

FALL SAVINGS

Pneumatic Tapping Machines







All Tapping Units Include:

- Pneumatic tapping spindle
- Stretch arm
- Slanted arm (302799 and 302801 only)
- Table mounting column
- Air unit
- 6 safety clutch tapping adapters



| Model | Tap Capacity (Inch) | Speed (RPM) | Work Range Rmax./Rmin. (Inch) | Approx. Weight (lbs) |
|----------|---------------------|-------------|-------------------------------|----------------------|
| AS-12/II | 0-1/2 | 400 | 55.12/7.87 | 46.30 |
| AT-12/I | 0-1/2 | 400 | 62.99/19.69 | 44.09 |
| AT-20/II | 0-3/4 | 150/400 | 74.8/7.87 | 83.78 |

TAP MAGIC Cutting Fluids – 16 oz. Bottles

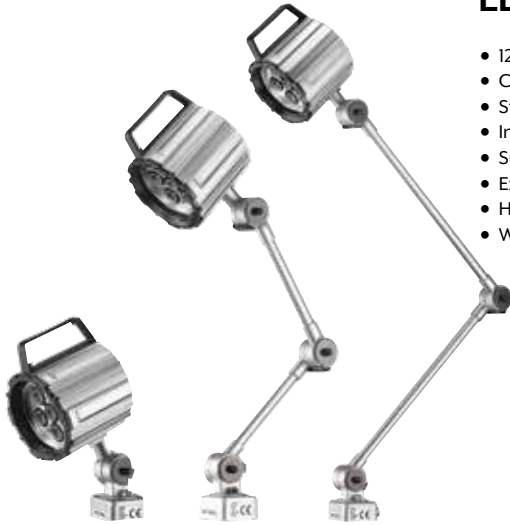
| EP-XTRA | ALUMINUM | XTRA-THICK | PROTAP | AQUEOUS | ECO-OIL |
|---|---|---|---|---|---|
|  |  |  |  |  |  |
| Code 219202 | Code 219210 | Code 219238 | Code 219218 | Code 219225 | Code 219232 |
| 12.99 | 12.99 | 15.99 | 12.99 | 12.99 | 12.99 |
| Ozone-friendly formula that provides outstanding performance on all cuts and all metals | Cutting fluid of choice for work on aluminum, brass, copper, and other soft metals | Heavyweight champion for hard metals – inconel, titanium, stainless... any metal up to 45 HRC | Eco-friendly, biodegradable and can be applied to any and all cutting operations and metals | Eco-friendly, non-corrosive, water-based formula that is easy to clean up and biodegradable | Meets the requirements of NSF's H1 Food Grade certification. Biodegradable with natural oil base that's low in odor and smoke |

YOUR AUTHORIZED KAR DISTRIBUTOR:

FOR QUALITY, VALUE AND SERVICE CALL YOUR KAR DISTRIBUTOR TODAY!

LED Machine Lamps

- 12W LED lamp (6 x 2W LEDs)
- Coolant proof – IP65
- Standard light beam angle: 60°
- Impact resistant clear lens
- Supplied with 1.8 meter power connection cord
- Expected lamp life of 40,000 hours
- Handle on head allows easy positioning
- Working temperature range: -30°C to +60°C



JWL-55RS JWL-55RM JWL-55RL

LED Driver in Lamp Head

- Low voltage power AC24V or DC24V without plug

JWL-55RS – Short
Code 302995

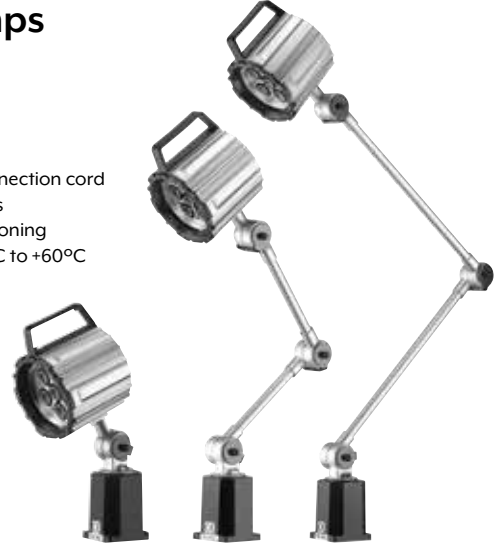
211.13

JWL-55RM – 18”
Code 302996

221.30

JWL-55RL – 32”
Code 302997

225.34



JWL-55NTS JWL-55RNTM JWL-55RNTL

LED Driver in Base

- High voltage power 100V-260V with plug

JWL-55NTS – Short
Code 302992

218.25

JWL-55NTM – 18”
Code 302993

228.04

JWL-55NTL – 32”
Code 302994

232.42

Precision Milling Machine Vises

- FCD-60 ductile iron



6" x 7.5" Opening
Code 277064

526.99



6" x 8.9" Opening
Code 277065

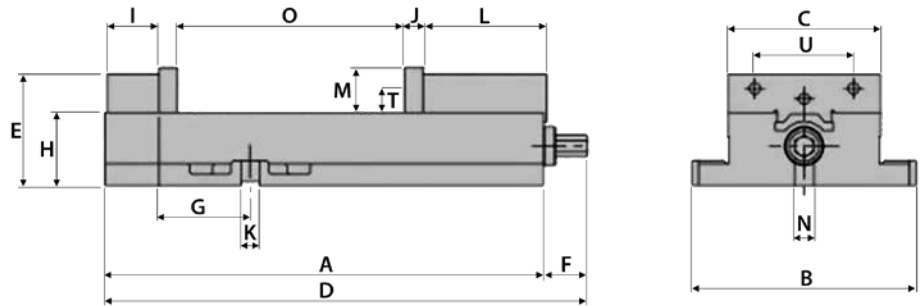
572.49



8" x 10" Opening
Code 277066

1178.71

| Dimensions (Inch) | | | |
|-------------------|---------|---------|--------|
| | 6 x 7.5 | 6 x 8.9 | 8 x 10 |
| A | 17.01 | 17.20 | 21.85 |
| B | 9.25 | 8.74 | 11.61 |
| C | 5.94 | 5.94 | 8.11 |
| D | 18.74 | 18.94 | 24.21 |
| E | 4.37 | 4.37 | 5.28 |
| F | 1.73 | 1.73 | 2.36 |
| G | 4.25 | 3.56 | 4.95 |
| H | 2.88 | 2.88 | 3.31 |
| I | 2.05 | 2.05 | 2.28 |
| J | 0.71 | 0.71 | 0.95 |
| K | 0.69 | 0.69 | 0.81 |
| L | 4.84 | 4.84 | 6.18 |
| M | 1.75 | 1.75 | 2.20 |
| N | 0.75 | 0.75 | 0.75 |
| O | 7.56 | 8.90 | 10.43 |
| T | 0.94 | 0.94 | 1.26 |
| U | 3.87 | 3.87 | 4.72 |
| Weight (lbs) | 79.37 | 80.03 | 150.36 |



| Bed Height from Machine Table | Parallelism of Vise Base to Vise Bed | Vertical of Fixed Jaw to Vise Bed | Clamping Force (lbs) | Code |
|-------------------------------|--------------------------------------|-----------------------------------|----------------------|--------|
| 2.875" ±0.001" | | | 6,700 | 277064 |
| 2.875" ±0.001" | 0.0006" | 0.0005" | 7,900 | 277065 |
| 3.260" ±0.001" | | | 11,600 | 277066 |

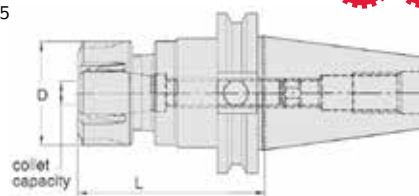




CAT40 ER Collet Chucks

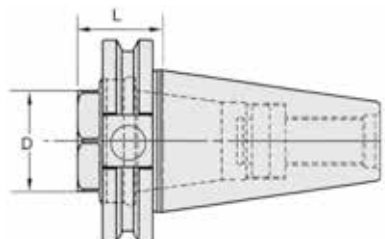


- Constructed of high quality alloy steel - SAE8620/20MnCR5
- Taper to taper runout: <0.0002"
- Coolant through spindle
- CAT40 balanced G2.5@20,000 RPM
- Balanced tools supplied with QA certificates
- Supplied with depth set screws
- Supplied with high torque hard coat power nuts
- Taper shank ground to AT3 accuracy or better
- DIN AD+B flange coolant



Stub

NOTE: Collet wrench sold separately



| Collet Series | Collet Cap Min-Max (Inch) | Nut | D (Inch) | L (Inch) | Weight (lbs) | Code | Price |
|---------------|---------------------------|-----|----------|----------|--------------|--------|--------------|
| ER32 | 0.08-0.81 | Hex | 1.41 | 1.69 | 1.7 | 310988 | 89.99 |

| Collet Series | Collet Cap Min-Max (Inch) | Nut | D (Inch) | L (Inch) | Weight (lbs) | Code | Price |
|---------------|---------------------------|-------|----------|----------|--------------|--------|---------------|
| ER11 | 0.02-0.28 | Hex | 0.79 | 2.50 | 2.0 | 300681 | 89.99 |
| | | | | 4.00 | 2.2 | 300682 | 94.99 |
| | | | | 6.00 | 2.4 | 300683 | 104.50 |
| ER16 | 0.02-0.41 | Hex | 1.10 | 2.50 | 2.4 | 310965 | 89.99 |
| | | | | 4.00 | 3.2 | 310966 | 94.99 |
| | | | | 5.00 | 3.2 | 310967 | 104.50 |
| ER20 | 0.02-0.50 | Hex | 1.34 | 2.50 | 2.4 | 310968 | 89.99 |
| | | | | 4.00 | 3.5 | 310969 | 94.99 |
| | | | | 6.00 | 3.7 | 310970 | 104.50 |
| ER25 | 0.04-0.63 | Round | 1.65 | 2.50 | 2.6 | 310971 | 89.99 |
| | | | | 4.00 | 4.5 | 310972 | 94.99 |
| | | | | 6.00 | 4.4 | 310973 | 104.50 |
| ER32 | 0.04-0.81 | Round | 1.97 | 2.75 | 2.6 | 310974 | 89.99 |
| | | | | 4.00 | 6.8 | 310975 | 94.99 |
| | | | | 6.00 | 4.4 | 310976 | 104.50 |
| ER40 | 0.12-1.00 | Round | 2.48 | 3.00 | 3.0 | 310977 | 89.99 |
| | | | | 6.00 | 3.0 | 310978 | 104.50 |

Drill Press Vises



3" x 2-3/4"
Code 327490

40.39

4" x 3-3/4"
Code 327491

51.54

5" x 4-5/8"
Code 327492

92.08

6" x 5-5/8"
Code 327493

113.10

Power Table Feed



- Smooth running with high torque maximum of 650 in/lb
- New and stronger design assures long trouble-free life
- Electrical and mechanical parts are designed for easy maintenance

Specifications:

Voltage: 110V, 50/60Hz
Speed Range: 4-160 RPM
Rapid Speed: 200 RPM
Max. Torque: 650 lbs/in
Dimensions: 290 x 200 x 320mm
Weight: 6.3kg

Code 302235

799.99

Steel Shot Dead Blow Hammers



- One piece steel construction with steel shot
- Polyurethane coated thermoplastic rubber - no exposed metal on head or handle
- Textured non-slip handle with flanged end for a comfortable and safe grip
- Hammer hardness: 90A-95A

18 oz.
Code 284560

22.51

24 oz.
Code 284561

25.23

33 oz.
Code 284562

31.49

41 oz.
Code 284563

36.01

49 oz.
Code 284564

42.55

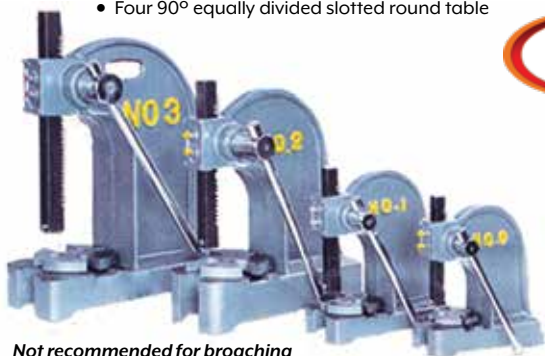
**ALL IN-STOCK
TOGGLE CLAMPS
& ACCESSORIES
20% OFF**

VISIT WWW.KAR.CA
KAR Catalog 17 - pages 431-441

- Vertical Handle
- Vertical Mount
- Horizontal Handle
- Horizontal Mount
- Latch Style
- Hook Style
- Flanged
- Push/Pull Type
- Toggle Pliers
- Adjustable Spindles

Standard Arbor Presses

- Main parts made of ductile cast iron
- Adjustable handle for positioning
- Ram finite control with smooth gears
- Four 90° equally divided slotted round table



Not recommended for broaching

Code 680105

179.47

Code 680110

229.73

Code 680115

430.81

Code 680120

631.83

Code 680130

1866.81

| Base Dimension (Inch) | Press Height (Inch) | Press Tons | Max Work Height (Inch) | Swing (Inch) | Table Diameter (Inch) | Ram Diameter (Inch) | Code |
|-----------------------|---------------------|------------|------------------------|--------------|-----------------------|---------------------|--------|
| 9.25 x 4.02 | 10.0 | 0.5 | 4.5 | 3.3 | 3.5 | 0.75 x 0.75 | 680105 |
| 10.63 x 5.00 | 12.6 | 1 | 4.5 | 4.1 | 4.3 | 1 x 1 | 680110 |
| 15.75 x 6.69 | 17.5 | 2 | 8.5 | 5.3 | 6.7 | 1.25 x 1.25 | 680115 |
| 18.50 x 7.87 | 22.4 | 3 | 12.5 | 5.3 | 6.7 | 1.5 x 1.5 | 680120 |
| 26.77 x 9.84 | 31.5 | 5 | 18.5 | 9.6 | 9.8 | 2 x 2 | 680130 |

Super Indexing Spacers

- Mount on milling machines, drilling machines and other machine tools where an indexing facility is required
- Designed for use in horizontal or vertical positions
- Large center through hole suitable for large and long workpieces
- May be used with 3-jaw chuck
- Rapid indexing and easy operation, sharp for mass production
- Includes 3-jaw chuck, masking plates 2, 3, 4, 6, 8 and 12
- Using the key guide block the center can be corrected quickly and accurately
- In addition to all of the features of the simple indexing spacer, the super indexing spacer incorporates a worm gear and is supplied with a face plate. With the further addition of the optional dividing plate set, it can also be used as a dividing head.
- The worm gear is hardened and precision ground to minimize wear



CS-6
Code 277088

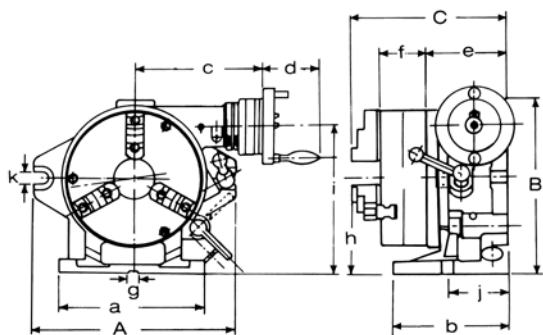
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CS-8
Code 277090

1863.84



Masking Plates



| Model | Chuck | | | | Face Plate | |
|-------|---------------------|----------------|----------------|---------------------|---------------------|----------------|
| | Outer Diameter (mm) | Inner Jaw (mm) | Outer Jaw (mm) | Inner Diameter (mm) | Outer Diameter (mm) | Thickness (mm) |
| CS-6 | 160 | 4-42 | 10-156 | 44 | 203 | 50 |
| CS-8 | 210 | 4-62 | 10-180 | 63 | 254 | 58 |

| Dividable Number | A (mm) | B (mm) | C (mm) | a (mm) | b (mm) | c (mm) | d (mm) | e (mm) | f (mm) | g (mm) | h (mm) | l (mm) | j (mm) | k (mm) | Poids (kg) | Code |
|-----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------------|--------|
| 2, 3, 4, 6, 8, 12, 24 | 250 | 235 | 221 | 220 | 150 | 184 | 82 | 112 | 66 | 16 | 123 | 186 | 80 | 18 | 43.6 | 277088 |
| 2, 3, 4, 6, 8, 12, 24 | 310 | 285 | 243 | 225 | 160 | 201 | 82 | 125 | 75 | 16 | 155 | 232 | 90 | 18 | 78.3 | 277090 |

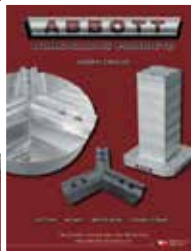
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ABBOTT
WORKHOLDING PRODUCTS

SHORT DELIVERY TIMES

DIRECT FROM THE USA



**COMPLETE LINE
OF ABBOTT
WORKHOLDING
PRODUCTS**





3-Jaw Front Mount Universal Lathe Chucks

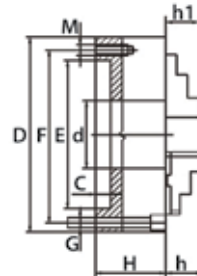


For use on grinders, lathes, rotary tables, indexers and a variety of turning and milling applications where back mounting chucks cannot be used

- PS Series, self-centering
- 2-piece hard reversible jaws
- Semi-steel body, medium duty
- 3 pinion design

Each chuck is provided with:

- 1 set of hard master jaws
- 1 set of hard top reversible jaws
- 1 chuck wrench
- 1 set of mounting bolts
- 2 hex keys
- Eye bolts with 10-32" chucks

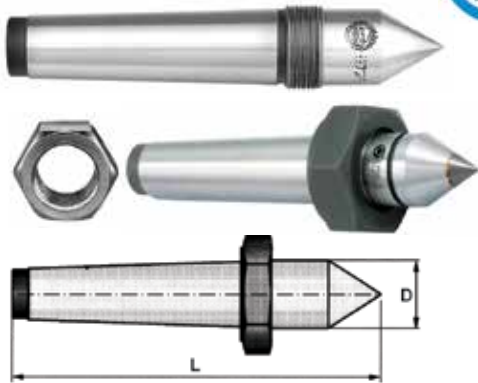


| | | | | |
|---------------|---------------|---------------|----------------|----------------|
| 6 INCH | 8 INCH | 10 INCH | 12 INCH | 16 INCH |
| 548.68 | 725.53 | 982.49 | 1447.28 | 2169.03 |

| Chuck Diameter (Inch) | d Hole Diameter (Inch) | C (Inch) | E (H7) (Inch) | F (Inch) | H (Inch) | h (Inch) | h1 (Inch) | G Screw Thread | M Bolt Thread | Model | Code |
|-----------------------|------------------------|----------|---------------|----------|----------|----------|-----------|----------------|---------------|-------------|--------|
| 6 | 1.65 | 0.16 | 4.92 | 5.51 | 2.56 | 1.69 | 1.26 | 3/8-16 x 2.76 | M10 | PS3-6"A(F) | 410000 |
| 8 | 2.17 | 0.16 | 6.30 | 6.93 | 2.95 | 1.77 | 1.14 | 3/8-16 x 3.15 | M10 | PS3-8"A(F) | 410001 |
| 10 | 2.99 | 0.20 | 7.87 | 8.82 | 3.35 | 2.09 | 1.34 | 1/2-13 x 3.54 | M12 | PS3-10"A(F) | 410002 |
| 12 | 4.06 | 0.20 | 10.24 | 11.26 | 3.70 | 2.24 | 1.69 | 5/8-11 x 3.94 | M16 | PS3-12"A(F) | 410004 |
| 16 | 5.35 | 0.20 | 12.99 | 14.25 | 4.13 | 2.64 | 2.16 | 5/8-11 x 4.53 | M16 | PS3-16"A(F) | 410005 |

Dead Centers with Nut

- Alloy steel with solid centers

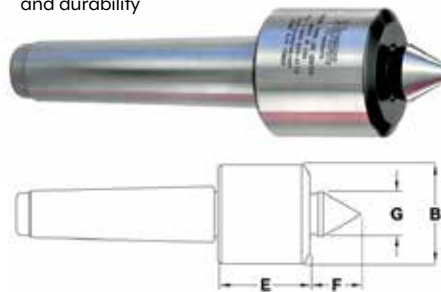


| Morse Taper | L (Inch) | D (Inch) | Alloy Steel | | Carbide Tipped | |
|-------------|----------|----------|-------------|--------|----------------|--------|
| | | | Code | Price | Code | Price |
| 1 | 3.54 | 0.48 | 826323 | 74.71 | 826329 | 87.71 |
| 2 | 4.41 | 0.71 | 826324 | 87.71 | 826330 | 97.46 |
| 3 | 5.43 | 0.95 | 826325 | 107.21 | 826331 | 130.85 |
| 4 | 6.89 | 1.24 | 826326 | 154.29 | 826332 | 178.67 |
| 5 | 8.54 | 1.76 | 826327 | 220.89 | 826333 | 224.15 |
| 6 | 11.42 | 2.51 | 826328 | 449.91 | 826334 | 410.93 |

Value-Turn Live Centers



- A sturdy low-cost center designed for general medium-duty turning applications
- ±0.00005" total indicator runout guaranteed
- Precision three-bearing design enables live center to achieve high RPM's and solid load ratings
- Head is hardened for strength and durability



| | |
|---------------|---------------|
| Code 826258 | Code 826259 |
| 392.08 | 423.13 |
| Code 826260 | Code 826261 |
| 512.42 | 575.82 |

| Morse Taper | B (Inch) | E (Inch) | F (Inch) | G (Inch) | Maximum RPM | Weight of Workpiece (lbs) | Thrust Load (lbs) | Code |
|-------------|----------|----------|----------|----------|-------------|---------------------------|-------------------|--------|
| 2 | 1-11/16 | 1-9/16 | 7/8 | 3/4 | 5000 | 390 | 3730 | 826258 |
| 3 | 1-11/16 | 1-9/16 | 7/8 | 3/4 | 5000 | 390 | 3730 | 826259 |
| 4 | 2-7/16 | 2-1/32 | 1-3/16 | 1-1/8 | 4500 | 750 | 4990 | 826260 |
| 5 | 2-7/16 | 2-1/32 | 1-3/16 | 1-1/8 | 4500 | 750 | 4990 | 826261 |

* Maximum recommended RPM operating limit: Operating above the speed could result in heat build-up and accelerated bearing wear

>>> **SPECIAL PRICE** >>>

Granite Surface Plate
12" x 18" Toolroom Grade B

MORE SIZES AVAILABLE



99.99

LIMITED QUANTITIES

| Thickness | Overall Accuracy | Weight |
|-------------------------|------------------|---------------|
| 4" | ± 0.0001" | 98 lbs/44 kgs |
| 12" x 18" Code 847106 | | |



FOR QUALITY, VALUE AND SERVICE CALL YOUR KAR DISTRIBUTOR TODAY!

←INSIZE→ TOOLS THAT MEASURE UP

Electronic Microscope with Standard Stand



- Records photos and video
- Supplied with measuring software (requires Windows XP SP2, Vista, Windows 7, 8 or 10 operating system)
- Data export to CAD or Microsoft Excel
- Magnification: 10X to 200X
- Pixels: Standard – 1.3M (resolution: 1280x1024)
- Built-in adjustable LED
- Power supply: USB 2.0 cable (voltage required: 5±0.1V)

Includes one of each: Microscope, Stand, White/Black plate, Focus support ring 80X/150X, Focus support ring 60X/200X, Calibration rule (graduation 0.1mm), Calibration rule (graduation 1mm), ISM-PRO software CD

| Magnification (Inch) | Focus Distance (Inch) | View Field (Inch) | Accuracy (Inch) |
|----------------------|-----------------------|-------------------|-----------------|
| 50x | 0.83 | 0.32 x 0.25 | 0.0012 |
| 100x | 0.51 | 0.15 x 0.12 | 0.0006 |
| 150x | 0.63 | 0.10 x 0.08 | 0.0004 |
| 200x | 0.75 | 0.07 x 0.06 | 0.0003 |



Measuring Tool Set Caliper, Micrometer & Rule

- Set Includes:
 - 1) Electronic caliper (INSIZE #1108-150), range 0-6"/0-150mm, resolution 0.0005"/0.01mm
 - 2) Outside micrometer (INSIZE #3202-1), range 0-1", graduation 0.0001"
 - 3) Rule (INSIZE #7110-150), 0-6"/0-150mm, graduations – inch: 1/32", 1/64" and 1/16", metric: 0.5mm and 1mm, made of flexible stainless steel
- Supplied in fitted storage case



Code 284514

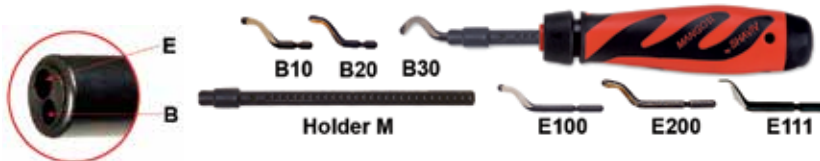
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EXCLUSIVELY AVAILABLE FROM KAR IN CANADA 🍁

Mango II Set M

- Straight Edge
- Hole Edge
- Cross-Hole Both Edges

- Deburrs holes, slots and edges of steel, aluminum, copper, brass, cast iron, stainless steel, and plastics
- Mango II handle for maximum comfort
- Holder M supports both B and E blades



Mango II Set M | Code 550605

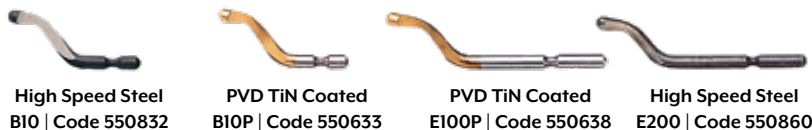
26.99

SHAVIV
Leading Deburring Solutions



B & E Blades

SHAVIV
Leading Deburring Solutions



High Speed Steel
B10 | Code 550832

PVD TiN Coated
B10P | Code 550633

PVD TiN Coated
E100P | Code 550638

High Speed Steel
E200 | Code 550860

1.30

2.53

3.13

1.64

Screw Extractor Set

MICHIGAN
DRILL & CUTTING TOOLS

- For removing broken screws, studs, pipe fittings, etc., without damaging the threads
- Spiral/Helical flutes
- 5 piece set - Sizes 1 to 5



Code 311508

13.15

SHAVIV
Leading Deburring Solutions

EXCLUSIVELY AVAILABLE FROM KAR IN CANADA 🍁



3 Flute Metric Countersinks



- Cobalt M35 – Uncoated and TiN Coated
- 82° included angle
- Wide flutes provide good chip evacuation; positive cut; constant profile aids regrinding of the tool; self-centering of the cutting mill (three bearing points); virtually eliminates vibration
- Dimensions are adapted so as to sink 90 degree screw caps up to M12 (Lubricating recommended)
- Diameter 12.4 to 31 = 3 flatted shanks

| D Ø Overall (mm) | d Ø Shank (mm) | Chamfer Range Min-Max (mm) | L OAL (Inch) | Series 434 Cobalt M35 | | Series 4834 TiN Coated | |
|------------------------|----------------------|-------------------------------------|--------------------|-----------------------|--------|------------------------|--------|
| | | | | Code | Price | Code | Price |
| 10.4 | 6 | 2.5 - 10.4 | 2 | 540311 | 36.12 | 540361 | 34.73 |
| 16.5 | 10 | 3.2 - 16.5 | 2-1/4 | 540312 | 52.82 | 540362 | 51.07 |
| 20.5 | 10 | 3.5 - 20.5 | 2-1/2 | 540313 | 59.27 | 540363 | 60.16 |
| 25.0 | 10 | 3.8 - 25.0 | 2-5/8 | 540314 | 72.29 | 540364 | 78.86 |
| 31.0 | 12 | 4.2 - 31.0 | 2-3/4 | 540315 | 107.49 | 540365 | 102.43 |

Combined Drills & Countersinks



- High Speed Steel M2
- 60° plain type

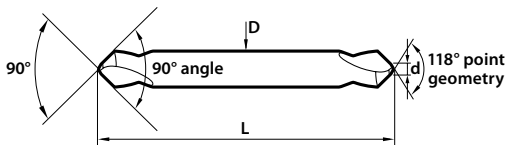


| Size | Ø Body (Inch) | Ø Point (Inch) | Point Length (Inch) | OAL (Inch) | Series 115 HSS M2 | |
|-------|------------------|-------------------|---------------------------|---------------|-------------------|--------|
| | | | | | Code | Price |
| 000 | 1/8 | 0.020 | 1/32 | 1-1/4 | 540599 | 8.56 |
| 00 | 1/8 | 0.025 | 1/32 | 1-1/4 | 540600 | 8.15 |
| 0 | 1/8 | 1/32 | 3/64 | 1-1/4 | 540610 | 7.52 |
| 1 | 1/8 | 3/64 | 1/16 | 1-1/4 | 540611 | 7.38 |
| 2 | 3/16 | 5/64 | 7/64 | 1-7/8 | 540612 | 7.72 |
| 3 | 1/4 | 7/64 | 9/64 | 2 | 540613 | 8.23 |
| 4 | 5/16 | 1/8 | 5/32 | 2-1/8 | 540614 | 9.45 |
| 4-1/2 | 3/8 | 9/64 | 3/16 | 2-1/2 | 540604 | 12.34 |
| 5 | 7/16 | 3/16 | 1/4 | 2-3/4 | 540615 | 13.77 |
| 6 | 1/2 | 7/32 | 19/64 | 3 | 540616 | 17.70 |
| 7 | 5/8 | 1/4 | 5/16 | 3-1/4 | 540617 | 33.81 |
| 8 | 3/4 | 5/16 | 13/32 | 3-1/2 | 540618 | 54.97 |
| 9 | 7/8 | 11/32 | 7/16 | 3-5/8 | 540619 | 103.11 |
| 10 | 1 | 3/8 | 1/2 | 3-3/4 | 540598 | 113.60 |

90° CNC Spotting Drill Sets



- HSS-E Cobalt and RED-X
- 90° angle
- 118° point geometry offers improved penetration rates while reinforcing the point
- Double ended for cost savings
- Available in 4-Piece sets or sold individually
- RED-X coating provides increased speeds and feeds and allows machining up to 55 HRC



| D (Inch) | d (Inch) | L (Inch) | Series 019 HSS-E Cobalt | Series 0919 RED-X Coated |
|-------------|-------------|-------------|-------------------------|--------------------------|
| 3/16 | 1/16 | 2 | 4-Piece Code 540090 | 4-Piece Code 540095 |
| 1/4 | 3/32 | 2 | 61.47 | 88.62 |
| 3/8 | 9/64 | 3 | | |
| 1/2 | 3/16 | 4 | | |

>>> ON SALE NOW <<<



>>> ALL IN-STOCK <<<



HIGH PERFORMANCE V7 INOX END MILLS



>>> MICROGRAIN SOLID CARBIDE – NANO AITIN COATED <<<

>>> 4 FLUTE – REGULAR & LONG LENGTH <<<

>>> SQUARE END & CORNER RADIUS <<<

>>> INCH & METRIC <<<

- Minimizes tool deflection
- Low amplitude – eliminates vibration
- Allows deeper cuts and faster speeds
- Increases metal removal rates
- Supreme surface finish
- For machining of most materials under 40HRC

1/8 Inch
Code 888000

15.03

1/2 Inch
Code 888024

62.36

4 mm
Code 888058

23.42

10 mm
Code 888066

47.06

MORE SIZES AVAILABLE ON SALE

>>> VISIT WWW.KAR.CA <<<
KAR Catalog 17 - pages 132-133

APKT Milling Inserts



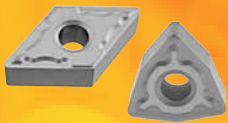
| Type | Grade | Ø I.C. (Inch) | Width (Inch) | Thickness (Inch) | Radius (Inch) | Code | Price |
|----------------|-------|---------------|--------------|------------------|---------------|--------|----------|
| APKT100305PDTR | YG602 | 0.525 | 0.264 | 0.143 | 0.020 | 577570 | 7.75/ea. |
| APKT100308PDTR | | 0.525 | 0.264 | 0.143 | 0.031 | 577571 | |
| APKT160404PDTR | | 0.672 | 0.370 | 0.207 | 0.016 | 577572 | 9.15/ea. |
| APKT160408PDTR | | 0.672 | 0.370 | 0.207 | 0.031 | 577573 | |
| APKT160412PDTR | | 0.672 | 0.370 | 0.207 | 0.472 | 577574 | |
| APKT160416PDTR | | 0.672 | 0.370 | 0.207 | 0.063 | 577575 | |

60% OFF CLEARANCE INSERTS

Turning Inserts



| Description | Type | Grade | Chipbreaker | Length (Inch) | Ø I.C. (Inch) | Thickness (Inch) | Ø Hole (Inch) | Radius (Inch) | Code | Price |
|--|------------|----------------------|-------------|---------------|---------------|------------------|---------------|---------------|--------|-------|
| Negative 55° Rhombic | DNMG331-DF | YBM251 CVD Coated | DF | - | 0.375 | 0.187 | - | 0.016 | 574040 | 3.75 |
| Negative 55° Rhombic for Finishing Stainless Steel | DNMG331-EF | YBG203 | EF | 0.457 | 0.375 | 0.187 | 0.150 | 0.016 | 574131 | 3.75 |
| | DNMG332-EF | YBG203 | EF | 0.457 | 0.375 | 0.187 | 0.150 | 0.031 | 574133 | 3.75 |
| | DNMG441-EF | YBG203 | EF | 0.610 | 0.500 | 0.250 | 0.203 | 0.016 | 574134 | 6.50 |
| | DNMG442-EF | YBG203 | EF | 0.610 | 0.500 | 0.250 | 0.203 | 0.031 | 574156 | 6.50 |
| | DNMG441-E | YBG302 | EF | 0.610 | 0.500 | 0.250 | 0.203 | 0.016 | 574130 | 6.50 |
| Negative 55° Rhombic for Medium Machining of Stainless Steel | DNMG431-EM | YBG203 | EM | 0.610 | 0.500 | 0.187 | 0.203 | 0.016 | 574145 | 5.50 |
| | DNMG441-EM | YBG203 | EM | 0.610 | 0.500 | 0.250 | 0.203 | 0.016 | 574151 | 5.00 |
| Negative 55° Rhombic for Medium Machining | DNMG332-PM | YBC251 CVD Coated | PM | 0.457 | 0.375 | 0.187 | 0.150 | 0.031 | 574064 | 3.75 |
| Negative 55° Rhombic for Roughing | DNMM443-DR | YBC351 CVD Coated | DR | 0.610 | 0.500 | 0.250 | 0.203 | 0.047 | 574176 | 5.50 |
| Negative Trigon for Finishing Stainless Steel | WNMG331-EF | YBG203 | EF | 0.256 | 0.375 | 0.187 | 0.150 | 0.016 | 575941 | 2.50 |
| Negative 80° Trigon for Finishing | WNMG433-DF | YBC251 CVD Coated | DF | 0.343 | 0.500 | 0.187 | 0.203 | 0.047 | 575985 | 3.75 |
| Negative 80° Trigon for Medium Machining | WNMG433-DM | YBC351 CVD Coated | DM | 0.343 | 0.500 | 0.187 | 0.203 | 0.047 | 575705 | 3.75 |
| | WNMG433-DM | YBC351 CVD Coated | DM | 0.343 | 0.500 | 0.187 | 0.203 | 0.047 | 575739 | 4.75 |



- Double sided
- Negative rake

| Description | Type | Grade | Chipbreaker | Radius (Inch) | Code | Price |
|----------------------|---------|-------|--------------|---------------|---------|-------|
| Negative 55° Rhombic | DNMG432 | TK2 | 97 Rough | 0.031 | 5717026 | 5.50 |
| Trigon | WNMG431 | TK2 | 93 Finishing | 0.015 | 5713092 | 4.25 |
| | WNMG433 | TK7 | 95 Medium | 0.047 | 5715097 | 2.50 |
| | WNMG433 | TK7 | 97 Rough | 0.047 | 5717097 | 5.50 |

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