

COMPANY PROFILE -

Located in Auckland New Zealand, TGA International has been importing and distributing high quality industrial equipment and consumables for well over a decade. We are a family oriented business who pride ourselves on providing our customers with great service, in depth product knowledge and sharp pricing.

Through our Head Office and Warehouse in East Tamaki, we are able to supply most products same-day to the Auckland market, and overnight throughout the rest of New Zealand.

Our energetic team has a wealth of experience in different industries and we are able to provide a large range of market leading brands and products, this makes us the ideal solutions partner to help grow your business into the future and enhance your production processes.

Feel free to get in touch with us for a friendly chat or help with finding a solution to a problem you may have.

















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Note: Not all available products appear in this catalogue. For further products or information please visit our website or give us a call.





- CUTTING DISCS - 🧷 💁 📖

Metal & Steel Cutting Discs

Part Number	Size (mm)	Brand	R.P.M	Туре	Box Qty
CO 100-25 M	100 x 2.5 x 16.00	CGW	15,300	T1	25
CO 115-25 M	115 x 2.5 x 22.23	CGW	13,300	T1	25
CO 125-25 M	125 x 2.5 x 22.23	CGW	12,250	T1	25
CO 125-25 K	125 x 2.5 x 22.23	Karbosan	12,250	T1	25
CO 180-25 M	180 x 2.5 x 22.23	CGW	8,500	T1	25
CO 230-25 M	230 x 2.5 x 22.23	CGW	6,650	T1	25
CO 230-25 K	230 x 2.5 x 22.23	Karbosan	6,650	T1	25
CO 230-30 M	230 x 3.0 x 22.23	CGW	6,650	T1	25
CO 230-30 M DC	230 x 3.0 x 23.23	CGW	6,650	T27	25





Stainless Steel Cutting Discs

Part Number	Size (mm)	Brand	R.P.M	Typo	Box Qty
Fart Number	Size (IIIII)	Dianu	N.F.IVI	Туре	DOX Qty
CO 100-10	100 x 1.0 x 16.00	CGW	15,300	T1	50
CO 100-16	100 x 1.6 x 16.00	CGW	15,300	T1	50
CO 115-10	115 x 1.0 x 22.23	CGW	13,300	T1	25
CO 115-16	115 x 1.6 x 22.23	CGW	13,300	T1	25
CO 125-10	125 x 1.0 x 22.23	CGW	12,250	T1	25
CO 125-10 BUCKET	125 x 1.0 x 22.23	CGW	12,250	T1	100
CO 125-10 K	125 x 1.0 x 22.23	Karbosan	12,250	T1	25
CO 125-16	125 x 1.6 x 22.23	CGW	12,250	T1	25
CO 125-25	125 x 2.5 x 23.23	CGW	12,250	T1	25
CO 180-16	180 x 1.6 x 22.23	CGW	8,500	T1	25
CO 230-20	230 x 2.0 x 22.23	CGW	6,650	T1	25
CO 230-20 DC	230 x 2.0 x 22.23	CGW	6,650	T27	25
CO 230-30 DC	230 x 3.0 x 22.23	CGW	6,650	T27	25





RAZOR PRO Cutting Disc

High performance with especially long life.

Highly recommended for cutting profiles and pipes up to 4" in diameter.

Part Number	Size (mm)	Brand	R.P.M	Туре	Box Qty
CO 125-10 R	125 x 1.0 x 22.23	CGW	12,250	T1	25



Aluminium Cutting Discs

Aluminium Oxide grain for superior non-loading cutting action / easy grinding of soft metals. Recommended for non-ferrous metals.

Part Number	Size (mm)	Brand	R.P.M	Туре	Box Qty
CO 115-13 A	115 x 1.6 x 22.23	CGW	13,300	T1	25
CO 125-16 A	125 x 1.6 x 22.23	CGW	12,200	T1	25





CGW is proud to present the EXTREME, a new line of Thin Cutting Discs developed with most advanced technology to achieve optimum results.

Especially designed for the professional market, CGW EXTREME

delivers significant increase in cutting, speed and number of cuts, for varied metal and stainless applications.

EXTREME Cutting Disc

Part Number	Size (mm)	Brand	R.P.M	Туре	Box Qty
CO 125-10 X	125 x 1.0 x 22.23	CGW	12,300	T1	25







High Speed Discs

Premium Aluminium Oxide Wheel. For use with a Die Grinder Made in the USA. Cut-Off Wheel Mandrel Adaptor available.





Part Number	Size (mm)	Brand	R.P.M	Type	Box Qty
CO 075-10 HS	75 x 1.0 x 10.00	CGW	23,900	T1	50

Metal Chop Saw Cutting Discs

Part Number	Size (mm)	Brand	R.P.M	Type	Box Qty
CO 305-30 M	305 x 3.0 x 25.4	CGW	5,100	T1	10
CO 355-28	355 x 2.8 x 25.4	CGW	4,400	T1	10
CO 355-40 HS M	355 x 4.0 x 25.4	CGW	5,500	T1	10
CO 405-30	405 x 3.0 x 25.4	CGW	3,850	T1	10
CO 405-30 M	405 x 3.0 x 25.4	CGW	3,850	T1	10



3-in-1 Disc

Cutting, Grinding & Finishing of Stainless Steel and Hard Steels. Ideal for a wide variety of metal and stainless steel applications: particularly recommended for cutting metal profiles and thin pipes, and removing weld slag.

Part Number	Size (mm)	Brand	R.P.M	Type	Box Qty
CO 125-10 R	125 x 2.5 x 22.23	CGW	12,250	T27	25



- GRINDING DISCS - 🦋

Metal & Steel Cutting Discs

T27	25
T27	25
T27	25
T27	10
T27	25
T27	25
T27	10
	T27 T27 T27 T27 T27 T27





Stainless Steel Cutting Discs

Part Number	Size (mm)	Brand	R.P.M	Type	Box Qty
G 115-60 S C	115 x 6.5 x 22.23	CGW	13,300	T27	25
G 125-60 S C	125 x 6.5 x 22.23	CGW	12,250	T27	25
G 180-60 S C	180 x 6.5 x 22.23	CGW	8,500	T27	25
G 230-60 S C	230 x 6.5 x 22.23	CGW	6,650	T27	25



RAZOR PRO Grinding & Finishing Disc

Exceptionally well-suited for grinding stainless steel and high carbon steel, providing excellent surface quality. High concentration of ceramic grain provides for very fast grinding and long life.

Part Number	Size (mm)	Brand	R.P.M	Туре	Box Qty
RAZOR115	115 x 3.0 x 22.23	CGW	13,300	T27	25
RAZOR125	125 x 3.0 x 22.23	CGW	12,250	T27	25



Aluminium Grinding Discs

Soft N-grade bond for easy grinding of welding seams and cast iron skin. The best choice for smooth finishing.

Part Number	Size (mm)	Brand	R.P.M	Туре	Box Qty
G 125-61 A	125 x 6.0 x 22.23	CGW	5,600	T27	25



FGF Discs

Engineered to absorb vibrations for reduced operator fatigue. Waffle pattern on wheel face for cooler grinding and longer working life.

Part Number	Size (mm)	Brand	R.P.M	Type	Box Qty
FGF 115	115 x 3.0 x 22.23	CGW	13,300	T27	25
FGF 125	125 x 3.0 x 22.23	CGW	12,250	T27	25
FGF 180	180 x 3.0 x 22.23	CGW	8,500	T27	25



ZEC Semi-Flex Discs

Rigid phenolic (fibreglass) backing for aggressive grinding applications.. Rigid disc design allows for more control when grinding corners and edges.

Part Number	Size	Brand	R.P.M	Type	Box Qty
ZEC 115-024	115mm x 7/8"	CGW	13,300	T1	10
ZEC 125-024	125mm x 7/8"	CGW	12,250	T1	10



Best Touch

The Best Touch Flexible Grinding disc provides a flawless finish for surface preparation before painting, coating or blasting. Ideal for working on metal applications where controlled stock removal rates are required.



31/1 Cubitron II Flex Grind

Designed to grind, shape and sand on a variety of metal materials 3M™ Precision Shaped Grain offer excellent cut rate and enhanced flexibility vs. standard depressed centre grinding wheels vs. standard depressed centre grinding wheels





Rex-Cut Type 27 grinding wheels are manufactured with our signature abrasive materials designed for grinding and blending in one step.

Superior surface finishing on stainless steel and aluminium.







- FLAP DISCS - 🕊 ---

Zirconia Flap Discs

Zirconia Alumina coated, for high-alloy, stainless, and heat-treated steel; high-tensile, non ferrous metals.

Part Number	Size (mm)	Brand	Grit	Туре	Box Qty
FD 100 040 K	100 x 16.00	Karbosan	40	T29	10
FD 100 060 K	100 x 16.00	Karbosan	60	T29	10
FD 100 080 K	100 x 16.00	Karbosan	80	T29	10
FD 100 120 K	100 x 16.00	Karbosan	120	T29	10
FD 115 040 K	115 x 22.23	Karbosan	40	T29	10
FD 115 060 K	115 x 22.23	Karbosan	60	T29	10
FD 115 080 K	115 x 22.23	Karbosan	80	T29	10
FD 115 120 K	115 x 22.23	Karbosan	120	T29	10
FD 125 040 K	125 x 22.23	Karbosan	40	T29	10
FD 125 060 K	125 x 22.23	Karbosan	60	T29	10
FD 125 080 K	125 x 22.23	Karbosan	80	T29	10
FD 125 120 K	125 x 22.23	Karbosan	120	T29	10
FD 180 040 K	180 x 22.23	Karbosan	40	T29	10
FD 180 060 K	180 x 22.23	Karbosan	60	T29	10



Ceramic Flap Discs

The best choice for grinding stainless steel, titanium and other hard metals.

Part Number	Size (mm)	Brand	Grit	Туре	Box Qty
FDC 100 040	100 x 16.00	CGW	40	T29	10
FDC 115 060	115 x 22.23	CGW	60	T29	10
FDC 125 060	125 x 22.23	CGW	60	T29	10



Silicon Carbide Flap Disc

Silicon Carbide coated, for marble, stone, glass, and non ferrous metals.

Part Number	Size (mm)	Brand	Grit	Туре	Box Qty
FD SC 115 040	115 x 22.23	CGW	40	T29	10
FD SC 115 060	115 x 22.23	CGW	60	T29	10
FD SC 115 080	115 x 22.23	CGW	80	T29	10
FD SC 115 120	115 x 22.23	CGW	120	T29	10



Aluminium Flap Discs

Premium Blue fired AO grain with a polyester heat treated backing.

Part Number	Size (mm)	Brand	Grit	Type	Box Qty
FD 115 060 AL	115 x 22.23	CGW	60	T29	10
FD 125 036 AL	125 x 22.23	CGW	36	T29	10
FD 125 060 AL	125 x 22.23	CGW	60	T29	10





Surface Conditioning Flap Disc

Premium surface conditioning material for surface preparation. Three different grits for blending, deburring, and cleaning.

Part Number	Size (mm)	Brand	Grit	Type	Box Qty
FD SCD 115 C	115 x 22.23	CGW	Coarse	T29	10
FD SCD 115 M	115 x 22.23	CGW	Medium	T29	10
FD SCD 115 F	115 x 22.23	CGW	Fine	T29	10
FD SCD 125 C	125 x 22.23	CGW	Coarse	T29	10
FD SCD 125 M	125 x 22.23	CGW	Medium	T29	10
FD SCD 125 F	125 x 22.23	CGW	Fine	T29	10



Combination Flap Discs

Alternating flaps of non-woven and coated abrasive materials provide uniform, consistent finishes with very little heat.

Part Number	Size (mm)	Brand	Grit	Туре	Box Qty
FD COMBI 125 C	125 x 22.23	CGW	Coarse	T29	10
FD COMBI 125 M	125 x 22.23	CGW	Medium	T29	10
FD COMBI 125 F	125 x 22.23	CGW	Fine	T29	10



Mini Flap Disc

Z3 mini flap discs allow access to tight areas. Backing pad required.

Part Number	Size (mm)	Brand	Grit	Type	Box Qty
RO FD 76-060	76	CGW	60	T27	10







- FIBRE SANDING DISCS - 🛫

Zirconia Fibre Discs

High concentration of Zirconia and heat-treated Aluminium Oxide grain designed for grinding and finishing of heavy metals/stainless steel part and edges.

Part Number	Size (mm)	Brand	Grit	Pack Qty
F 100-036 Z	100 x 16.0	Karbosan	36	50
F 100-060 Z	100 x 16.0	Karbosan	60	50
F 100-080 Z	100 x 16.0	Karbosan	80	50
F 100-120 Z	100 x 16.0	Karbosan	120	50
F 115-036 Z	115 x 22.23	Karbosan	36	50
F 115-060 Z	115 x 22.23	Karbosan	60	50
F 115-080 Z	115 x 22.23	Karbosan	80	50
F 115-120 Z	115 x 22.23	Karbosan	120	50
F 125-024 Z	125 x 22.23	Karbosan	24	50
F 125-036 Z	125 x 22.23	Karbosan	36	50
F 125-060 Z	125 x 22.23	Karbosan	60	50
F 125-080 Z	125 x 22.23	Karbosan	80	50
F 125-120 Z	125 x 22.23	Karbosan	120	50
F 180-036 Z	180 x 22.23	Karbosan	36	50
F 180-060 Z	180 x 22.23	Karbosan	60	50
F 180-080 Z	180 x 22.23	Karbosan	80	50



Ceramic Fibre Discs

100% ceramic alumina grain delivers superior performance. Best choice/highest productivity for stainless steel, titanium, super alloys and carbon steel.

Part Number	Size (mm)	Brand	Grit	Pack Qty
F 115-024 C	115 x 22.23	Karbosan	24	25
F 115-036 C	115 x 22.23	Karbosan	36	25
F 115-060 C	115 x 22.23	Karbosan	60	25
F 115-080 C	115 x 22.23	Karbosan	80	25
F 115-120 C	115 x 22.23	Karbosan	120	25
F 125-024 C	125 x 22.23	Karbosan	24	25
F 125-036 C	125 x 22.23	Karbosan	36	25
F 125-060 C	125 x 22.23	Karbosan	60	25
F 125-080 C	125 x 22.23	Karbosan	80	25
F 125-120 C	125 x 22.23	Karbosan	120	25
F 180-024 C	180 x 22.23	Karbosan	24	25
F 180-036 C	180 x 22.23	Karbosan	36	25
F 180-060 C	180 x 22.23	Karbosan	60	25
F 180-080 C	180 x 22.23	Karbosan	80	25
F 180-120 C	180 x 22.23	Karbosan	120	25





Aluminium Oxide Fibre Discs

Premium quality Aluminium Oxide disc designed for long life, high stock removal and cool cutting action on metal and welds

Part Number	Size (mm)	Brand	Grit	Pack Qty
F 100-016 A	100 x 16.0	Karbosan	16	50
F 100-024 A	100 x 16.0	Karbosan	24	50
F 100-036 A	100 x 16.0	Karbosan	36	50
F 100-060 A	100 x 16.0	Karbosan	60	50
F 100-080 A	100 x 16.0	Karbosan	80	50
F 100-120 A	100 x 16.0	Karbosan	120	50
F 115-016 A	115 x 22.23	Karbosan	16	50
F 115-024 A	115 x 22.23	Karbosan	24	50
F 115-036 A	115 x 22.23	Karbosan	36	50
F 115-060 A	115 x 22.23	Karbosan	60	50
F 115-080 A	115 x 22.23	Karbosan	80	50
F 115-120 A	115 x 22.23	Karbosan	120	50
F 125-024 A	125 x 22.23	Karbosan	24	50
F 125-036 A	125 x 22.23	Karbosan	36	50
F 125-060 A	125 x 22.23	Karbosan	60	50
F 125-080 A	125 x 22.23	Karbosan	80	50
F 125-120 A	125 x 22.23	Karbosan	120	50
F 180-016 A	180 x 22.23	Karbosan	16	50
F 180-024 A	180 x 22.23	Karbosan	24	50
F 180-036 A	180 x 22.23	Karbosan	36	50
F 180-060 A	180 x 22.23	Karbosan	60	50
F 180-080 A	180 x 22.23	Karbosan	80	50



Fibre Disc Backing Pads

180 x 22.23

F 180-120 A

Part Number	Size (mm)	Type	Box Qty
F BP-100 PLAIN	100	Plain	1
F BP-115 PLAIN	115	Plain	1
F BP-115 FLEX	115	Ribbed Flexi	1
F BP-125 PLAIN	125	Plain	1
F BP-125 FLEX	125	Ribbed Flexi	1
F BP-180 PLAIN	180	Plain	1
F BP-180 FLEX	180	Ribbed Flexi	1

Karbosan

120

50





- ROLL-ON DISCS - 💆 ---

Ceramic Roll-On Discs

Self-sharpening ceramic grain and cool grinding aid for fast, aggressive cutting action on hard-to-grind materials. Use on steel, stainless steel and heat sensitive materials.

Part Number	Size (mm)	Brand	Grit	R.P.M	Box Qty
RO CD 50-024	50	CGW	24	25,000	50
RO CD 50-036	50	CGW	36	25,000	50
RO CD 50-060	50	CGW	60	25,000	50
RO CD 50-080	50	CGW	80	25,000	50
RO CD 50-120	50	CGW	120	25,000	50
RO CD 76-036	76	CGW	36	20,000	25
RO CD 76-060	76	CGW	60	20,000	25
RO CD 76-080	76	CGW	80	20,000	25
RO CD 76-120	76	CGW	120	20,000	25



Unitized Roll-On Discs

Easily deburrs, cleans, blends and polishes. Suitable for metal, plastic and composite materials.

Part Number	Size (mm)	Brand	Grit	R.P.M	Box Qty
RO UW 76 2A M	76	CGW	2A Medium	20,000	10
RO UW 76 2S F	76	CGW	2S Fine	20,000	10
RO UW 76 6A C	76	CGW	6 A Coarse	20,000	10



Surface Conditioning Roll-On Discs

Automated spin-weld attachment process for fast and secure fastening. Suitable for stainless steel, and ferrous & non-ferrous metals.

Size (mm)	Brand	Grit	R.P.M	Box Qty
50	CGW	Coarse	25,000	50
50	CGW	Medium	25,000	50
50	CGW	Fine	25,000	50
76	CGW	Coarse	20,000	25
76	CGW	Medium	20,000	25
76	CGW	Fine	20,000	25
	50 50 50 76 76	50 CGW 50 CGW 50 CGW 76 CGW 76 CGW	50CGWCoarse50CGWMedium50CGWFine76CGWCoarse76CGWMedium	50 CGW Coarse 25,000 50 CGW Medium 25,000 50 CGW Fine 25,000 76 CGW Coarse 20,000 76 CGW Medium 20,000



Roll-On Backing Pads

Medium grade reinforced rubber pad holder.

Part Number	Description
RO BP 050-6	45mm Backing Pad 6mm Shaft
RO BP 075-6	75mm Backing Pad 6mm Shaft
RO BP 075-M14	75mm Backing Pad M14 / 6mm Shaft
RO BP M10 ADAP	M10 Adaptor for Roll-On Holder
RO BP M14 ADAP	M14 Adaptor for Roll-On Holder





- LINISHING BELTS -

Belts are produced in house using Karbosan material that is available in *Zirconia, Aluminium Oxide, Ceramic Trizact and Surface Conditioning*. This in house production gives us the ability to produce belts in any width and length required.

The tables below highlight the selection of sizes we carry in stock, however, we have the ability to produce belts in wide range of sizes, grits and material to suit your needs!

Standard belt Sizes + Grits in stock

We keep in stock the below sizes and grits of belts - primarily of Zirconia material.

Part Number	Size (mm)	Grit Range	Pack Qty
BZ 915050	50 x 915	40, 60, 80 & 120	10
BZ 1220050	50 x 1220	40, 60, 80 & 120	10
BZ 1520050	50 x 1520	40, 60, 80 & 120	10
BZ 2745050	50 x 2745	40, 60, 80 & 120	10
BZ 2000075	75 x 2000	40, 60, 80 & 120	10
BZ 915100	100 x 915	40, 60, 80 & 120	10
BZ 1220100	100 x 1220	40, 60, 80 & 120	10
BZ 1520100	100 x 1520	40, 60, 80 & 120	10
BZ 2000100	100 x 2000	40, 60, 80 & 120	10
BZ 2745100	100 x 2745	40, 60, 80 & 120	10
BZ 1220150	150 x 1220	40, 60, 80 & 120	10



Aluminium Oxide Portable Belts

Multi-purpose sanding on portable belt machine. Special sizes will be made upon request.

Part Number	Size (mm)	Grit Range	Pack Qty
BA 533075	75 x 533	40, 60, 80, 100 & 120	10
BA 610075	75 x 610	40, 60, 80, 100 & 120	10
BA 533100	100 x 533	40, 60, 80, 100 & 120	10
BA 610100	100 x 610	40, 60, 80, 100 & 120	10



Power File Belts

Incorporates a grinding aid which allows the belt to run cooler. Special sizes will be made upon request.

Size (mm)	Grit Range	Pack Qty
10 x 330	40, 60, 80 & 120	10
13 x 454	40, 60, 80 & 120	10
20 x 520	40, 60, 80 & 120	10
30 x 533	40, 60, 80 & 120	10
	10 x 330 13 x 454 20 x 520	10 x 330 40, 60, 80 & 120 13 x 454 40, 60, 80 & 120 20 x 520 40, 60, 80 & 120





- FLAP WHEEL DRUMS - 🖢

Zirconia Flap Wheels Drum

Firm, zirconia aluminium oxide coated flaps for long working life. Fast and cool finishing.

19mm keyhole arbor.

Part Number	Size (mm)	Brand	Grit	Box Qty
FWD Z 100100 040	100 x 100 x 19	CGW	40	5
FWD Z 100100 060	100 x 100 x 19	CGW	60	5
FWD Z 100100 080	100 x 100 x 19	CGW	80	5
FWD Z 100100 120	100 x 100 x 19	CGW	120	5



Non-Woven Flap Wheels Drum

Quality, non-woven material impregnated with aluminium oxide grain for consistent finishes. For polishing, blending, deburring, cleaning, and brightening.

Part Number	Size (mm)	Brand	Grit	Box Qty
FWD SC 100100 C	100 x 100 x 19	CGW	Coarse	5
FWD SC 100100 M	100 x 100 x 19	CGW	Medium	5
FWD SC 100100 F	100 x 100 x 19	CGW	Fine	5

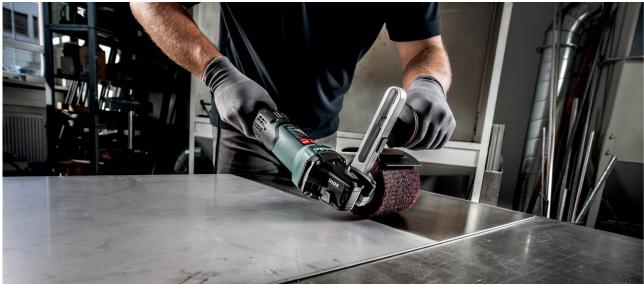


Combination Flap Wheels Drum

Alternating flaps of non-woven and aluminium oxide coated abrasives materials for fast, uniform finishes. Medium grade drums provide consistent stain finishes.

Part Number	Size (mm)	Brand	Grit	Box Qty
FWD C 100100 060	100 x 100 x 19	CGW	60	5
FWD C 100100 080	100 x 100 x 19	CGW	80	5
FWD C 100100 120	100 x 100 x 19	CGW	120	5
FWD C 100100 180	100 x 100 x 19	CGW	180	5







- MOUNTED FLAP WHEELS - ---

Aluminium Oxide Flap Wheel

Firm quality aluminium oxide coated abrasives material.

The flaps arranged like a fan around the shaft of the tool, provide for consistent cutting action, maximum performance and long life.

Part Number	Size (mm)	Brand	Grit Range	Box Qty
FW 20 15	20 x 15	Calflex	40, 60, 80, 100 & 120	10
FW 25 25	25 x 25	Calflex	40, 60, 80, 100 & 120	10
FW 30 15	30 x 15	Calflex	40, 60, 80, 100 & 120	10
FW 40 20	40 x 20	Calflex	40, 60, 80, 100 & 120	10
FW 50 20	50 x 20	Calflex	40, 60, 80, 100 & 120	10
FW 60 30	60 x 30	Calflex	40, 60, 80, 100 & 120	10
FW 80 30	80 x 30	Calflex	40, 60, 80, 100 & 120	10



Non-Woven Flap Wheel

100% non woven aluminium oxide flap wheels provide excellent flexibility and conforms to work surface. Light cleaning and stain finish.

Part Numbe	r Size (mm)	Brand	Grit Range	Box Qty
FWNW 30 3	0 30 x 30	Calflex	Coarse, Medium & Fine	10
FWNW 40 2	0 40 x 20	Calflex	Coarse, Medium & Fine	10
FWNW 50 2	5 50 x 25	Calflex	Coarse, Medium & Fine	10
FWNW 60 3	0 60 x 30	Calflex	Coarse, Medium & Fine	10



Combination Flap Wheel

Alternating flaps of non-woven and coated abrasives for fast, uniform surface preparation and finishes. Coarse grade wheels easily clean, blend, and debur. Very fine grade wheels for stain finishing.

Part Number	Size (mm)	Brand	Grit Range	Box Qty
FWC 40 20	40 x 20	Calflex	60, 80 & 120	10
FWC 50 25	50 x 25	Calflex	60, 80 & 120	10
FWC 50 30	50 x 30	Calflex	60, 80 & 120	10
FWC 60 30	60 x 30	Calflex	60, 80 & 120	10





- UNMOUNTED FLAP WHEELS - OPPO

Aluminium Oxide Unmounted Flap Wheels

Quality aluminium oxide grain for consistent finishes

Unmounted flap wheels are recommended for cleaning, blending, deburring and finishing Tapered wooden centre available for use with tapered spindle adaptors.

Part Number	Size (mm)	Brand	Grit	Box Qty
FW 16525	165 x 25	Calflex	60, 80 120	5
FW 16550	165 x 50	Calflex	40, 60, 80, 120, 180	5



Combination Unmounted Flap Wheels

Quality, non-woven material impregnated with aluminium oxide grain for consistent finishes. For polishing, blending, deburring, cleaning, and brightening.

Part Number	Size (mm)	Brand	Grit	Box Qty
FW 150050 COMBI C	150 x 50	Calflex	Coarse	5
FW 150050 COMBI M	150 x 50	Calflex	Medium	5
FW 150050 COMBI F	150 x 50	Calflex	Fine	5



Non-Woven Flap Wheels

Non-woven abrasive flap wheels have a lower removal capacity and are particularly indicated for satin finishing and grinding of metal surfaces.

Part Number	Size (mm)	Brand	Grit	Box Qty
FWNW 150 25 F	150 x 25	Calflex	Fine	10
FWNW 150 50 F	150 x 50	Calflex	Fine	10



Angle Grinder Flap Wheels

Attaches directly onto angle grinder Ideal for deburring, rust removal and on-site touch up jobs Extremely universal wheel.

Part Number	Size (mm)	Brand	Grit	Box Qty
FW 115	115 x M14	Calflex	40, 60	5
FW 125	125 x M14	Calflex	40, 60, 80, 120	5



Tapered Spindles

Tapered spindles for use on bench grinders.

Available in a range of sizes and thread directions depending on your requirements.





- CARTRIDGE ROLLS + SPIRAL BANDS - --

Cartridge Rolls

Light deburring and porting metal in confined working areas.

Other sizes and grits available upon request.

Part Number	Size (mm)	Desc.	Brand	Grit	Box Qty
CR 937 T	9 x 27	Parallel	Calflex	80	10
CR 1237 P	12 x 37	Parallel	Calflex	60, 80, 100 & 120	10
CR 1237 T	12 x 37	Tapered	Calflex	60, 80 , 100, 120 & 180	10
CR 1950 P	18 x 50	Parallel	Calflex	80	10
CR 1950 T	19 x 50	Tapered	Calflex	40, 60	10
CR 2050 P	20 x 50	Parallel	Calflex	60, 80	10



Cartridge Roll Mandrels

Part Number	Size (mm)	Brand	Desc.
CRM 6-24-3	6-24-3	Calflex	Fits 9x37 + 12x37 Rolls
CRM 6-30-5	6-30-5	Calflex	Fits 19x50 + 20x50 Rolls



Spiral Bands

Reinforced spiral bands are small rings of abrasive cloth glued on a cotton backing.

All spiral bands must be used with a rubber holder, which must be of the same dimension.

 $Other {\it sizes available upon request.}$

Part Number	Size (mm)	Brand	Grit Range	Box Qty
SB 19 25	19 x 25	Calflex	60, 80, 120	25
SB 20 22	20 x 22	Calflex	60, 80, 120	25
SB 25 25	25 x 25	Calflex	60, 80, 120	25
SB 38 25	38 x 25	Calflex	60, 80, 120	25
SB 45 30	45 x 30	Calflex	60, 80, 120	25
SB 51 25	51 x 25	Calflex	60, 80, 120	25



Spiral Band Mandrels

Part Number	Sizes available.
SB MND	19x25, 20x22, 25x25, 38x25, 45x30, 51x25







- COATED ABRASIVES -

Abrasive Sheets

Dry Sheets have a Aluminium oxide grain. Wet & Dry Sheets have a Silicon carbide grain and are waterproof.

Part Number	Size (mm)	Brand	Grit Range	Box Qty
SH DRY	230 x 280	Riken	80 - 400	50
SH WET	230 x 280	Riken	60 - 2000	50



Shop Rolls

Premium shop roll backing is more flexible for longer life. For multiple types of work including cleaning, deburring, and polishing.

Part Number	Size (mm)	Brand	Grit
SHOP ROLL 040	38 x 50	Karbosan	40
SHOP ROLL 060	38 x 50	Karbosan	60
SHOP ROLL 080	38 x 50	Karbosan	80
SHOP ROLL 100	38 x 50	Karbosan	100
SHOP ROLL 120	38 x 50	Karbosan	120
SHOP ROLL 150	38 x 50	Karbosan	150
SHOP ROLL 180	38 x 50	Karbosan	180
SHOP ROLL 220	38 x 50	Karbosan	220
SHOP ROLL 240	38 x 50	Karbosan	240
SHOP ROLL 280	38 x 50	Karbosan	280
SHOP ROLL 320	38 x 50	Karbosan	320
SHOP ROLL 400	38 x 50	Karbosan	400



Velcro Discs

Speed grip discs have a quick release backing that allows quick and easy disc changing, increasing performance by minimising downtime.

Velcro discs are suitable for dustless sanders, they have a zinc coating to help stop loading of the discs on painted surfaces. Ideal for grinding and finishing.

Backing pads available.

Part Number	Size (mm)	Brand	Hole	Grit Range	Box Qty
VD 125	125	Norton H233	8	40 - 60	50
VD 125	125	Norton A275	8	80 - 400	100
VD 150	150	Norton H233	6+1	40 - 60	50
VD 150	150	Norton A275	6+1	80 - 800	100









Sticky PSA Discs

Gold is a durable product very well suited for sanding at high speeds. Aluminium oxide grain, resin over resin, latex paper backing, semi-open coating. All-round sanding material that can be used for many purposes.

Backing pads available.

Part Number	Size (mm)	Brand	Grit Range	Box Qty
SD 150 M	150	Mirka	40 - 80	50
SD 150 M	150	Mirka	100 - 400	100



- GRINDING WHEELS - 中国中

Bench Grinding Wheels

General-purpose vitrified bench grinding wheels for use on bench and pedestal grinders. Bench grinding wheels are available in diameters of up to 18" (450mm).

Wide range of sizes available in each material.

A – Aluminium oxide for steel and metal.

GC – Silicon carbide for carbide or non-ferrous metals.

WA – White aluminium oxide for steel and stainless steel.

WAB (AZ) – White aluminium oxide with blue bond for high speed steel (HSS).





Wheel Dressers

Wheel Dressers are designed for dressing truing sharpening and removing glaze from solid abrasive wheels. Range of sizes available to suit multiple wheel depths.

- MOUNTED POINTS - --

Mounted Points

'A' shape - 6mm shank: general purpose, off-hand applications.

'B' shape - 3m shank: light deburring of small areas.

'W' shape - 3mm & 6mm shank: precision grinding operations for medium to heavy stock removal.



Wide range of sizes available in each shape.

Vitrified Mounted Points

PA - Pink aluminium oxide for general purpose grinding of most types of steel and iron.

Resinoid Mounted Points

Resinoid mounted points are used in fabrication shops and foundries for rapid stock removal of stainless steel and cast iron.

Rex-Cut Mounted Points

Rex-Cut's signature mounted points are engineered for blending, deburring, and finishing machined and cast parts.

Felt Mounted Points

Felt Mounted Points are used for finishing work in hard to reach places such as corners, troughs and recesses.



- CLEAN + STRIP DISCS - # ---

Non-woven material impregnated with abrasive grain.

For cleaning welds and removing rust, paint and sealants on all ferrous and non-ferrous metals, fibreglass, stone, and wood.

Red Strip Discs

More rigid for faster working on angled and irregular surfaces.

Part Number	Size (mm)	Brand	Туре	Box Qty
SD DC 115 R	115	CGW	T27	50
SD DC 125 R	125	CGW	T27	50



Black + Purple Strip Disc

Ideal for surface preparation of metal and timber surfaces prior to painting or other finishing. The Purple disc has a stiffer construction and is more aggressive than the Black disc.

Part Number	Size Range (mm)	Туре	Box Qty
SD DC B	100, 115, 125, 180	T27	50
SD DC P	100, 115, 125, 180	T27	50



Shaft Mounted Strip Disc

StripX wheels are ideal for surface preparation of metal and timber surfaces prior to painting or other finishing, cleaning up welds, injection moulds and gasket removal leaving a smoother finish than the traditional wire brush.

Part Number	Size (mm)	Colour	Box Qty
SD SM 50X25X6	50 x 25 x 6	Black	1
SD SM 75X13X6	75 x 13 x 6	Black	1
SD SM 75X25X6	75 x 25 x 6	Black	1



- MULTI FINISH WHEELS - 中国

Made for general purpose cleaning, rust removal and removal of discolouration from welds. Long life, high stock removal, conforms to work piece.

Runs directional.

Suitable for bench grinder, tapered spindle optional for portable standing grinder.

Part Number	Size (mm)	Brand	Specs.	Box Qty
NWDW 150-25 2SC	150 x 25 x 25	CGW	2/S/Coarse	2
NWDW 150-25 2SM	150 x 25 x 25	CGW	2/S/Medium	2
NWDW 150-50 2SC	150 x 50 x 25	CGW	2/S/Coarse	1
NWDW 150-50 2SM	150 x 50 x 25	CGW	2/S/Medium	1







- UNITIZED DISCS - 🥰

Unitized material on a firm, long lasting backing for use on right angle grinders. Easily works on large and small areas to clean, blend, surface finish, and polish.

Part Number	Size (mm)	Brand	Specs.	Box Qty
UD 125 2S	125×22.23	CGW	2/S/Fine	10
UD 125 6A	125×22.23	CGW	6 / A / Medium	10



NON-WOVEN ABRASIVES -

Scotch-Brite Hand Pads & Rolls

Mineral impregnated nylon webs designed for general cleaning, paint scuffing, and finishing operations. Pad holder recommended for pads used to put a linear scratch pattern onto stainless steel sink benches.

Colour	Material	Brand	Grade
Dark Green	Aluminium Oxide	3M	Coarse
Brown	Aluminium Oxide	3M	Medium
Green	Aluminium Oxide	3M	Medium
Maroon	Aluminium Oxide	3M	Very Fine
Charcoal	Silicon Carbide	3M	Medium
Grey	Silicon Carbide	3M	Very Fine



Surface Conditioning Discs - Hook and Loop

Impregnated with abrasive grain for fast material removal. Designed for long working life and resists loading.

Use on steel, stainless steel, aluminium, titanium and alloys, fibre glass, plastic and glass fibre.

Part Number	Size (mm)	Grit Range	Brand	Box Qty
SCD 100	100	CRS, MED, FIN	3M	25
SCD 125	125	CRS, MED, FIN	CGW	10
SCD 200	200	CRS, MED, FIN	3M	20



Flexi-Wheels

Constructed from a high strength three dimensional non-woven nylon impregnated with Aluminium Oxide mineral. Designed for light cleaning of metals, de-fuzzing wood and light general purpose application.

Part Number	Size (mm)	Specs.	Brand	Box Qty
3M FLX 200-2 C	200 x 2	Coarse	3M	1
 3M FLX 200-2 M	200 x 2	Medium	3M	1
3M FLX 200-5 M	200 x 5	Medium	3M	1





- POLISHING - OPO -----

Loose Leaf Calico Mops

The best all round mops for finishing steel and pressed brass-ware, nickel-silver copper etc. Ideal for general work.

Part Number	Size (mm)	Specs.
MOP B CAL 100	100	50, 75, 100 & 150 Leaves
MOP B CAL 150	150	50, 75, 100 & 150 Leaves
MOP B CAL 200	200	50, 75, 100 & 150 Leaves
MOP SM 2 MUSHROOM	50	6mm Shaft
MOP SM 3 MUSHROOM	75	6mm Shaft
MOP SM 4 MUSHROOM	100	6mm Shaft
MOP SM 63mm DRUM	63	6mm Shaft
MOP SM 63mm TAPER	63	6mm Shaft





White Stitched Mops

Economic, general purpose mop, made from best quality cotton. Used for polishing non ferrous metals.

Part Number	Size (mm)	Section Range	
MOP WHITE 150	150	1, 2 & 3	
MOP WHITE 200	200	1, 2 & 3	
MOP WHITE 250	250	1, 2 & 3	
MOP WHITE 300	300	1, 2 & 3	
MOP SM 2	50	50 Fold, 6mm Shaft	
MOP SM 3	75	50 Fold, 6mm Shaft	
MOP SM 4	100	50 Fold, 6mm Shaft	





Sisal Mops

Economic, general purpose mop, made from best quality cotton. Used for polishing non ferrous metals.

Half & Fully Treated Mops also available in all sizes.

Part Number	Size (mm)	Specs.
MOP SISAL 150	150	1, 2 & 3 Section
MOP SISAL 200	200	1, 2 & 3 Section
MOP SISAL 250	250	1, 2 & 3 Section
MOP SM 4 SISAL	100	6mm Shaft





Carbrax Compound Bar

Classic grey heavy cutting compound for hard metals such as stainless steel, iron and titanium.



Hyfin Compound Bar

A quality finishing compound with a slightly finer grade of abrasive than blue. Commonly used with Loose mops or white stitched mops. This compound has a some cut and high colour.



Steelbrite Polishing Compound

Used for mirror finishing stainless steel and a range of non-ferrous metals. Particularly good on Aluminium.



Vonax Compound Bar

A specially formulated fine polish for finishing plastic, lacquers and woods. Commonly used with Loose finishing mops such as G quality, Reflex Quality or WDR quality.



Tripoli Compound Bar

Very popular in the jewellery trades and other industries. Used for cutting and brush finishing.



Satine Greaseless Compound

Produces a Satin, Butler, or Semi-Bright finish.

Use for Burring, Polishing, Trimming, Blending, Breaking Edges and Removing Machine Marks, Pits, and Surface Imperfections.



Grease Compound

This Bobbing Grease compound is greasier than the Stearene. It can be used to lubricate cutting discs and belts, satin finishing wheels and felts.



Stearene Compound

This compound contains no abrasives and is used to lubricate and prevent the clogging of abrasives. It also works well in lubricating blades, belts and satin finishing wheels.

*Other Compounds available upon request



Autosol Polishing Range

It safely and easily removes oxidation, corrosion, stains, and rust. It produces a brilliant reflective luster and leaves an invisible protective coating to ensure a long-lasting shine.



Whiting Powder

Whiting Powder is used as a filler pigment to increase the coverage of paints, coating and whitewash. The Whiting Powder is a very fine white powder slightly abrasive composed mostly of calcium carbonate.



makita JAL



- WIRE BRUSHES -

Crimped Wire Cup Brushes

Appropriate for brushing large surface with a medium removal capacity
Use for removal of rust, paint or any kind of adherence on any metallic structures, ship building, stone and concrete, etc.

Available in a wide selection of sizes and materials.



Twist Knot Wire Cup Brushes

The twist knot wire allows: Long working life; high removal capacity; possibility of working at high speed.

Available in a wide selection of sizes and materials.



Hand Wire Brushes

Special design offering long working life & maximum removal capacity. High wire density for a higher brushing pressure. For the removal of rust, paint & any kind of adherence.

Available in a wide selection of materials.



Bevel Wire Brushes

High removal capacity and efficiency at high speed performance. Comfortable use and eliminates human fatigue. Special design allowing access to angle and flexible performance on any surface.

Available in a wide selection of sizes and materials.



Wire Wheels

Crimped cable made of several wires each. These are groups of 0.23 diameter high resistance steel wire, making a flexible, compact and aggressive brush.

For removal of rust, paint, scale & dirt, etc.

Available in a wide selection of sizes and materials.



End Wire Brushes

Removal of edge, scale, paint, rust, rubber & metal piece. Shape and dimensions for use in difficult places to access, holds, cones, etc.

Available in a wide selection of sizes, types and materials.



Java Brushes

The Buffing Brush is ideal for metal finishing and wood polishing. Often used by furniture manufacturers and professional plating surfaces.

Available in a wide selection of sizes, and styles.









- ENGINEERING TOOLS -

HSS Jobber Drills

Evacut Bright Finish Jobber Drills have no surface treatment and are supplied in the as-ground condition.

Suitable for every day drilling through wood, metal and plastic.

Available in sizes 1mm-13mm, 0.5mm increments. Larger sizes available in reduced shank.



SDS+ Drills

Suits all Rotary Hammers fitted with an SDS Plus chuck.

Makita Nemesis II - 4 Cutter Geometry - Ideal for fastening applications with a true round hole. 4 Flute Design - For faster dust removal.

Available in sizes 5mm-32mm in various lengths.



Double Ended Panel Drills

Developed to drill holes for rivets in flat and curved panels and used in sheet metal fabrication. Bright finish for general purpose applications, non-ferrous metals & plastics.

Available in sizes 1/8", 3.3mm, 4.09mm and 4.85mm.



HSS Step Drills

Step depth of 5mm.

Drills are a multi-layered premium tool designed to cut holes in sheet metal materials, with a thickness of up to 4 mm.

Burr-free drilling without sheet deformation.

Available in 3 sizes: 4 - 12mm, 4 - 20mm, 6 - 30mm, 6 - 36mm

Also available in sets.



Countersinks

Countersink tools are usually a single or multi fluted cutter to machine and leave an angled conical, chamfered recess on the finished job.

The countersink bit or tool is ideally used for deburring holes as well.

Wide variety of sizes available in crosshole, single-flute or 3-flute.



Taps + Dies

Sutton Tools Carbon Hand Taps are ideal for routine maintenance, repair work and for rethreading where high accuracy and tolerance thread is not critical.

Wide variety of sizes and types available. Tape wrenches also available.



Tungsten Carbide Burs

Suitable for a wide range of metal working applications including weld preparation, finish dressing of welds, fitting operations and more.

Material of any tensile strength can be worked freehand.

All sizes & types available.







Milling Cutters

For precision milling of slots & cavities.

Available in a range of sizes.

Hand Files

Flat Files - Double cut on both sides & single cut on edges.

Mill Files - Single cut on the sides.

Half Round Files - Double cut on both sides, and single cut on edges.

Round Files - Double cut and taper towards the point in diameter.

Square Files - Double cut on all four sides and taper towards the point.

Available in sizes a range of lengths.





- SAWS + BLADES -

Bi Metal Hole Saws

High-speed steel cutting edge provides shock resistant teeth and resists tooth strippage. 4/6 positive tooth configuration allows for fast, smooth cuts and less vibration.

Available in sizes 16-152mm. Mandrels also available.



Band Saw Blades

Ideal for sawing structural, tubes and small solids and pull-down, gravity fed machines with uncontrolled feed rates.

Available in sizes a range of sizes. Custom sizes made to order.



TCT Saw Blades

High grade Tungsten Carbide with low wear rate for extended blade life. Precision honed for a sharper, longer, lasting edge.

Available in sizes a range of sizes and material applications.



JIG + Hacksaw Blades

Bi-Metal HSS Hacksaw Blades are shatter-proof, with superior cutting power & flexibility. Available in 18, 24 + 32TPI.

Bi-Metal Unique JIG saw blades with exceptionally strong teeth.

Available in sizes a range of sizes and material applications.



Sabre Saw Blades

Purpose designed for heavy-duty demolition and emergency extrication.

The blade for ripping through just about anything.

Available in sizes a range of sizes, material applications and pack sizes.











- MEASURING -

Callipers + Dividers

Callipers and dividers have a spring joint for precision settings. Legs pivot on a roller and are tensioned by a bow spring. They provide a high degree of accuracy and repeatability. Inside and Outside options available.

Levels

A complete line of spirit levels with the most innovative features and highest quality craftsmanship. A wide range including box section levels, I-beam levels, toolbox levels, post and pipe levels, gradient levels and construction levels.



Measuring Tapes

Huge range of tape measures from 3M - 60M. Various different brands and styles to suit all jobs. Pocket tapes, wheel tapes and more. Stainless Steel, Spring, End Hook, and Washable Blades. Wide selection of lengths, types and brands available.



Rulers + Squares

Stainless Steel Rulers- 150mm - 1,000mm. Combination squares + engineering squares in a variety of sizes.



Vernier Callipers + Micrometers

Wide variety of Mitutoyo, Vertex & Limit vernier callipers and micrometers available. Available in both digital and standard.



STRIKING TOOLS -

Ball Pein Hammers

Standard ball pein hammers available in a range of sizes. Handles available in Hickory and Fibre Glass.



Club and sledge hammers.

Wide range of sizes and weights available.



Dead blow, rubber and nylon hammers.

Wide range of sizes and weights available.























- CLAMPS + VICES -

C Clamps

Wide-opening jaws provide greater versatility in clamping a variety of shapes Turn screw to adjust pressure and fit work. Stays adjusted for repetitive use Constructed of high-grade heat-treated alloy steel for maximum toughness and durability. *Wide range of sizes available.*



F Clamps

For high pressure fast action clamping purpose. *Wide range of sizes and lever/handle options.*



Lever Clamps

A quick action lever clamp with a unique design and powerful lever bar that makes it easy to apply the correct clamping force.

Adjustable For Heavy Or Light Duty Applications

Wide selection of lengths, types and brands available.



Bench Vices

The strong body heavy slide jaw and large diameter main screw are designed to withstand tough usage in industrial applications and training workshops.

Available in a range of sizes and styles.



Drill press Vices

The jaw width acts as jaw height facilitating longer work pieces to be held. Fully ground end face allows for right angle machining with the same machine setting.



- HAND TOOLS -

Bits + Drivers

Wide range of types and sizes available. Pozi. Square, Philips, etc. Nutsetters and bit adaptors in a range of sizes. Also available in sets.



Cutting Tools

Left, right and straight snips.

Bolt cutters available in a wide range of sizes.

Tube and pipe cutters for a variety of materials.



Deburring

Best solutions for removing burrs from any type of materials or applications such as Deburring rough edges in holes, for deburring the inside break through of cross holes and also for Deburring sharp corners on external surfaces.











Knives + Blades

Wide variety of knives available for all needs, from packaging knives to auto locking knives and snap-off knives.



Pliers, Cutters & Snips

Circlip Pliers & Sets - For both internal & external retaining rings.
Pliers - Wide range of pliers & sets available.
Crimping Tools - Wire cutters & wire strippers.
Lock Grip - Chrome molybdenum alloy steel, chrome or nickel plated.



Pry Bars

Wide range of styles and sizes available for various applications. Aligning bars, pry bars, wrecking bars, etc.



Punches + Chisels

Flat Chisel - Includes range of sizes for practicality. Flat Chisel & Punch Sets - Included variety of chisels & punches.



Screwdrivers + Hex Keys

Screwdrivers & Sets - Shank material - SNCM, CR - V alloy steel. Insulated Screwdrivers & Sets - Shank material - SNCM - V alloy steel. Hex Key - Chrome plated, SNCM - V alloy steel.



Socketry

Standard Sockets - Chrome vanadium/molybdenum alloy steel. Deep Sockets - Chrome vanadium/molybdenum alloy steel. Ratchets - Handle & gear of chrome vanadium alloy steel. Available in Sizes 1/4", 3/8", 1/2", 3,4" and 1"



Socket & Sets in a range of sizes.

Torque Wrenches

Torque wrenches can be used for both tightening and final checking of the torque. *Wide range of sizes and specs available.*



Wrenches + Spanners

Combination Wrenches & Sets - Chrome plated.
Adjustable Wrenches - Polish, phosphate & chrome plated.
Heavy Duty Wrenches - Chrome plated.
Open Ended Wrenches & Sets - Chrome plated, 15° open ended angle.

Available in a wide range of sizes.



Podger Bars

Ratcheting Podger Wrench Podgers with two sizes per wrench. *Wide range of sizes available.*



^{*}Please note, not all Tools available feature in this catalogue. Please see our website for entire range.

- POWER TOOLS -

TGA International Ltd is an **Authorized Distributor of** Hikoki, Makita, Fein, Metabo & Bosch Power Tool

POWER TOOL AND WELDER REPAIR SERVICES

Hikoki Power Tools



Established in 1948 as Hitachi, HiKOKI Power Tools was introduced in late 2018 to redefine how the world uses power tools. HiKOKI, a brand built on a proven legacy is delivering the next generation of Power Tool innovation. HiKOKI strives to create the best power tool solutions by breaking boundaries in innovative design as well as delivering award winning and break-through power tool technology.

Bosch Power Tools



The professional power tools from Bosch are engineered for excellence – meeting the highest standards in speed, precision and robustness for great, professional work results.

Makita Power Tools



Makita (NZ) Ltd is a subsidiary of Makita Corporation of Japan and started importing power tools into New Zealand, with the 1000 Power Planer, back in 1961.

Fein Power Tools



FEIN has been among the world's leading power tool manufacturers for over 140 years. With every new product innovation, FEIN continues to pay attention to its own demand to only develop durable power tools.

Metabo Power Tools



In every Metabo tool there is traditional Swabian engineering ingenuity. Since 1924 Metabo have been developing innovative ideas in their Nürtingen plant and have been implementing them into pioneering tools and perfect accessories for professional users directly on site.



- Cordless Tools
- Machinery Range
- Planers
- Nibblers
- Metal Saws
- Drills
- Sanders
- Breakers
- Shears
- Disc Cutters
- Grinders
- Polishers
- Screwdrivers
- Heat Guns
- Rebar Cutters / Benders
- Saws
- Routers
- Wrenches
- Nailers
- Accessories

- AIR TOOLS -

Well Made Air Tools



Well Made provide various air tools for vehicle services, from Air Impact Wrenches to Air Spray Guns. Manufactured in Taiwan since 1979, Well Made offer affordable products with high quality assurance.

Shinano Industrial Air Tools



Shinano Inc. is a leading global air tool manufacturer, delivering a range of automotive, production and light industrial tools for everyday and professional use. Established in 1949, Shinano is a leading Japanese pneumatic tool manufacturer preferred by handymen and professionals alike.

Gison Pneumatic Tools



Gison began manufacturing air tools (pneumatic tools) in 1973. Gison proudly states that "Wherever industry goes there are GP tools". Gison's goal is to provide the best possible products, reasonable prices combined with impeccable service.

Dynabrade Pneumatic Tools



Made in the USA since 1969, Dynabrade has earned a reputation for excellence and a position of leadership in the innovative design and manufacturing of unique portable abrasive power tools and related accessories.



- Grinders
- Drills
- Sanders
- Screwdrivers
- Wrenches
- Ratchets
- Polishers
- Cutting Tools
- Drivers
- Nibblers
- Grease Guns
- Saws
- Spray Guns
- Belt Tools
- Nailers

- Compressors
- Air Line Accessories
- Riveters
- Scalers
- Deburrers



MAGNETIC DRILLING MACHINES -

DRILLING MACHINES FOR ALL APPLICATIONS

JEI Solutions offers a vast array of portable magnetic drilling machine solutions. From the lightweight yet powerful MiniBeast™ to the robust pneumatic AirBeast®, JEI have something suitable for projects both large and small. JEI's magnetic drilling machines are designed to meet the most vigorous and complex demands in hole-making, even in the most precarious of working environments.







MAGBEAST HM50

ANNULAR CUTTERS

HSS RANGE

DELIVERS INCREASED CUTTING POWER, REDUCED RESISTANCE AND ENHANCED TOOL LIFE - MORE HOLES PER CUTTER.

Turbo™ Steel is a high quality, fully CNC ground M2-AL cutter, designed to provide the very optimum performance of a HSS Cutter.

TCT CUTTERS

CUTTERS THAT GET THE JOB DONE

When it comes to reliability, efficiency and getting the job done, the Turbo™ range of TCT (Tungsten Carbide Tipped) cutting tools by JEI are the go-to choice. Not only do JEI's TCT cutters last longer and out-perform the cheaper alternatives, they save you money in the long term by reducing the need to replace as often.

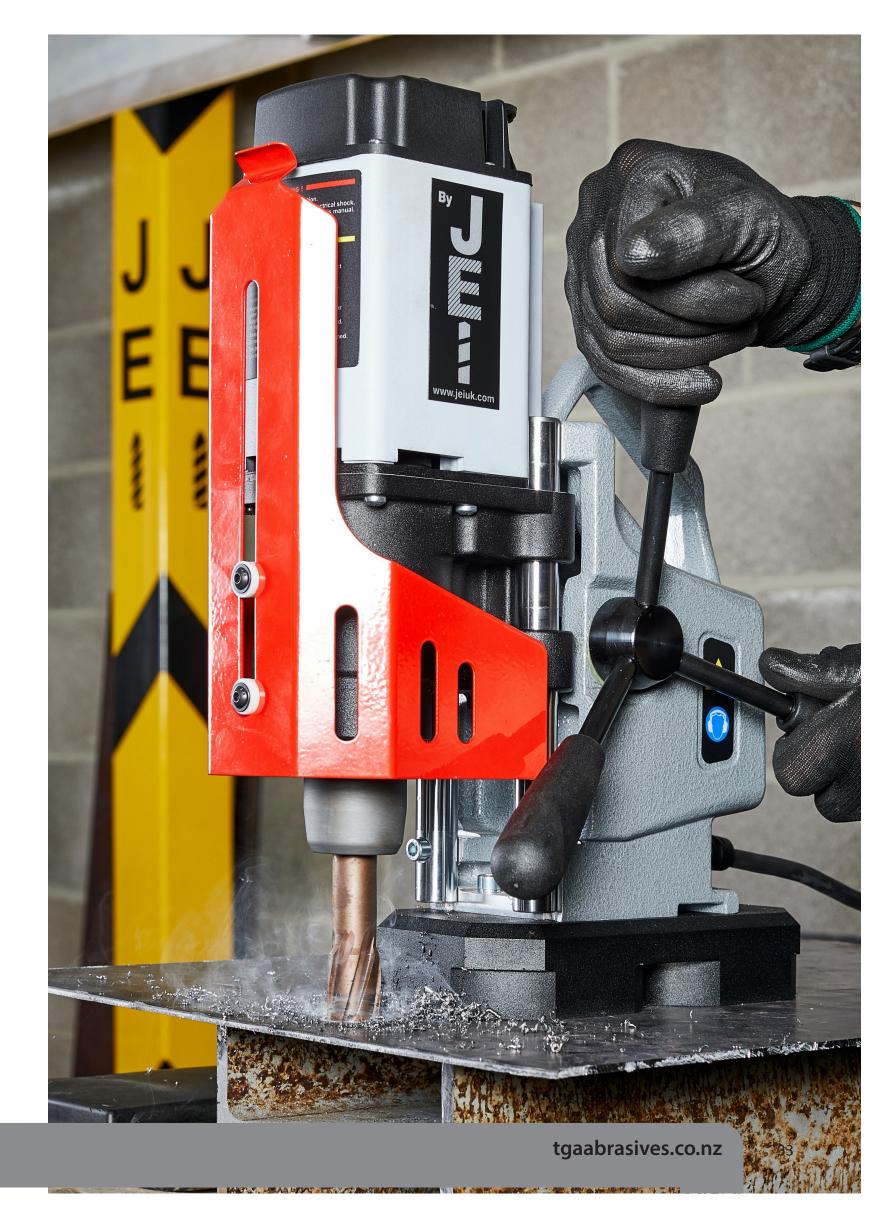
OTHER AVAILABLE BRANDS:













- CIGWELD WELDING EQUIPMENT + ACCESSORIES -

CIGWELD and the brands of Tweco, Arcair, Stoody and Thermal Dynamics are all part of the ESAB line of cutting and welding equipment and solutions.

ESAB is a world leader in the production of Welding and Cutting equipment and consumables. Their innovative, world-renowned equipment and solutions are developed with input from our customers and built with the expertise and heritage of a global manufacturing leader.



OTHER AVAILABLE BRANDS:













MIG CONSUMABLES -

Mild Steel MIG Wire

Autocraft LW1-6 is a high quality copper coated welding wire suitable for the all positional Gas Metal Arc Welding (GMAW) of mild and low alloy steels, used in general fabrication and structural work. Suitable for use with Argon-Based or CO shield gases.

Part Number	Wire Size (mm)	Grade	Brand	Roll Size
WS5008	0.8mm	LW1-6	Cigweld	5 KG
720114	0.8mm	LW1-6	Cigweld	15 KG
WS5009	0.9mm	LW1-6	Cigweld	5 KG
720090	0.9mm	LW1-6	Cigweld	15 KG
720094	1.0mm	LW1-6	Cigweld	15 KG
720096	1.2mm	LW1-6	Cigweld	15 KG



Aluminium MIG Wire

Premium quality Aluminium suitable for the Gas Metal Arc Welding (GMAW) of a wide range of cast and wrought Aluminium alloys.

4043 + 5356 Grades available in a variety of thickness's and roll size.



Stainless MIG Wire

Premium quality, low carbon stainless steel wire for the Gas Metal Arc Welding (GMAW) of matching types stainless steel.

309L + 316L Grades available in a variety of thickness's and roll size.

Fluxcored + Gasless MIG Wire

Smooth running all positional flux cored wire which offers improved operator appeal and lower fume and spatter levels under welding grade carbon dioxide shielding gas.

Range of 71 Graded wire available in a variety of thickness's and roll size.



Hard-facing MIG Wire

Hard surfacing wire for surfacing components subjected to wet or dry hard particle abrasion and low to moderate impact loading.

1.2mm and 1.6mm wire available in 15KG rolls.



MIG Consumables

- -Genuine Binzel MIG torches in a range of sizes and lengths to suit a variety of Machines.
- -Genuine Binzel and Tweco MIG tips, nozzles, diffusers and other torch parts to suit a wide range of Torches.
- -Torch Liners to suit a variety of torch lengths and wire size.
- -Wire feeder rolls.
- -MIG Pliers and other accessories.





















- ARC CONSUMABLES -

General Purpose Electrodes

OK 46.00 is the best, all-round, rutile electrode and it is relatively insensitive to rust or other surface impurities. It deposits smooth weld beads in all positions, including vertical down, and the slag is easy to remove.

Part Number	Size (mm)	Grade	Brand	Packet Size	Carton Qty
OK 46.00 2.5	2.5mm x 350mm	E6013	ESAB	5 KG	3 packets
OK 46.00 3.2	3.2mm x 350mm	E6013	ESAB	5 KG	3 packets
OK 46.00 4.0	4.0mm x 400mm	E6013	ESAB	5 KG	3 packets



Low-Hydrogen Electrodes

OK 53.16 is a double-coated electrode combining the running characteristics of a rutile electrode with the mechanical properties of a basic electrode.

Part Number	Size (mm)	Grade	Brand	Packet Size	Carton Qty
OK 53.16 2.5	2.5mm x 350mm	E7016	ESAB	2 KG	6 packets
OK 53.16 3.2	3.2mm x 350mm	E7016	ESAB	1.6 KG	6 packets
OK 53.16 4.0	4.0mm x 400mm	E7016	ESAB	2.2 KG	6 packets



Low-Hydrogen Electrodes

OK 55.00 is a reliable, high-quality, LMA electrode, particularly suitable for welding high strength low-alloy steels. The electrode is also suitable for welding high strength ships steel, grades A, D and E.

Part Number	Size (mm)	Grade	Brand	Packet Size	Carton Qty
OK 55.00 2.5	2.5mm x 350mm	E7018	ESAB	3 KG	4 packets
OK 55.00 3.2	3.2mm x 400mm	E7018	ESAB	3.7 KG	4 packets
OK 55.00 4.0	4.0mm x 400mm	E7018	ESAB	3.7 KG	4 packets



Stainless Electrodes

Premium quality, stainless steel electrodes. Welding performance is excellent with a very smooth, low spatter arc producing a finely rippled bead surface with excellent slag detach-ability.

309L + 316L Grades available in a variety of thickness's and packet sizes.

Other brands of Electrodes such as BOC and Weldwell are also available.

ARC Welding Accessories

Plenty of other welding accessories such as Electrode Holders, Welding Cable, Cable Connectors, Earth Clamps, Rod Ovens etc. available.









- TIG CONSUMABLES -

Stainless TIG Wire

ProFill 316L stainless steel is a high quality low carbon rod for the gas or gas tungsten arc (TIG) welding of molybdenum bearing stainless steels, in particular matching 316 and 316L alloys.

Part Number	Wire Size (mm)	Grade	Brand	Pack Size
BTGS316L09	0.9mm	ER316LSi	BOC	5 KG
BTGS316L12	1.2mm	ER316LSi	BOC	5 KG
BTGS316L16	1.6mm	ER316LSi	BOC	5 KG
BTGS316L20	2.0mm	ER316LSi	BOC	5 KG
BTGS316L24	2.4mm	ER316LSi	BOC	5 KG
BTGS316L32	3.2mm	ER316LSi	BOC	5 KG



ER309LSi and other Grades also available in a variety of thickness's and pack size.

Aluminium TIG Wire

Premium quality Aluminium – nominal % Silicon Alloy rod used extensively for the repair welding of selected Aluminium alloy castings.

4043 + 5356 Grades available in 1.6mm, 2.4mm and 3.2mm.

Mild Steel TIG Wire

Copper coated, low carbon steel rods for gas tungsten arc welding applications. Ideal for root pass welding applications where tough and ductile welds are produced.

ER70S-6 Grade available in 1.6mm, 2.4mm and 3.2mm.

Tungsten

Variety of Tungsten to suit different TIG Welding applications.

Description	Sizes (mm)	Current	Application	Pack Size
Ceriated	1.6, 2.4, 3.2mm	DC	Stainless Steel	10 rods
Lanthiated	1.6, 2.4, 3.2mm	AC/DC	Steel, Aluminium, Stainless Steel	10 rods
Rare Earth	1.6, 2.4, 3.2mm	AC/DC	Steel, Stainless Steel	3 rods
Thoriated	1.6, 2.4, 3.2mm	DC	Copper, Nickel Alloy, Steel, Stainless Steel	10 rods
Zirconiated	1.6, 2.4, 3.2mm	AC	Aluminium	10 rods



TIG Consumables

Vast range of TIG welding equipment and accessories to suit your welding needs including Genuine Binzel Ceramic Cups, Torch Bodies, Collects, etc.













- PLASMA CONSUMABLES -

CIGWELD Cutskills

Wide range of consumables to suit the CIGWELD Cutskill machines.

-Cutting Tips -Electrodes -Diffusers -Filters -Guides -Shield Cups



Consumables to suit other branded machines, such as BOC, also available.



WELDING ACCESSORIES -

Welding Tables + Accessories

Variety of styles available to suit your requirements and workshop space. Table accessories to enable you to get the most out of your table. Welding torch holders, Clamps, and Levels all in a range of sizes and styles.



The fast & easy way to hold metal work pieces at 45° and 90°. Ideal for round and square tubing angle and flat stock.

Available in a range of different sizes and pull force.

Sheet-metal Magnets

Ideal for positioning and holding sheet metal for butt welding.

Hold sheet metal and automotive metal panels firmly in a positive location for cutting welding tacking painting and repair operations.

Available in a range of different sizes and pull force.

Welder Carts

The perfect addition to any Arc MIG TIG welder or plasma cutter. All steel construction with a durable finish.

Available in a range of different sizes and styles.











- GAS CONSUMABLES -

Regulators

Range of regulators and accessories, such as Flow-meters, O-Rings, Gauges and Inlet Stems.

-Argon/Argoshield -Acetylene -LPG -CO2 -Nitrogen --Oxygen



Brazing + Soldering

Large range of copper and silver brazing alloys to suit your welding applications. Available in a number of percentages of Silver, as well as a Bronze. Variety of fluxes available to suit each brazing requirement.



Gas Rods

Black Annealed rods available in 5KG packs. Sizes available: 1.6mm, 2.5mm, 3.15mm.



Gas Equipment

Quality gas equipment sold individually to the gas kits. Blowpipes, Cutting Attachments, Cutting Guides, Gas Mixers, Welding + Cutting Nozzles, etc.



Flashback Arrestors

Designed to minimise the risk of flame or explosions associated with a flashback travelling any further through in the oxygen/fuel system.

- -Regulator End.
- -Torch End.



Anti-Spatter

Anti-spatter water based spray that prevents weld spatter from adhering to metal surfaces and welding components, available in a range of sizes.

Available both in Liquid and Aerosol.

Pickling Paste

Stainless steel pickling gel that removes heat tint discolouration and black weld scale following stainless steel welding.

Pickling provides superior corrosion protection to grinding or sandblasting. Effective for use after MIG, TIG or Stick Electrode welding.



Gas Kits

Quality gas kits that allow welding, brazing, heating and cutting with confidence.

These sturdy kits provide all the tools needed in an easy-to-carry durable toolbox or carry case.



SIEVERT®

- SIEVERT LPG EQUIPMENT -

Sievert AB is a world leading manufacturer specializing in high-quality heating tools for professionals. Their products represent today's most advanced technology.

Sievert's goal is to develop, manufacture and supply innovative and high-quality tools for all types of soldering, brazing and heating applications.

Sievert has been in business for more than 130 years and today we work together with customers in more than 50 countries all over the world.

Promatic Range

Promatic is the most complete and advanced system in our product range. The patented piezo ignition, universal handle, accessories and advanced ergonomic design make Promatic a world leading system for all heating tasks where efficiency and professional workmanship are the most important requirements.

Pro86 Range

The Pro 86 series meets high standards for performing professional heating tasks. When soldering, paint stripping, shrinking or working with precious metals, the comprehensive range of accessories makes the Pro series a versatile tool for the demanding craftsman.

Pro88 Range

The Pro 88 series is used worldwide by professional roofers and waterproofing specialists. With a complete power burner program, including Titanium torches, the Pro 88 is the ultimate torch system for heavy-duty tasks.







- WELDING SAFETY -

Helmets + Accessories

A variety of Welding Helmets for safe and comfortable welding built to last.

- -General Purpose Lift Front Helmets.
- -Auto Darkening Welding Helmets.
- -Replacement lens and other accessories.

Welding Gloves

Welding gloves are available in a variety of materials to protect your hands while welding.

- -Blue Welding Gloves.
- -Premium TIG Gloves.
- -Leather Gauntlet Gloves.
- -Left only Welding Gloves.

Welding Clothing

Welding wear and welding clothing is specially designed to protect the welder from the intense heat, sparks and spatter from welding jobs.

-Welders Jackets, Aprons, Spats, Sleeves, Wrist Guards, Caps, Trousers, etc..

Welding Workplace Safety

Welding screens, blankets and curtains are commonly used for protection against heat, molten metal slag, fire and sparks.

-Welding Curtains and Blankets.









SAFETY + WORK WEAR-

Eye Protection

A range of modern safety glasses and goggles from a range of brands, ergonomically designed for comfort and protection.

- -Safety Glasses.
- -Safety Goggles.
- -Fit-Over Safety Glasses.
- -Lens Cleaning Wipes + other accessories.

Head + Face Protection

Protective head wear is essential in environments when there is a risk of falling objects or overhanging machinery.

- -Hard Hats.
- -Brow-guard + Head Harness.
- -Polycarbonate/Shaded Visors.

Hearing Protection

Our hearing protection range includes a selection of ear plugs, ear muffs and accessories to meet your workplace needs.

- -Disposable + Reusable Earplugs
- -Free-standing Earmuffs
- -Cap Attachment Earmuffs.





















Hand Protection

Gloves are available in a variety of materials to protect your hands from heat, chemicals, sparks, sharp objects and contamination.

- -Leather Gloves
- -Cut & Abrasive Resistant Gloves
- -General Purpose Gloves
- -Cotton Gloves
- -Rubber & PVC Gloves
- -Disposable Gloves
- -Glove accessories.

Foot Protection

Massive range of boots available from a wide range of Brands such as John Bull, Bata, Blundstone, Steel Blue & more.

- -Slip-on Boots
- -Lace-up Boots
- -Zip-sided Boots
- -Gumboots
- -Safety Shoes
- -Woman's Boots and accessories.

Respiratory Protection

Respirators and air filters are designed to maintain breathable air quality when working in dusty or toxic environments.

- -Disposable + Specialty Dust Masks
- -Half + Full Face Respirators
- -Filers + Cartridges
- -Respirator Cleaning Wipes.

Overalls

Wide range of different styles and sizes available -

- -Domed + Zip Overalls
- -High Visibility Day + Day/Night Overalls
- -Bib + Long Sleeve Overalls
- -Single + Two Colour Design
- -Coveralls.

Work wear

Huge range of work wear, from Jackets, to Hi-Viz Vest, Trousers etc.

- -Shorts + Trousers
- -Sweatshirts + Jackets
- -Shirts + Vets

All available in a wide range of sizes, styles, and colours.

Work wear Accessories

- -Knee pads
- -Back support
- -Aprons
- -Belts + Suspenders

Workplace Safety

Workplace safety products include a range products to suit your workplace needs.

- -First Aid Kits
- -Fire Extinguishers + Trolleys



































- ENGINEERING CONSUMABLES -

Tapes + Adhesives

Extensive range of tapes suitable for a number of different applications.

All tapes come in a range of sizes and colours to ensure you have the right tape for the job.



-Waterproof Cloth Tapes -Double Sided Tape

-Message Printed Tapes -Thread Tape -Anti Slip Tape -Foil Tape



Panasonic Alkaline Batteries and Coin Cell Batteries - for Welding Helmets, Office Equipment and more.

Brushes + Rollers

Chip brushes can be used for big jobs or quick touch-ups and non-application uses like clean-ups. Disposable paint rollers and trays to suit a number of applications.

Cable Ties

Cable Ties made from UV resistant UL approved Nylon 6/6 Variety of sizes available Both Single size packs and Multi size packs available Black, white and multi coloured options

Heavy Duty Extension Leads

230-240V AC 15AMP 2400 WATT (Maximum) 3 core 1.5mm 15AMP flexible heavy duty cable Heavy duty cable insulation Plugs also available.

Engineers Chalk

100 x 15 x 5mm box of Engineering Chalk Holder also available.

Rags

10kg Bags of Coloured and White T-Shirt Compressed: Good absorbency, low lint.

Scrapers

Timber Handle Scrapers in a variety of sizes.

Wraps

Clear and Black Pallet Wrap - high level of puncture & tear resistance. Clear cast Bundle hand wraps and applicators.



















♦GROZ

- LUBRICATION EQUIPMENT -

Grease Guns

Groz have a wide selection of Grease Guns to suit a number of different cartridges. Lever, Trigger & Cordless/Air grease guns available.

Both Heavy Duty and standard available

Wide range of accessories to suit the large variety of grease guns available.

Funnels + Drum Pumps

Robust Funnels and Measurer in a variety of sizes.

Drum Pumps are designed for topping up engines, differentials and gear boxes with a variety of different oils and gasoline, as well as draining back into the drum after use.

Hose Reels + Other Accessories

Industrial quality hose reels in a variety of lengths and different fittings. Range of grease nipples and other accessories such as thread testers to ensure you have the correct fittings for the job.





WORKSHOP CONSUMABLES -

From Adhesives to Zinc, we have a huge range of products from Leading Brands to suit all jobs. Below are the key product categories and brands available in store, however we have access to virtually all products available in the New Zealand Market.

Check out our website for details on all stocked items.

-Lubricants -Penetrates -Cleaners -Corrosion Protection

-Automotive -Paints -Greases -Degreasers -Sealants -Adhesives -Loctite -Cleaning Wipes

-Fuels -Welding Chemicals -Spray Bottles -Hand Cleaners + Skincare































For more information visit us at: www.tgaabrasives.co.nz



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