ISSUE 23 • AUGUST/SEPTEMBER 2017

TRADE TOOLS

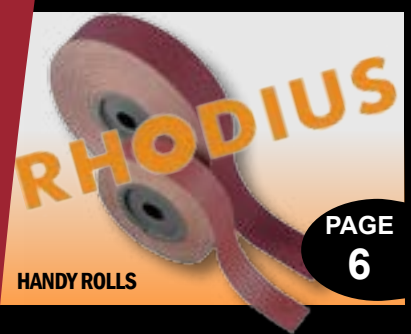
Since 1955

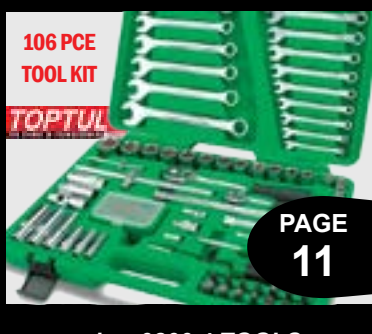
RIGHT TOOLS • RIGHT ADVICE • RIGHT NOW

SPEND $199 OR MORE ON TOPTUL PRODUCT AND BE IN TO WIN THIS FRIDGE!! SEE PAGE 11 FOR MORE DETAILS

THE TRADE MAGAZINE
BY ENGINEERS FOR ENGINEERS

A LOOK AT WHAT'S INSIDE





Valid from 1 August to 30 September 2017. While stocks last.

Phone in your order: 0800 4 TOOLS

TRADE TOOLS: THE NEXT CHAPTER

A mate of mine – fast-talking marketing bloke – reckons we're all about to be disrupted. "Digital disruption," he said, waving his mobile phone about like a distress flare.

I squirmed in my seat, thinking of my last prostate examination. He explained what Uber was doing to the taxi industry. I saw it with my own eyes the other day when I exited Eden Park after the last AB's test, and watched groups of twos and threes checking their phones as they waved down unmarked vehicles amassing at the entrance.
Not a Co-op taxi in sight.

Made me think about my own industry. Was an Uber of another kind lurking around the next bend? Who knows, but every business, ours included, must embrace change to remain relevant to their customers – and ready themselves for disruptive competitors.

Some time ago we came to the realisation that retail – at least in the traditional showroom format – wasn't our future. The surging growth of tradetools.co.nz and mytools.co.nz confirmed to us that more and more customers prefer buying engineering product on their terms, be it online or over the phone. And on this front the best value we can add is to continue to develop our service here, with improved call centres, slick online shopping, and swift delivery.

Makes sense to customers – like Yellow Pages used to say: let your fingers do the walking.
Today even fewer customers walk through our doors, preferring the convenience of a quick phone call, online search and ordering, or even the ear of a rep for the really tricky stuff.

Keeping products on the shelves in our showrooms simply doesn't add up. So we're starting to relocate the bulk of our stock to Trade Tools' warehouse in Auckland. This change will happen faster at some branches than others. If you're planning to visit one of our stores, call first to confirm the availability of locally stocked items. I realise this change may inconvenience the dwindling number of customers who like to visit our stores, but it's actually better for everyone, including even store visitors.
Customer orders will arrive faster now, because there's no waiting for individual items to arrive from different regional branches – or waiting at a store counter only to discover the stock item is held at another branch. Everything will come from one warehouse.

We still offer free delivery for non-urgent orders, but will charge a modest fee for overnight deliveries once our new Auckland-based national delivery service is in place.

More than simply standardising national product delivery, our new distribution model ensures we deliver Trade Tools' core promise: high-quality brands, exceptional trade backed advice, and great service.

We can't do justice to the last two claims if we spend all our time ringing regional offices trying to locate products and coordinate delivery.
It distracts our attention from the stuff that matters most to our customers – technical know how, fast quotes, and help sourcing specialist tools. And that's also why we're maintaining our network of regional offices and sales reps.

Now that we can put more horsepower to the technical information and procurement systems supporting Trade Tools reps, we'll be even more useful to the customers who rely on our core products.

As the dominant engineering and manufacturing tools supplier in New Zealand, we're not trying to be the 'Uber' of our market. However, by certain standards, we've disrupted ourselves – ditching old thinking and processes to deliver more valuable services – precisely the changes our customers expect.

Simon McLeay
CEO TRADE TOOLS

We accept VISA MasterCard

Starrett®

MACHINISTS LEVELS
98 Series Machinists levels with ground & graduated vials. These vials are adjustable to a positive setting and are housed in a satin finished brass tube with a friction fit closing cover to prevent damage.

98-4 100mm/4" Was $207.90 $129.00 4845155
98-6 150mm/6" Was $273.00 $149.00 4845160
98-8 200mm/8" Was $315.00 $199.00 4845165

KLBX24-1-N 600mm/24" - With magnets mounted in machined edge $35.00 W0000645
KLBX24-N 600mm/24" - Non-Magnetic $29.00 W0000646

ALUMINIUM BOX BEAM LEVELS
Box beam levels are manufactured of heavy duty aluminium with a simple "X" cross section for improved strength. These levels includes one milled surface and features two vertical vials and one horizontal vial in ABS plastic vial holders accurate to 0.0005" per inch. Shock-absorbing end caps protect working edges and preserve accuracy. The levels are designed with comfortable hand grips with soft touch.

KLBX48-1-N 1200mm/48" With magnets mounted in machined edge $52.00 W0000647
KLBX48-N 1200mm/48" Non-Magnetic $39.00 W0000648

BAHCO

RATCHETING BOX WRENCH SETS
3 Pce 8-19mm 8x9, 10x11, 12x13, 14x15, 16x17, 18x19mm $79.00 3740950
4 Pce 8-27mm 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 21x22 & 24x27mm 5° Action Angle $199.00 W0000516

34 PCE 1/4" & 3/8" DRIVE SOCKET SET
12 Pce 3/8" Hex Sockets (10, 11, 12, 13, 14, 15, 16, 17 18, 19, 20 22mm)
1 x 3/8" Quick Release Ratchet 60 teeth
2 x 3/8" Extension Bars 75 & 150mm
1 x 3/8" Universal Joint
1 x 1/4" Spanner Handle
1 x 16mm Plug Socket
1 x 21mm Plug Socket
Assorted Bits
$77.39 3620240

All prices exclude GST

1200W 125mm Paddle Switch Angle Grinder

$199 +GST

3326260

- Powerful 1200W motor
- Tool-less guard adjustment
- Safe and easy-to-use paddle switch
- Low profile head
- Spindle-lock and ergonomically angled side handle

Standard with grinding wheel, wrench and side handle

2400W 230mm Heavy Duty Angle Grinder

- Super tough alloy outer casing with double-insulated polycarbonate inner layer
- 3-position anti-vibration side handle
- Tool-less guard adjustment
- Low profile head for access into confined areas
- Auto-stop brushes and anti-dust airflow system for maximum motor protection

FULL ALLOY CORE DESIGN
The toughest tool on site

Standard with grinding wheel, wrench, wheel washer, wheel nut, cut-off wheel mounting nut and side handle

$289 +GST

3326380

HITACHI AHB HARD-CORE

125mm 5" 1300W Heavy Duty Angle Grinder

- Power and performance in a compact package
- Heat resistant, super high powered 1300W motor
- Sleek, low profile head
- Strong alloy gearbox
- Spindle lock and ergonomically angled side handle

Standard with grinding wheel, wrench and side handle

NEW ZEALAND'S #1 SELLING 5" INDUSTRIAL GRINDER

$159 +GST

3326200

Free Freight Option on any web order to any location in New Zealand!

We accept VISA MasterCard

13mm High Torque Drill

The perfect drill for electricians or plumbers who need to drill large holes for wiring or plumbing

- Powerful high performance 800W motor
- Heavy duty 13mm keyed chuck
- Triple reduction gearbox gives a high torque output of 74Nm
- Variable speed and reverse
- Optional 2-speed angle drill attachment available, to allow drilling in tight spaces – can be set to drill upside down or sideways

Standard with chuck key, side handle and carry case

Optional Angle Attachment (319528)

$299 +GST

3325600

UNPRECEDENTED BULK SHIPMENT SAVINGS WHILE THEY LAST. ONE TIME ONLY!

HITACHI

355mm Metal Cut Off Saw

- Powerful 2000W motor
- Quick release vice
- Spark diversion guide
- Convenient spindle lock
- Soft-grip handle
- Capable of cutting shaped steel up to 130 x 130mm

Standard with cut-off wheel and wrench

$299 +GST

3325260

18V PremiumBrushless High Torque Driver Drill

- Reactive Force Control safety function
- Brushless motor for more power, performance, durability and longer battery run time per charge

Supplied with 2x 6.0Ah Lithium Advanced batteries, Rapid Smart Charger, driver bit and carry case

136 Nm TORQUE

3327335

$685 +GST

6mm High Speed Variable Speed Die Grinder

- Heavy duty industrial unit
- High speed model for small grinding wheels and specialist applications
- Super powerful 760W motor
- Variable speed range: 7,000 – 29,000rpm
- Easy to grip slim body – only 200mm circumference
- Soft Start and Constant Speed Control

Standard with side handle, 6mm collet chuck and wrenches

$359 +GST

3326470

All prices exclude GST

RHODIUS®

30% OFF ALL ROLLS

ALUMINIUM OXIDE, CLOSED COATED J-FLEX CLOTH

Made in GERMANY

HANDY ROLLS
SPBR PROLINE 40mm x 50M

P40	1041365	$38.88 each
P60	1041385	$34.10 each
P80	1041505	$32.98 each
P100	1041625	$31.31 each
P120	1041745	$31.31 each
P150	1041865	$30.62 each
P180	1041985	$30.62 each
P240	1042005	$30.62 each
P320	1042025	$30.62 each
P400	1042045	$30.62 each

ALPHALINE KSM GRINDING DISCS

Particularly suitable for edge and surface grinding of mild steel.

105 x 7.0 x 16mm steel	1081377	$1.86 each
115 x 7.0 x 16mm steel	1081417	$2.20 each
125 x 7.0 x 22mm steel	1081457	$2.26 each
180 x 7.0 x 22mm steel	1081497	$3.32 each
230 x 7.0 x 22mm steel	1081537	$4.98 each

XT70 INOX ALPHALINE
Extra Thin Cutting Discs

Suitable for stainless, structural & high tensile steels.
(Designed to run on lower powered angle grinders).

100 x 1.0	1070750	$0.91 each
115 x 1.0	1070753	$0.94 each
125 x 1.0	1070793	$0.99 each
125 x 1.5	1070833	$1.01 each
780 x 1.5	1070873	$1.54 each
230 x 1.9	1070913	$2.26 each

Hougen®

HMD130
HOUGEN ULTRA LOW PROFILE MAG DRILL

Ultra low profile lightweight right angle drill with large capacity.

- Lightweight at only 23.8lbs (10.8kg).
- Patented quill feed arbor for smooth cuts and minimal maintenance.
- Uses RotaLoc Plus™ annular cutters which requires no tools for installation or removal.
- Positive slug ejection.
- High torque gearing.
- Lift detector safety system.
- Feed handle switches easily from side to side.
- Ratchet can be used in place of feed handle.
- Rear mounted controls.
- Carrying handle.
- Carrying Case included.
- One year warranty.
- Dimensions 170mmH x 171mmW x 373mmL

MADE IN USA

$1199.00
2645090

OUR MOST POWERFUL 2-SPEED MAG DRILL!!

$1975.00
2645165

HMD917SC
MAG DRILL

Our most powerful two speed mag drill for heavy duty fabrication. Large 60mm x 76mm capacity. Our most powerful high torque motor. Two Speed gear box - 250 & 450 RPM. Pilot light - for low light or no light conditions. Two stage magnet - 30% increase in power when motor is turned on. Positive slug ejection. Integrated coolant bottle. Many accessories are available for a portable machine shop including: drill chucks, tapping, countersink, and more... Feed handles quickly change from side to side. Lift detector safety system. Rear mounted controls.Carrying case included. One year warranty.

Free Freight Option on any web order to any location in New Zealand!

We accept VISA MasterCard

PRAMET

ALL YOUR 90° SHOULDER MILLING REQUIREMENTS COVERED

- The TNGX10 double-sided triangular inserts offer depth of cut up to 5mm and feature six cutting edges for excellent economy and low machining costs.
- A wide range of cutters are available with the new assortment, from 18mm up to 80mm, and with a high number of teeth available - even for small diameters - the cutters provide increased productivity.
- Cutters are available in Cylindrical Shank, Weldon Shank, Face Mill or Screw on Head.
- The inserts are suitable for numerous materials such as steel, stainless steel, cast iron and non-ferrous metals, as well different applications, including shoulder, face and slot milling, helical interpolation, ramping and progressive plunging.
- In a recent product test, face milling M3 stainless steel, the TNGX insert had double the durability, compared to a competitor's equivalent insert.
- Geometry F has a narrow peripheral land and is suited to light and medium machining for low to medium carbon steel. Geometry M with a medium T-land is also suitable for light and medium machining, but for carbon steel and stainless steels.
- Finally, geometry FA has a sharp cutting edge and is particularly for machining non-ferrous metals. Its polished insert face reduces sticking of the machined material, promoting longer tool life and better workpiece finish quality.

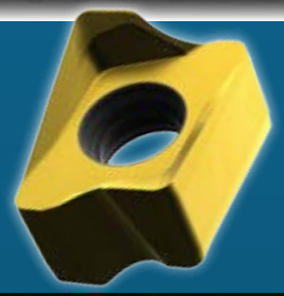
GEOMETRIES AND GRADES AVAILABLE FOR STEEL, STAINLESS AND ALUMINIUM FROM $16.00

BODY & INSERT DEALS AVAILABLE
JUST ASK YOUR LOCAL REP OR CALL 0800 4TOOLS

- Our Pramet Econ LN range is a highly cost-effective, versatile milling option, capable of supporting numerous operations in most materials and still producing an excellent surface finish.
- The cutters are available in diameters 25-125mm.
- Cutters are available in Cylindrical Shank, Weldon Shank, Face Mill and Screw on Heads.
- The positive axial geometry on the universal 90° cutter allows for lower cutting forces and smoother machining in steel, cast iron, stainless steel, non-ferrous metals and hardened materials.
- With an internal cooling system close to the cutting edges, a combination of wiper inserts, secure clamping and reduced power consumption, the Econ LN delivers fast chip-evacuation and a consistently high quality surface finish.
- Compatible with the Econ LN are the Pramet LNGX 12 and LNMU 16 inserts with four-cutting edges. The LNGX 12 inserts support helical interpolation, ramping and progressive plunging, while the LNMU 16 inserts are strong and robust for long tool life when machining steel and cast iron.

GEOMETRIES AND GRADES AVAILABLE FOR STEEL, STAINLESS AND ALUMINIUM FROM $16.00

BODY & INSERT DEALS AVAILABLE
JUST ASK YOUR LOCAL REP OR CALL 0800 4TOOLS

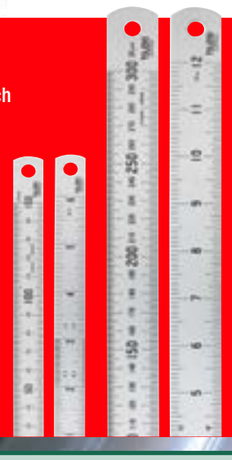


All prices exclude GST

FAMOUS TOLEDO
EXCELLENCE BY DESIGN

MANUFACTURED FROM STAINLESS STEEL

Double sided with graduations on both upper and lower edges, Metric Front - numerical markings every 10mm in centre only, English Back - numerical markings every 1 inch in centre only, One square end and one rounded end with hanging hole.



4917480	150mm/6”	$7.00
4917640	300mm/12”	$16.00
4917720	600mm/24”	$34.00
4917780	1000mm/36”	$59.00
4917840	1500mm/60”	$219.00

CO-AXIAL CENTERING INDICATOR

Provides quick & accurate centering in boring & milling setup.

- Body diameter 36mm.

$152.00
4923400

DIAL INDICATORS

- Face Ø 58mm
- Back plate mounting lug.
- Jewelled bearing.

0-10mm
$39.00
4840440

0-1”
$39.00
4840460

INSIZE MASSIVE VALUE!!

4 PIECE OUTSIDE MICROMETER SET

- 0-100mm

$125.00
4913360

2 PIECE DIAL INDICATOR & MAGNETIC BASE SET

- 0-10mm Dial Indicator

$75.00
4900120

Mitutoyo

7010S-10
MAGNETIC BASE WITH FINE ADJUSTMENT

$61.24
4820100

293-821
DIGITAL MICROMETER
0-25mm x 0.001mm

Basic digital micrometer with ratchet stop, auto power on/off

$258.00
4912140

154-902
SMALL HOLE GAUGE SET
3-13mm

$98.80
4829100

CIMDRAULIC 150 HYDRAULIC OIL

- Premium Grade
- Low Foaming
- Outstanding wear properties

TWO DRUMS ONLY!!

200 LTR
~~$1268.69~~
$634.35
2830700

CIMSTAR 50-60K

- High Performance
- Metalworking Fluid
- Advanced Semi Synthetic

CIMSTAR®50-60K is a premium heavy duty Semi Synthetic metalworking fluid for machining and grinding of Steels, Stainless Steels, Alloy Steels and most Aluminiums.

APPLICATION:
CIMSTAR®50-60K is recommended for turning, drilling, milling, reaming, boring, tapping, roaching, sawing and most grinding applications. It should not be used on magnesium alloys.

20 LTR
$170.25
2831165

200 LTR
$1395.00
2831167

CIMSPIN 10

CIMSPIN 10 is a spindle and hydraulic oil designed for high speed spindle bearings in precision grinders and machine tools requiring low-viscosity oils. CIMSPIN 10 is blended with premium base oils and special additive packages to exceed the needs of modern manufacturing.

FEATURES AND BENEFITS:

- Provides excellent lubricity to minimize wear under high load conditions including wear caused by spindle wobble from unbalanced loads.
- Multi-metal compatibility - Protects ferrous and non-ferrous metals from corrosion.
- Good oxidation resistance - Excellent oxidation stability to provides long service life.

30% OFF NOW

was ~~$37.73~~
5 LTR $26.41
2830305

~~was $132.83~~
20 LTR $92.98
2830310

MULTIFUNCTIONAL INSERT DRILL
C/W SIX INSERTS FOR STEEL MACHINING

- Spot Drill
- Groove
- Chamfer
- Engrave
- 16mm Bar

$199.00
5146240

PRAMET
PARTING BLADE & INSERT KITS

XLCFN 2602 J 3.00 + 10 x LFMX 3.1-205NM2	$141.95 4430100
XLCFN 3202 M 3.00 + 10 x LFMX 3.1-205NM2	$155.00 4430120
XLCFN 3203 M 4.00 + 10 x LFMX 4.1-205NM2	$161.80 4430140

TIN COATED

WALTER TITEX

PERFORM TC115 & TC216

GUN TAPS		25% OFF NOW
M3	6614500	$19.35
M4	6614520	$17.92
M5	6614540	$19.35
M6	6614560	$22.12
M8	6614580	$27.60
M10	6614600	$33.15
M12	6614620	$38.62
M16	6614640	$52.20
M20	6614660	$69.60

SPIRAL FLUTE TAPS		25% OFF NOW
M3	6611500	$20.32
M4	6611520	$18.82
M5	6611540	$20.32
M6	6611560	$23.17
M8	6611580	$28.95
M10	6611600	$34.80
M12	6611620	$40.57
M16	6611640	$52.20
M20	6611660	$73.05

· Long Life · · High Process Reliability · · Cost Effective · ·For Use in a Wide Variety of Materials·

Free Freight Option on any web order to any location in New Zealand!

We accept VISA MasterCard AMERICAN EXPRESS

All prices exclude GST

FACOM

PROTWIST RATCHETING BITHOLDER SCREWDRIVER

- 45 tooth ratchet.
- 3 Position - Forward, Reverse, Lock.
- Magnetised central storage of chargers serves as additional mini bit holder.
- Including two chargers:
  1 x charger containing 7 x screw bits + 1 separate: for slotted head screw 4 - 6.5; Phillips screws PH.1 - PH.2; Pozidrive screws PZ.1 - PZ.2; hollow hex screws 4 - 6).
  1 x transparent charger containing 7 Resistorx bits EXR.110 - EXR.115 - EXR.120 - EXR.125 - EXR.127 - EXR.130 - EXR.140.

$109.00
3643300

PROTWIST STUBBY SCREWDRIVER SET

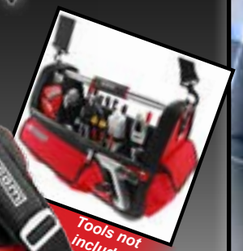
- Massive torque transmission.
- Silicone carbon blades.

Set comprises:
Flat 4x25, 5.5x35, 6.5x35, Phillips PH1x35, PH2x35

$39.00
3652220

PROBAG 20" SOFT TOOL BAG

- Aluminium handle with leather grip
- Rigid & waterproof polypropylene bin



$128.00
7203140

STAINLESS SCREWDRIVER SET

Set comprises:
4 x Slotted 4x100, 5.5x100, 6.5x150, 8x175,
2 x Phillips PH1x100, PH2x125

$85.00
3650600

WILDE TOOL

ROLLING HEAD PRYBAR 450mm/18"

$29.95
3151310

JIMMY BAR 500mm/20" 3/4" HEX

$33.25
3151340

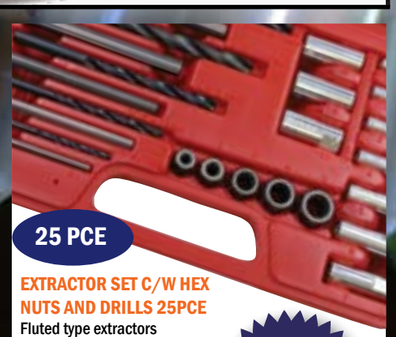
SELF GRIP 2-LEG PULLER

- 0-35mm spread
- 40mm maximum depth

$94.85
3480140

- 0-45mm spread
- 60mm maximum depth

$105.85
3480160



25 PCE

EXTRACTOR SET C/W HEX NUTS AND DRILLS 25PCE

Fluted type extractors that provide a solid grip on broken studs, screws and bolts. Can be used on thread sizes 5mm to 16mm.

$89.95
3470620

ADJUSTABLE HEAD CROW BAR

Indexing head Pry Bar. The position of the head is adjustable to multiple different angles. Simple but robust pushbutton spring-loaded release and contoured grip handles. Manufactured from Chrome-vanadium, 250mm long, 330gm with contoured rubberised handle.

$18.95
3151750

Free Freight Option on any web order to any location in New Zealand!

We accept VISA MasterCard

Spend $199+GST or more on Toptul product on this page and be in to win this fridge filled with your choice of carbonated beverage!!

TOPTUL®
THE MARK OF PROFESSIONAL TOOLS

106 PCE METRIC TOOL KIT

1/4" DR - 1/2" DR
(4-14mm) (15-32mm)

- Combination wrenches 6-22mm
- Extension bars ¼ & ½"
- Quick release ratchets ¼ & ½
- Spark plug sockets
- Deep sockets
- 31pce screwdriver bit set

$199.00
F0001875

1/2" DRIVE SPLINE KIT ON RAIL

M5, M6, M8, M10, M12, M14 & M16

was $50.40
$35.95
3663750

3/8" DRIVE INHEX BIT SET ON RAIL

3, 4, 5, 6, 7, 8, 10 mm

was $25.20
$17.95
3809090

3/8" DRIVE TORX SET ON RAIL

T15, T20, T25, T27, T30, T40, T45, T50

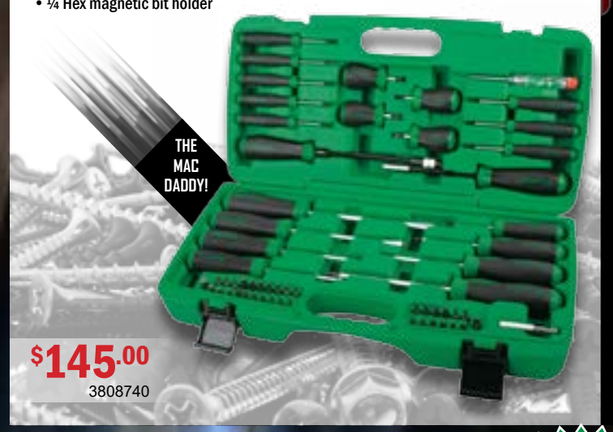
was $27.30
$19.95
3809080

58 PCE SCREWDRIVER & BIT SET

INCLUDES VOLTAGE TESTER

- Precision slotted, Phillips & Star
- Stubby slotted & Phillips
- Anti-slip slotted & Phillips
- ¼ Hex shank slotted , Phillips , Pozi , Hex , Std & Tamperproof Star
- ¼ Hex flexible bit holder
- ¼ Hex magnetic bit holder

THE MAC DADDY!



$145.00
3808740

4 PCE CIRCLIP PLIER SET

180mm
External
Internal
Straight
90 Degrees

$79.00
3807380

1/4" DRIVE TORQUE SCREWDRIVER 1-8nm

- Easy to read window scale.
- Clockwise operation device.
- 1/4" square driver head for sockets, bit holders and accessories.
- Micrometer scale graduation: 0.5 Nm.
- Actuation accuracy: ñ6 percent tolerance of the set scale value.

$125.00
3801000

3/8" DRIVE

CEAD1215
$52.95
3805050

RATCHET HEAD POWER BARS

- Reversible 3-Way Ratchet
- 24 Gears
- Mirror Polish Finish

1/2" DRIVE

CEAD1618
$58.95
3805060

1 - 2 WEEKS DELIVERY

MITEE-BITE PRODUCTS LLC

INTRODUCES

TalonGrip Vise Jaws Systems

GRIPS ON AS LITTLE AS 1.5mm!

Check out our website to view videos of the TalonGrip!
www.MiteeBite.com

Mitee-Bite Products introduces a new and innovative product that will increase the versatility of your standard 100 and 150mm vises. TalonGrip is a simple bolt on system that will allow you to perform aggressive machining operations while clamping onas little as 1.5mm. Ideal for small lot sizes, difficult applications or prototype work when building a fixture would not be beneficial. TalonGrips are also available individually for fixturing with the Pitbull® Clamp or soft jaw applications.

Aggressive stock removal

Multiple parts

Fixture application

Soft jaws

STEEL VISE JAW SET (Set includes 4 Talongrips, 1 stop with screws)

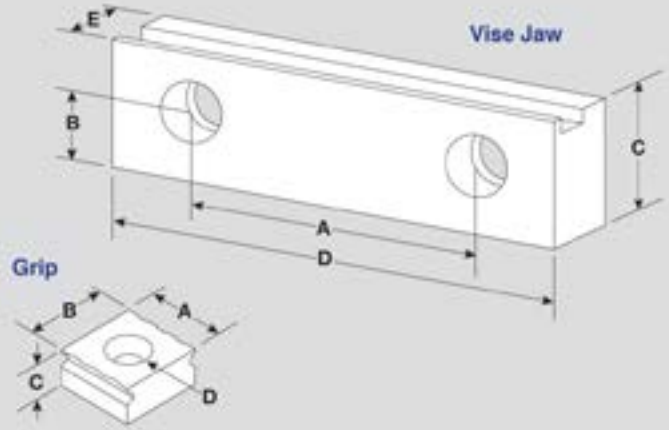
Vise	Part No.	A	B	C	D	E
100mm	32044	63.5	17.47	37.84	100	25.4
150mm	32046	63.5	17.47	37.84	150	25.4
150mm	32066	98.55	23.87	44.19	150	25.4
200mm	32068	98.55	23.87	44.19	200	25.4

VISE JAW GRIPS & STOPS

	Part No.	A	B	C	D	Recommended Gripping Height	No. of Grips Per Pack
Extra Grips	32050	19.05	12.7	6.35	M5	1.5mm-1.9mm	2
Extra Stop	32025	-	-	-	M5	-	1

FIXTURE GRIPS

Part No.	A	B	C	D	Recommended Gripping Height	No. of Grips Per Pack
32075	19.05	19.05	7.92	M5	1.5mm-3.0mm	2
32100	19.05	25.4	7.92	M5	1.5mm-3.0mm	2



CIMCOOL® FLUID TECHNOLOGY

CIMFREE® VG-703ES METALWORKING FLUID

DESCRIPTION:
CIMFREE VG-703ES is a vegetable-based metalworking oil.

APPLICATION:
CIMFREE VG-703ES is designed for use in misting applications or other Minimal Quantity Lubrication (MQL) applications where minimal /low flow volumes are required. It is recommended for machining operations on most ferrous and aluminium operations such as milling, drilling, turning and sawing.

FEATURES AND BENEFITS APPLICATION:
Suitable for use in all type of mist/minimal quantity lubricator application devices.

ENVIRONMENTALLY FRIENDLY:
Product formula is derived from natural, renewable resources and does not contain mineral oil.

ECONOMICAL:
Minimal Quantity Lubricators applying fluid directly to parts minimise quantities of fluid used. Eliminates recharge and disposal costs associated with recirculating systems.

CLEANLINESS:
Finished parts and chips come away almost dry. No need for the fluid to be collected and re-circulated or recycled. Low mist, low odour, low residue keeps work area clean. Parts are easily cleaned with a mild alkaline cleaner.

LUBRICITY:
Low cutting force - Contains a non-chlorinated, non-sulfurised lubricity agent. These additives provide long tool life and quality part finish.

2831140	CIMLUBE	703H LUBRICANT	5L	$43.50
2831142	CIMLUBE	703H LUBRICANT	20L	$163.00

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