#### MANUAL FEED MAGNETIC BASE DRILL LO-3550

- Super lightweight 8.7kg
- Compact size (230 x 316mm)
- Needs 65mm web or flange width for drilling
- Designed to improve drilling in confined spaces and elevated locations
   Smart LED sensor technology
- Reversible feed handles
- 35mmø capacity, through 50mm plat
- 6mm minimum plate thickness
- Adjustable drilling positions (10mm right / left and front / back)

| Power                  | No Load | Hole     | Plate     | Magnet        | Weight |
|------------------------|---------|----------|-----------|---------------|--------|
| Source                 | Speed   | Diameter | Thickness | Holding Power |        |
| 220~240V AC<br>50/60HZ | 950rpm  | 12-35mm  | 6-50mm    | 561kg/f       | 8.7kg  |

#### MANUAL FEED MAGNETIC BASE DRILL A0-5575A

- Manual feed
- Smooth cutting of deep & large holes
- Advanced motor design
- Fail-safe restart
- 1020 kg/f double rectangular magnet
- Built-in motion sensor
- Reversible feed handles
- Magnetic open-circuit sensor
- Overload shutdown
- One-touch arbor
- Built-in coolant tank
- Supplied in sturdy carry case

| Rated Power<br>Consumption |        | Hole<br>Diameter | Plate<br>Thickness | Magnet<br>Holding Power | Weight |
|----------------------------|--------|------------------|--------------------|-------------------------|--------|
| 950W                       | 520rpm | 12-55mm          | 9-75mm             | 1,020kg/f               | 17.5kg |

#### MANUAL FEED MAGNETIC BASE DRILL ARA-100A

- Manual feed- 2 gear
- Variable speed motor
- Cuts 18mmø 100mmø thru up to 75mm plate thickness
- Fail-safe restart
- LED load indication
- Automatic overload stop
- Built-In motion and magnet open-circuit sensor
- Reversible feed handles and drilling position adjustment
- Capable of drilling up to 32mm with twist drills and up to 100mm with annular cutters.

| ate | for use of twist drills up to 13mm diameter |
|-----|---|
|     |   |

ATRAACE

ATRAACE

ATRAACE

- Complete with coolant system

MANUAL FEED MAGNETIC

- New improved overload protection with

**BASE DRILL** 

- Manual feed

LED indicator

- Advanced motor design

- Magnet switch protector

WO-3250A

- Supplied in sturdy carry case

- Cuts up to 32mmø thru 50mm plate

- Unique design allows easy conversion



ATRAACE

| Rated Power<br>Consumption |        | Hole<br>Diameter | Plate<br>Thickness | Magnet<br>Holding Power | Weight |
|----------------------------|--------|------------------|--------------------|-------------------------|--------|
| 950W                       | 530rpm | 12-32mm          | 9-50mm             | 900kg/f                 | 13kg   |

#### AUTOMATIC FEED MAGNETIC BASE DRILL WA-5000

- Automatic feed, can be operated in manual
- Powerful two speed drill 350 / 650 rpm
- Superior 75mm deep hole drilling
- Fail-safe restart
- Built-in motion sensor
- Magnetic open-circuit sensor
- Advanced drill control
- Complete with coolant tank
- Supplied in sturdy carry case



ATRAACE

ATRAACE

| Rated Power | No Load        | Hole     | Plate     | Magnet        | Weight |
|-------------|----------------|----------|-----------|---------------|--------|
| Consumption | Speed          | Diameter | Thickness | Holding Power |        |
| 1,150W      | 350-<br>650rpm | 14-50mm  |           | 1,000kg/f     | 23kg   |

#### AUTOMATIC FEED MAGNETIC BASE DRILL QA-6500

- Fully automatic feed, can be used in manual
- Superior 50mmø deep hole drilling -
- automatically cuts holes from 14mm 65mm - Auto feed controlled by microcomputer, adjusting feed and speed
- Boosts productivity
- Powerful two speed drill motor 400/750 RPM
   Cutting load can be observed by detailed load indicator LED system

| Rated Power<br>Consumption |                | Hole<br>Diameter | Plate<br>Thickness | Magnet<br>Holding Power | Weight |
|----------------------------|----------------|------------------|--------------------|-------------------------|--------|
| 1,010W                     | 400-<br>750rpm | 14-65mm          | 9-50mm             | 1,00kg/f                | 26kg   |

| Rated Power | No Load        | Hole           | Plate     | Magnet        | Weight |
|-------------|----------------|----------------|-----------|---------------|--------|
| Consumption | Speed          | Diameter       | Thickness | Holding Power |        |
| 1800W       | 110-<br>660rpm | 17.5-<br>100mm | 9-75mm    | 1,733kg/f     | 30kg   |

# **CUTTING TOOLS AND EQUIPMENT**

#### ANNULAR CUTTERS 25 & 50mm Cut Depth

Sutton Tools Annular Cutters are an industrial quality cutting solution for use with magnetic base drilling machines. Suitable for cutting steel, stainless steel and other ferrous metals along with aluminium and other non-ferrous metals.

#### Features

- Made from M2 High Speed Steel (HSS) Offers the best combination of strength, heat and wear resistance.
- Titanium Aluminium Nitride (TiAIN) Coated: Increases surface hardness further improving performance. Reduces heat and friction during the cutting process.
- 19.05mm (3/4") Universal Multi-• Fit Shank: Features two flats and two pin holes enabling fitment to both standard and quick-change magnetic base drilling machines.

Made From HSS For heat and wear resistance

> **TiAIN Coated** For increased surface hardness and longer tool life





| Diameter<br>mm | Cutting<br>Depth<br>mm | Item #    | Diameter<br>mm   | Cutting<br>Depth<br>mm | ltem #    | Diameter<br>mm   | Cutting<br>Depth<br>mm | Item #    |
|----------------|------------------------|-----------|------------------|------------------------|-----------|------------------|------------------------|-----------|
| 12             | 25                     | H180 0120 | 55               | 25                     | H180 0550 | 37               | 50                     | H181 0370 |
| 13             | 25                     | H180 0130 | 56               | 25                     | H180 0560 | 38               | 50                     | H181 0380 |
| 14             | 25                     | H180 0140 | 57               | 25                     | H180 0570 | 39               | 50                     | H181 0390 |
| 16             | 25                     | H180 0160 | 58               | 25                     | H180 0580 | 40               | 50                     | H181 0400 |
| 17             | 25                     | H180 0170 | 59               | 25                     | H180 0590 | 41               | 50                     | H181 0410 |
| 18             | 25                     | H180 0180 | 60               | 25                     | H180 0600 | 42               | 50                     | H181 0420 |
| 20             | 25                     | H180 0200 | 61               | 25                     | H180 0610 | 43               | 50                     | H181 0430 |
| 22             | 25                     | H180 0220 | 62               | 25                     | H180 0620 | 44               | 50                     | H181 0440 |
| 24             | 25                     | H180 0240 | 63               | 25                     | H180 0630 | 45               | 50                     | H181 0450 |
| 25             | 25                     | H180 0250 | 64               | 25                     | H180 0640 | 46               | 50                     | H181 0460 |
| 26             | 25                     | H180 0260 | 65               | 25                     | H180 0650 | 47               | 50                     | H181 0470 |
| 28             | 25                     | H180 0280 | Pilot Pin to sui | t 25mm cut de          | pth       | 48               | 50                     | H181 0480 |
| 30             | 25                     | H180 0300 | 6.34             |                        | H180 0063 | 49               | 50                     | H181 0490 |
| 32             | 25                     | H180 0320 | 12               | 50                     | H181 0120 | 50               | 50                     | H181 0500 |
| 33             | 25                     | H180 0330 | 13               | 50                     | H181 0130 | 51               | 50                     | H181 0510 |
| 34             | 25                     | H180 0340 | 14               | 50                     | H181 0140 | 52               | 50                     | H181 0520 |
| 35             | 25                     | H180 0350 | 16               | 50                     | H181 0160 | 53               | 50                     | H181 0530 |
| 36             | 25                     | H180 0360 | 17               | 50                     | H181 0170 | 54               | 50                     | H181 0540 |
| 37             | 25                     | H180 0370 | 18               | 50                     | H181 0180 | 55               | 50                     | H181 0550 |
| 38             | 25                     | H180 0380 | 20               | 50                     | H181 0200 | 56               | 50                     | H181 0560 |
| 39             | 25                     | H180 0390 | 22               | 50                     | H181 0220 | 57               | 50                     | H181 0570 |
| 40             | 25                     | H180 0400 | 24               | 50                     | H181 0240 | 58               | 50                     | H181 0580 |
| 42             | 25                     | H180 0420 | 25               | 50                     | H181 0250 | 59               | 50                     | H181 0590 |
| 45             | 25                     | H180 0450 | 26               | 50                     | H181 0260 | 60               | 50                     | H181 0600 |
| 46             | 25                     | H180 0460 | 28               | 50                     | H181 0280 | 61               | 50                     | H181 0610 |
| 48             | 25                     | H180 0480 | 30               | 50                     | H181 0300 | 62               | 50                     | H181 0620 |
| 50             | 25                     | H180 0500 | 32               | 50                     | H181 0320 | 63               | 50                     | H181 0630 |
| 51             | 25                     | H180 0510 | 33               | 50                     | H181 0330 | 64               | 50                     | H181 0640 |
| 52             | 25                     | H180 0520 | 34               | 50                     | H181 0340 | 65               | 50                     | H181 0650 |
| 53             | 25                     | H180 0530 | 35               | 50                     | H181 0350 | Pilot Pin to sui | t 50mm cut de          | epth      |
| 54             | 25                     | H180 0540 | 36               | 50                     | H181 0360 | 6.34             |                        | H181 0063 |
|                |                        |           |                  |                        |           |                  |                        |           |

# suttontools

#### **20MM SPEED CUTTERS**

- Designed and made in Australia
- 'One-Touch' shank suits most Atra Ace models and most other brands
- New thin wall design, superior heat treatment and advanced geometry for making holes FAST

| · · · · · · · · · · · · · · · · · · · |           |             |           |
|---------------------------------------|-----------|-------------|-----------|
| Cutter Dia.                           | Model No. | Cutter Dia. | Model No. |
| 12mm                                  | OT12206   | 20mm        | OT20206   |
| 13mm                                  | OT13206   | 21mm        | OT21206   |
| 14mm                                  | OT14206   | 22mm        | OT22206   |
| 15mm                                  | OT15206   | 23mm        | OT23206   |
| 16mm                                  | OT16206   | 24mm        | OT24206   |
| 17mm                                  | OT17206   | 25mm        | OT25206   |
| 18mm                                  | OT18206   | 26mm        | OT26206   |
| 19mm                                  | OT19206   | 27mm        | OT27206   |

#### 25MM & 50MM DEPTH OF CUT **HIGH SPEED STEEL CUTTERS**

- Made in Australia
- Made of quality high speed steel - No tools needed for replacement with
- AtraAce Machines
- Self-centering to extend cutter life - Single pass cutting needs no pilot hole
- Only the edge of the hole is cut, thus
- reducing drilling time

49mm

50mm

OT49258

OT50258

- Produces less swarf than conventional drilling



#### COUNTERSINK

- Designed and made in Australia for Australia - 45° 10-30mm capacity
- C8 8% Cobalt material for superior durability
- Suitable for all metals including hard metals
- Designed for use in ATRA ACE machines

| Model No  | Capacity    |
|-----------|-------------|
| OT10-30CS | 10mm - 30mm |

#### **IMPERIAL SIZE CUTTERS**





| Model No         | Cutter Diameter |
|------------------|-----------------|
| IMP1/2"X25X6MM   | 1/2" X 25mm     |
| IMP5/8"X25MMX8MM | 5/8" x 25mm     |
| IMP3/4"X25MMX8MM | 3/4" x 25mm     |
| IMP1"X25X8MM     | 1" x 25mm       |
|                  |                 |

#### **75MM DEPTH OF CUT** HIGH SPEED STEEL CUTTERS



- Designed and made in Australia - 'One-Touch' shank suits most Atra Ace models & most other brands
- New thin wall design with superior heat treatment

| Cutter Dia. | Model No. | Cutter Dia. | Model No. |
|-------------|-----------|-------------|-----------|
| 18mm        | OT18758   | 26mm        | OT26758   |
| 19mm        | OT19758   | 27mm        | OT27758   |
| 20mm        | OT20758   | 28mm        | OT28758   |
| 21mm        | OT21758   | 29mm        | OT29758   |
| 22mm        | OT22758   | 30mm        | OT30758   |
| 23mm        | OT23758   | 31mm        | OT31758   |
| 24mm        | OT24758   | 32mm        | OT32758   |

#### **BHM JETBROACH HOLDERS**

- To fit Morse taper machines, allowing use of Annular cutters

- 30% faster than standard twist drilling Available to suit Morse Taper 2, 3 and 4



| Model No | Specifications    | Morse Taper    |
|----------|-------------------|----------------|
| BHM02035 | 35Ø - 35 Capacity | #2 Morse Taper |
| BHM03050 | 65Ø - 50 Capacity | #3 Morse Taper |
| BHM13075 | 50-100Ø x 75 DOC  | #3 Morse Taper |
| BHM14075 | 50-100Ø x 75 DOC  | #4 Morse Taper |

#### **TUNGSTEN CARBIDE TIPPED** ANNULAR CUTTER

- Can be run at higher feed and speeds to

produce excellent quality and accuracy of holes

- No dead points

| • | Peripheral cutting |                             |  |  |  |
|---|--------------------|-----------------------------|--|--|--|
|   |                    | Sizes Available             |  |  |  |
|   | DxL - Diam.        | 12 - 17 x 25mm (L)          |  |  |  |
|   | DxL - Diam.        | 18 - 35 x 35mm (L)          |  |  |  |
|   | DxL - Diam.        | 12 - 65 x 50mm (L)          |  |  |  |
|   | DxL - Diam.        | 18 - 55 x 75mm (L)          |  |  |  |
|   | DxL - Diam.        | 50-100 x 75mm (L) Side-Lock |  |  |  |



**JETBROACH** 

OT49508

OT50508

49mm

50mm

Sizes 51mm - 65mm diameter available in JETBROACH (Tungsten Carbide)



**OZBROACH**"



| Produces less s | warf than convention | onal drilling |           |
|-----------------|----------------------|---------------|-----------|
| Cutter Dia.     | Model No.            | Cutter Dia.   | Model No. |
| 25mm            | n Depth              | 50mm          | n Depth   |
| 12mm            | OT12256              | 12mm          | OT12506   |
| 13mm            | OT13256              | 13mm          | OT13506   |
| 14mm            | OT14256              | 14mm          | OT14506   |
| 15mm            | OT15256              | 15mm          | OT15506   |
| 16mm            | OT16258              | 16mm          | OT16508   |
| 17mm            | OT17258              | 17mm          | OT17508   |
| 18mm            | OT18258              | 18mm          | OT18508   |
| 19mm            | OT19258              | 19mm          | OT19508   |
| 20mm            | OT20258              | 20mm          | OT20508   |
| 21mm            | OT21258              | 21mm          | OT21508   |
| 22mm            | OT22258              | 22mm          | OT22508   |
| 23mm            | OT23258              | 23mm          | OT23508   |
| 24mm            | OT24258              | 24mm          | OT24508   |
| 25mm            | OT25258              | 25mm          | OT25508   |
| 26mm            | OT26258              | 26mm          | OT26508   |
| 27mm            | OT27258              | 27mm          | OT27508   |
| 28mm            | OT28258              | 28mm          | OT28508   |
| 29mm            | OT29258              | 29mm          | OT29508   |
| 30mm            | OT30258              | 30mm          | OT30508   |
| 31mm            | OT31258              | 31mm          | OT31508   |
| 32mm            | OT32258              | 32mm          | OT32508   |
| 33mm            | OT33258              | 33mm          | OT33508   |
| 34mm            | OT34258              | 34mm          | OT34508   |
| 35mm            | OT35258              | 35mm          | OT35508   |
| 36mm            | OT36258              | 36mm          | OT36508   |
| 37mm            | OT37258              | 37mm          | OT37508   |
| 38mm            | OT38258              | 38mm          | OT38508   |
| 39mm            | OT39258              | 39mm          | OT39508   |
| 40mm            | OT40258              | 40mm          | OT40508   |
| 41mm            | OT41258              | 41mm          | OT41508   |
| 42mm            | OT42258              | 42mm          | OT42508   |
| 43mm            | OT43258              | 43mm          | OT43508   |
| 44mm            | OT44258              | 44mm          | OT44508   |
| 45mm            | OT45258              | 45mm          | OT45508   |
| 46mm            | OT46258              | 46mm          | OT46508   |
| 47mm            | OT47258              | 47mm          | OT47508   |
| 48mm            | OT48258              | 48mm          | OT48508   |
|                 |                      |               |           |

## **OZBROACH**"

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# **CUTTING TOOLS AND EQUIPMENT**

30mm

55mm

Drill depth (DoC)

Drill depth (DoC)

35mm

55mm

Drill depth (DoC)

Drill depth (DoC)

HSS ANNULAR CUTTERS Metric | 30 & 55mm DIA Ø 12 - 65mm Shank 19.05mm (¾")

HSS Annular Cutters, with unique geometry type and random-space tips, provide clear cutting, fast feed rate, less vibration, smooth hole surface and long tool life, highly effective for drilling.



EUROBOOR

### COMBINATION DRILL & TAP SET

Metric: M3 - M10 UNC: 6G - 12G, 1/4" - 3/8" Ideal for: Steel & Aluminium

TiN coating reduces heat and increases lubricity for extended life

> FULLY Ground M2 HSS

pha

 $\Sigma Z$ 

lpha



25 Piece Combination Drill & Tap Set Gold Series

Sturdy plastic storage case

storage case
Code: CDT25PB

ANIUM TRIDE ATING





#### TCT ANNULAR CUTTERS

Metric | 35mm DIA Ø 12 - 52mm Shank 19.05mm (¾") Metric | 55mm DIA Ø 12 - 70mm Shank 19.05mm (¾")

Premium quality tungsten carbide tipped cutters, for drilling harder materials such as stainless steel, castings and higher grade wear resistant steels.

### Tap Sets I 22 PCE

Genuine Alpha hand taps and wrenches the new range of Tap Sets are designed for the expert user.

22 PCE 22 PCE Carbon Carbon Metric UNC Tap Set Coarse Tap Set CARBON

22 PCE

HSS Metric Coarse Tap Set

HSS



42 Pc. METRIC RATCHETING TAP AND DIE SET 3886

- Ratcheting T-handles wind dies with a 5° Swing arc and have a reversing lever to eliminate hand-over-hand turning
- Twist lock guide system reduces the "Walk back" of the die guide and keeps the dies centered while cutting

Also available in: • 77 Pc. MM/SAE Set (3887)

• 114 Pc. MM/SAE Set (82812)

### 

a pps

# Button Die Sets I 12 PCE

Genuine Alpha button dies and wrenches are designed for the expert user. Manufactured to ISO standards, Alpha Dies are engineered for precision external threading.

| 12 PCE                | 12 PCE                          |  |  |
|-----------------------|---------------------------------|--|--|
| Carbon<br>UNC Die Set | Carbon Metric<br>Coarse Die Set |  |  |
| CARBON                |                                 |  |  |







Button Die



# CARBON HAND TAPS

Premium quality – Made in Europe to ISO and ANSI standards.

#### **CARBON DIES**

 Carbon steel button dies and die nuts to ISO and ANSI standards

Die Nut