

# ARTISAN SUPPLIES CATALOGUE



Knifemaking and Blacksmithing

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**V7.9** Images are as a guide only and actual products may vary from those pictured.

Warning: Knifemaking and blacksmithing can be dangerous. When used incorrectly many items in this catalogue can cause harm. Always wear appropriate personal protection equipment, including an appropriate respirator. Please contact us for copies of the Material Safety Data Sheets for the products listed if you do not already have a copy.

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# **Safety Warning**

Knifemaking, Blacksmithing and associated trades are inherently dangerous.

It is not just the obvious risks of hot metal and sharp edges, but also the far more lethal effects of dusts and fumes, and fast spinning machinery.

Please ensure you assess all of the risks, obtain all relevant material safety data sheets (MSDS) and understand the materials you are working with, so you can put measures in place to ensure your safety.

Many timbers have carcinogenic and poisonous dust, it is considered essential shop practice to wear a suitable respirator/dust mask when working with all of the materials used in knife making.

All heating equipment including gas and solid fuel forges, should be used in a well ventilated place.

If there is any doubt about the safety of your workshop practices, Gameco recommends you immediately seek expert advice.

# Knife, Sword and Armour Steel

Steel is not the only factor that makes a great blade. It is more often a combination of steel, heat treating and edge geometry. Notwithstanding that, the steel should be selected to compliment the knife.

It was not that many years ago that stainless steels were considered inferior to carbon steels, however it is now recognized that modern crucible steels can perform as well as, if not better than carbon steels.

Following is our general steel selection. If you require steel that is not on the list, please just ask, we may have it or be able to get it for you.

## Carbon Steels

### New Steels!

1045 is ideal for making hammers and anvil tooling. 1055 is great steel for making armour.

Part Number	Steel Type	Dimensions (Imperial)	Dimensions (Metric)
Simple Carbon Steels 10XX series. The most suitable steels for the new maker, the ease of home heat treating and their excellent performance characteristics make an excellent first knife. In the hands of a master, as a layer in a Damascus billet or in their own right these steels hold their own amongst the best. In general terms, the higher the number, the more carbon the steel contains. The more carbon, the harder, and less tough it will be when heat treated.			
1095 Steel requires a fast quench for optimum performance. We recommend Houghton's K Quench oil.			
1045-M-45-45-1	1045		45 x 45 x 1000mm
1055-M-1.2-900-2	1055		1.2 x 900 x 2000mm
1055-M-1.6-900-2	1055		1.6 x 900 x 2000mm
1055-M-2-900-2	1055		2.0 x 900 x 2000mm
1085-PS-10	1085	10KG Powdered Steel	Ultra Fine
1084-125-1.5-48	1084	0.125 x 1.5 x 48"	3.2 x 38 x 1220 mm
1084-125-2-48	1084	0.125 x 2 x 48"	3.2 x 50 x 1220 mm
1084-187-1.5-48	1084	0.187 x 1.5 x 48	4.75 x 38 x 1220 mm
1084-187-2-48	1084	0.187 x 2 x 48	4.75 x 50 x 1220 mm
1084-250-2-48	1084	0.250 x 2 x 48"	6.35 x 50 x 1220 mm
1084-250-6-48	1084	0.250 x 6 x 48"	6.35 x 150 x 1220 mm
1095-093-4.5-48	1095	0.093 x 4.5 x 48"	2.35 x 114 x 1220 mm
1095-125-1.5-48	1095	0.125 x 1.5 x 48"	3.18 x 38 x 1220 mm
1095-156-2-48	1095	0.156 x 2 x 48"	3.96 x 50 x 1220 mm
1095-187-1-48	1095	0.187 x 1 x 48	4.75 x 25 x 1220 mm
15N20 is basically a simple carbon steel also containing Nickel. Its primary use by bladesmiths, gunsmiths and other manufacturers of "Damascus" pattern welded steel, is to provide a contrasting layer			
15N20-058-1.5-48	15N20	0.058 x 1.5 x 48"	1.47 x 38 x 1220 mm
15N20-072-1.5-48	15N20	0.078 x 1.5 x 48"	1.98 x 38 x 1220 mm
15N20-130-1.5-48	15N20	0.130 x 1.5 x 48"	3.3 x 38 x 1220 mm
15N20-095-2-48	15N20	0.095 x 2 x 48"	2.41 x 50 x 1220 mm
15N20-095-14-39	15N20	0.095 x 14 x 39"	2.41 x 350 x 1000 mm

Part Number	Steel Type	Dimensions (Imperial)	Dimensions (Metric)
5160/SUP9 are spring steels with close to identical compositions and chemistry. They are quenched in oil. When heat treated correctly They are perfect for big knives and swords, where performance and toughness			
5160-25-1.5-48	5160	0.25 x 1.5 x 48"	6.35 x 38 x 1220 mm
5160-25-2-48	5160	0.25 x 2 x 48"	6.35 x 50 x 1220 mm
5160-25-4-48	5160	0.25 x 4 x 48"	6.35 x 100 x 1220 mm
5160-250-1.5-24	5160	0.25" x 1.5 x 24"	6.35 x 38 x 600 mm
5160-250-2-24	5160	0.25" x 2 x 24"	6.35 x 50 x 600 mm
5160-250-3-24	5160	0.25" x 3 x 24"	6.35 x 75 x 600 mm
5160-250-4-24	5160	0.25" x 4 x 24"	6.35 x 100 x 600 mm
5160-RND-1-40	5160	1" Round x 1m	25mm x1000mm
SUP9-M-6-40-1.2	SUP9	1/4" x 1 1/2" x 48"	6 x 40 x 1200mm
SUP9-M-6-45-1.2	SUP9	1/4" x 1 3/4" x 48"	6 x 45 x 1200mm
SUP9-M-6-70-1.2	SUP9	1/4" x 2 3/8" x 48"	6 x 70 x 1200mm
SUP9-M-14-60-1.2	SUP9		14 x 60 x 1200mm
With a similar heat treat to 5160, 80CRV2's extra carbon, and added vanadium mean it is often referred to as 5160 on steroids. 80CRV2 is also known as L2, and is a special purpose tool steel ideal for big knives and			
80CRV2-250-1.25-48	80CRV2	0.250 x 1.25 x 48"	6.35 x 30 x 1220 mm
80CRV2-250-1.50-48	80CRV2	0.250 x 1.5 x 48"	6.35 x 38 x 1220 mm
80CRV2-250-2-48	80CRV2	0.250 x 2 x 48"	6.35 x 50 x 1220 mm
80CRV2-250-4-48	80CRV2	0.250 x 4 x 48"	6.35 x 100 x 1220 mm
52100 is the steel used to make ball bearings and its reputation for use in high performance knives is legendary. Whether it is a carbon steel kitchen knife or hunter, if you are after a high performance cutter			
52100-094-1.5-48	52100	0.0937 x 1.5 x 48"	2.4 x 38 x 1220 mm
52100-094-2-48	52100	0.0937 x 2 x 48"	2.4 x 50 x 1220 mm
52100-156-1.25-48	52100	0.156 x 1.25 x 48"	4 x 32 x 1220 mm
52100-156-1.5-48	52100	0.156 x 1.5 x 48"	4 x 40 x 1220 mm
52100-156-2-48	52100	0.156 x 2 x 48"	4 x 50 x 1220 mm
52100-156-3-48	52100	0.156 x 3 x 48"	4 x 75 x 1220 mm
52100-1-RND-1-44	52100	1" Round, 44" Long	25 x 1115 mm
As the name implies, tool steels are made specifically for the manufacture of tools. Many also have excellent qualities for knives. O1 is an oil quench tool steel suitable for beginners. Sometimes sold as silver steel, our bars are not precision ground and represent good value for money.			
O1-125-1.5-36	O1	0.125 x 1.5 x 36	3.1 x 38 x 900 mm
O1-156-1.25-36	O1	0.156 x 1.25 x 36	4 x 32 x 900 mm
O1-156-1.25-18	O1	0.156 x 1.25 x 18	4 x 32 x 450 mm
O1-156-1.5-36	O1	0.156 x 1.5 x 36	4 x 38 x 900 mm
O1-156-2-36	O1	0.156 x 2 x 36	4 x 50 x 900 mm

Part Number	Steel Type	Dimensions (Imperial)	Dimensions (Metric)
A2 is an air quenched tool steel that is highly regarded in the knife industry for its toughness and ability to hold a cutting edge. The fact that it can be quenched in air is a bonus.			
A2-125-1.5-36	A2	0.125 x 1.5 x 36	3.2 x 38 x 900 mm
A2-156-2-36	A2	0.156 x 2 x 36	4 x 50 x 900 mm
A2-187-2-48	A2	0.187 x 2 x 48	4.6 x 50 x 1220 mm
W2 is a water quench tool steel famous for its use in the manufacture of files, and for its ability to achieve a Hamon when heat treated correctly. Anyone that has worked it knows that quenching thin sections, like knives, in water brings with it a very high risk of cracking and failure. Regular quench oil will cool it too slowly to achieve full hardness. Houghtons K Speed Quench oil is recommended to bring out the very best in this steel.			
W1-875-RND	W1	0.875 Round Bar	22 mm diameter
W2-125-1-48	W2	0.125 x 1 x 48	3.2 x 25 x 1220 mm
W2-125-1.5-48	W2	0.125 x 1.5 x 48	3.2 x 38 x 1220 mm
W2-187-1-48	W2	0.187 x 1 x 48	4.75 x 25 x 1220 mm
W2-187-1.5-48	W2	0.187 x 1.5 x 48	4.75 x 38 x 1220 mm
W2-187-2-48	W2	0.187 x 2 x 48	4.75 x 50 x 1220 mm
W2-250-1.25-48	W2	0.250 x 1.25 x 48"	6.35 x 32 x 1220 mm
W2-250-1.5-48	W2	0.250 x 1.5 x 48"	6.35 x 38 x 1220 mm
W2-250-2-48	W2	0.250 x 2 x 48"	6.35 x 50 x 1220 mm
W2-312-1-48	W2	0.312 x 1 x 48"	8 x 25 x 1220 mm
W2-312-1.25-48	W2	0.312 x 1.25 x 48"	8 x 32 x 1220 mm
W2-312-1.5-48	W2	0.312 x 1.5 x 48	8 x 38 x 1220 mm
W2-312-2-48	W2	0.312 x 2 x 48"	8 x 50 x 1220 mm
W2-375-1-48	W2	0.375 x 1 x 48"	9.5 x 25 x 1220 mm
W2-375-1.5-48	W2	0.375 x 1.5 x 48"	9.5 x 38 x 1220 mm
D2 is sometimes known as a semi stainless. A function of its high chromium content and the way its chromium is in the metal matrix means it will still rust but is a little less susceptible to corrosion than a regular carbon			
D2-140-1.25-36	D2	0.140"/0.156" x 1.25 x 36"	3.5 x 32 x 900 mm
D2-140-2-36	D2	0.140"/0.156" x 2 x 36"	3.5 x 50 x 900 mm
D2-130-13-36	D2	0.130" x 13 x 36"	3.2 x 330 x 900 mm
D2-187-2-36	D2	0.187 x 2 x 36"	4.75 x 50 x 900 mm
L6 is another high nickel steel suitable for making the lighter coloured lines in Damascus billet. We stock it almost exclusively for the sword makers.			
L6-312-2-36	L6	0.312 x 2 x 36"	8 x 50 x 900 mm
H13 hot work tool steel is used to make tooling to be used with hot materials where conventional steels would lose their temper.			
H13-250-50-39	H13	0.250 x 2 x 39"	6 x 50 x 1000 mm
H13-250-50-59	H13	0.250 x 2 x 59"	6 x 50 x 1500 mm
H13-M-20-RND-1.2	H13		20mm Round x 1200mm

### New Steels!

H13 in round bar is ideal for blacksmith tooling.

# Stainless Steels

Part Number	Steel Type	Dimensions (Imperial)	Dimensions (Metric)
AEB-L is a stainless steel originally developed for razor blades. Easy to sharpen and holding a very fine edge, it is very similar to 13C26			
<b>AEBL-065-13-48 *New*</b> <small>Stock expected August/ September 2015</small>	AEB-L	0.065 x 13 x 48"	1.65 x 325 x 1220 mm
AEBL-110-3-48	AEB-L	0.110 x 3 x 48"	2.8 x 75 x 1220 mm
AEBL-130-1.5-48	AEB-L	0.130 x 1.5 x 48"	3.3 x 38 x 1220 mm
AEBL-130-2-48	AEB-L	0.130 x 2 x 48"	3.3 x 50 x 1220 mm
AEBL-130-3-48	AEB-L	0.130 x 3 x 48"	3.3 x 75 x 1220 mm
AEBL-130-13-48	AEB-L	0.130 x 13 x 48"	3.3 x 330 x 1220 mm
Not to be confused with other steels in the 440 range, 440C is an excellent blade steel.			
440C-103-2-36	440C	0.103/0.113 x 2 x 36"	2.6 x 50 x 900 mm
440C-103-3-36	440C	0.103/0.113 x 3 x 36"	2.6 x 75 x 900 mm
440C-156-3-36	440C	0.140/0.156 x 3 x 36"	3.5 x 75 x 900 mm
440C-172-3-36	440c	0.172/0.188 x 4 x 36"	4.5 x 75 x 900 mm
440C-207-4-36	440C	0.207/0.227 x 4 x 36"	5.25 x 100 x 900 mm
Though the chemical composition is very similar to ATS-34, 154CM was once considered inferior. In recent years that has changed and 154CM is now considered to be equal, if not better than its Japanese cousin.			
154CM-103-2-36	154CM	0.103/0.113 x 2 x 36"	2.6 x 50 x 900 mm
154CM-172-3-36	154CM	0.172/0.188 x 3 x 36"	4.3 x 75 x 900 mm
Crucible steels are high quality steels. These steels can out perform carbon steels in some cases. See also RWL-34 under the Damasteel® section.			
CPM3-V-125-2-36 <small>not stainless</small>	CPM 3 V	0.140/0.156 x 2 x 36	3.5 x 50 x 900 mm
CPM3-V-187-2.5-36 <small>not stainless</small>	CPM 3 V	0.207/0.227 x 2.5 x 36	5.25 x 63 x 900 mm
CPMS35-VN-103-2-36	CPM S35-VN	0.103/0.113 x 2 x 36"	2.6 x 50 x 900 mm
CPMS35-VN-103-4-36	CPM S35-VN	0.103/0.113 x 4 x 36"	2.6 x 100 x 900 mm
CPMS35-VN-140-2-36	CPM S35-VN	0.140/0.156 x 2 x 36"	3.5 x 50 x 914 mm
CPMS35-VN-172-1.5-36	CPM S35-VN	0.172/0.188 x 1.5 x 36"	4.3 x 38 x 900 mm
CPMS35-VN-172-2-36	CPM S35-VN	0.172/0.188 x 2 x 36"	4.3 x 50 x 900 mm
CPMS35-VN-207-2-36	CPM S35-VN	0.207/0.227 x 2 x 36"	5.25 x 50 x 900 mm
CPM154CM-103-2-36	CPM 154CM	0.103/0.113 x 2 x 36"	2.6 x 50 x 914 mm
CPM154CM-103-2.5-36	CPM 154CM	0.103/0.113 x 2.5 x 36"	2.6 x 63 x 900 mm
CPM154CM-140-1.5-36	CPM 154CM	0.140/0.156 x 1.5 x 36"	3.5 x 38 x 900 mm
CPM154CM-140-2.5-36	CPM 154CM	0.140/0.156 x 2.5 x 36"	3.5 x 63 x 900 mm
CPM154CM-140-6-36	CPM 154CM	0.140/0.156 x 6 x 36"	3.5 x 150 x 900 mm

# Spring Steel

Part Number	Steel Type	Dimensions (Imperial)	Dimensions (Metric)
<p>9260/9261 High Silicone Spring Steel:</p> <p>9260/9261 are spring steels with close compositions and chemistry to 5160 and SUP9 however it has lots more silicon and less chromium</p>			
9261-M-35-RND-1	AEB-L	0.110 x 3 x 48"	35 mm x 1000 mm
<p>8660 Nickel Chromium and Molybdenum Spring Steel:</p> <p>8660 is a spring steels with close compositions and chemistry to 5160 and SUP9 however it has less Chromium and additional nickel and molybdenum. It is a deep hardening steel, quenched in oil. When heat treated correctly these solid round bars are fantastic for tomahawks, axes, really big knives and swords, where performance and toughness really matter.</p>			
8660-M-40-RND-1	440C	0.103/0.113 x 2 x 36"	40 mm x 1000 mm
8660-M-44-RND-1	440C	0.103/0.113 x 3 x 36"	44 mm x 1000 mm





**\*\*\*NOTICE:** We are moving away from sheared plate! The twists and buckles in the steel have proved most undesirable, and very hard to remove. In future this steel will be water jet cut . We feel it is worth the extra money to get steel that is not twisted. As sheared stock sells out, water jet stock will be all that is available. Steel may still be bent due to the stresses in the steel released during the cut.

Part Number	Steel Type	Dimensions (Imperial)	Dimensions (Metric)
12C27 is a Swedish Steel roughly equivalent to 440C. We will be getting a full range of sizes, prices will be available from us soon.			
The M in our part number is not because this steel is 12C27M. 12C27M is a different steel.			
12C27-M-2-40-1	12C27		2mm x 40mm x 1000mm
12C27-M-2-50-1	12C27		2mm x 50mm x 1000mm
12C27-M-2-75-1	12C27		2mm x 75mm x 1000mm
12C27-M-2-380-1	12C27		2mm x 380mm x 1000mm
12C27-M-2.5-40-1	12C27		2.5mm x 40mm x 1000mm
12C27-M-2.5-50-1	12C27		2.5mm x 50mm x 1000mm
12C27-M-2.5-75-1	12C27		2.5mm x 75mm x 1000mm
12C27-M-2.5-290-1	12C27		2.5mm x 290mm x 1000mm
12C27-M-3-40-1	12C27		3mm x 40mm x 1000mm
12C27-M-3-50-1	12C27		3mm x 50mm x 1000mm
12C27-M-3-75-1	12C27		3mm x 75mm x 1000mm
12C27-M-3-360-1	12C27		3mm x 360mm x 1000mm
12C27-M-3.25-40-1	12C27		3.25mm x 40mm x 1000mm
12C27-M-3.25-50-1	12C27		3.25mm x 50mm x 1000mm
12C27-M-3.25-75-1	12C27		3.25mm x 75mm x 1000mm
12C27-M-3.25-380-1	12C27		3.25mm x 380mm x 1000mm
12C27-M-3.5-40-1	12C27		3.5mm x 40mm x 1000mm
12C27-M-3.5-50-1	12C27		3.5mm x 50mm x 1000mm
12C27-M-3.5-75-1	12C27		3.5mm x 75mm x 1000mm
12C27-M-3.5-360-1	12C27		3.5mm x 360mm x 1000mm
12C27-M-4-40-1	12C27		4mm x 40mm x 1000mm
12C27-M-4-50-1	12C27		4mm x 50mm x 1000mm
12C27-M-4-75-1	12C27		4mm x 75mm x 1000mm
12C27-M-4-380-1	12C27		4mm x 380mm x 1000mm

# SÖDERFORS 1676 DAMASTEEL®

CUTTING EDGE. AND LOOKS TOO.™



## A STORY OF POWER, MAGIC AND EXCLUSIVITY

The technique to create the steel that has everything was developed a few hundred years before the birth of Christ. Its properties were unique – an unbeatable strength combined with durability. The steel's patterned surface was also more beautiful than anything before. The so-called damascus steel established a superior reputation. Sword blades, daggers and spears of damascus steel were reliable in battle. Chiefs and powerful rulers with such weapons in their hand were thought to be almost impossible to defeat. Damascus steel was not just a sign of power and wealth; the steel also has long thought to have mystical qualities.

The forge welding technique – layering two types of steel in seven sheets – was developed and refined over time. Creating damascus steel's magical design involves the finest smith craftsmanship and is proof of ultimate craftsmanship.

Damascus steel's exclusivity spread throughout the world over generations. Among Roman and Celtic warriors, Viking chieftains and Arabic emperors – damascus steel has always been synonymous with respect, strength, beauty and class for great leaders.

## THE HEART OF STEEL

In many ways, the steel industry developed Sweden into a modern and internationally competitive society. Not least in the area surrounding the successful iron industry villages in Northern Uppland. In 1676, the manufacture of anchors began at a mill in Söderfors. Through a new forge welding technique, the final product was stronger and better than anything before. Several steel industries rapidly developed in the village. Some of them, including Scana Steel and Erasteel, continue Söderfors's steel tradition today.

It was also Erasteel that in 1992 initiated the collaboration that would lead to the formation of a new company – and an international patent. Per Billgren, employee at Erasteel, and Kaj Embretsen, smith and knife maker, together developed a method for manufacturing high-alloy damascus steel via powder metallurgy. Following method winning the "Innovation of the year" prize at the EPMA-conference in Paris in 1994, the step was taken to start the company Damasteel®. Damasteel® today is the youngest steel company in revered Söderfors that carries over 300 years of tradition forward. The skilled smiths have all the unique expertise in both steel production and design.

The high-tech process to manufacture stainless damascus steel is combined with a genuine craftsmanship and intimacy with the client. A fascination for the mythical damascus steel exists at Damasteel®. Even today, beauty has its natural place in the world of steel.

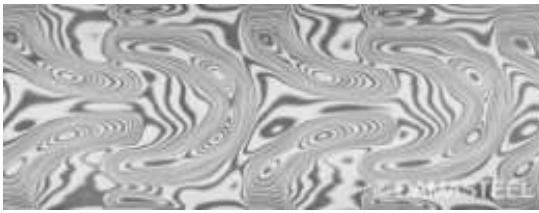
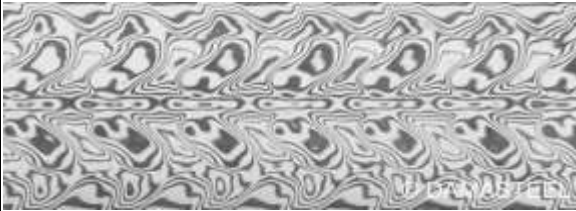
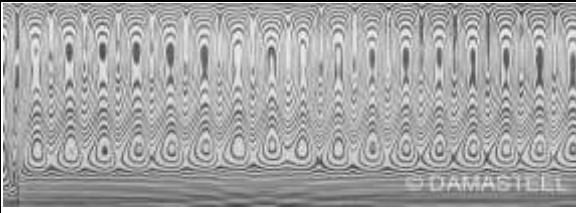
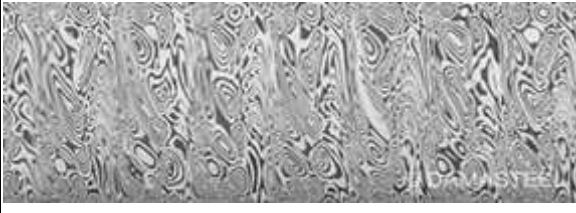
SÖDERFORS 1676

# DAMASTEEL®

CUTTING EDGE. AND LOOKS TOO.™

Pattern/Part Number	Dimensions, Metric	Width Imperial	Thickness Imperial	Surface Finish
<b>RWL34™</b>  RWL34 is a premium powder metallurgy Stainless steel blade steel. World renowned as one of the best steels for the kitchen or hunting, this steel will not disappoint!				
RWL34-547-1.375-39	35x14	1 3/8"	35/64"	Black
RWL34-100-1.5-39	38x2,6	1 1/2"	1/10"	Black
RWL34-140-1.5-39	38x3,5	1 1/2"	9/64"	Black
RWL34-156-1.5-39	38x4	1 1/2"	5/32"	Black
RWL34-203-1.578-39	40x5,2	1 37/64"	13/64"	Black
RWL34-125-2-39	50x3,2	2"	1/8"	Black
RWL34-285-2-39	50x7	2"	2/7"	Black
RWL34-118-2.75-39	71x3	2 3/4"		Black
<b>Forgeable Bar</b>				
DFF-250-1.25-39	31x7			
DFR-3/8	ø 11			
DFR-5/8	ø 17			
DFR-3/4	ø 20			

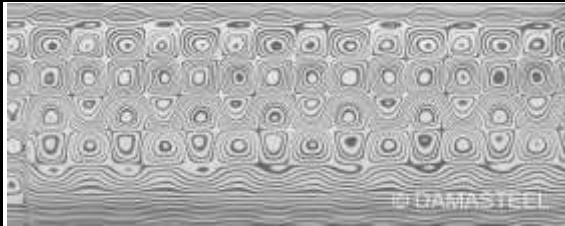
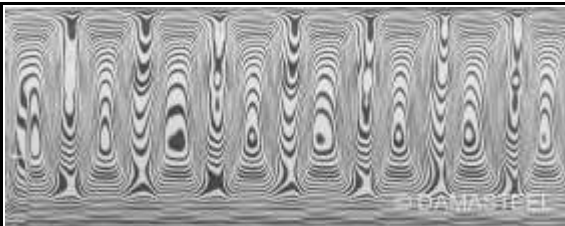
## New and Limited Edition Patterns

Pattern/Part Number	Dimensions, Metric
<b>THOR™</b>	
THOR-100-1-39	26 x 2.5 mm
THOR-100-1.5-39	38 x 2.5 mm
THOR-125-1.25-39	32 x 3.2 mm
THOR-125-1.5-39	38 x 3.2 mm
THOR-156-1.5-39	38 x 4 mm
<b>GYSINGE™</b>	
GYSINGE-100-1-39	26 x 2.5 mm
GYSINGE-100-1.5-39	38 x 2.5 mm
GYSINGE-125-1.25-39	32 x 3.2 mm
GYSINGE-125-1.5-39	38 x 3.2 mm
GYSINGE-156-1.5-48	38 x 4 mm
<b>HUGIN™</b>	
HUGIN-100-1.25-39	32 x 2.5 mm
HUGIN-125-1.5-39	38 x 3.2 mm
<b>ODINHEIM™</b>	
ODINHEIM-100-1-39	26 x 2.5 mm
ODINHEIM-100-1.5-39	38 x 2.5mm
ODINHEIM-125-1.25-39	32 x 3.2 mm
ODINHEIM-156-1.5-39	38 x 4 mm

SÖDERFORS 1676

# DAMASTEEL®

CUTTING EDGE. AND LOOKS TOO.™


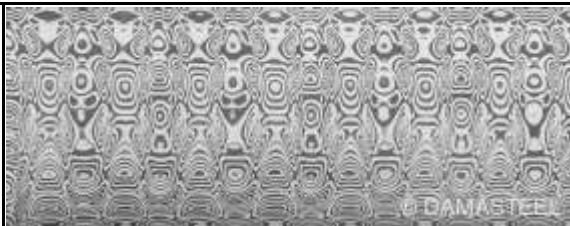
Pattern/Part Number	Dimensions, Metric	Width Imperial	Thickness Imperial	Surface Finish
<div>ROSE</div> <div>The traditional rose pattern gives a neat effect when grinding a phase. Suitable for medium and smaller sized knives and applications</div>				
Rose-100-1-39	26x2,5	1"	1/10"	Ground
Rose-125-1-39	26x3,2	1"	1/8"	Ground
Rose-100-1.25-39	32x2,5	1 1/4"	1/10"	Ground
Rose-125-1.25-39	32x3,2	1 1/4"	1/8"	
Rose-156-1.25-39	32x4	1 1/4"	5/32"	Ground
Rose-100-1.5-39	38x2,5	1 1/2"	1/10"	Ground
Rose-125-1.5-39	38x3,2	1 1/2"	1/8"	Ground
Rose-156-1.5-39	38x4	1 1/2"	5/32"	
Rose-156-1.75-39	45x4	1 3/4"	5/32"	
<div>Odins Eye™</div> <div>A sparse variant of Hugin and suitable for medium and larger sized knives and applications</div>				
Odin-100-1-39	26x2,5	1"	1/10"	Ground
Odin-125-1-39	26x3,2	1"	1/8"	Ground
Odin-100-1.25-39	32x2,5	1 1/4"	1/10"	Ground
Odin-125-1.25-39	32x3,2	1 1/4"	1/8"	Ground
Odin-156-1.25-39	32x4	1 1/4"	5/32"	Ground
Odin-100-1.5-39	38x2,5	1 1/2"	1/10"	Ground
Odin-125-1.5-39	38x3,2	1 1/2"	1/8"	Ground
Odin-156-1.5-39	38x4	1 1/2"	5/32"	Ground

*Note: In the steel pattern pictured there is a bevel from half the width down*

SÖDERFORS 1676

# DAMASTEEL®

CUTTING EDGE. AND LOOKS TOO.™


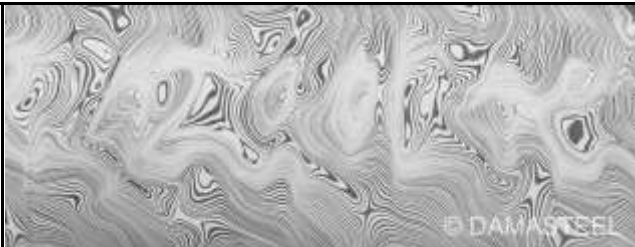
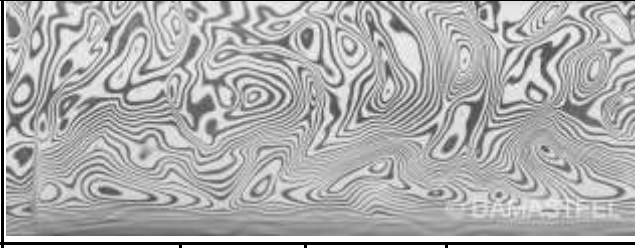
Pattern/Part Number	Dimensions, Metric	Width Imperial	Thickness Imperial	Surface Finish
<div><h1>HAKKAPELLA™</h1><p>The symmetry in our Hakkapella pattern looks stunning on a small to medium sized knife and similar applications</p></div> <div></div>				
Hakkapella-100-1-39	26x2,5	1"	1/10"	Ground
Hakkapella-125-1-39	26x3,2	1"	1/8"	Ground
Hakkapella-100-1.25-39	32x2,5	1 1/4"	1/10"	Ground
Hakkapella-125-1.25-39	32x3,2	1 1/4"	1/8"	Ground
Hakkapella-100-1.5-39	38x2,5	1 1/2"	1/10"	Ground
Hakkapella-125-1.5-39	38x3,2	1 1/2"	1/8"	Ground
Hakkapella-156-1.5-39	38x4	1 1/2"	5/32"	Ground
Hakkapella-156-1.75-39	45x4	1 3/4"	5/32"	
Hakkapella-187-2-39	50x5	2"	3/16"	
<div><h1>LADDER</h1><p>All around pattern that looks good in most conditions and especially on medium sized pieces</p></div> <div></div>				
Ladder-100-1-39	26x2,5	1"	1/10"	Ground
Ladder-100-1.25-39	32x2,5	1 1/4"	1/10"	Ground
Ladder-125-1.25-39	32x3,2	1 1/4"	1/8"	Ground
Ladder-156-1.25-39	32x4	1 1/4"	5/32"	Ground
Ladder-100-1.5-39	38x2,5	1 1/2"	1/10"	Ground
Ladder-125-1.5-39	38x3,2	1 1/2"	1/8"	Ground
Ladder-156-1.5-39	38x4	1 1/2"	5/32"	Ground
Ladder-156-1.75-39	45x4	1 3/4"	5/32"	

*Note: In the steel pattern pictured there is a bevel from half the width down*



# DAMASTEEL®

CUTTING EDGE. AND LOOKS TOO.™


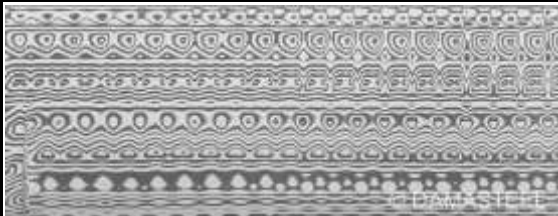
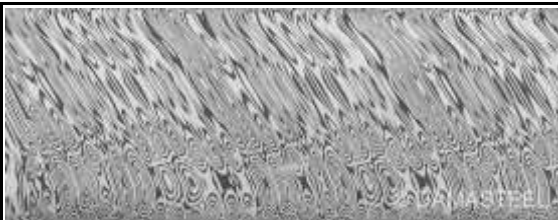
Pattern/Part Number	Dimensions, Metric	Width Imperial	Thickness Imperial	Surface Finish
<div>DENSE TWIST™</div> <div>Twisted material available in both flat and round condition. Suitable for any application</div>				
Twist-125-1-39	26x3,2	1"	1/8"	Ground
Twist-156-1-39	26x4	1"	5/32"	Ground
Twist-125-1.25-39	32x3,2	1 1/4"	1/8"	Ground
Twist-156-1.25-39	32x4	1 1/4"	5/32"	Ground
Twist-125-1.5-39	38x3,2	1 1/2"	1/8"	Ground
Twist-156-1.5-39	38x4	1 1/2"	5/32"	Ground
<div>BJÖRMAN TWIST™</div> <div>A random, twisted pattern that looks good on most sizes</div>				
BjTwist-125-1-39	26x3,2	1"	1/8"	Ground
BjTwist-125-1.25-39	32x3,2	1 1/4"	1/8"	Ground
BjTwist-125-1.5-39	38x3,2	1 1/2"	1/8"	Ground
<div>VINLAND™</div> <div>Our random pattern. Beautiful on kitchen knives, medium sized knives and jewelries</div>				
Vinland-125-1-39	26x3,2	1"	1/8"	Ground
Vinland-125-1.25-39	32x3,2	1 1/4"	1/8"	Ground
Vinland-156-1.25-39	32x4	1 1/4"	5/32"	Ground
Vinland-125-1.5-39	38x3,2	1 1/2"	1/8"	Ground
Vinland-156-1.5-39	38x4	1 1/2"	5/32"	Ground
Vinland-125-1.75-39	45x3,2	1 3/4"	1/8"	Ground

Note: In the steel pattern pictured there is a bevel from half the width down

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# DAMASTEEL®

CUTTING EDGE. AND LOOKS TOO.™

Pattern/Part Number	Dimensions, Metric	Width Imperial	Thickness Imperial	Surface Finish
<div><div>GROSSERSEN</div><div>A traditional pattern that looks really nice on medium sized and larger pieces</div></div>				
Grosserosen-125-1.25-39	32x3,2	1 1/4"	1/8"	Ground
Grosserosen-156-1.25-39	32x4	1 1/4"	5/32"	Ground
Grosserosen-156-1.5-39	38x4	1 1/2"	5/32"	
<div><div>MUNIN™</div><div>Smaller variant of ladder and thus looks great on smaller pieces.</div></div>				
Munin-100-1-39	26x2,5	1"	1/10"	
Munin-125-1.25-39	32x3,2	1 1/4"	1/8"	
<div><div>HEIMSKRINGLA™</div><div>Our Bluetounge pattern twisted. This pattern benefits from a large bevel and looks good in any size</div></div>				
Heimskringla-125-1-39	26x3,2	1"	1/8"	Ground
Heimskringla-125-1.25-39	32x3,2	1 1/4"	1/8"	Ground
Heimskringla-156-1.25-39	32x4	1 1/4"	5/32"	Ground
Heimskringla-125-1.5-39	38x3,2	1 1/2"	1/8"	Ground
Heimskringla-156-1.5-39	38x4	1 1/2"	5/32"	

*Note: In the steel pattern pictured there is a bevel from half the width down*



SÖDERFORS 1676  
**DAMASTEEL®**  
CUTTING EDGE. AND LOOKS TOO.™



Damasteel® Austenitic round bar is made from the extremely corrosion resistant alloys 304L and 316L. Unlike the Martensitic blade steels, this material cannot be hardened, however it is ideal for the manufacture of rings and other jewellery. All of the above rings were made on a lathe, either from parting off the end of round bar, or machining the rings out long wise to get different effects and patterns.

Austenitic stainless is etched in acid after machining and polishing to reveal the patterns.

Please see the Spec sheets on Damasteel's web site for more details.

Minimum cut is 100mm, smaller cuts can be made but a surcharge applies. Prices include GST

<u>Part Number</u>	<u>Diameter</u>	<u>Pattern</u>
TWIST-ADRB-1	25mm	Dense Twist , Straight parallel lines twisted.
BLUETONGUE-27-1-RND	27mm	Bluetongue, Circles running lengthways along the bar
HEIMSKRINGLA-27-1-RND	27mm	Heimskringla, Bluetongue pattern twisted

# Knife Making Kits

Making a knife is a satisfying project on a number of levels. You're creating a fundamental tool — one of the first tools ever made — and every time you pick it up, you'll think, "Wow, I made this with my own hands."

The kits below are the perfect sets to start making knives.



## Knife Making Kit 1:

Part#: KKIT1

This kit includes the following:

- Piece of 1084 Steel Annealed (soft)
- Set of Scales to make handle
- Pin stock to fit handle to Knife
- Lanyard Tube
- Rhynowet Sandpaper
- Detailed instructions to guide you in making your first knife.



## Canadian Belt Knife Kit:

Part#: KBCAN-K

These kits come to us as clearance stock from Knives Australia, and represent excellent value for money for the beginner maker who just wants to have a go at the basics of custom knifemaking.

They are old stock that was forged in Germany in around 1980. Hence the price.

Once they sell out there will be no more so get in and get a few!

Each kit comes with basic instructions for heat treating and assembly.

Kit includes scales, roughly to shape and cutlers rivets.

# Stainless Steel Pin Stock, Flat Bar and Lanyard Tube

416 is a free machining stainless steel, perfect to use for guards and fittings. It cuts and drills much cleaner than many other stainless steels.

416-125-1.5-12	416 ss	0.125 x 1.5 x 12"	3.2 x 38 x 300
416-125-2-12	416 ss	0.125 x 2 x 12"	3.2 x 50 x 300
416-187-1.25-12	416 ss	0.187 x 1.25 x 12"	4.75 x 32 x 300
416-187-2-12	416 ss	0.187 x 2 x 12"	4.75 x 50 x 300
416-250-1-12	416 ss	0.250 x 1 x 12"	6.35 x 25 x 300
416-250-1.25-12	416 ss	0.250 x 1.25 x 12"	6.35 x 32 x 300
416-250-1.5-12	416 ss	0.250 x 1.5 x 12"	6.35 x 38 x 300
416-250-2-12	416 ss	0.250 x 2 x 12"	6.35 x 50 x 300
416-375-1-12	416 ss	0.375 x 1 x 12"	9.53 x 25 x 300
416-375-1.5-12	416 ss	0.375 x 1.5 x 12"	9.53 x 38 x 300
416-625-.75-12	416 ss	0.625 x 0.75 x 12"	16 x 20 x 300
416-1/16-12	416 ss	1/16" Pin Stock 12" long	1.58mm dia x 300mm
416-3/32-12	416 ss	3/32" Pin Stock 12" long	2.4 mm dia x 300 mm
416-1/8-12	416 ss	1/8" Pin Stock 12" long	3.2 mm dia x 300 mm
416-3/16-12	416 ss	3/16" Pin Stock 12" long	4.8 mm dia x 300 mm
416-3/16-18	416 ss	3/16" Pin Stock 18" long	4.8 mm dia x 450 mm
416-1/4-12	416 ss	1/4" Pin stock 12" long	6.35 mm dia x 300 mm
416-M-22-RND-0.3	416 ss	22mm Round Bar	22 mm dia x 300 mm
ST1609008	316 SS	1/4" Stainless Lanyard Tube	6.35 mm dia x 1000 mm
ST1609009	316 SS	5/16" Stainless Lanyard Tube	7.94 mm dia x 1000 mm
ST1609010	316 SS	3/8" Stainless Lanyard Tube	9.5 mm dia x 1000 mm

## Corby Bolts And Step Drills

Part Number	Description
Corby Bolts are an extremely strong method of assembling your handles.	
KMCB-BR-3/16	1 x 3/16" Brass Corby Bolt
KMCB-BR-1/4	1 x 1/4" Brass Corby Bolt
KMCB-BR-5/16	1 x 5/16" Brass Corby Bolt
KMCB-SS-1/4	1 x 1/4" Stainless Steel Corby Bolt
KMCB-SS-5/16	1 x 5/16" Stainless Steel Corby Bolt
Step Drills, are designed to drill the counter bored hole required for Corby Bolts	
KMCB-D-3/16	Suits 3/16" Corby Bolts
KMCB-D-1/4	Suits 1/4" Corby Bolts
KMCB-D-5/16	Suits 5/16" Corby Bolts



# Cutlers Rivets And Step Drills

Part Number	Description
Cutlers rivets are the tradition method of fitting knife handles.	
KMCR-BR-3/16-3/8-10	Brass Cutlers Rivets 3/16" Head, 3/8" Long, Pack of 10 Sets
KMCR-BR-5/16-1/2-10	Brass Cutlers Rivets 5/16" Head, 1/2" Long, Pack of 10 Sets
KMCR-BR-5/16-5/8-10	Brass Cutlers Rivets 5/16" Head, 5/8" Long, Pack of 10 Sets
KMCR-NS-5/16-1/2-10	Nickel Silver Cutlers Rivets, 5/16" Head, 1/2" Long, Pack of 10 Sets
KMCR-NS-5/16-5/8-10	Nickel Silver Cutlers Rivets, 5/16" Head, 5/8" Long, Pack of 10 Sets
Step Drills, are designed to drill the counter bored hole required for Cutlers Rivets	
KMCR-D-3/16	Suits 3/16" Cutlers Rivets
KMCR-D-5/16	Suits 5/16" Cutlers Rivets



# BladeBond epoxy for knife handles



## BladeBond Edge-15

Part#: KMBB-EDGE

Pack size: 110 Gram (4oz)

Mix Ratio 1:1 15 minute cure epoxy developed especially for knife makers 4oz Kit

Accelerated Cure, Extreme Toughness, Flexible at all temperatures.



## BladeBond Ultra

Part#: KMBB-Ultra

Pack size: 110 Gram (4oz)

Mix Ratio 1:1 12 hour cure epoxy developed especially for knife makers 4oz Kit

100% Waterproof, Extreme Toughness, Flexible at all Temperatures.



## BladeBond HT

Part#: KMBB-HT

Pack size: 170 Grams (6 oz)

Mix Ratio 1:2 Blade Bond HT is measured in a simple 2:1 mix. Additionally it starts to gel in 20 minutes, reaches a tack free workable state in 3 hours.



Colour	Part#
Blue	KMBB-EPOXY-BLUE
Green	KMBB-EPOXY-GRN
Yellow	KMBB-EPOXY-YLW
Red	KMBB-EPOXY-RED
White	KMBB-EPOXY-WHT
Black	KMBB-EPOXY-BLK

## BladeBond epoxy

### Pigment

Available in different colours. A little of this pig-

# Brass, Copper, Bronze



Part Number	Metal	Shape	Dimensions (Imperial)	Dimensions (Metric)
<p>Brass fittings are ever popular for knifemaking. Our 1/8" pins and flat bars are made from the same alloys, and should be very close in colour.</p> <p>Our Sheet Material in Brass, Copper, Bronze, and Nickel Silver is very popular for spacer material and the manufacture of Moku-me Gane.</p> <p>If you have a requirement for small quantities of non ferrous metals for your hobby or craft, in a size not shown here, please contact us as we are more than happy to help if we can.</p>				
BR-0.5-300-300	Brass	Sheet	0.020" x 12 x 12"	0.5mm x 300mm x 300mm
BR-1-300-300	Brass	Sheet	0.039" x 12 x 12"	1.0mm x 300mm x 300mm
BR-1.4mm-50mm-0300	Brass	Strip/Sheet		1.4mm x 50 mm x 300mm
BR-250-1.5-12	Brass	Flats	1/4" x 1.5" x 12"	6.35mm x 38mm x 300mm
BR-375-1-12	Brass	Flats	3/8" x 1" x 12"	9.5mm x 25mm x 300mm
BR-375-1.5-12	Brass	Flats	3/8" x 1.5" x 12"	9.5mm x 40mm x 300mm
BR-1.6mm-1	Brass	Wire (used as pins)	1/16"	1.6mm sold per meter
BR-3/32-12	Brass	Pin Stock	3/32" x 12"	2.4mm x 300mm
BR-1/8-12	Brass	Pin Stock	1/8" x 12"	3.2mm x 300mm
BR-5/32-12	Brass	Pin Stock	5/32" x 12"	3.97mm x 300mm
BR-3/16-12	Brass	Pin Stock	3/16" x 12"	4.8mm x 300mm
BR-1/4-12	Brass	Pin Stock	1/4" x 12"	6.35mm x 300mm
BR-LT-1/4-12	Brass	Lanyard Tube	1/4" x 12"	6.35mm x 300mm
BR-LT-5/16-12	Brass	Lanyard Tube	5/16" x 12"	8mm x 300mm
BR-LT-3/8-12	Brass	Lanyard Tube	3/8" x 12"	9.5mm x 300mm

Part Number	Metal	Shape	Dimensions (Imperial)	Dimensions (Metric)
COP-1/8-12	Copper	Pin Stock	1/8" x 12"	3.2mm x 300mm
COP-3/16-12	Copper	Pin Stock	3/16" x 12"	4.8mm x 300mm
COP-0.55-300-300	Copper	Sheet	0.020" x 12 x 12"	0.55mm x 300mm x 300mm
COP-1-300-300	Copper	Sheet	0.039" x 12 x 12"	1.0mm x 300mm x 300mm
CU-3	Copper	Tube (annealed)	3/16" (per m)	4.8mm
CU-4	Copper	Tube (annealed)	1/4" (per m)	6.35mm
CU-5	Copper	Tube (annealed)	5/16" (per m)	8mm
CU-6	Copper	Tube (annealed)	3/8" (per m)	9.5mm
COP-375-1-12	Copper	Bar	10x25x300mm	40 mm x 10 mm x 300 mm
COP-375-1.5-12	Copper	Bar	10x40x300 mm	25 mm x 10 mm x 300 mm
COP-250-1.5-12	Copper	Bar	6.35x38x300 mm	38 mm x 6.35 mm x 300 mm
	Bronze	limited	Sizes	Available
BRZ-0.5-300-300	Bronze	Sheet	0.020" x 12" x 12"	0.5mm x 300mm x 300mm
BRZ-1-300-300	Bronze	Sheet	0.039" x 12" x 12"	1.0mm x 300mm x 300mm
NS-1-300-300	Nickel Silver	Sheet	0.039" x 12" x 12"	1.0mm x 300mm x 300mm
NS-250-6-12	Nickel Silver	Bar	0.250" x 6"x 12"	6.35mm x 150mm x 300mm
NS-250-1.5-6	Nickel Silver	Bar	0.250" x 1.5" x 6"	6.35mm x 38mm x 150mm
N201-0.075-50-300	Nickel 201	Strip/Sheet	0.003" x 2" x 12"	0.075mm x 50mm x 300mm



# Mosaic Pins

We stock Mosaic pins, high quality and made in the USA.  
Please see our range below.

## 1/8" 300mm Long



**MP1/8C04**



**MP1/8B01**



**MP1/8C01**



**MP1/8C05**



**MP1/8B04**



**MP1/8B05**

## 3/16" 300mm Long



**MP3/16B07**



**MP3/16B05**



**MP3/16C05**



**MP3/16C07**

## 7/32" 300mm



**MP7/32B01**



## 1/4" Brass and Copper Outer 300mm Long



MP1/4B02



MP1/4C02



MP1/4C12



MP1/4B01



MP1/4B13



MP1/4B05



MP1/4B12



MP1/4B09



MP1/4C14

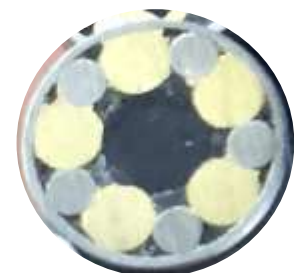
## 1/4" Stainless Outer 300mm Long



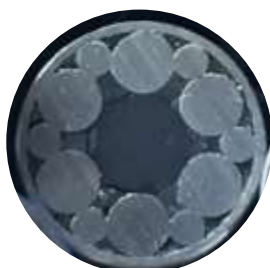
MP1/4S5



MP1/4S4



MP1/4S7



MP1/4S16



MP1/4S8

**1/4" Custom Mosaic Pins 65mm long**



**MP1/4ELE1BB**



**MP1/4SPI1BS**



**MP1/4TOX1BC**



**MP1/4LIO1BB**



**MP1/4SKU1BS**



**MP1/4LIO2BS**



**MP1/4CRO1BB**



**MP1/4RP1BS**



**MP1/4RP2BC**



**MP1/4RP3BS**



**MP1/4MOO1SS**



**MP1/4KOA1BB**



**MP1/4KAN1BS**



**MP1/4SKU1SS-GL**



**MP1/4SKU1BS**


**Glow in the Dark**

**Custom Patterns on Request**

# Handle Materials

For a working knife it is important to have a handle that is durable, resistant to water and oils, won't shrink, warp or crack with temperature and humidity changes, and also looks great. For this reason G10, Micarta and stabilised wood are very popular. Synthetic handle material like G10 and Micarta, Stabilized timbers and some natural timbers all produce toxic dust when cut, ground and sanded. Seek expert advice and put systems in place to managing this dust prior to starting work.




















## Liner Materials

Part Number		COLOUR *	Material and Dimensions (Metric)
Liner materials are used to put an attractive coloured spacer between materials in the knife handle. They can be			
G10B0.5		Black	G10, 300 mm x 300 mm x 0.5 mm
G10W0.5		White	G10, 300 mm x 300 mm x 0.5 mm
G10R0.5		Red	G10, 300 mm x 300 mm x 0.5 mm
G10O0.5		Orange	G10, 300 mm x 300 mm x 0.5 mm
G10BL0.5		Blue	G10, 300 mm x 300 mm x 0.5 mm
G10TY0.5		Toxic Yellow	G10, 300 mm x 300 mm x 0.5 mm
G10TG0.5		Toxic Green	G10, 300 mm x 300 mm x 0.5 mm
G10B1		Black	G10, 300 mm x 300 mm x 1 mm
G10W1		White	G10, 300 mm x 300 mm x 1 mm
G10R1		Red	G10, 300 mm x 300 mm x 1 mm
G10O1		Orange	G10, 300 mm x 300 mm x 1 mm
G10BL1		Blue	G10, 300 mm x 300 mm x 1 mm
G10TY1		Toxic Yellow	G10, 300 mm x 300 mm x 1 mm
G10TG1		Toxic Green	G10, 300 mm x 300 mm x 1 mm
G10B1.5		Black	G10, 300 mm x 300 mm x 1.5 mm
G10W1.5		White	G10, 300 mm x 300 mm x 1.5 mm
G10R1.5		Red	G10, 300 mm x 300 mm x 1.5 mm
G10O1.5		Orange	G10, 300 mm x 300 mm x 1.5 mm
G10BL1.5		Blue	G10, 300 mm x 300 mm x 1.5 mm
G10TY1.5		Toxic Yellow	G10, 300 mm x 300 mm x 1.5 mm
G10TG1.5		Toxic Green	G10, 300 mm x 300 mm x 1.5 mm
G10B2		Black	G10, 300 mm x 300 mm x 2 mm
G10W2		White	G10, 300 mm x 300 mm x 2 mm
G10R2		Red	G10, 300 mm x 300 mm x 2 mm
G10OG2		Olive Green	G10, 300 mm x 300 mm x 2 mm
KMVL-B		Black	Vinyl, 300 mm x 75 mm x 0.5 mm
KMVL-BL		Blue	Vinyl, 300 mm x 75 mm x 0.5 mm
KMVL-R		Red	Vinyl, 300 mm x 75 mm x 0.5 mm
KMVL-G		Green	Vinyl, 300 mm x 75 mm x 0.5 mm
KMVL-Y		Yellow	Vinyl, 300 mm x 75 mm x 0.5 mm
KMVL-W		White	High Impact Styrene, 300 mm x 75 mm x 0.5 mm

\*Colours are indicative only and actual colours will vary

# G10/FR4

Coloured G10 can look fantastic on the right project. An incredibly strong material G10 is the material of choice for hard working and heavy duty knives. G10 liner material eliminates the hygiene and swelling issues caused by vulcanized fibre. G10 can be sand blasted to create a fantastic textured finish.

Part Number	COLOUR *		Dimensions (Metric)
G10B3.5CPP		Black, Coarse Peel Ply	300 x 340 x 3.5 mm
G10CAM3.5CPP	CAM	Digicam, Coarse Peel Ply	300 x 340 x 3.5 mm
G10B3.5		Black	300 x 340 x 3.5 mm
G10W3.5		White	300 x 340 x 3.5 mm
G10R3.5		Red	300 x 340 x 3.5 mm
G10BL3.5		Blue	300 x 340 x 3.5 mm
G10O3.5		Orange	300 x 340 x 3.5 mm
G10TY3.5		Toxic Yellow	300 x 340 x 3.5 mm
G10TG3.5		Lime Green	300 x 340 x 3.5 mm
G10B5		Black	300 x 340 x 5 mm
G10W5		White	300 x 340 x 5 mm
G10R5		Red	300 x 340 x 5 mm
G10BL5		Blue	300 x 340 x 5 mm
G10PB5		Peacock Blue	300 x 340 x 5 mm
G10O5		Orange	300 x 340 x 5 mm
G10D5		Tan/Desert	300 x 340 x 5 mm
G10OG5		Olive Green	300 x 340 x 5 mm
G10TY5		Toxic Yellow	300 x 340 x 5 mm
G10TG5		Lime Green	300 x 340 x 5 mm
G10B5CPP		Black Coarse Peel Ply	300 x 340 x 5 mm
G10CAM5CPP	CAM	DigiCam Coarse Peel Ply	300 x 340 x 5 mm

\*Colours are indicative only and actual colours will vary

# G10/FR4

Coloured G10 can look fantastic on the right project. An incredibly strong material G10 is the material of choice for hard working and heavy duty knives. G10 liner material eliminates the hygiene and swelling issues caused by vulcanized fibre. G10 can be sand blasted to create a fantastic textured finish.









Part Number		COLOUR *	Dimensions (Metric)
G10B8		Black	300 x 340 x 8 mm
G10W8		White	300 x 340 x 8 mm
G10R8		Red	300 x 340 x 8 mm
G10BL8		Blue	300 x 340 x 8 mm
G10PB8		Peacock Blue	300 x 340 x 8 mm
G10FG8		Forest Green	300 x 340 x 8 mm
G10AG8		Ash Grey	300 x 340 x 8 mm
G10PG8		Pebble Grey	300 x 340 x 8 mm
G10LG8		Lime Green	300 x 340 x 8 mm
G10O8		Orange	300 x 340 x 8 mm
G10D8		Tan/Desert	300 x 340 x 8 mm
G10OG8		Olive Green	300 x 340 x 8 mm
G10B10		Black	300 x 340 x 10 mm
G10D10		Tan/Desert	300 x 340 x 10 mm
G10OG10		Olive Green	300 x 340 x 10 mm

\*Colours are indicative only and actual colours will vary




# Multicolour G10/FR4



Part Number	COLOUR *		Dimensions (Metric)
G10MCAM7		5 Colour Camo	300 x 340 x 7 mm
G10BW7		Black and White	300 x 340 x 7 mm
G10PB7		Black and Blue layers	300 x 340 x 7 mm
G10BY7		Black and Yellow layers	300 x 340 x 7 mm
G10BBL10		Black and Blue layers	300 x 340 x 10 mm
G10BTG10		Black and Toxic Green	300 x 340 x 10 mm
G10BOGD10		Black, Desert and Olive	300 x 340 x 10 mm
G10BWAG10		Black, Ash Grey and White	300 x 340 x 10 mm

## G10 Handle Blocks

Part Number	COLOUR	Dimensions (Metric)
G10BBB25	 Black	Sheet 125 x 63 x 25mm

## Carbon Fiber



Part Number	Description
CF8-8-6	8mm Thick 3000 Weave, 100% Throughout, 140mm x 190mm
CF3.5-8-6	3.5mm Thick 3000 Weave 100% Throughout, 140mm x 190mm

# Micarta

Part Number		COLOUR	Dimensions (Metric)
Micarta is a resin based material , reinforced with materials such as paper, linen and canvas.			
MICCB		Black Canvas	Sheet 300 x 300 x 9.5mm
MICCB9S		Black Canvas	Pair of Scales 135mm x 38mm x 9.5mm
MICLB8S		Black Linen	Pair of Scales 135mm x 38mm x 9.5mm
MICCOG		Olive Green	Sheet 300 x 300 x 9.5mm
MICCOGS		Olive Green	Pair of Scales 135mm x 38mm x 9.5mm
MICCNBB		Natural	Bowie Block 130mm x 38mm x 25mm

# Timbers



Timber is the timeless classic when it comes to knife handles. Beautiful on the eye and warm to the touch, wood will always be a favourite handle material.

Along with the natural beauty of wood, comes the natural flaws. It is sensitive to moisture, heat and humidity, shrinking and cracking over time.

Stabilized woods provide the best of both worlds. The resistance to moisture and heat normally found in synthetics, with the natural beauty of timber. The stabilization process uses pressure, and/or Vacuum to force plastic resins into the wood. This seals the timber right through to the centre.

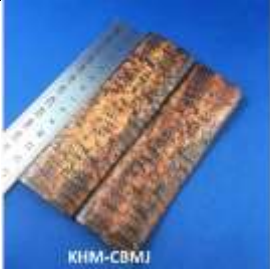
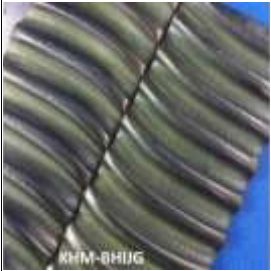
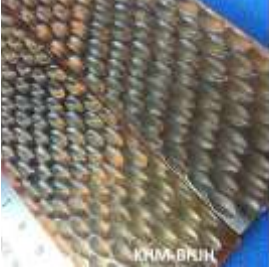
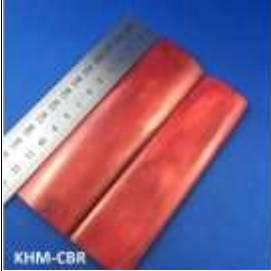
Australia has some of the most beautiful and dense timbers in the world. Gameco will endeavour to source only the finest materials to meet the needs of the most discerning knifemaker. Where necessary, our timbers will be stabilized locally by local craftsmen.

Timber is a natural material and all blocks can be considered to include cracking, checks and voids and other defects.

# Bone and Horn

The beauty of horn and bone is not comparable with anything else. Beautiful on the eye and natural to the touch. Feel the uniqueness of the material in your hands.

For a current list of available bones and horns, please check our website.

 <p>KHM-CBMJ</p>	<p>Camel bone is a versatile handle material, also useful for carvings and inlays. It can be very similar in appearance to Ivory.</p> <p>Part#:</p> <p>KHM-CBMJ</p>	 <p>KHM-BHIJG</p>	<p>This material comes cleaned and reasonably flat, ready for incorporation into your project.</p> <p>Available in Green, Antique, Honey, Red and Black</p> <p>Part#:</p> <p>KHM-BHIJA</p>
<p>Name:</p> <p>Mottled Textured Camel Bone Handle Scales</p>	<p>Dimensions</p> <p>125 mm x 38 mm x 6mm scales sold as set of two</p>	<p>Name:</p> <p>Impala Jiggered Buffalo Horn Handle Scales Dyed and Natural</p>	<p>Dimensions</p> <p>125 mm x 38 mm x 6mm scales sold as set of two</p>
 <p>KHM-BHJG</p>	<p>This material comes cleaned and reasonably flat, ready for incorporation into your project.</p> <p>Available in Green, Blue, Honey, Red and Black</p> <p>Part#:</p> <p>KHM-BHJG</p>	 <p>KHM-CBR</p>	<p>This material comes cleaned and reasonably flat, ready for incorporation into your project.</p> <p>Available in Amber, Grey, Red, Brown, Pink, Green, Yellow, Purple, Turquoise</p> <p>Part#:</p> <p>KHM-BHIJA</p>
<p>Name:</p> <p>Standard Jiggered Buffalo Horn Handle Scales Dyed and Natural</p>	<p>Dimensions</p> <p>125 mm x 38 mm x 6mm scales sold as set of two</p>	<p>Name:</p> <p>Dyed Smooth Camel Bone Handle Scales</p>	<p>Dimensions</p> <p>125 mm x 38 mm x 6mm scales sold as set of two</p>



# Paragon Knife Making Treating Furnaces

You can make the perfect knife with the perfect steel and the perfect grind but without the correct heat treatment, the blade will never perform to its potential. Aside from removing the handle and re-heat treating, there is no solution.

Knife making is as much about the journey as the end result, and having your own furnace allows you to experiment with heat treating to find the right recipe for your steel and intended use.

Paragon makes this journey a pleasure. With their fully programmable controllers, they allow you control the rate at which the oven heats and cools, soak for as long as necessary and then repeat it batch after batch.

You can even anneal steel and bring it back to its softened state.

No more sending blades away, and waiting weeks for their return. With your own oven your blades can be heat treated in the afternoon ready for their final finish the next day.

All Paragon heat treating furnaces are capable of reaching 1280°C



<u>Model Number</u>	<u>Description</u>
KM14D	Internal Dimension: W: 5.5" D: 14.5" H: 4.25"
KM18T	Internal Dimension: W: 5.5" D: 18" H: 4.25"
KM18DDB Double Barrel	Internal Dimension: W: 11" D: 18" H: 4.25"
KM24T	Internal Dimension: W: 5.5" D: 24" H: 4.25"
KM45D	Internal Dimension: W: 5.5" D: 45" H: 4.25"
Inert Gas	Inert Gas Shielding Kit and Flow Meter.

# Paragon Glass Fusion Furnaces

The Glass Fusion 7 is the perfect kiln to fusion your glass at home. Fantastic features such as the digital Sentry Xpress 3 key controller which controls both heating and cooling with simple 3-key operation.

A heavy galvanized steel base covers the reversible brick bottom completely. It folds up under the stainless case on all sides to strengthen the firing chamber. This is one more assurance that your Paragon kiln is built to last.

*Imagine the glass you could sag, slump, and fuse with this kiln. Make small bowls, pendants, earrings, cufflinks, and even bracelets. Enjoy the glittering beauty of dichroics. Make treasured gifts. When you own a Paragon kiln, you can experiment with new glass ideas to your heart's content.*

## **Part#: Fusion7WFS**

In Stock for immediate delivery

The Glass Fusing Kiln package includes:

- 240 Volt 50HZ Fusion 7 Kiln.
- Factory fitted window valued with surcharge
- Furniture Set to suit valued with surcharge
- Lid Safety Switch valued with surcharge
- Paragon Fusion-7 Glass Fusing Kiln
- Paragon's new Fusion-series digital hot glass kilns are packed with exciting features. They come in 6, 7, 8 and 10-sided versions. The Fusion-7 is the 7-sided version.
- The digital Sentry Xpress 3 key controller comes standard on all Fusion-series kilns. Control both heating and cooling with simple 3-key operation.
- The Fusion-series lid elements use a new element groove that eliminates element pins. The element coils are wider than the groove opening, so the elements stay in place without pins.
- A heavy galvanized steel base covers the reversible brick bottom completely. It folds up under the stainless case on all sides to strengthen the firing chamber. This is one more assurance that your Paragon kiln is built to last.



# Gas Forge Burners and Components

Gas forges are becoming more and more popular in the Australian Blacksmithing community. They are clean and no fuss, heat up quickly and have excellent control of temperature almost eliminating burnt jobs.

The rules on gas forges vary from state to state and it is recommended you contact your local specialist gasfitter and authority to ensure your design complies with all local requirements.

Gameco sells burner kits of some of the more common designs used in NSW, the equipment is manufactured to, and complies with all relevant standards however it may not comply in your state for your application.

<u>Model Number</u>	<u>Includes</u>
BKIT4	Industrial Burner 1"
	Elbow and pipe piece to keep shut off valve away from heat
	AGA approved Shut off valve
BKIT3	Industrial Burner 1"
	Elbow and pipe piece to keep shut off valve away from heat
	AGA approved Shut off valve
	2m AS1869 Class C Orange Hose
	High Pressure Regulator and Cylinder Connection
BKIT1	Industrial Burner 1"
	Elbow and pipe piece to keep shut off valve away from heat
	AGA approved Shut off valve
	2m AS1869 Class D High Temp Hose (125°C)
	Pressure Gauge
	High Pressure Regulator and Cylinder Connection
BKIT2	Industrial Burner 1"
	Elbow and pipe piece to keep shut off valve away from heat
	AGA approved Shut off valve
	1m AS1869 Class D High Temp Hose (125°C)
	Bypass or idle valve system to allow the user to turn the forge up and down with ease, saving gas.
	1.5 m AS1869 Class D High Temp Hose (125°C)
	Pressure Gauge
	High Pressure Regulator and Cylinder Connection

## **\*NEW\*** Small Economy Burners **\*NEW\***

Designed for smaller knife-making forges these burners are a fantastic option for the knife maker.

For assistance sizing your burners and forge, please contact us. As a guide, these would be ideal for a cylindrical forge, with internal dimensions of 150mm diameter and 200mm length.



**Full Kit BKIT5**



**Burner Only BKIT6**

# Purpose Built Gas Forge Burners

Very similar to the forge burners available in the USA, these Australian made burners, come complete with a slide style air adjustment and stainless steel burner nozzle.

They are said to burn hotter and more efficiently than other burners.



<b><u>Model Number</u></b>	<b><u>Includes</u></b>
<b>NSB-1</b>	<b>3/4" burner assembly complete with nozzle</b>
<b>NSB-1M</b>	<b>Adjustable mount to suit NSB-1 including fixing screws</b>
<b>NSBKIT1</b>	<b>NSB-1 burner assembly</b>
	<b>NSB-1M burner mount</b>
	<b>AGA approved Shut off valve</b>
	<b>2m AS1869 Class C Orange Hose</b>
	<b>High Pressure Regulator and Cylinder Connection</b>
<b>NSBKIT2</b>	<b>NSB-1 burner assembly</b>
	<b>NSB-1M burner mount</b>
	<b>AGA approved Shut off valve</b>
	<b>1m AS1869 Class D High Temp Hose (125°C)</b>
	<b>Bypass or idle valve system to allow the user to turn the forge up and down with ease, saving gas.</b>
	<b>1.5 m AS1869 Class D High Temp Hose (125°C)</b>
	<b>Pressure Gauge</b>
	<b>High Pressure Regulator and Cylinder Connection</b>

# Heat Treating Accessories

<u>Model Number</u>	<u>Description</u>
DT-612	Digital Thermometer
KOG2000	High Temperature Stainless Steel Braided Thermocouple
SATANITE-55	55LB Bag of Satanite. Used for forge lining to protect against FLUX and clay hardening of blades to produce hamons
SATANITE	5LB Bag of Satanite.
KHTK	Paragon knife makers accessory kit. Blade stands, gloves etc.
KHTF-25	7.5 m by 0.6 m of high quality stainless steel tool wrap. Heat treating foil to prevent oxidization on items being heat treated.
KHTO-K	20L of fast quench oil. Suitable for use with Steels that require short quench times to reach maximum hardness. Houghton's Quench K
KHTO-G	20L of medium speed. Suitable for use with Steels that require medium quench times to reach maximum hardness. Houghton's Quench G

	
5LB Bag of Satanite	Digital Thermometer
	
	A Hamon by Keith Fludder, Using Satanite on W2 with Houghton's Quench K





## Map Gas, High Heat, High Performance torches



### Oxy/Map Gas Set MAPOKIT



### Replacement Cylinders (Disposable) MAP: Replacement Map Gas MAPOXY: Replacement Oxygen

Note: These goods are dangerous goods and extra freight rates apply to shipping.



<u>Part Number</u>	<u>Description</u>
WK-030	Map Gas torch, Delux with Auto Ignition
DS-1S	Map Gas Torch, with Auto Ignition
DS-1	Map Gas torch, Basic
DS-1D2	Map Gas Torch, Twin Burner



# Radius Master Belt Grinders

Australian designed and built, Radius Master belt grinding machines are the most versatile 2 x 48" Belt Grinder on the market.

Radius Master belt grinders are proven to be the most invaluable tools for engineers, fabricators, welders, fitters, balustrade and stainless specialists, foundries, toolmakers, rural manufacturers, mechanics, restorers, aircraft engineers, medical equipment manufacturers, sculptors, knife-makers, model makers, many universities and the CSIRO.

All of their machinery comes with a 2 year commercial warranty, is unmatched for accuracy, versatility, performance & durability and is built with a 20 year life expectancy.

Without the need for a box of add-ons and spanners, Radius Master belt-grinders are the most user friendly on the market that out-perform and out-last all competitors, making a significant improvement to your product costs and quality.

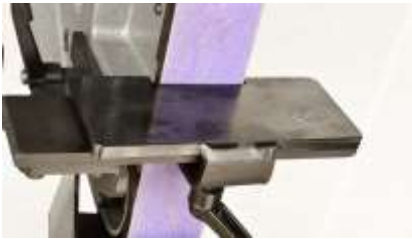
## RM-48 With variable speed available

### FEATURES:

- Internal, external and hollow grinding on 5 contact wheels
- Flat grinding in vertical and horizontal position
- Edge grinding on tool rest (tilts up 20° and down 45°)
- Slack belt grinding in horizontal and vertical positions
- Accurate tracking allows the use of cut down narrow belts down to 8mm
- Deburring of tube inside and outside
- Precision made in Australia
- 2 year commercial warranty
- Unmatched accuracy, versatility, performance & durability
- 20 year life expectancy
- 2 x 48" Belt (50 x 1220 mm)
- Variable speed available on request.



# Radius Master Belt Grinders



RMFBGA

This attachment supports thin knives both sides for tapered flat grinding.



RMDPTR

Mounting Plate RMMP

Drive wheel tool rest



RMPT

Plate table for horizontal grinding.



RMHGJ-MP

Hollow Grinding Jig to suit Radius Master RM 48 linisher. Complete with mounting plate.



RM-MB

Base Board on Wheels to suit Radius Master RM 48 linisher.  
Sturdy steel construction. Quality powdercoat finish.

# Select-a-Rad

A great all round workshop machine, The Select-A-Rad 50, Knifemakers belt grinder uses a 2" x 48" (50mm x 1220mm) / Belt Grinder uses a  $\phi$ 50mm wide belt and can be fitted with different sized front wheels up to 8".

## RMSR48C– Fixed Speed

## RMSR48CVS-Variable Speed

### FEATURES:

- All wheels are precision ground polyurethane (many times more durable than rubber)
- Accurate tracking provides sharp corner notching at the edge of the belt on tool rest
- Tracking mechanism will never lose its precision as vital pivots are sealed ball bearings
- Internal deburring of tube is possible at the same time as external chamfering
- Easily converts to flat bed linisher for grinding of faces and edges
- 228mm (9") drive pulley is precision ground polyurethane with hardness designed to produce chatter free finishes both ground and brushed to match all stainless grades, the extra size provides greater clearance around motor for Hollow grinding
- Convenience is expanded when machine is laid on its side for edge grinding or tube notching on the tilting table (included)
- Belt changing is made easy by simply swinging away the guards and pushing down on the belt at the tracking wheel
- Precision made in Australia
- 2 year commercial warranty
- Unmatched accuracy, versatility, performance & durability
- 20 year life expectancy



# Noob Grinders

Designed around the needs of the home hobbyist knifemaker, this grinder has applications across a far greater market. Available in a variety of packages to suit your individual needs , application and budget. Capable of running contact wheels from 1/4" to 10" mounted on quick change tooling mounts. This grinder is ideally suited to anyone who wants a head start into knife-making. In the manufacture of the Noob Grinder every possible cost has been reduced, whilst every effort made to maximize the usability and versatility of this fantastic machine. The grinders are supplied unpainted, and some basic assembly is required. For budget models, an electrician is required to provide and install switches and wiring.

## Specifications

Belt size 2 x 48" , 50 x 1220mm

Recommended Motor RPM: 2800

Recommended Motor size 1HP

Drive Shaft Size: 19mm

Motor Frame: D80

Drive wheel size: 100mm

Belt tension: Gas Strut

Tracking: Screw adjustment

## Standard Accessories

Tooling arm with four way universal Platen and contact wheel attachment. Allows easy conversion between Flat Platen, 2" Contact wheels, 3" contact wheels and slack belt

Basic Toolrest

## Optional Accessories

Double wheel small wheel attachments, allowing the use of two small wheels in one simple unit. Small Wheels available up to 45mm

Large wheel mounting arm. Large wheels available up to 250mm

Universal tool rest for use with all attachments.

Pedestal Mount Plinth with tilt mechanism allowing horizontal operation.

Surface Grinder Attachment.



# Noob Grinder Packages



<u>Part Number</u>	<u>Description</u>
NOOB1	Basic Noob Grinder including all contact wheels and Front 4 position platen . The Grinder comes with a basic toolrest, but no motor. Bench Mount
NOOB1BK	Basic Noob Grinder including all contact wheels and Front 4 position platen . The Grinder comes with a basic toolrest, and fixed speed motor. 1 Horse Power At this stage this grinder is provided as a kit and an electrician is required to wire and fit and install a suitable switch. Soon to be available wired to plug and play. Price will vary accordingly. Mounting Pedestal not included. (Bench mount)
NOOB1.5VS	<p>Knifemakers know that variable speed, makes a grinder, and the Noob Grinder with Variable speed is the recommended knifemaking choice.</p> <p>This kit includes the basic Noob Grinder including all wheels and Front 4 position platen . The Grinder comes with a basic toolrest, and variable speed motor. 1.5 Horse Power. At this stage this grinder is provided as a kit and an electrician is required to wire however all wiring is provided. Mounting Pedestal not included. (Bench mount). VFD is capable for running motors up to 3 Horse Power</p>
NOOB1.5DEL	<p>The Deluxe Kit.</p> <p>Includes:</p> <p>Noob Grinder</p> <p>1.5HP Variable speed Motor</p> <p>3HP IP65 rated VFD (Variable speed control)</p> <p>Wiring Harness, ready to connect.</p> <p>Mounting Pedestal for horizontal and vertical operation.</p> <p>Universal Tool Rest, for horizontal and vertical operation.</p> <p>Small wheel attachment complete with 3/4" (20mm) and 1" (25mm) Contact Wheels.</p>

# Noob Grinder Accessories

	<u>Part Number</u>	<u>Description</u>
	NOOB-P	Pedestal for floor mounting including flipping attachment, Primed for painting. With VFD mount.
	NOOB-UTR	Universal Tool Rest
	NOOB-SW2520	Small Wheel Attachment 1" (25mm) and 3/4"(20mm) Small wheels (Rotating)
	NOOB-SW1506	Small Wheel Attachment 1/2" (12.7mm) and 1/4" (6mm) Small wheels (Rotating) Should only be used on variable speed models at 50% or less speed.
	NOOB-TA	Noob Tooling Arm, Suit wheels to 10"



# Wilmont Belt Grinders

Wilmont's signature grinder is the Wilmont TAG-101. It is the optimum design, developed after years of experience and customer suggestions.

What makes Wilmont Grinders unique from others, is its flexibility and modular design. The TAG-101 has a unique 3 tooling arm slot design that overcomes shortcomings found in many other grinders. This grinder is both a Vertical and a Horizontal 2 x 72" grinder.

The TAG-101 was designed, built and tested by two knife makers who both work in the engineering field and have worked together to build a better mousetrap. The construction of the TAG-101 is also a completely new design that provides many more options when grinding knives. Having three tooling arm slots opens up a world of possibility and versatility, saving considerable time and increasing productivity.

## Triple Arm Grinder TAG101

**In stock subject to prior sale**

### FEATURES:

- 240 volt, single phase
- Vertical and horizontal grinding
- Universal work rest
- Adjustable flat platen with 2" contact wheel
- Slack belt.
- Precise tracking control
- 2 x 72" Belt (50 x 1830 mm)
- Variable speed motor
- 2 horse power motor runs from the speed of a file up.
- Accessories available allowing contact wheels from 1/4" right up to 14" to be used. (6—355 mm)
- Three tool slots allows multiple contact wheels to be used simultaneously
- 110 volt work light not included on Australian version





# Surface Grinder Attachment

The Strap on Surface Grinder attachment is a fantastic addition to every knife shop, or in fact any shop with a belt grinder.

These attachments have a sine adjustment to grind tang and distal tapers.

- Magnetic chuck 300 x 50 mm
- Slide Travel 450 mm
- Dial gauge ready
- 30mm of fine adjustment
- Can be used to grind compound
- Includes hard 125 mm x 63 mm contact wheel.

Mounting Arms for grinders are sold separately.

No longer being made to suit Radius Masters.

Part#: SOSG



## Surface Grinder Accessories



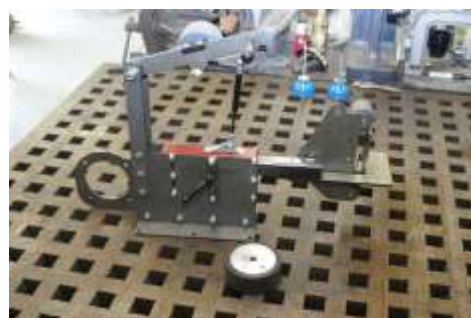
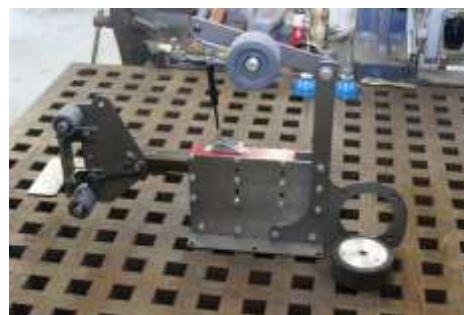
<u>Part Number</u>	<u>Product Name</u>	<u>Product Description</u>
KMDI	Large Travel Digital Dial Indicators for Strap On Surface Grinders	<p>Very Similar to much more expensive brands at a fraction of the price!</p> <p>An excellent addition to your strap on surface grinder!</p> <p>0-25.4 mm(0-1") Resolution:0.01mm/0.0005"</p>

# Little Buddy Grinder LB-1000

LBG-BK Basic kit no motor. LBG-VSW Kit with motor & variable speed drive

## FEATURES:

- Adjustable Flat Platen
- Slack belt capability
- Fixed tool rest
- Precise Tracking Control
- 2 x 72" Belt (50 x 1830 mm)
- Can be fitted with fixed speed or variable speed motor. Metric B14A flange mount 90S frame 24mm shaft.
- Accessories available allowing contact wheels from 1/4" right up to 14" to be used. (6—355 mm)
- Two tool slots allows the use of the universal tool rest sold separately
- Durable PVC tracking and idler wheels.
- PU coated drive wheel.



## Wilmont Grinder Accessories



<u>Part Number</u>	<u>Description</u>
TAG101-1	15" Tooling Arm to suit large (up to 14" ) contact wheels, ½" threaded.
TAG101-2	Wilmont Small Wheel attachment including arm
TAG101-7	Adjustable Universal workrest for horizontal and vertical grinding.
<u>Contact Wheels</u>	<u>Many Sizes available, look under contact wheels in this catalogue</u>

# Contact Wheels



Our contact wheels are made in Australia by knifemakers for knifemakers. They run on a 1/2" shaft or bolt and are coated with high grade 80 Duro polyurethane. To ensure years of trouble free service, we fit high quality bearings. These wheels are a joy to use. We are confident these contact wheels are among the best available in the world.

<b><u>Part Number</u></b>	<b><u>Description</u></b>
SWR-.250	¼" Small Wheel, Suit Wilmont and SWF
SWR-.500	½" Small Wheel, Suit Wilmont and SWF
SWR-.625	5/8" Small Wheel, Suit Wilmont and SWF
SWR-.750	3/4" Small Wheel, Suit Wilmont and SWF
SWR-1.00	1" Small Wheel, Suit Wilmont and SWF
SWR-1.25	1 ¼" Small Wheel, Suit Wilmont and SWF
SWR-1.50	1 ½" Small Wheel, Suit Wilmont and SWF
SWR-2.00	2" Small Wheel, Suit Wilmont and SWF
WCW2	Wilmont, USA made 2" contact wheel, suit 1/2" bolt/shaft mount. PU coated Anodized aluminium
WCW5	Contact Wheel 5" Diameter, 80 Duro, 1/2" Shaft
WCW8	Contact Wheel 8" Diameter, 80 Duro, 1/2" Shaft
WCW10	Contact Wheel 10" Diameter, 80 Duro, 1/2" Shaft
WCW12	Contact Wheel 12" Diameter, 80 Duro, 1/2" Shaft
WCW14	Contact Wheel 14" Diameter, 80 Duro, 1/2" Shaft

# 123 Blocks

123 Blocks are used for hundreds of tasks in the machinists or knifemakers workshops, and these fantastic blocks are made to bolt together properly unlike other 123 blocks in this price bracket.

These are not the cheap ones that won't bolt together.

They come in a plastic case with screws.

There is an excellent article here on how this type of block can be used: <http://rick.sparber.org/123.pdf>

They are the most useful tool a knifemaker can have in their shop for setting platens and toolrests square in seconds.

Part#: 123BPC



## Precision Parallels

Part#	Description	Heights
PPS-125-10	10 pairs of precision parallels hardened	1/8" x 1/2" x 6"
		1/8" x 5/8" x 6"
		1/8" x 3/4" x 6"
		1/8" x 7/8" x 6"
		1/8" x 1" x 6"
		1/8" x 1 1/8" x 6"
		1/8" x 1 1/4" x 6"
		1/8" x 1 3/8" x 6"
		1/8" x 1 1/2" x 6"
		1/8" x 1 5/8" x 6"
PP-M-3-14	14 pairs of precision parallels hardened to 55rc in metric	14
	3mm x 150mm x the following heights:	
		16
		18
		20
		22
		24
		26
		28
		30
		32
		35
		40
		45
		50



Part#	Description	Heights
PP-M-10-14	14 pairs of precision parallels hardened to 55rc in metric.	14
	10mm x 150mm x the following heights:	
		16
		18
		20
		22
		24
		26
		28
		30
		32
		35
		40
		45
		50

# Motors and Build your own Grinder Parts



<u>Part Number</u>	<u>Description</u>
WDW5	5" Drive wheel 5/8" shaft
WDW-LBG	5" PU coated drive wheel, 24mm shaft
WTW4	4" crowned tracking wheel,. Anodized aluminium c/w Bearings
WTWPVC4	4" crowned tracking wheel, PVC c/w Bearings
WIW2	2" Idler wheel, suit 1/2" bolt/shaft mount. Anodized aluminium
WIWPVC2	2" Idler wheel, suit 1/2" bolt/shaft mount. PVC
SWF	Small Wheel mounting kit, adaptable to homebuilt grinders
NOOB-1HP	1hp 240 volt, fixed speed motor to suit Noob Grinder
NOOB-WIRE	Wiring and switch kit for 1HP fixed speed motor
NOOB-1HPVS	1HP variable speed motor only suitable for use with VFD speed control. (See Note)
NOOB-1HPVFD	1HP VFD suitable for use with 1 HP Variable speed motor only (See Note)
NOOB-1.5HPVS	1.5 HP variable speed motor only suitable for use with VFD speed control. (See Note)
LBG-VFD	2HP Sealed Variable frequency speed controller. IP 65 prevents entry of metal dust,240 volt single phase in, electronically converts to 240 Volt, 3 phase out to suit motors.
LBG-2HP	240 Volt 3 phase (requires VFD above for single phase use). 2 HP 2 pole motor with B14A Flange and 90S Metric mounts. Suits little buddy grinder. 24mm shaft
LBG-WIRE	Wiring kit to suit above VFD and Motor
TAG101-2HPM	240 Volt 3 phase (requires VFD above for single phase use). 2 HP motor with 56C Flange mount. Suits TAG101. 5/8" Shaft

Note: Variable speed motors are three phase motors, The VFD converts your single phase power into 3 phases to control the speed of the motor. When used with a VFD you only need single phase power to run them. Unless you have 3 phase power you cannot run them without a VFD.



# Disc Grinders, Discs



Disc grinders are used by knifemakers to ensure surfaces are perfectly smooth and flat. These discs can be fitted to variable speed motors and used with appropriate workrests. They are 8 7/8" in diameter, ensuring a standard sheet of sandpaper, or wet and dry paper can be stuck to them.

Bevelled discs are used for blade grinding and finishing. They allow the blade to pass over the centre of the disc without contacting the other side.

<u>Part Number</u>	<u>Description</u>
GD9-19F	Sanding disc to suit 19mm shaft, Flat
GD9-24F	Sanding disc to suit 24mm shaft, Flat
GD9-19B	Sanding disc to suit 19mm shaft, Bevelled
GD9-24B	Sanding disc to suit 24mm shaft, Bevelled

## Disc Grinder Abrasives

Sized specifically for Gameco's Disc Grinder discs, these abrasives use Velcro to attach to the surface of the disc. Meaning discs can be changed in seconds without the use of adhesives. You need the Velcro Hook sheet, which is pre cut and self adhesive.

<u>Part Number</u>	<u>Grit</u>	<u>Backing</u>
VC153VEL40	40	E Weight
VC153VEL60	60	E Weight
VC153VEL80	80	E Weight
VC153VEL100	100	E Weight
VC154LLVEL150	150	C Weight
VC154LLVEL240	240	C Weight
VC154LLVEL400	400	C Weight
VELCROHOOKSK600	NA	NA





**In stock for immediate delivery**



<u>Part Number</u>	<u>Description</u>
RSWK-8-0.75	Gritted and Slotted Paper wheels and all accessories, 8" wheels designed to be fitted to a 6" grinder
RSWK-10-1	Gritted and Slotted Paper wheels and all accessories, 10" wheels designed to be fitted to a 8" grinder

## Spares and Consumables



<u>Part Number</u>	<u>Description</u>
RSWS-8-0.75	8" Razor Sharp Sharpening Wheel Slotted
RSWG-8-0.75	8" Razor Sharp Sharpening Wheel Gritted
RSWS-10-1	10" Razor Sharp Sharpening Wheel Slotted
RSSWP-6-0.25	6" Razor sharp 1/4" Shaper Wheel Plain
RSSWP-8-0.25	8" Razor sharp 1/4" Shaper Wheel Plain
RSWA-GRITKIT	Razor Sharp Wheel Re-Grit Pack
RSWA-G	Jar of Grit
RSWA-R	"Cake" of Rouge
RSWA-W	"Chunk" of Wax
RSWB-08-1008	Razor sharp Bush, 1/2" Long 5/8" to 1/2"
RSWB-16-1008	Razor sharp Bush, 1" Long 5/8" to 1/2"
RSWB-16-1210	Razor sharp Bush, 1" Long 3/4" to 5/8"

**Warning:** As with buffing knife blades, if the edge is turned into the wheel as described as incorrect in the instructions, the blade can be caught and thrown at speed most certainly destroying the wheel, the knife and potentially causing injury and death. Do not do it. Ever.

Never turn a knife into the wheel. Always have the edge of the knife angled down in the direction that the wheel is turning. Don't draw the tip of the knife clear across the wheel. When pulling the knife across either wheel, take it away from the wheel when the tip is in the middle of the wheel, otherwise you may catch the tip on the edge.





# Wet & Dry Paper

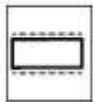
The world's knifemakers all agree, when it comes to hand sanding, Rhynowet Red is the best. It lasts longer and cuts quicker. If you love hand sanding, this is not the paper for you. It can cut your sanding time by as much as half. There are 50 sheets to a pack.

Hermes 2000 and 2500 Grit paper is available in 25 sheet packs.



<u>Part Number</u>	<u>Grit</u>
RR0180	180
RR0240	240
RR0320	320
RR0400	400
RR0600	600
RR0800	800
RR1000	1000
RR1200	1200
RR1500	1500
WSFX2000-25 (Hermes )	2000
WSFX2500-25 (Hermes)	2500

# Knifemakers Files



<u>Part Number</u>	<u>Description</u>
<p>Checkering files are used to create jimping for grip on the spine of a knife. Originally developed for creating checkered patterns on flat or convex surfaces, these files are a popular and valuable tool in any knifemakers or gunsmiths toolbox. More stock and range coming soon. Made in Switzerland by Vallorbe.</p>	
CF19-00	Checkering File, Extra coarse 19mm wide 20 LPSI
CF12-00	Checkering File, Extra coarse (pillar) 12mm wide 20 LPSI
CF12-0	Checkering File, Coarse (pillar) 12mm wide 30 LPSI
LP1136-6-00	Checkering File, 12.4 x 4.5 x 150mm (200 mm overall) 00 (20 LPI) Cut
LP1136-6-2	Checkering File, 12.4 x 4.5 x 150mm (200 mm overall) 0 (30 LPI) Cut
LP1166-6-00	Checkering File, 19 x 5.2 x 150mm (200 mm overall) 00 (20 LPI) Cut
LP1138-6-00	Checkering File, 10.5 x 2.4 x 150mm (200 mm overall) 00 (coarse) Cut
LP1138-6-2	Checkering File, 10.5 x 2.4 x 150mm (200 mm overall) 2 (fine) Cut
<p>Pillar, Slim and Thin files have countless uses to the knifemaker, They are almost indispensable for making slots in guards. Made in Switzerland by Vallorbe.</p>	
PSF6-00	Pillar File , Slim 150mm x 6.5mm x 3mm Coarse Cut
PSF8-00	Pillar File , Slim 200mm x 8.3mm x 3.8mm Coarse Cut
PSF8-2	Pillar File , Slim 200mm x 8.3mm x 3.3mm Fine Cut
PTF6-00	Pillar File , Thin 10.5mm Wide x 2.4mm Thick Coarse Cut
PTF6-2	Pillar File , Thin 10.5mm Wide x 2.4mm Thick Fine Cut
LP1152-3-2	Pillar File, 2.7 x 1.7 x 75mm (115 mm overall), 2 (fine) Cut
LP1152-4-00	Pillar File, 3.7 x 1.7 x 100mm (145 mm overall), 00 (coarse) Cut
LP1152-4-2	Pillar File, 3.7 x 1.7 x 100mm (145 mm overall), 2 (fine) Cut
<p>It has a unique cut pattern that allows rough and finishing cuts to be made with the one file, while resisting clogging. One edge cuts, the other has no cut (Safety Edge). A fantastic file as a go to file for many shaping applications!</p>	
LH2901-00	Multi Valve, 100 mm long. With handle— 215 mm overall
<p>The Bastard Handy File. is a great go to file for all applications. One Side is a single cut file the other is an aggressive Bastard file. Both edges have no cut (Safety Edges)</p>	
LX5530-10	Bastard File, 250 mm long. With handle— 350 mm overall

# Knifemakers Files Set



<u>Part#</u>	<u>Description</u>	<u>Cut</u>	<u>Set Qty</u>	<u>Dimension</u>
<p>Vallorbe Needle file sets are world renowned for their quality and performance. These are proudly genuine Vallorbe files and not copies as are often seen. Valtitan needle files are hardened to an incredible 72RC.</p> <p>They are available in five variants:</p>				
LA2443-0	Pillar, half round, triangle, square, round, barrette	0 (Coarse)	6	160 mm overall
LA2443-2	Pillar, half round, triangle, square, round, barrette	2 (Fine)	6	160 mm overall
LA2483-0	Pillar, half round, crossing, knife, warding, triangle, square, oval, round, barrette, crochet, pillar round edged	0 (Coarse)	12	160 mm overall
LA2483-2	Pillar, half round, crossing, knife, warding, triangle, square, oval, round, barrette, crochet, pillar round edged	2 (Fine)	12	160 mm overall
LAV2495-0 Valtitan	Valtitan 72 RC Super Hard Files, Pillar, half round, triangle, square, round, barrette	0 (Coarse)	6	160 mm overall

# ABRASIVE BELT BUYERS GUIDE

Manufac- turers Number	Colour	Manufacturer	Grain Type	Backing	Suitable for:	Notes
R980 "Blaze"	Orange	Norton	Ceramic	Stiff	High Pressure Grinding	The premium belts for knifemaking applications. These belts cut better and outlast everything else in their class. Available in grits between 50 and 120.
CN466X	Green	Hermes	Ceramic	Medium Flexibility	Hardened steel, most metals. Plas- tics and timber when the belt is new and sharp	Used for finishing applications, these belts have a limited amount of flexibility making them useful to finish curved and flat surfaces alike. Curved surfaces are finished with a slack belt, ie no backing behind the belt. These are available in 120 and 240 Grit.
CN466Z	Green	Hermes	Ceramic	Stiff	High Pressure grinding of steel and hardened steel. This belt loves rough grind- ing.	These are the premium grinding belt from Hermes, described by Chris Williams of Wilmont grinders as "two thirds as good as Norton Blaze, but at 1/2 the price."  These have not been available in Australia for some time but have been released again by popular demand. Currently only in 50 Grit, we recommend you try this belt.  It needs fast speeds for maximum life and performance.
CR456Z	Green	Hermes	Ceramic	Stiff	Flat Grinding met- als	These belts are used for all general purpose metal grinding applications
CR456J	Green	Hermes	Ceramic	Highly Flexible	Grinding metals, curves and Radi- uses	Great for work finishing stainless guards and grinding convex shapes. A great use of this belt is grinding perfect curved plunge lines by tracking over a radius edged platen.
RB406J	Blue	Hermes	Alumini- um Oxide	Highly Flexible	Finishing curved surfaces in timber and soft metals	The Aluminium oxide grit works better for softer materials, the CR456J would be a better choice for steel

Manufac- turers Number	Colour	Manufacturer	Grain Type	Backing	Suitable for:	Notes
RB4844Z	Blue	Hermes	Zirconia	Stiff	Grinding Handle materials, all kinds	These belts are sharper in nature than ceramic and work better for handle material work. They will normally last very well when used exclusively for this application
RB346 /377	Brown	Hermes	Alumini- um Oxide	Stiff	Fine finishing of flat surfaces	The fine aluminium oxide grit works well on all materials including hardened steel
70150		Hermes	WEBRAX	Medium	Structured scratch patterns, rust removal	These belts are like a scouring pad for your grinder, they will leave reasonably consistent scratch pattern, a nice off the grinder finish on a working knife.
KORK		Hermes	Coated Cork	Medium	High level finishing of metals	Among the best belts available for finishing steel to a high level. Normally used with a lubricant like light oil, these belts rapidly blend away scratches.
U264 "Norax"	White	Norton	Alumini- um Oxide Structured Abrasive.	Medium Flexible	Sharpening and finishing	Very consistent performance and long lasting belts for grits up to around P5000
307EA "Trizact"	Silver	3M This belt has been superseded by Norton Norax	Alumini- um Oxide Structured Abrasive.	Flexible	Sharpening and finishing	Very consistent performance and long lasting belts for grits up to around 2000
3370EA "Gator"	Light Green	3m	Alumini- um Oxide Structured Abrasive.	Flexible	Sharpening and finishing	Very consistent finish and long lasting belts in the medium grit range.



# Hermes Abrasive Belts



Part Number	Size	Grit Type	Grit	Backing
36CR456Z-50	2 x 36" (50 x 915 mm)	Ceramic	50	Z, Very Stiff
36CR456Z-120	2 x 36" (50 x 915 mm)	Ceramic	120	Z, Very Stiff
36CN466X-240	2 x 36" (50 x 915 mm)	Ceramic	240	X, Medium Flexibility
36RB377YX-400	2 x 36" (50 x 915 mm)	Aluminium Oxide	400	Stiff
48CN466X-120	2 x 48" (50 x 1220 mm)	Ceramic	120	X, Medium Flexibility
48CN466X-240	2 x 48" (50 x 1220 mm)	Ceramic	240	X, Medium Flexibility
48CN466Z-50	2 x 48" (50 x 1220 mm)	Ceramic	50	Z, Very Stiff
48CR456J-120	2 x 48" (50 x 1220 mm)	Ceramic	120	J, Highly Flexible
48CR456J-180	2 x 48" (50 x 1220 mm)	Ceramic	180	J, Highly Flexible
48CR456J-220	2 x 48" (50 x 1220 mm)	Ceramic	220	J, Highly Flexible
48CR456Z-36	2 x 48" (50 x 1220 mm)	Ceramic	36	Z, Very Stiff
48CR456Z-50	2 x 48" (50 x 1220 mm)	Ceramic	50	Z, Very Stiff
48CR456Z-60	2 x 48" (50 x 1220 mm)	Ceramic	60	Z, Very Stiff
48CR456Z-80	2 x 48" (50 x 1220 mm)	Ceramic	80	Z, Very Stiff
48CR456Z-120	2 x 48" (50 x 1220 mm)	Ceramic	120	Z, Very Stiff
48RB406J-120	2 x 48" (50 x 1220 mm)	Aluminium Oxide	120	J, Highly Flexible
48RB406J-240	2 x 48" (50 x 1220 mm)	Aluminium Oxide	240	J, Highly Flexible
48RB406J-400	2 x 48" (50 x 1220 mm)	Aluminium Oxide	400	J, Highly Flexible
48RB484Z-50	2 x 48" (50 x 1220 mm)	Zirconia alumina	50	Z, Very Stiff
48RB484Z-60	2 x 48" (50 x 1220 mm)	Zirconia alumina	60	Z, Very Stiff
48RB484Z-100	2 x 48" (50 x 1220 mm)	Zirconia alumina	100	Z, Very Stiff
48RB484Z-120	2 x 48" (50 x 1220 mm)	Zirconia alumina	120	Z, Very Stiff
4870150-280	2 x 48" (50 x 1220 mm)	WEBRAX	280	WEBRAX
48Kork -220	2 x 48" (50 x 1220 mm)	Kork/Silicum carbide	220	Special
48Kork -400	2 x 48" (50 x 1220 mm)	Kork/Silicum carbide	400	Special
48Kork -600	2 x 48" (50 x 1220 mm)	Kork/Silicum carbide	600	Special
48Kork-800	2 x 48" (50 x 1220 mm)	Kork/Silicum carbide	800	Special



Part Number	Size	Grit Type	Grit	Backing
72CN466X-120	2 x 72" (50 x 1830 mm)	Ceramic	120	X, Medium Flex
72CN466X-240	2 x 72" (50 x 1830 mm)	Ceramic	240	X, Medium Flex
72CN466Z-50	2 x 72" (50 x 1830 mm)	Ceramic	50	Z, Very Stiff
72CR456J-120	2 x 72" (50 x 1830 mm)	Ceramic	120	J, Highly Flexible
72CR456J-180	2 x 72" (50 x 1830 mm)	Ceramic	180	J, Highly Flexible
72CR456J-220	2 x 72" (50 x 1830 mm)	Ceramic	220	J, Highly Flexible
72CR456Z-36	2 x 72" (50 x 1830 mm)	Ceramic	36	Z, Very Stiff
72CR456Z-50	2 x 72" (50 x 1830 mm)	Ceramic	50	Z, Very Stiff
72CR456Z-60	2 x 72" (50 x 1830 mm)	Ceramic	60	Z, Very Stiff
72CR456Z-80	2 x 72" (50 x 1830 mm)	Ceramic	80	Z, Very Stiff
72CR456Z-120	2 x 72" (50 x 1830 mm)	Ceramic	120	Z, Very Stiff
72RB406J-120	2 x 72" (50 x 1830 mm)	Aluminium Oxide	120	J, Highly Flexible
72RB406J-240	2 x 72" (50 x 1830 mm)	Aluminium Oxide	240	J, Highly Flexible
72RB406J-400	2 x 72" (50 x 1830 mm)	Aluminium Oxide	400	J, Highly Flexible
72RB346-400	2 x 72" (50 x 1830 mm)	Aluminium Oxide	400	Stiff
72RB484Z-40	2 x 72" (50 x 1830 mm)	Zirconia alumina	40	Z, Very Stiff
72RB484Z-60	2 x 72" (50 x 1830 mm)	Zirconia alumina	60	Z, Very Stiff
72RB484Z-100	2 x 72" (50 x 1830 mm)	Zirconia alumina	100	Z, Very Stiff
72RB484Z-120	2 x 72" (50 x 1830 mm)	Zirconia alumina	120	Z, Very Stiff
72Kork-220	2 x 72" (50 x 1830 mm)	Kork/Silicum carbid	220	Special
72Kork-280	2 x 72" (50 x 1830 mm)	Kork/Silicum carbid	280	Special
72Kork-400	2 x 72" (50 x 1830 mm)	Kork/Silicum carbid	400	Special
72Kork-600	2 x 72" (50 x 1830 mm)	Kork/Silicum carbid	600	Special
72Kork-800	2 x 72" (50 x 1830 mm)	Kork/Silicum carbid	800	Special
7270150-280	2 x 72" (50 x 1830 mm)	Korund (+ 800 Sic)	280	Webrax
7270150-800	2 x 72" (50 x 1830 mm)	Korund (+ 800 Sic)	800	Webrax
7270150-400	2 x 72" (50 x 1830 mm)	Korund (+ 800 Sic)	400	Webrax

Part Number	Size	Grit Type	Grit	Backing
96CR456J-220	2 x 96" (50 x 2440 mm)	Ceramic	220	J, Highly Flexible
96CR456Z-40	2 x 96" (50 x 2440 mm)	Ceramic	40	Z, Very Stiff
96CR456Z-120	2 x 96" (50 x 2440 mm)	Ceramic	120	Z, Very Stiff

## Norton Blaze, Norax and 3M Trizact

Part Number	Size	Grit Type	Grit	Backing
48R980-50	2 x 48" (50 x 1220 mm)	Blaze Ceramic	50	Very Stiff
48R980-60	2 x 48" (50 x 1220 mm)	Blaze Ceramic	60	Very Stiff
48R980-100	2 x 48" (50 x 1220 mm)	Blaze Ceramic	100	Very Stiff
48R980-120	2 x 48" (50 x 1220 mm)	Blaze Ceramic	120	Very Stiff
48U264-100	2 x 48" (50 x 1220 mm)	Norax (Supersedes Trizact)	X100 (P150)	Stiff
483370EA-A65CF	2 x 48" (50 x 1220 mm)	Trizact Gator	A65 (240)	Medium Flexibility
483370EA-A45CF	2 x 48" (50 x 1220 mm)	Trizact Gator	A45 (400)	Medium Flexibility
48U264-45	2 x 48" (50 x 1220 mm)	Norax (Supersedes Trizact)	X45 (P320)	Stiff
48237AA-A45	2 x 48" (50 x 1220 mm)	Trizact	A45 (400)	Stiff
48U264-30	2 x 48" (50 x 1220 mm)	Norax (Supersedes Trizact)	X30 (P500)	Stiff
48307EA-A30	2 x 48" (50 x 1220 mm)	Trizact	A30 (600)	Medium Flexibility
48U264-16	2 x 48" (50 x 1220 mm)	Norax (Supersedes Trizact)	X16 (P1200)	Stiff
48237AA-A16	2 x 48" (50 x 1220 mm)	Trizact	A16 (1200)	Stiff
48U264-5	2 x 48" (50 x 1220 mm)	Norax (Supersedes Trizact)	X5 (P5000)	Stiff
48307EA-A6	2 x 48" (50 x 1220 mm)	Trizact	A6 (2000)	Medium Flexibility

Part Number	Size	Grit Type	Grit	Backing
72R980-50	2 x 72" (50 x 1830 mm)	Blaze Ceramic	50	Very Stiff
72R980-60	2 x 72" (50 x 1830 mm)	Blaze Ceramic	60	Very Stiff
72R980-100	2 x 72" (50 x 1830 mm)	Blaze Ceramic	100	Very Stiff
72R980-120	2 x 72" (50 x 1830 mm)	Blaze Ceramic	120	Very Stiff
72U264-100	2 x 72" (50 x 1830 mm)	Norax (Supersedes Trizact)	X100 (P150)	Stiff
723370EA-A65CF	2 x 72" (50 x 1830 mm)	Trizact Gator	A65 (240)	Medium Flexibility
723370EA-A45CF	2 x 72" (50 x 1830 mm)	Trizact Gator	A45 (400)	Medium Flexibility
72U264-45	2 x 72" (50 x 1830 mm)	Norax (Supersedes Trizact)	X45 (P320)	Stiff
72U264-30	2 x 72" (50 x 1830 mm)	Norax (Supersedes Trizact)	X30 (P600)	Stiff
72307EA-A30	2 x 72" (50 x 1830 mm)	Trizact	A30 (600)	Medium Flexibility
72U264-16	2 x 72" (50 x 1830 mm)	Norax (Supersedes Trizact)	X16 (P1200)	Stiff
72307EA-A16	2 x 72" (50 x 1830 mm)	Trizact	A16 (1200)	Medium Flexibility
72U264-5	2 x 72" (50 x 1830 mm)	Norax (Supersedes Trizact)	X (P5000)	Stiff
72307EA-A6	2 x 72" (50 x 1830 mm)	Trizact	A6 (2000)	Medium Flexibility

# Polishing Equipment

When polishing knives, mops and buffs can rip a razor sharp blade out of your hands and throw it with tremendous force , causing severe injury and death. Please ensure you are properly trained in the safe use of this equipment before starting.

This is our newest product category and the range will expand over the next few months. Want us to stock something specific? Just ask!

<b>Part#</b>	<b>Description</b>
KBCG	<b>Jumbo Block</b> of buffing Compound, Green Chrome, Normally reserved for polishing stainless steels
KBCW	<b>Jumbo Block</b> of buffing Compound, White, For final finish on hard metals. Has a cutting compound
KBCT	<b>Jumbo Block</b> of buffing Compound, Tripoli (Brown) Polish soft metals like brass copper and nickel silver
KB0660-L	6" 60 Ply Loose Pin Hole
KB0640-1	6" 40 ply sewn pin hole
KB0840-1	8" 40 Ply 1" Sewn Pin Hole
KB0840-L	8" 40 Ply Loose Pin Hole
KB0860-1	8" 60 Ply Sewn Pin Hole



## Polishing Belts for Belt Grinders

These unique belts are manufactured specifically for polishing. They contain no grit and are used similar to a mop on a bench grinder, with polishing compounds being applied of the desired grit.

As the belts cannot be cleaned you should keep your polishing belts separately, along with the compound used on it, and protected from contamination. Even a few specs of grit contamination can have a drastic effect on the final polish.





<b>Part#</b>	<b>Sizes</b>
48PN721	1220 x 50 mm (48" x 2")
72PN721	1830 x 50 mm (72" x 2")





# Blacksmith Tongs and Tools




Having the right tool for the job is essential when working with hot metal. Gameco's high quality tongs provide an excellent means to hold your work. Manufactured from high carbon steel, these tongs are light weight, yet exceedingly strong.




Part Number	DESCRIPTION
Fire tongs are favoured by farriers as a universal tong for holding horse shoes during manufacture or modification.	
	
	<b>BLACKSMITH FIRE TONGS HEAVY JAWS</b>
<b>BTC-901-12</b>	<b>FIRE TONGS HEAVY JAWS ¼" x 12" REINS W/BALL ON END OF REINS C.S.</b>
<b>BTC-903-12</b>	<b>FIRE TONGS HEAVY JAWS 3/8" x 12" REINS W/BALL ON END OF REINS C.S.</b>
	
	<b>BLACKSMITH FIRE TONGS LIGHT JAWS</b>
<b>BTC-908-14</b>	<b>FIRE TONGS LIGHT JAWS 5/16" x 14" REINS W/BALL ON END OF REINS C.S.</b>
<b>BTC-910-14</b>	<b>FIRE TONGS LIGHT JAWS 7/16" x 14" REINS W/BALL ON END OF REINS C.S.</b>
<b>BTC-912-14</b>	<b>FIRE TONGS LIGHT JAWS 5/8" x 14" REINS W/BALL ON END OF REINS C.S.</b>
	
	<b>BLACKSMITH FIRE TONGS WITH TAPER JAWS</b>
<b>BTC-913-14</b>	<b>FIRE TONGS TAPER JAWS ¼" x 14" REINS W/BALL ON END OF REINS C.S.</b>
<b>BTC-914-14</b>	<b>FIRE TONGS TAPER JAWS 5/16" x 14" REINS W/BALL ON END OF REINS C.S.</b>
<b>BTC-915-14</b>	<b>FIRE TONGS TAPER JAWS 3/8" x 14" REINS W/BALL ON END OF REINS C.S.</b>
<b>BTC-919-14</b>	<b>FIRE TONGS EXTRUDED SHAPES ¼" x 14" REINS W/BALL ON END OF REINS C.S.</b>
<b>BTC-923-14</b>	<b>FIRE TONGS EXTRUDED SHAPES ½" x 14" REINS W/BALL ON END OF REINS C.S.</b>






Part Number	DESCRIPTION
<p>If you are looking for a versatile pair of tongs to hold round or square stock, take a look at our range of bolt tongs. They are used to hold round or square bar, perpendicular, or in line with the Jaws, and have plenty of clearance for nail, bolt or rivet heads between the tongs jaws and its rivet. The jaws are not as robust as V jaw tongs, however robust enough for most applications.</p>	
	
	<b>BLACKSMITH BOLT TONGS</b>
BTC-931-12	BOLT TONG 3/16" x 12" REINS W/BALL ON END OF REINS C.S.
BTC-932-12	BOLT TONG 1/4" x 12" REINS W/BALL ON END OF REINS C.S.
BTC-933-12	BOLT TONG 5/16" x 12" REINS W/BALL ON END OF REINS C.S.
BTC-934-12	BOLT TONG 3/8" x 12" REINS W/BALL ON END OF REINS C.S.
BTC-935-12	BOLT TONG 1/2" x 12" REINS W/BALL ON END OF REINS C.S.
BTC-961-14	BOLT TONG 5/8" x 14" REINS W/BALL ON END OF REINS C.S.
BTC-962-14	BOLT TONG 3/4" x 14" REINS W/BALL ON END OF REINS C.S.
BTC-963-14	BOLT TONG 7/8" x 14" REINS W/BALL ON END OF REINS C.S.
BTC-964-14	BOLT TONG 1" x 14" REINS W/BALL ON END OF REINS C.S.
	
	<b>BLACKSMITH BOLT TONGS HEAVY PATTERN</b>
BTC-981-14	BOLT TONG 3/4" x 14" REINS (HEAVY PATTERN) C.S.
BTC-982-14	BOLT TONG 7/8" x 14" REINS (HEAVY PATTERN) C.S.
BTC-983-14	BOLT TONG 1" x 14" REINS (HEAVY PATTERN) C.S.
BTC-984-14	BOLT TONG 1-1/4" x 14" REINS (HEAVY PATTERN) C.S.
BTC-985-14	BOLT TONG 1-3/8" x 14" REINS (HEAVY PATTERN) C.S.
BTC-986-14	BOLT TONG 1-1/2" x 14" REINS (HEAVY PATTERN) C.S.
BTC-987-14	BOLT TONG 1-3/4" x 14" REINS (HEAVY PATTERN) C.S.
BTC-988-14	BOLT TONG 2" x 14" REINS (HEAVY PATTERN) C.S.
BTC-990-14	BOLT TONG 2-1/2" x 14" REINS (HEAVY PATTERN) C.S.
BTC-1021-18	BOLT TONG 3/4" x 18" REINS (HEAVY PATTERN) C.S.
BTC-1022-18	BOLT TONG 7/8" x 18" REINS (HEAVY PATTERN) C.S.
BTC-1023-18	BOLT TONG 1" x 18" REINS (HEAVY PATTERN) C.S.



Part Number	DESCRIPTION
	
	<b>UNIVERSAL WOLF JAW TONG</b>
Universal Wolf Jaw tongs are exceedingly versatile and can hold a variety of materials reasonably well. A must in any workshop	
<b>BTC-1061-12</b>	<b>UNIVERSAL WOLF JAW TONG 2-1/2" SM x 12" W/BALLS ON END OF REINS C.S.</b>
<b>BTC-1071-15</b>	<b>UNIVERSAL WOLF JAW TONG 3-3/4" LG x 15" REINS W/BALLS ON END OF REINS C.S.</b>
	
	<b>CLOSE &amp; OPEN MOUTH PICKUP TONGS</b>
<b>BTC-1081-14</b>	<b>CLOSE MOUTH TONGS MD 4" JAW x 14" REINS W/BALLS ON END OF REINS C.S.</b>
<b>BTC-1091-14</b>	<b>OPEN MOUTH TONGS 4" JAW x 14" REINS W/BALLS ON END OF REINS C.S.</b>
	
	<b>DOUBLE &amp; TRIPLE PICKUP TONGS</b>
<b>BTC-1101-14</b>	<b>DOUBLE PICKUP TONGS 3" JAW x 14" REINS W/BALLS ON END OF REINS C.S.</b>
<b>BTC-1111-14</b>	<b>TRIPLE PICKUP TONGS 6" JAW x 14" REINS W/BALLS ON END OF REINS</b>
	
	<b>BLACKSMITH SCROLL TONGS</b>
Scroll tongs are used to adjust scroll work. They have two conical jaws. They are also commonly used to straighten bent blades	
<b>BTC-1121-8</b>	<b>SM SCROLL TONGS 2-1/2" JAW x 8" REINS W/BALLS ON END OF REINS C.S.</b>
<b>BTC-1122-14</b>	<b>MD SCROLL TONGS 2-1/2" JAW x 14" REINS W/BALLS ON END OF REINS C.S.</b>
<b>BTC-1123-14</b>	<b>LG SCROLL TONGS 5" JAW W/BALLS ON END OF REINS 14". C.S.</b>
<b>BTC-1124-8</b>	<b>LG SCROLL TONGS 1-1/2" JAW W/BALLS ON END OF REINS 8" C.S. (90 DEGREE)</b>

Part Number	DESCRIPTION
	
	<b>BLACKSMITH DUCKBILL TONGS</b>
Duckbill tongs are short tongs that are very versatile for small work and sheet metal manipulating	
<b>BTC-1191-8</b>	<b>DUCKBILL TONGS V-BIT 1/8 x 8" REINS W/BALLS ON END OF REINS C.S.</b>
<b>BTC-1195-8</b>	<b>DUCKBILL TONGS PLAIN MOUTH x 8" REINS W/BALLS ON END OF REINS C.S.</b>
<b>BTC-1196-8</b>	<b>DUCKBILL TONGS PLAIN MOUTH x 8" REINS W/BALLS ON END OF REINS C.S. (45°)</b>
	
	<b>BOX JAW TONGS</b>
Designed to hold flat bar these tongs work very well as long as the width of the stock is the same size , or just a little smaller than the	
<b>BTC-1223-12</b>	<b>BOX JAW TONGS 1/4" x 1" JAW x 12" REINS W/BALLS ON END OF REINS C.S.</b>
<b>BTC-1224-12</b>	<b>BOX JAW TONGS 1/4" x 1-1/4" JAW x 12" REINS W/BALLS ON END OF REINS C.S.</b>
<b>BTC-1251-14</b>	<b>BOX JAW TONGS 1/4" x 1-3/8" JAW x 14" REINS W/BALLS ON END OF REINS C.S.</b>
<b>BTC-1252-14</b>	<b>BOX JAW TONGS 1/4" x 1-1/2" JAW x 14" REINS W/BALLS ON END OF REINS C.S.</b>
<b>BTC-1253-14</b>	<b>BOX JAW TONGS 1/4" x 1-3/4" JAW x 14" REINS W/BALLS ON END OF REINS C.S.</b>
<b>BTC-1254-14</b>	<b>BOX JAW TONGS 1/4" x 2" JAW x 14" REINS W/BALLS ON END OF REINS C.S.</b>
<b>BTC-1283-12</b>	<b>BOX JAW TONGS 5/16" x 1" JAW x 12" REINS W/BALLS ON END OF REINS C.S.</b>
<b>BTC-1311-14</b>	<b>BOX JAW TONGS 5/16" x 1-1/2" JAW x 12" REINS W/BALLS ON END OF REINS C.S.</b>
<b>BTC-1313-14</b>	<b>BOX JAW TONGS 5/16" x 2" JAW x 12" REINS W/BALLS ON END OF REINS C.S.</b>
	
	<b>V- JAW TONGS</b>
Like bolt tongs, these are designed too hold round or square bar, perpendicular or in line with the jaws. They have robust jaws suitable for heavy work.	
<b>BTC-1401-12</b>	<b>V- JAW TONGS 3/16" x 12" REINS W/ BALLS ON END OF REINS C.S.</b>
<b>BTC-1402-12</b>	<b>V- JAW TONGS 1/4" x 12" REINS W/ BALLS ON END OF REINS C.S.</b>
<b>BTC-1403-12</b>	<b>V- JAW TONGS 5/16" x 12" REINS W/ BALLS ON END OF REINS C.S.</b>
<b>BTC-1404-12</b>	<b>V- JAW TONGS 3/8" x 12" REINS W/ BALLS ON END OF REINS C.S.</b>
<b>BTC-1434-14</b>	<b>V-JAW TONGS 1/2" x 14" REINS W/ BALLS ON END OF REINS C.S.</b>
<b>BTC-1435-14</b>	<b>V-JAW TONGS 5/8" x 14" REINS W/ BALLS ON END OF REINS C.S.</b>
<b>BTC-1436-14</b>	<b>V-JAW TONGS 3/4" x 14" REINS W/ BALLS ON END OF REINS C.S.</b>
<b>BTC-1437-14</b>	<b>V-JAW TONGS 7/8" x 14" REINS W/ BALLS ON END OF REINS C.S.</b>
<b>BTC-1438-14</b>	<b>V-JAW TONGS 1" x 14" REINS W/ BALLS ON END OF REINS C.S.</b>

Part Number	DESCRIPTION
	
	<b>PICKUP / ROD HOLDING TONGS</b>
<p>These tongs are suitable to hold rod during upsetting. The v bit on the end of the jaws makes them useful for picking up and manipulating various size stock. They can also be used to hold tools made from 1" stock, such as punches, texturing tools, fullers and so on.</p>	
<b>BTC-1471-14</b>	<b>PICKUP / HOLDING MULTI PURPOSE TONGS 1" ROD HOLDING DIAMETER WITH V-BIT ON JAW, 4" JAW x 14" REINS W/ BALLS ON END OF REINS C.S.</b>
	
	<b>Z &amp; U TYPE BOX JAW TONGS</b>
<p>Z Jaw tongs are unquestionably the best type of tongs for holding flat bar, making them the tong of choice for anyone interested in bladesmithing. They grip the side of the bar and allow the user to pass the stock under the rivet as they work. This is particularly useful when gripping the edges of hoops and bands. U jaw tongs can only hold the end of the bar, but provide a much more solid grip than traditional box</p>	
<b>BTC-1600-Z</b>	<b>1/4" x 3/8" BOX JAW TONGS Z-TYPE 12" REINS W/BALLS ON THE END OF REINS C.S.</b>
<b>BTC-1601-Z</b>	<b>1/4" x 1/2" BOX JAW TONGS Z-TYPE 12" REINS W/BALLS ON THE END OF REINS C.S.</b>
<b>BTC-1602-Z</b>	<b>1/4" x 3/4" BOX JAW TONGS Z-TYPE 12" REINS W/BALLS ON THE END OF REINS C.S.</b>
<b>BTC-1603-Z</b>	<b>1/4" x 1" BOX JAW TONGS Z-TYPE 12" REINS W/BALLS ON THE END OF REINS C.S.</b>
<b>BTC-1604-Z</b>	<b>1/4" x 1-1/4" BOX JAW TONGS Z-TYPE 12" REINS W/BALLS ON THE END OF REINS C.S.</b>
<b>BTC-1605-Z</b>	<b>1/4" x 1-1/2" BOX JAW TONGS Z-TYPE 12" REINS W/BALLS ON THE END OF REINS C.S.</b>
<b>BTC-1606-Z</b>	<b>1/4" x 1-3/4" BOX JAW TONGS Z-TYPE 12" REINS W/BALLS ON THE END OF REINS C.S.</b>
<b>BTC-1607-Z</b>	<b>1/4" x 2" BOX JAW TONGS Z-TYPE 12" REINS W/BALLS ON THE END OF REINS C.S.</b>
<b>BTC-1611-u</b>	<b>3/8" x 1" BOX JAW TONGS U-TYPE 12" REINS W/BALLS ON THE END OF REINS C.S.</b>
<b>BTC-1613-u</b>	<b>3/8" x 1-1/2" BOX JAW TONGS U-TYPE 12" REINS W/BALLS ON THE END OF REINS C.S.</b>
<b>BTC-1619-u</b>	<b>1/2" x 1" BOX JAW TONGS U-TYPE 12" REINS W/BALLS ON THE END OF REINS C.S.</b>
	
	<b>RIVET TONGS</b>
<b>BTC-1151-14</b>	<b>RIVET TONGS 1/4" x 14" REINS W/BALLS ON END OF REINS C.S. (NONE STICK)</b>
<b>BTC-1152-14</b>	<b>RIVET TONGS 3/8" x 14" REINS W/BALLS ON END OF REINS C.S.(NONE STICK COLOR)</b>
<b>BTC-1153-14</b>	<b>RIVET TONGS 1/2" x 14" REINS W/BALLS ON END OF REINS C.S.</b>
<b>BTC-1154-14</b>	<b>RIVET TONGS 3/4" x 14" REINS W/BALLS ON END OF REINS C.S.</b>

Part Number	DESCRIPTION
	<b><u>BLACKSMITH TOOLS AND TOOL HOLDING TONGS</u></b>
	<b>TONG CLIPS, C TYPE, SUIT ALL TONGS INCLUDE BALL HANDLED</b>
These clips will fit just about any style of tongs and provide a firm grip on your stock.	
BTC-1700	32mm TONG CLIP C.S
BTC-1701	35mm TONG CLIP C.S
BTC-1702	40mm TONG CLIP C.S
BTC-1703	45mm TONG CLIP C.S
BTC-1704	50mm TONG CLIP C.S
BTC-1705	58mm TONG CLIP C.S
BTC-1706	60mm TONG CLIP C.S
 	
BTC-1750-12	TOOLS TONG ROUND 3/4" x 12" REINS W/BALLS ON THE END OF REINS C.S.
BTC-1751-12	TOOLS TONG ROUND 7/8" x 12" REINS W/BALLS ON THE END OF REINS C.S.
BTC-1760	1/4" SLUG PUNCH C.S
BTC-1761	3/8" SLUG PUNCH C.S
BTC-1766	3/8" ROUND PUNCH C.S.
BTC-1777	1-1/4" ROUND PUNCH C.S
BTC-1785	3/16" FULLERING PUNCH C.S
BTC-1786	5/16" FULLERING PUNCH C.S
BTC-1787	7/16" FULLERING PUNCH C.S
BTC-1799	CHISEL SPRING STEEL
BTC-1800	LONG ROUND PUNCH SPRING STEEL
BTC-1802	LONG SQUARE PUNCH SPRING STEEL
	<b>HAMMERS</b>
BTC-1851	BALANCE CROSS PEIN HAND HAMMER 1/2 KG C.S WITH WOODEN HANDLE
BTC-1852	BALANCE CROSS PEIN HAND HAMMER 1 KG C.S WITH WOODEN HANDLE
BTC-1853	BALANCE CROSS PEIN HAND HAMMER 1-1/2 KG WITH WOODEN HANDLE
  	
	<b>ANVIL TOOLS</b>
BTC-1860	SWAN NECK C.S
BTC-1870	BLACKSMITH HARDY C.S
BTC-1880	SPLIT CHISEL C.S
BTC-1890	ANVIL HORN CONE D'ENCLUMES C.S
BTC-BF-10	10mm BOTTOM FULLER FOR ANVIL

# Blowers, Hand Cranked



<u>Part Number</u>	<u>Size</u>
AZADB10	110 mm
AZADB14	140 mm
AZADB20	200 mm
AZADB25	250 mm



## Blacksmith Callipers

Ideal for anyone making Damascus, to control width and height of billet while forging



## Knifemakers Tongs

Holds a variety of stock widths, up to 6.35mm thick.



## Nail Headers

Make your own custom made decorative head nails!

1/4" (6mm) BTC-1831

5/16" (8mm) BTC-1832



## Tomahawk Mandrels and Handles

Teardrop Mandrel for shaping the eye (not punching the hole) KMTD

Genuine Hickory Handles, Traditional teardrop shape  
KMTH

Starter Kit 1 x Mandrel 10 x Handles KMTKIT



## Knife Cases



<u>Part Number</u>	<u>Size Knife</u>	<u>Dimensions</u>	<u>Metric Dimensions</u>
KC06	6"/150 mm	7" x 3.5"	175 x 85mm
KC10	10"/250 mm	11" x 3.5"	275 x 85mm
KC12	12"/300 mm	14" x 4.5"	350 x 115mm
KC14	14"/350 mm	17.5" x 4.5"	445 x 115mm

## Marking Blue and Layout Dye



Marking blue or layout dye has a host of applications in knifemaking and general engineering.

By popular demand we stock this product in 100 ml bottles.

<u>Part Number</u>	<u>Size</u>
KMMB-100	100 ml

## Tee Shirts, EAT SLEEP GRIND!



<u>Part Number</u>	<u>Size</u>
WGSL	L
WGSXL	XL
WGSXXL	XXL



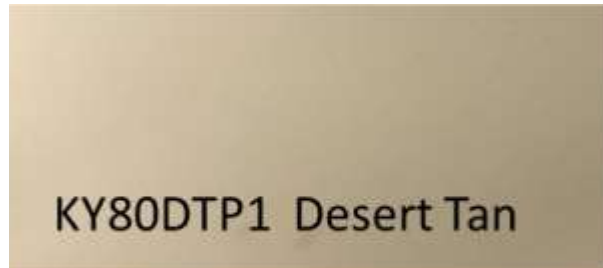
# **\*NEW\* Kydex \*NEW\***

Kydex is a thermoform Plastic. Basically this means that like leather can be moulded when wet, Kydex can be moulded and formed when hot. Kydex is used extensively to manufacture strong, robust and hard working Sheaths and Holsters. It is also used extensively to make belt clips and utility clips to hold items on a belt or back pack, within the armed forces and emergency services.



	<u>Sheet Size</u>
KYB2B Black	KYB2.03-10923 600 x 300 x 2.03 mm 24 x 12 x 0.080"
KY80SGP1 Storm Grey	600 x 300 x 2.03 mm 24 x 12 x 0.080"
KY80DGP1 Dark Grey	600 x 300 x 2.03 mm 24 x 12 x 0.080"
KY80FDEP1 FDE Drab Green	600 x 300 x 2.03 mm 24 x 12 x 0.080"





KY80DTP1 Desert Tan



KYB2C Coyote



KY80CP1 P1 Dark Coyote



KY80AGP1 Army Green



KY80DFP1 Digi Forest



KY80DDP1 Digi Desert

<u>Sheet Size</u>	
<p>600 x 300 x 2.03 mm</p> <p>24 x 12 x 0.080"</p>	
<p>KYB2.03-10926</p> <p>600 x 300 x 2.03 mm</p> <p>24 x 12 x 0.080"</p>	
<p>600 x 300 x 2.03 mm</p> <p>24 x 12 x 0.080"</p>	
<p>600 x 300 x 2.03 mm</p> <p>24 x 12 x 0.080"</p>	
<p>600 x 300 x 2.03 mm</p> <p>24 x 12 x 0.080"</p>	
<p>600 x 300 x 2.03 mm</p> <p>24 x 12 x 0.080"</p>	

	<u>Sheet Size</u>
 <p data-bbox="164 499 440 546">KY80ATAUP1</p>	<p data-bbox="932 347 1251 383">600 x 300 x 2.03 mm</p> <p data-bbox="967 416 1216 452">24 x 12 x 0.080"</p>
 <p data-bbox="164 871 434 918">KY80ATFGP1</p>	<p data-bbox="932 701 1251 736">600 x 300 x 2.03 mm</p> <p data-bbox="967 770 1216 806">24 x 12 x 0.080"</p>
 <p data-bbox="164 1211 552 1258">KY80KNP1 Nomad</p>	<p data-bbox="932 1055 1251 1090">600 x 300 x 2.03 mm</p> <p data-bbox="967 1124 1216 1160">24 x 12 x 0.080"</p>
 <p data-bbox="159 1585 612 1632">KY80KMP1 Mandrake</p>	<p data-bbox="932 1413 1251 1449">600 x 300 x 2.03 mm</p> <p data-bbox="967 1482 1216 1518">24 x 12 x 0.080"</p>
 <p data-bbox="127 1924 624 1971">KY80MP1 Multi Pattern</p>	<p data-bbox="932 1767 1251 1803">600 x 300 x 2.03 mm</p> <p data-bbox="967 1836 1216 1872">24 x 12 x 0.080"</p>



KY80BCF Carbon Fiber

### Sheet Size

It is Kydex, but looks like Carbon Fiber

600 x 300 x 2.03 mm

24 x 12 x 0.080"

### **\*NEW COLOURS\***

Safety Orange 600 x 300mm sheet in 2.03 mm KY80SOP1



Hot Pink 600 x 300mm sheet in 2.03 mm KY80HPP1



## Kydex Hardware and Tools



### Eyelets, Foam and Drill

Part	Description
KY-8-8DBC04	Standard Rolled Flange Eyelet, Black Brass/DBC .246 x .250 x .385"; MT.011
KY-8-9DBC04	Long Rolled Flange Eyelet, Black Brass/DBC .246 x .281 x .385"; MT.011
KY-RS	Eyelet Setter, Professional 1/4"
KY-F125	Kydex Press Foam approx. 13" x 13"
KY-F150	Dense Kydex Press Foam approx. 13" x 13"
KMCB-D-1/4	1/4 Kydex Drill

## Screws, Nuts and Spacers

Part		Description
KY-PTMS-04		8-32 x 1/4" Phillips Truss Machine Screw Steel/Black Oxide
KY-PFHTMS-04		8-32 x 1/4" Phillips Flat Head Truss Machine Screw Steel/Black Oxide
KY-FHSCS-04		8-32 x 1/4" Flat Head Countersunk Socket Cap Screw, Steel/Black Oxide
KY-PFMS-04		8-32 x 1/4" Phillips Flat Head Countersunk Socket Cap Screw, Steel/Black Oxide
KY-BP-04		Binding Post 8-32 x 1/4" Slotted w/ Through Hole Steel/ Black Oxide
KY-TNUT-1/4		T-Nut: Straight Barrel, 1/4" Height: 3 prong 3/16" Height: 1/2" Flange : 8-32 Steel/Zinc Black

## Screws, Nuts and Spacers (cont.)

Part		Description
KY-FW8		#8 Finishing Washer 0.195" ID x 0.531" OD x 0.109" Height. Stainless Steel/Black OXide
KY-SP1		3/16 x 1/2 x 1/8" 60 Duro EPDM/Black Spacer
KY-SP2		3/16 x 1/2 x 3/16" 60 Duro EPDM/Black Spacer
KY-SP3		3/16 x 1/2 x 1/4" 60 Duro EPDM/Black Spacer
KY-SP4		3/16 x 1/2 x 3/8" 60 Duro EPDM/Black Spacer
KY-SP5		3/16 x 1/2 x 1/2" 60 Duro EPDM/Black Spacer
KY-SP6		3/16 x 1/2 x 5/8" 60 Duro EPDM/Black Spacer





**KY-MLS**  
**Molle-Lok**



**KY-TLL**  
**Tek-lok Large**  
**Belt Clip**



**KY-TLS**  
**Tek-lok Small**  
**Belt Clip**

# Digital Height Gauge

Height gauges are a simple and very effective method of marking out your projects

They come in a plastic case with marking accessories.

Zero setting in any position

Metric/Inch System Interchange at any position

Carbide tipped scriber allows you to scribe with the gauge.

Measures height of even very thin jobs.

Robust construction for repeatable and reliable measurement.



<u>Part Number:</u>	<u>Specifications:</u>
KMHG	Moisture Proof 0-300mm (0-12") Resolution: 0.01mm/0.0005" Accuracy: +/- 0.04mm

# Vernier Callipers

Very Similar to much more expensive brands at a fraction of the price!

IP67 Moisture and Dust Proof.



<u>Part Number:</u>	<u>Specifications:</u>
KMVC	0-150mm(0-6") Resolution:0.01mm/0.0005" Accuracy:±0.03mm



# Kant Twist Clamps

Proudly made in the USA, Kant Twist clamps are widely used in the knifemaking, Welding and metal fabrication industries. The copper threads resist weld splatter and the rotating jaws solidly hold a wide variety of oddly shaped or angled materials. Once you try Kant Twist clamps you will immediately see the benefits.



<u>Part Number</u>	<u>Size</u>	<u>Handle</u>
CMC396	3/4" / 20mm	Round
CMC401	1" / 25mm	Tee
CMC401-1	1" / 25mm	Round
CMC403-1	1 1/2" / 40mm	Round
CMC405	2" / 50mm	Tee
CMC405-1	2" / 50mm	Round
CMC410	3" / 75mm	Tee
CMC420	6" / 150 mm	Tee

## Deep Throat Clamps

Deep throat clamps allow for a deeper grab on clamped objects



<u>Part Number</u>	<u>Size</u>	<u>Handle</u>
CMC407	2 1/2" / 65mm	Tee
CMC415	4 1/2" / 115mm	Tee

## No-Mar Clamps

No Mar clamps are designed with your delicate materials in mind. The soft padded jaws are designed to minimize any chance of damage when gluing delicate handle materials.



<u>Part Number</u>	<u>Size</u>	<u>Jaw</u>
CMC401-4	1" / 25mm	Foam
CMC405-4	2" / 50mm	No-Mar
CMC410-8	3" / 75mm	Polyurethane

## CMC421-1 Three Jaw Clamp



Perfect for holding oddly shaped and irregular objects., that would “pop” out of any other clamp. A must in any fabrication workshop!

## Hold Down Drill Press and Work Table Clamps



<u>Part Number</u>	<u>Size</u>	<u>Base</u>
CMC411	3F	Standard
CMC411-2	3FT	Bolt and base
CMC423	6F	Standard

## Weaver Grips, Comfort Handles



<u>Part Number</u>	<u>Size</u>	<u>Suits</u>
CMC1-WG	A	
CMC2-WG	B	
CMC3-WG	C	

# Sheath Making Consumables

## Shoulder Leather 6/7oz



<u>Part Number</u>	<u>Size</u>
TL-LS	200mm x 250mm
TL-LL	300mm x 600mm
TL99606-02	Full Shoulder

## Thread



<u>Part Number</u>	<u>Description</u>
TL11210-01	Black Waxed Braided Cord 25 Yds
TL11210-02	Brown Waxed Braided Cord 25 Yds
TL11210-05	White Waxed Braided Cord 25 Yds

## TL88045-04 Stitching Chisel

This tool is used to punch nice even spaced stitching hole, diagonally shaped.



## Line 24 Snap Sets



<u>Part Number</u>	<u>Description</u>
TL1263-11x10	10 pack , <b>Brass</b> plt, Line 24 Snap sets 5/16" Post
TL1263-12x10	10 pack , <b>Nickel</b> plt, Line 24 Snap sets 5/16" Post
TL1263-13x10	10 pack , <b>Black</b> , Line 24 Snap sets 5/16" Post

## Button Studs



<u>Part Number</u>	<u>Description</u>
TL11310-53	<b>Brass</b> Button Stud Screw back , small

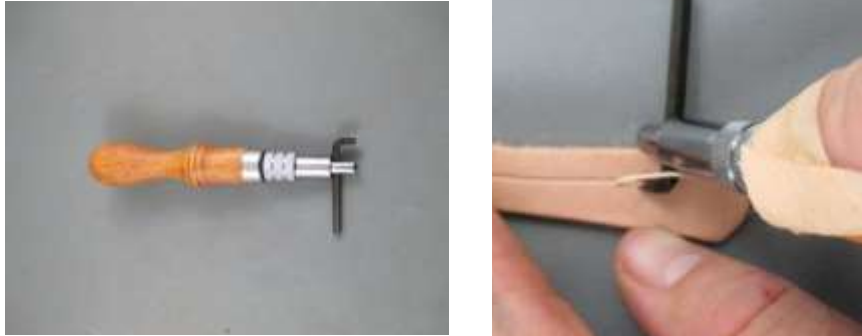
## Dyes and Conditioners



<u>Part Number</u>	<u>Description</u>
TL2110-01	Flebing's Black Oil Dye 118ml
TL2110-03	Flebing's Light Brown Oil Dye 118ml
TL2110-02	Flebing's Dark Brown Oil Dye 118ml
TL2199-00	Aussie Leather Conditioner 15oz

# Leatherwork Tools

## TL8069-00 Stitch Groover



This tool is used to make grooves to recess stitching . It is also used for decorative grooving

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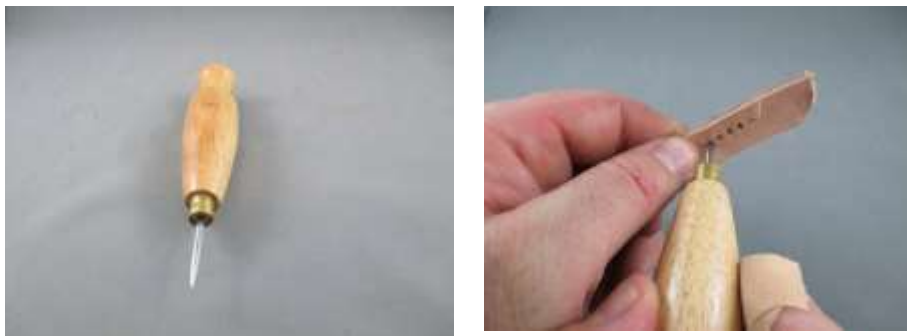
## TL3607-00 Wing Divider



This tool is used to mark nice even spaced stitching and plan out stamping. It can also be used to mark the centre of a blade and mark out blades in general, a knifemakers must have

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## TL31218-01 Stitching Awl



This tool is used to punch diamond shaped holes for stitching leather

## **TL3240-00 Rotary hole Punch**



This tool punches a wide range of holes for lacing, and fitting snaps

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## **TL8121-00 Wood Slicker**



This tool is used to slick the edges of your leather to give it that finished look

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## **TL8077-03 Edge Beveller**



This tool is used to neatly and evenly finish the edges of the leather.



## TL1192-10x1 Leatherwork Needle



## TL3301-04 Poly Mallet



Suitable for use with leatherwork tools

## TL3101-00 Mini Anvil



Not so useful probably, looks cool though!

## Snap Setting Tools



<u>Part Number</u>	<u>Description</u>
TL8056-00	Line 24 Snap Rivet Anvil
TL8058-00	Line 24 Snap Rivet Setter

These are used to rivet Line 24 snaps in place.



## Leather Carving starter set with swivel knife and Punches. TL8170-00

# Other Places of Interest

Interested in Blacksmithing and/or Knifemaking in Australia? Following are some suggestions of places where you can find more information:

## Products

**Anyang Australia:** Power Hammers, Cone Mandrels and Swage blocks knifemaking, Blacksmithing and other metal working Books and DVDs. [www.anyangaustralia.com.au](http://www.anyangaustralia.com.au)

**Blacksmith Anvils and Post Vices:** Waterside Metal Art import high quality Anvils and post vices at very competitive prices. [watersidemetalart.org](http://watersidemetalart.org)

## Services

### NSW

#### **Sydney**

##### **Keith Fludder**

Knife Making Courses.  
[www.knifemaker.com.au](http://www.knifemaker.com.au)

#### **North Coast**

##### **Ironlord Forge**

Knifemaking and Blacksmithing Courses.  
[www.ironlordforge.com](http://www.ironlordforge.com)

#### **South Coast**

##### **Mother Mountain Forge**

Knifemaking Courses  
<http://www.mothermountainforge.com/>

#### **Central West**

##### **Kilmarnock Forge**

Blacksmithing and Knifemaking courses  
<http://www.kilmarnockforge.com.au/>

### ACT

**Tharwa Valley Forge** Knife Making Courses.  
[www.tharwavalleyforge.com](http://www.tharwavalleyforge.com)

### VIC

**Parker Knives** Knife Making Courses  
[parkerknives@hotmail.com](mailto:parkerknives@hotmail.com)

**Waterside Metal Art** Blacksmith Courses.  
[watersidemetalart.org](http://watersidemetalart.org)

### SA

**Gardner Knives** Knife making Courses.  
<http://www.gardnerknives.com/>

### WA

**Tufnell Custom Knives** Knife Making Courses  
<http://www.tufnellcustomknives.com/>

## Forums

**Australian Blade Forums:** [www.australianbladeforums.com](http://www.australianbladeforums.com)

### **Facebook:**

Australian Blacksmiths, Bladesmiths and Knifemakers Network

**BushcraftOz:** [bushcraftoz.com](http://bushcraftoz.com)

## Clubs, Guilds and Associations

**The Australian Knifemakers Guild:** [www.akg.org.au](http://www.akg.org.au)

**The Artist Blacksmiths Association of NSW:** <http://www.artistblacksmithnsw.com>

**Artist Blacksmith Association South Australia:**  
[www.artistblacksmithsa.org.au](http://www.artistblacksmithsa.org.au)

**Artist Blacksmith Association (vic) Inc. :** [www.abavic.org.au](http://www.abavic.org.au)

## Shows and Events

**Sydney International Knife Show:** [www.cutlensexpo.com.au](http://www.cutlensexpo.com.au)

**Melbourne Australian Knifemakers Guild Show:**  
[www.akg.org.au](http://www.akg.org.au)

**Adelaide Knife Show**

**Ironfest:** <http://www.ironfest.net/>

**Canberra Knife Show**

**South Coast Knife Show**

**Mannum Blacksmith Festival**

**Waterside Blacksmithing and Metal Art Festival**

## GAMECO PTY LTD

ABN 93 001 367 862

### GENERAL TERMS & CONDITIONS OF SALE

These General Terms & Conditions of Sale (**terms**) govern the supply of all Goods by us or any of our related bodies corporate.

**Australian Consumer Law.** These terms do not exclude, restrict or modify:

- (a) the application of any provision of the Australian Consumer Law;
- (b) the exercise of any right or remedy conferred by the Australian Consumer Law; or
- (c) our liability for a failure to comply with any applicable consumer guarantees

where to do so would:

- (d) contravene the Australian Consumer Law; or
- (e) cause any part of these terms to be void.

**Limitation of Liability and Indemnity.** Subject to clause 1 and to the extent permitted by law:

- (a) our maximum liability to the Customer for failure to comply with any applicable consumer guarantee in respect of the supply of Goods that are not of a kind ordinarily acquired for personal, domestic or household use or consumption, is limited at our option and sole discretion to:
  - (A) in the case of Goods to any one or more of the following:-
    - (i) the replacement of the Goods or the supply of equivalent goods;
    - (ii) the repair of Goods;
    - (iii) the payment of the cost of replacing the Goods or acquiring equivalent goods; or
    - (iv) the payment of the cost of having the Goods repaired; or
  - (B) in the case of services to:-
    - the supplying of the services again; or
    - the payment of the cost of having the services supplied again;
- (b) we do not accept any responsibility to replace the Goods at the price, or according to the terms originally quoted, or at all, in the event of loss, damage or seizure of the Goods once risk in those Goods has passed to the Customer;
- (c) the Customer warrants that it has not relied on any representation made by us, or any person on our behalf, in relation to the Goods, which has not been expressly recorded in these terms;
- (d) all representations, conditions, warranties or terms, that would otherwise be implied in these terms by general law, statute or custom are expressly excluded;
- (e) the Customer acknowledges that we will not be liable to the Customer, or any of the Customer's own customers, in respect of any direct, indirect, special or consequential damages, loss of opportunity, loss of anticipated profits or other economic loss in connection with or arising out of:
  - (A) the existence, functioning or the Customer's use of the Goods provided by us;
  - (B) any inability, failure or delay on our part to supply or deliver arising out of events beyond our control, including without limitation in whole or part a strike, industrial dispute, lock-out, accident, fire, absence or delay in transportation, embargo, Act of God, government requirement, or shortage of materials or labor;
- (f) the Customer agrees to indemnify us and our officers, employees, agents and related bodies corporate, against all actions, claims, proceedings, demands, liabilities, losses, damages, expenses and costs (including legal costs on a full indemnity basis) howsoever arising (including in respect of death or personal injury) that may be brought against us or which we may pay, sustain or incur as a direct or indirect result of any one or more of the following:
  - (A) any breach or non-performance of these terms by the Customer, including any breach of a warranty;
  - (B) failure to comply with the Product Warning;
  - (C) any wrongful, willful or negligent act or omission of the Customer or any of its employees, agents or contractors;
  - (D) the storage, handling or use of any of the Goods sold under or in connection with these terms, except to the extent that the relevant action, claim, proceeding, demand, liability, loss, damage, expense or cost was caused by the wrongful, willful or negligent act or omission of ours or any of our employees, agents or contractors.

**Customer Acknowledgement.** The Customer acknowledges that prior to submitting an order, it has read the Product Warning and agrees to comply with all aspects of the Product Warning.

**Quotes Subject to Confirmation.** Any quotation or estimate is subject to our confirmation on receipt of an order and any agreement or statement by us is contingent on our ability to secure the Goods and/or the materials for the manufacture of the Goods referred to in the order.

**Inability to Supply.** Subject to clauses 1 and 2, if we discover that we are unable to supply the Goods in accordance with any accepted order, we shall be entitled at our option to either give notice to the Customer in writing to terminate the agreement to supply and return to the Customer any monies paid by the Customer or to extend the time for performance of the agreement.

**Time an Estimate Only.** In the case of Goods not expressed to be offered from stock, the time of delivery is an estimate only of when Goods may be available for delivery and is based either upon estimated time necessary to obtain the Goods from manufacturers and/ or suppliers or, the estimated time necessary to obtain the requisite raw materials or component parts for manufacturing or assembling the Goods offered and we do not accept any responsibility for failure to deliver within the time stated. The Customer acknowledges that our failure to deliver the Goods strictly in accordance with the agreement shall not entitle the Customer to treat the contract as repudiated.

**Claims.** The Customer must inspect all Goods on delivery under clause 13 and notify us within 7 days of delivery of any short supply, fault, damage, customer complaints or other issues arising in relation to the Goods. The Customer must comply with all of our reasonable directions in relation to issues that arise under this clause 7 and not, without our prior written consent, admit liability on behalf of us regarding any complaint or claim, or attempt to resolve or settle any complaint or claim, made by a customer in relation to any Goods. Subject to clause 1, if the Customer fails to give notice to us in accordance with this clause, the Goods are deemed to be in all respects in accordance with the order and the Customer is bound to accept and pay for the same without set-off.

**Price Subject to Adjustment.** Prices quoted are subject to withdrawal or revision at any time before the order for the Goods covered by such quotation is accepted by us. Prices quoted are based on manufacturers and/or suppliers present prices to us, and also in the case of Goods to be imported from overseas or procured from elsewhere in the Commonwealth on the prevailing Customs Tariff (classifications, rates and bases of computation) rates of exchange, freights, insurance premiums, shipping expenses, wharfage, stacking charges, customs agency and attendance and cartage and in the event of any increase in any such prices or rates either before or after the acceptance of an order, an amount commensurate with the increased cost thereby incurred by us shall be added to and form part of the purchase price and be payable by the Customer accordingly. The rate of exchange to be included in the purchase price for any of the Goods will be the rate actually paid by us when making settlement with the overseas supplier or buying agent. The foregoing shall not apply to Goods that are the subject of price lists and orders accepted by us for Goods the subject of price lists will be invoiced at prices ruling at the date of order.

**Taxes and Imposts.** Prices quoted are subject to sales tax (if applicable) and to any tax imposed by government authority upon the Goods quoted or upon the production, sale, distribution, delivery, or upon any feature thereof. All such taxes shall be payable by the Customer and may also be added to and treated as part of the purchase price by us.

**Goods and Services Tax (GST).**

In this clause 10 the expressions **Consideration, Input Tax Credit, Recipient, Supply, Tax Invoice** and **Taxable Supply** have the meanings given to those expressions in the GST Act and **Supplier** means any party treated by the GST Act as making a Supply under these terms.

Unless otherwise expressly stated, all prices or other sums payable or Consideration to be provided under or in accordance with these terms are exclusive of GST.

If GST is imposed on any Supply made under or in accordance with these terms, the GST will be shown separately in the Tax Invoice for the sale of the Goods and the amount of GST payable in respect of the Taxable Supply will be payable by the Customer. The Customer must indemnify us in respect of GST paid and payable by us for the supply of the Goods.

Payment of the additional amount representing the GST component must be made at the same time and in the same way as payment for the Taxable Supply is required to be made in accordance with these terms.

**Extraneous Information/ Inaccuracies.** Subject to clause 1, all illustrations, drawings, catalogues, advertisements etc. shall be regarded as information only and shall not form part of any agreement governed by these terms. All specified weights measurements, powers, capacities and other particular goods offered are stated in good faith but inaccuracies shall not vitiate any agreement or, except to the extent provided by non-excludable statutory right be made the basis of any claim against us or justify rejection of the Goods.

**No Liability for Infringement.** In the case of Goods manufactured in accordance with the design and/ or specification of the Customer, the Customer guarantees that in manufacturing such Goods to the Customer's design/ or specifications we will not be infringing any letters patent, trade marks or corresponding protection granted by the Commonwealth of Australia or by any other country, and the Customer further agrees to indemnify and hereby hold us indemnified against all costs, claims, demands, suits, actions or other liability arising out of any such infringement.

**Delivery.**

Delivery may be made in one or more parcels and at different times and by separate shipments or deliveries. Each shall form a separate contract on delivery and be accepted and paid for accordingly not withstanding late delivery or non-delivery of any other parcel.

The Customer agrees to accept delivery at our factory unless otherwise agreed in writing and in the event that no provision is made as to freight, the Customer acknowledges that the cost of delivery shall be borne by Customer.

Our responsibility (if any) for loss caused by fire, theft, or injury shall cease once risk in the Goods has passed to the Customer.

The times quoted for delivery are estimates only and we accept no liability for failure or delay in delivery of Goods. The Customer is not relieved of any obligation to accept or pay for Goods by reason of any delay in delivery. Goods may be delivered by installments at our discretion.

All additional charges are payable by the Customer in addition to the purchase price of the Goods.

Subject to clause 1, return of Goods will not be accepted by us except if we agree to it beforehand in writing, and Goods returned will be subject to a restocking charge of 10% of the purchase price of those Goods.

**Supply of Goods.**

An order, once submitted, is irrevocable and may only be cancelled with our written consent. If we agree to cancel an order, the Customer must pay for all work done and materials ordered in connection with such order prior to the date of cancellation, together with a cancellation fee advised by us in writing equal to the costs reasonably incurred by us in connection with such a cancellation.

We are not bound by an order unless and until we accept the order, either by providing written confirmation to the Customer, confirming acceptance of the order, or by commencing performance of the order.

To the fullest extent permitted by law, we are not obliged to accept any order.

Once we accept an order, the parties must comply with that order in accordance with these terms, which cannot be modified or varied without our written consent.

If there is any inconsistency between the terms set out in an order and these terms, these terms prevail to the extent of the inconsistency.

**Terms of Payment.**

- 15.1 Terms of payment are prompt nett cash on delivery or dispatch unless otherwise agreed in writing.
- 15.2 All payments should be paid in cash at our office at 161 Parramatta Road, Auburn, NSW, Australia or such other place as we may advise the Customer from time to time.
- 15.3 The Customer acknowledges that it shall not be entitled to withhold payment of the purchase price or any part of the purchase price or make any deduction from the purchase price in respect of any alleged set off or counter-claim.
- 15.5 Where we agree to terms other than cash on delivery or dispatch, all payments are due within 30 days of the date of invoice. Interest is charged at the rate of 1.5% per month or part of a month from the expiry of that period until the date we receive payment.

**Default and termination.** If the Customer defaults in making any payment in accordance with our terms of payment referred to in Clause 15, or refuses to accept delivery of any Goods in accordance with these terms, or if the Customer:

- stops payment on any cheque payable to us or our suppliers;
- is in default under any agreement governed by these terms;
- being a natural person is declared bankrupt or enters into a composition with its creditors pursuant to Part 5 of the Bankruptcy Act or has a judgment entered against him in any court of competent jurisdiction which judgment is not satisfied within fourteen days; or
- being a corporation is placed under official management or enters into any arrangement with its creditors or others (except for the purpose of reconstruction or amalgamation), has receivers or receivers and managers appointed to any of its assets, hands a petition presented against it for its winding up or an effective resolution for its winding up is passed,

or if there is any event similar or analogous to any of the above, we may without prejudice to any other rights we have against the Customer, at our election, terminate any agreement governed by these terms in which case our obligations to the Customer shall cease at the date of such termination and/or withhold supply of any Goods.

**Entire Agreement.** The parties agree that any accepted order and these terms (including any applicable price list and/or terms and conditions contained in a Customer's Application for Credit) constitute the entire agreement between the parties and upon our acceptance of the Customer's order any other terms and conditions whether notified to us by the Customer or otherwise are expressly negated.

#### **Title and Risk.**

- 18.1 The Goods will remain our sole and absolute property (as legal and equitable owner) and the Customer shall hold the same as bailee until such time as the Customer has paid us the purchase price together with any other amounts at the time of such payment owing to us in respect of the Goods by the Customer provided that the Customer shall be able to pass title in the Goods to third parties in the ordinary course of business and for valuable consideration and the Customer acknowledges that it shall be liable to us in respect of any loss or damage to the Goods incurred during such bailment.
- 18.2 Notwithstanding anything contained in clause 18.1 if the Customer fails to pay us for the Goods in accordance with these terms, we shall be entitled to repossess the Goods at any time and in the event that the Goods have been sold to a third party, we shall be the owner of the proceeds of such sale and the Customer agrees to open a separate bank account in the name of Gameco Pty Ltd, or as directed by us and pay such proceeds of sale into that account.
- 18.3 The Goods are at the Customer's risk upon the occurrence of the first in time of the following events:-
  - (a) physical passing of the property and the Goods to the Customer, or
  - (b) the delivery of the Goods to the Customer.
- 18.4 Unless otherwise set out in these terms, defined terms in this clause 18.4 have the meaning given in the PPS Law.
  - (a) If in our opinion:
    - (i) these terms contains or any of the transactions contemplated by these terms is, a Security Interest for the purposes of the PPS Act; or
    - (ii) the PPS Law does or could adversely affect our rights or obligations under or in connection with any agreement governed by these terms or any of the transactions contemplated by them ("Transactions"),
 then we may give notice to the Customer requiring it to do anything (including amending any part of these terms or executing any new document or agreement) that we require or consider necessary to ensure that our rights and obligations are not adversely affected, including:
    - (iii) ensuring that any Security Interest is enforceable, perfected and otherwise effective;
    - (iv) registering, or giving any notification in connection with, any Security Interest in order to confer the priority we require; or
    - (v) exercising rights in connection with the Security Interest.
  - (b) The Customer must comply with any notice received pursuant to clause 18.4(a) within the time stipulated in the notice.
  - (c) If:
    - (i) clause 18.4(a) applies; and
    - (ii) we determine that (after doing all things reasonably practicable under clause 18.4(a) to avoid or overcome the adverse effect referred to in clause 18.4(a)) that our rights or obligations under or in connection with these terms or any other document in connection with the Transactions have been or will be materially adversely affected,
 we may give notice to the Customer cancelling any agreement or any other document in connection with the Transactions and requiring full repayment of all outstanding monies in full within 30 days after the date of notification.
  - (d) The Customer agrees to pay or reimburse our costs in connection with anything the Customer is required to do under this clause 18.4.

#### **18.5 Contracting out**

- (a) The following provisions of the PPS Law do not apply and, for the purposes of section 115 are "contracted out" of these terms, namely sections 95, 96, 121(4), 125, 130, 132(3)(d), 132(4), 135, 142 and 143.
- (b) The parties agree that the Gameco has the power to retain, deal with or dispose of any property seized by it in the manner specified in sections 123, 125, 126, 128, 129 and 134(1) and in any other manner it deems fit.

#### **Confidentiality**

- 19.1 **Obligations of Confidentiality**  
 Each party (**Receiving Party**) receiving, possessing or otherwise acquiring Confidential Information of any other party (**Disclosing Party**) acknowledges that the Disclosing Party's Confidential Information is the property of and confidential to or a trade secret of the Disclosing Party. Subject to clause 19.2, the Receiving Party must:
  - (a) keep the Disclosing Party's Confidential Information confidential and not directly or indirectly disclose, divulge or communicate that Confidential Information to, or otherwise place that Confidential Information at the disposal of, any other person without the prior written approval of the Disclosing Party;
  - (b) take all reasonable steps to secure and keep secure all Disclosing Party's Confidential Information coming into its possession or control; and
  - (c) not deliberately memorise, use, modify, reverse engineer or make copies, notes or records of the Disclosing Party's Confidential Information for any purpose other than in connection with the performance by the Receiving Party of its obligations under these terms.

#### **19.2 Exceptions**

The obligations of confidentiality under clause 19.1 do not apply to any information that:

- (a) is generally available to the public (other than by reason of a breach of these terms); or
- (b) is required to be disclosed by any applicable law.

**Insurance.** The Customer agrees that it shall insure and keep insured the Goods [against theft, damage and destruction \(and if the Customer fails to insure the Goods, we may do so and the Customer must reimburse us for the cost of insurance\)](#) from the date of passing of risk to the Customer until the date of payment.

**Storage.** Until title in the Goods passes to the Customer under clause 18, the Customer shall store the Goods separately from the Customer's own goods and those of third parties so that they are clearly identifiable as our property.

**Notices.**

- 21.1 A party shall give notice required by these terms in the English language and in writing.
- 21.2 A party may address a notice to the other party at its address set out in the order and may serve the notice at this address.
- 21.3 A party may deliver the notice by hand or post or by telex or facsimile transmission.
- 21.4 If, before 4.00pm local time in the place of delivery, a party delivers a notice-
  - (1) By hand:
  - (2) By facsimile and the sending party completes the transmission, the notice will be taken as given on the day of delivery or transmission, and in any other case, on the next day.
- 21.5 If a party gives the notice by post the notice will be taken as given on the second business day in the place of delivery after the notice is posted.
- 21.6 If a party gives notice by telex or facsimile transmission and the transmission is not fully intelligible, or if the sending party, at the time of transmission, has reason to believe that the facsimile transmission is not fully intelligible, the party may not rely upon this clause to prove giving of notice.
- 21.7 The receiving party shall not object to a telex or facsimile transmission as not being fully intelligible unless the receiving party requests re-transmission within 2 hours.
- 21.8 If a telex or facsimile is completed within 2 hours of 5.00 pm on a day and is unintelligible, the receiving party has until 10.00 am the next business day to request re-transmission.
- 21.9 The party giving the notice or its agent authorized in writing or its solicitors shall sign the notice. The appearance of the name of the person signing at the end of a telex or facsimile transmission is sufficient evidence of signing.
- 21.10 The parties may give notice of another address, telex or facsimile number (within Australia) to the other party and the new address shall be the address for service of the party for the purpose of this clause 22.

**Applicable Law.** Any agreement governed by these terms is to be construed in accordance with the laws applicable from time to time in the State of New South Wales and the Commonwealth of Australia. The parties submit to the non-exclusive jurisdiction of the courts of New South Wales and that any proceedings commenced by either party in respect of these terms may only be commenced outside New South Wales with our expressed written consent.

**Severance.** The invalidity or unenforceability for any reason of any part of these terms shall not prejudice or affect the validity or enforceability of the remainder of these terms. Any provisions found to be void, unenforceable or illegal may, to that extent, be severed from these terms.

**General.**

- 24.1 Except as expressly stated otherwise in these terms, these terms may only be varied by agreement in writing between the parties.
- 24.2 A failure, delay, relaxation or indulgence by us in exercising any power or right conferred on us does not operate as a waiver of the power or right. A waiver of a breach does not operate as a waiver of any other breach.
- 24.3 A party cannot assign or otherwise transfer the benefit of any agreement governed by these terms without the prior written consent of the other parties (such consent not to be unreasonably withheld).

**Definitions.** In these terms:

**Applicant or Customer** means the person described as the "Applicant" in the Customer's Application for Credit (if applicable);

**Australian Consumer Law** means the law reproduced in Schedule 2 of the *Competition and Consumer Act 2010 (Cth)* (whether applied as a law of the Commonwealth or any State or Territory of Australia) or other equivalent State or Territory Legislation, as amended, consolidated, or replaced from time to time;

**Confidential Information** means these terms and all information belonging or relating to a party to these terms, whether oral, graphic, electronic, written or in any other form, that is:

- (a) or should reasonably be regarded as, confidential to the party to whom it belongs or relates; or
  - (b) not generally available to the public at the time of disclosure other than by reason of a breach of these terms,
- and includes information of the kind mentioned in section 275(1) of the PPS Law.

**Goods** means the products manufactured or supplied by or at the request of us or any of our related bodies corporate;

**PPS Law** means the *Personal Property Securities Act 2009 (Cth)* (including any amendments to that Act) ("**PPS Act**") and any amendment made at any time to any other law as a consequence of the PPS Act;

**Product Warning** means the product warning that relates to the Goods, including that which may be displayed on the product packaging, the product, in store, in catalogues, on warning labels attached or supplied with the product, on invoices, and /or found at: [gameco.com.au](http://gameco.com.au)

**Purchase Order** means an order for Goods that complies with the form specified by us from time to time, whether written, verbal or otherwise;

**Us, we, our** means Gameco Pty Ltd ABN 93 001 367 862.

**3 April 2014**