broken tap to back it out simply and safely. This effective method has been used since 1908. They are available in every tap size, both inch and metric, as handy sets or individual pieces. The Tap Extractors will fit both NC and NF taps. Sizes: 3/16", 1/4", 5/16", 3/8", 7/16", 1/2" P/N 12-02352

HAND THREAD TAPS

There are three basic types of straight thread taps:
PLUG TAPS - used for ordinary threading and have a 3 to 5-thread chamfer, or relief, at the point.
TAPER TAPS - have 8 to 10 threads chamfered for easy starting and are used for tough threading jobs.
BOTTOMING TAPS - with their short chamfer (1 to 1-1/2 threads), are used where the thread must go to the bottom of the hole.
Specify Plug, Taper or Bottoming Tap.



| Die Size | PLUG TAPS | |
|----------|-----------|------------|
| | Left-Hand | Right-Hand |
| 6-32 | 12-07601 | 12-07701 |
| 8-32 | 12-07801 | 12-07901 |
| 10-32 | 12-08001 | 12-08101 |
| 1/4-28 | 12-08201 | 12-08301 |
| 5/16-24 | 12-08401 | 12-08501 |
| 3/8-24 | 12-08601 | 12-08701 |



| Die Size | TAPER TAPS | |
|----------|------------|------------|
| | Left-Hand | Right-Hand |
| 6-32 | 12-07602 | 12-07702 |
| 8-32 | 12-07802 | 12-07902 |
| 10-32 | -- | 12-08102 |
| 1/4-28 | 12-08202 | 12-08302 |
| 5/16-24 | 12-08402 | 12-08502 |
| 3/8-24 | -- | 12-08702 |

Call for price and availability special order



| Die Size | BOTTOMING TAPS (HIGH-SPEED STEEL) | |
|----------|-----------------------------------|------------|
| | Left-Hand | Right-Hand |
| 6-32 | -- | 12-07703 |
| 8-32 | -- | 12-07903 |
| 10-32 | 12-08003 | 12-08103 |
| 1/4-28 | -- | 12-08303 |
| 5/16-24 | -- | 12-08503 |
| 3/8-24 | -- | 12-08703 |

Call for price and availability special order



DRILLING & TAPPING SETS

13-Piece drilling and tapping set made from special high speed steel. Contains 6 screw machine length drill bits (Nos. 43, 35, 29, 25, 21 and 7), 16 NC taps (4-40, 6-32, 8-32, 10-24, 10-32 and 1/4-20) and one tap wrench. Choice of 135° split point or spiral point drill bits. Set with Split-Point Drill Bits.....P/N 41095

ADJUSTABLE ROUND SPLIT DIES

| Die Size | Die Dia. | Left-Hand | Right-Hand |
|----------|----------|-----------|------------|
| 6-32 | 13/16" | 12-07001 | 12-07002 |
| 8-32 | 13/16" | 12-07101 | 12-07102 |
| 10-32 | 13/16" | 12-07201 | 12-07202 |
| 1/4-28 | 1" | 12-07301 | 12-07302 |
| 5/16-24 | 1" | 12-07401 | 12-07402 |
| 3/8-24 | 1" | 12-07501 | 12-07502 |



ROUND "KNOCK-OUT" PUNCHES & DIES

Save hours of tedious drilling, sawing, filing and hand-fitting. Produce clean, true holes for sockets, controls, instruments. Cut clean, burr-free holes with these easy-to-use tools. Can be operated by ordinary wrench. One punch required for each hole size.

| Punch Size | Model 730 P/N | Price | Punch Size | Model 730 P/N | Price |
|------------|---------------|-------|------------|---------------|-------|
| 1/2" | 12-20905 | --- | 1-1/2" | 12-20950 | --- |
| 5/8" | 12-20910 | --- | 1-5/8" | 12-20955 | --- |
| 3/4" | 12-20915 | --- | 2" | 12-20970 | --- |
| 1" | 12-20925 | --- | 2-1/4" | 304AVBB | --- |
| 1-7/32" | 12-20935 | --- | 3-1/8" | 12-20980 | --- |
| 1-1/4" | 12-20940 | --- | | | |

ROUND DIE STOCK HANDLES

For holding adjustable round split dies. Three set screw pattern. Single piece construction. Die diameter 1" or 13/16".
13/16"P/N 12-04875
1"P/N 12-04876