

ΥΛΙΚΑ ΚΑΤΑΣΚΕΥΗΣ ΜΑΧΑΙΡΙΩΝ

Blades for Japanese Kitchen Knives

Ready-to-use blade blanks and blades, made of multi-layered steel that have been hardened. The tang is soft annealed. The blades are not rustproof. Supplied with processing instructions.

G TADAFUSA NASHIJI BLADE BLANKS

The forged skin with hammered structure gives the triple-layered blade blank an original and rustic appearance. The core cutting layer of Blue Paper Steel is sharpened and polished ready-to-use, the outer layers are made of rustproof steel, which makes it easier to care for. Non-rustproof, double-bevelled cutting edge. Hardness 63 HRC.



1 Santoku
Blade length 165 mm
Blade thickness 2 mm
Overall length 240 mm
No. 721060



3 Usuba
Blade length 150 mm
Blade thickness 2.2 mm
Overall length 230 mm
No. 721061

Blades for Japanese Hunting and Outdoor Knives



B DAMASCUS BLADE SWEEP-POINT, 14 LAYERS

Forged blade for building a hunting or outdoor knife. The central cutting layer with its superbly durable cutting edge is made of Blue Paper Steel. 14 side layers of Suminagashi steel create an entirely unique look.

Hardened to 62 HRC, not rustproof. Pre-sharpened and polished ready-to-use.
Blade length 115 mm
Blade thickness 4.8 mm
Overall length 175 mm
No. 719647



E RUSTIC BLADE, 3 LAYERS

The blade is well suited to make a knife as every day companion, a neck knife or a little hunter for the smaller tasks in the forest. Triple-layered blade with a cutting layer of White Paper Steel. The rough forged surface of the upper part of the blade provides an attractive contrast to

the fine polished cutting layer. Hardness 61 HRC. Not rustproof. Pre-sharpened and polished ready-to-use.
Blade length 80 mm
Blade thickness 3 mm
Overall length 135 mm
No. 709292

Traditional Damascus Blades and Blanks

These beautifully structured Damascus blades with 192 layers are made in the Indus Valley. In order to achieve a high cutting performance, low alloy carbon steel 1095 is forged with nickel steel 15N20. All blades are already etched and hardened to 60 HRC. The edges are not completely sharpened. All you have to do to finish your knife is sharpen the edge, attach the handle scales and maybe bolsters to the tang. These blanks are handmade, they may vary slightly in form and size. Not rustproof.



A ROUND STICK TANG BLADE BLANK WITH BOLSTERS

Drop-forged blade blank for a Bavarian style hunter with a round stick tang. Largely finished. Random Damascus. Blade thickness 3-4 mm

Overall length 145-215 mm
Blade length
70 mm No. 719832
90 mm No. 719833
100 mm No. 719425
110 mm No. 719426



H KNIFE MAKING SET »PULCHER«

Price advantage

Construction kit for a small, relatively easy-to-make hunting knife. This kit contains a full tang blade of extraordinary design made of 192 layers of Damascus steel. The blank is etched, hardened to 60 HRC and only has to be sharpened. The handle scales are made of the burl wood of the French tree heath (briar wood) and only have to be shaped. The brass sheet has to be separated and glued between the blade and the handle scales. The brass rod acts as an additional connection to the handle. For glueing the handle materials, epoxy adhesive (e.g. No. 450379) is recommended.

Scope of delivery:

- Full tang blade blank, Damascus Firestorm (No. 719637)
- Briar wood handle scales (No. 831259)
- Brass sheet, 200 x 50 x 0.5 mm (No. 719823)
- Brass rod, round, Ø 2 mm (No. 719804)

Blade length 60 mm
Blade thickness 3.5 mm
Overall length 150 mm
No. 709756





Mosaic pins

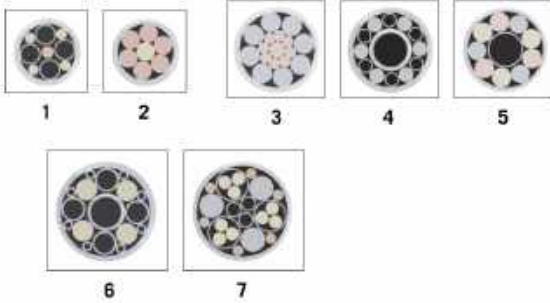
Give your knife handle scales a touch of class with these fetching mosaic pins. The rosette-shaped pattern is composed of fine brass, copper and stainless steel wires cased in a high-strength brass tube. Also suitable for embedding in jewellery and decorative art.



B MOSAIC PINS, STAINLESS STEEL

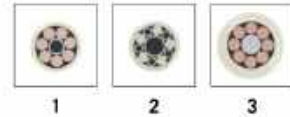
Length 100 mm.

- 1 6.4 mm No. 830890
- 2 6.4 mm No. 830891
- 3 8.0 mm No. 830892
- 4 8.0 mm No. 830893
- 5 8.0 mm No. 830894
- 6 9.5 mm No. 830895
- 7 9.5 mm No. 830896



A MOSAIC PINS, BRASS

- Length 100 mm.
- 1 4.8 mm No. 830880
 - 2 4.8 mm No. 830881
 - 3 6.4 mm No. 830882



C MOSAIC PINS, COPPER

- Length 100 mm.
- 1 4.8 mm No. 830910
 - 2 6.4 mm No. 830911
 - 3 6.4 mm No. 830912



D BRASS RIVETS

For the widest variety of materials, in particular to assemble handle scales, join thin components made of wood, metal, plastic, leather, or for decorative purposes.



If necessary, the rivets can be cropped, and the heads can be rounded off. They are driven with a hammer (or with a dimpling punch, if necessary). 1 pack = 50 capsules and 50 bolts.

- Shaft diameter 4 mm
 Ø Head MT*
 6 mm 11 mm No. 830150
 6 mm 15 mm No. 830151
 8.5 mm 25 mm No. 830152

* maximum thickness of the materials which are to be joined together

Rods

To be used as rivets to fix handle scales to the blade blank or also for decoration purposes.



E BRASS RODS, ROUND

- Length 200 mm.
- 2 mm No. 719804
 - 3 mm No. 719805
 - 4 mm No. 719806
 - 6 mm No. 719807



F STAINLESS STEEL RODS, ROUND

- Length 200 mm.
- 2 mm No. 719800
 - 3 mm No. 719801
 - 4 mm No. 719802
 - 6 mm No. 719803



G NICKEL SILVER RODS, ROUND

- Length 200 mm.
- 2 mm No. 719808
 - 3 mm No. 719809
 - 4 mm No. 719810
 - 6 mm No. 719811

Tubings

To be used for a thong hole in your knife handle or for making mosaic pins. The inner diameter is 1 mm less than the indicated outer diameter.



H BRASS TUBINGS

- Length 200 mm.
- 4 mm No. 719815
 - 6 mm No. 719816
 - 8 mm No. 719817



I STAINLESS STEEL TUBINGS

- Length 200 mm.
- 4 mm No. 719812
 - 6 mm No. 719813
 - 8 mm No. 719814

Sheets

For universal application in knife making, e.g. spacers, handle head plates, decoration.



A STAINLESS STEEL SHEETS

- 200 x 50 x 0.5 mm No. 719828
- 200 x 50 x 1 mm No. 719829
- 200 x 50 x 2 mm No. 719830
- 200 x 50 x 3 mm No. 719831
- 200 x 50 x 12 mm No. 719837



B BRASS SHEETS

- 200 x 50 x 0.5 mm No. 719823
- 200 x 50 x 1 mm No. 719824
- 200 x 50 x 2 mm No. 719825
- 200 x 50 x 3 mm No. 719826
- 200 x 50 x 5 mm No. 719827
- 200 x 50 x 12 mm No. 719838



C NICKEL SILVER SHEETS

- 200 x 50 x 0.5 mm No. 719818
- 200 x 50 x 1 mm No. 719819
- 200 x 50 x 2 mm No. 719820
- 200 x 50 x 3 mm No. 719821
- 200 x 50 x 5 mm No. 719822

D BRASS BOLSTERS

Bolster for the transition between handle and blade. 30 x 20 x 2.6 mm
 For blade thickness Slot size:
 2.5 mm 15 x 2.5 mm
 3.2 mm 15 x 3.2 mm
 No. 709069
 No. 709101



22 x 15 x 3 mm
 For blade thickness Slot size:
 3 mm 13 x 3 mm
 No. 830924

E BRASS BOLSTER, WITH FINGER GUARD
 Bolster for the transition between handle and blade. 35 x 18 x 3 mm
 Slot size 17 x 3.2 mm
 No. 709609



METAMA

Damasteel®

At the beginning of the nineties, the company Erasteels formed a powder metallurgy steel division in Sweden which was later called Damasteel AB. Powder metallurgy technology had already been in use for over twenty years at this point. But even though the steel quality was greatly improved compared to standard production methods and alloys became possible that could not be produced before, it took time to become widely accepted on the market. Using the same technology the company began producing rustproof Damascus steel and patented this new process. Soon, several large knife manufacturers and smithies saw the potential of the new material which is now also available for end users in a multitude of patterns and sizes.



Damasteel® DS93X™

DS93X is a powder metallurgy Damascus steel. It is made from two different hardenable steel grades (RWL34 and PMC27). The two alloys are fused on smelting in more than 100 layers with no transition band and can therefore be regarded as a solid piece of steel before further processing. Further processing (creation of the pattern) is carried out in the same way as in traditional Damascus steel production. Soft annealed for easy processing. The steel becomes rustproof after heat treatment. Hardenable up to 64 HRC.

The steel has the following outstanding characteristics in comparison with Damascus steel made with standard production methods:

- Rustproof - due to powder metallurgy it is possible to fuse high-alloy steels
- Excellent durability - due to additional alloy components in the steel (carbide builder)
- Highest purity - for a homogenous microstructure and ease of sharpening
- Incomparable toughness - extremely resistant against breaking, bending and impact stress
- Durably bonded steel layers without the risk of layer separation

For more information on processing and a hardness chart see our instruction manual.



B DAMASTEEL® DS93X™ DENSE TWIST™ DAMASCUS STEELS

- 26 x 3.2 x 180 mm
No. 831816
- 32 x 2.5 x 210 mm
No. 831817
- 32 x 4 x 210 mm
No. 831818
- 51 x 3.2 x 250 mm
No. 831819

F DAMASCUS FLAT STEELS

High-performance Damascus: This beautifully structured Damascus flat steel with 192 layers is made in the Indus Valley. Low alloy 1095 carbon steel and nickel steel 15N20, which is often used for band saws, are forge-welded to ensure excellent performance. The 15N20 steel with a high nickel content is much brighter than the 1095 steel,

providing a nice contrast. Comes with heat treatment instructions. 230 x 38 x 4 mm

- 1 *Random Damascus*
No. 719402
- 2 *Rose Damascus*
No. 719404
- 3 *Firestorm Damascus*
No. 719406



D SWEDISH STEELS

Sheets made of cold-rolled Uddeholm carbon steel for forging tool and knife blades. Also suitable for forge-welding. Comes with heat treatment instructions. Steel No. 1770, annealed, hardens in oil, final hardness approx. 56-59 HRC.

- 500 x 120 x 2.5 mm
No. 709099
- 1000 x 120 x 2.5 mm
No. 709098



G JAPANESE TRIPLE-LAYERED STEELS

Martensitic hardening. Japanese triple-layered steel is renowned for its extraordinary sharpness, long edge life and excellent sharpenability (minimal burr). It can either be ground (using wet grinders) or forged into the desired form. Also suitable for making Damascus steel (folding techniques). Semi-finished product, not rustproof. Supplied unhardened with instructions for hardening and tempering.

- 1 *Core Layer White Paper Steel*
350 x 33 x 3.5 mm
No. 719615
- 2 *Core Layer Blue Paper Steel*
350 x 33 x 3.5 mm
No. 719616



A WHITE PAPER STEEL FROM JAPAN
The finest grain:
Non-alloy Japanese carbon steel, finest martensitic structure. Extremely sharp, close to sword steel. With heat treatment instructions.
480 x 30 x 4.5 mm
No. 719620



B BLUE PAPER STEEL FROM JAPAN
Tough and edge retaining:
Alloyed Japanese carbon steel, martensitic, due to carbide formation somewhat tougher and more wear-resistant than White Paper Steel, coarser grain. With heat treatment instructions.
530 x 30 x 4.5 mm
No. 719621



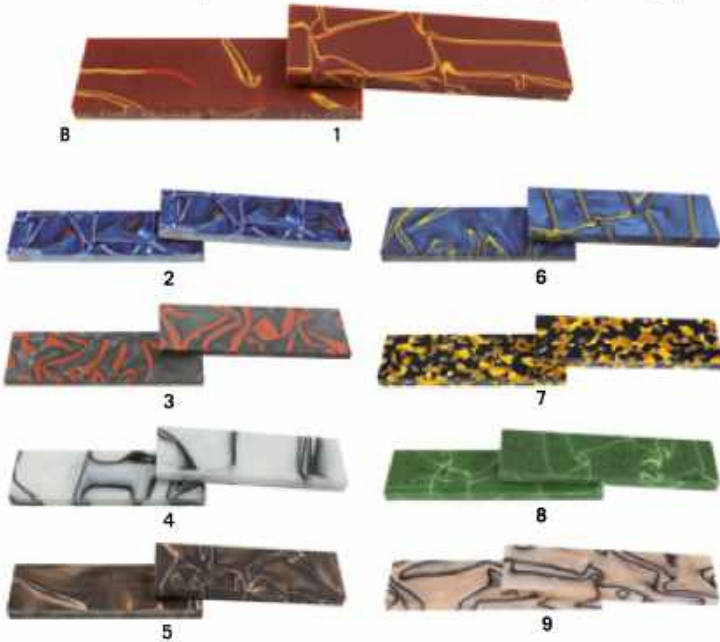
C JAPANESE SWORD STEELS TAMAHAGANE
The dream of every swordsmith:
Japanese masters have been making the queen of blades from amorphous material. Original Tamahagane is made in the days-long Tataro process using the purest ore sand (masa) and pine charcoal. We have a small quota of this precious material, which formed the basis of over 1000 years of high culture of forging

swords. The material can be made into blades by experienced blacksmiths, and is also an asset to every collection as an object, due to its mystically shimmering fragments, which are streaked by coloured metal oxides. The weight versions only differ in the size of the lumps.
230-500 g
No. 719606 Price per g
750-1000 g
No. 719608 Price per g

ΥΛΙΚΑ ΓΙΑ ΛΑΒΕΣ

Vibrant and colourful:

Acrylic is an excellent material to work with, as well as being resistant to scratching, weather and ageing. Even medium-concentration acids and bases cannot damage it. Compared to polyester, it is much more stable and heat-resistant. An optimum finish is achieved by using a polishing paste after wet sanding with micro-mesh.



B ACRYLIC HANDLE SCALES, PAIR 125 x 40 x 9 mm

- 1 red/yellow
No. 831460
- 2 blue/red/white
No. 831388
- 3 grey/red
No. 831387

- 4 mother of pearl/black
No. 831463
- 5 chocolate
No. 831462
- 6 ocean blue/yellow
No. 831461
- 7 amber/black
No. 831449

- 8 jade
No. 831448
- 9 salmon mother of pearl/black
No. 831447
- 10 carbon
No. 831428
- 11 jungle
No. 831429

- 12 ruby pearl
No. 831610
- 13 blue vein
No. 831611
- 14 turquoise pearl
No. 831612
- 15 violet/yellow
No. 831792

Micarta

Micarta is one of the most favoured handle materials in knife making - even for fine collector's knives. There are good reasons for this: Micarta is produced using a special high pressure procedure which combines absorbent material (cellulose material, linen etc.) with epoxy resin. The resulting material is almost indestructible and resistant against oils and chemicals. Paper Micarta feels slip free and very comfortable in the hand, even under wet or cold conditions. The material can be easily refined by applying scrimshaw, engraving and carving.



- C PAPER MICARTA, WHITE**
Tough and elegant
Ideal for applying scrimshaw, base material paper.
254 x 38 x 3 mm
No. 800348
254 x 38 x 6 mm
No. 800349
254 x 38 x 10 mm
No. 720043



- D PAPER MICARTA, BLACK**
Tough and elegant
Ideal for applying scrimshaw, base material paper.
254 x 38 x 3 mm
No. 720044
254 x 38 x 6 mm
No. 720045
254 x 38 x 10 mm
No. 720046



- E LINEN MICARTA, BLACK**
Very fine structure, made of numerous layers of linen.
254 x 38 x 3 mm
No. 831409
254 x 38 x 6 mm
No. 831410



- F CANVAS MICARTA, BLACK**
Made of numerous layers of canvas.
254 x 38 x 3 mm
No. 831417
254 x 38 x 6 mm
No. 831418



► Slight colour variations are possible.

- G CANVAS MICARTA, GREEN**
Made of numerous layers of canvas.
254 x 38 x 3 mm
No. 831423
254 x 38 x 6 mm
No. 831424
254 x 38 x 9.5 mm
No. 831425

H VULCANIZED FIBRE

Vulcanized fibre is a composite material made from paper. It is ideal as a layer between tang and handle materials to enhance appearance.



- | | | | |
|--------------------|----------|--|------------|
| 250 x 130 x 0.4 mm | black | | No. 719641 |
| 250 x 130 x 0.4 mm | rust-red | | No. 719642 |
| 250 x 130 x 0.8 mm | black | | No. 719577 |
| 250 x 125 x 0.8 mm | red | | No. 719643 |
| 250 x 130 x 0.8 mm | white | | No. 719578 |
| 250 x 130 x 0.8 mm | rust-red | | No. 719579 |
| 250 x 125 x 1.0 mm | blue | | No. 719644 |
| 250 x 125 x 1.0 mm | yellow | | No. 719645 |
| 250 x 125 x 1.0 mm | green | | No. 719646 |

