

jewelry processes - a notebook

dhokra, beaten metal jewelry, glass bead making

sasha

contemporary living

the jewelry project

Sasha is a not-for-profit marketing organization working with over 150 craft groups across India. They work on revitalizing crafts through careful and sensitive interventions giving inputs in design, technology and management. This line of jewelry is the result of a series of workshops, involving glass bead makers from Varanasi, people who fashion jewelry (put it together) from Varanasi and Orissa, beaten metal crafts people and dhokra crafts people from Orissa.

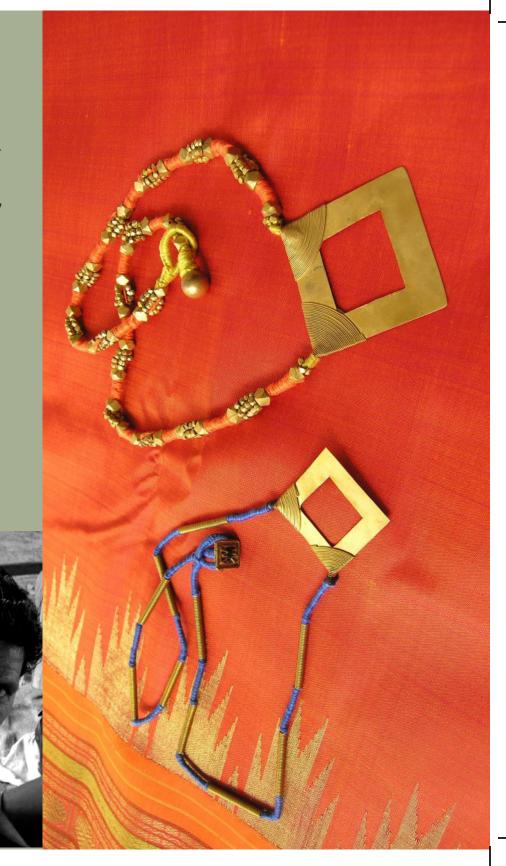
The idea behind this line was to create something completely unique, young, light, fun and universal. To go beyond the "ethnic" look, and create something that mingled the new and the old, the traditional Indian and the contemporary global.

This notebook shows you the processes involved in these crafts. As you will see, only the simplest tools and materials are used, although the technology is quite complicated. It requires an intuitive knowledge of every stage by the crafts person. This knowledge is passed on and absorbed through generations almost unconsciously, as most of the work is done at home, with everyone in the family involved.

The connections between a craftsman, his tools and the materials he uses are so intimate, that it feels like they are made of the same thing.

The wood is dark and smooth; the wax is honey-like in hue. The brass tool may have been made by an ancestor and is worn with handling and use. The iron knives are multi purpose and are the same dark brown as everything else, their edges worn but sharp. Every thing is an intimate part of the other

naga nandini



casting dhokra - lost wax

hokra is one of the earliest methods of non-ferrous metal casting known to human civilization. It existed under different names in all the primitive cultures of the world and was used for making everything from jewelry to utensils to images of Gods. The few metal objects found in Mohenjo-Daro and Harappa (ruins of the 5000-year old Indus Valley civilization) has a very strong resemblance to the dhokra objects created by craftsmen today. In India, these craftsmen are concentrated in the states of Madhya Pradesh, Bihar, Orissa and West Bengal.

Dhokra products range from small beads to larger statues of mythical animals and Gods. From a centimetre to 5 feet tall. The larger pieces are more risky to make since there is a lot of wastage involved and are only made by a few master craftsmen.





Originally, these craftsmen were nomads who went from tribe to tribe making their ceremonial and religious figures, ornaments and kitchenware. They were restricted to the materials of their immediate physical surroundings and the process of dhokra matched their nomadic biorhythm. It did not require any fixed place or structure, or any heavy, large tools. They used wax, resin and firewood from the forests, clay from the river bed and made the firing oven in a hole dug in the ground.

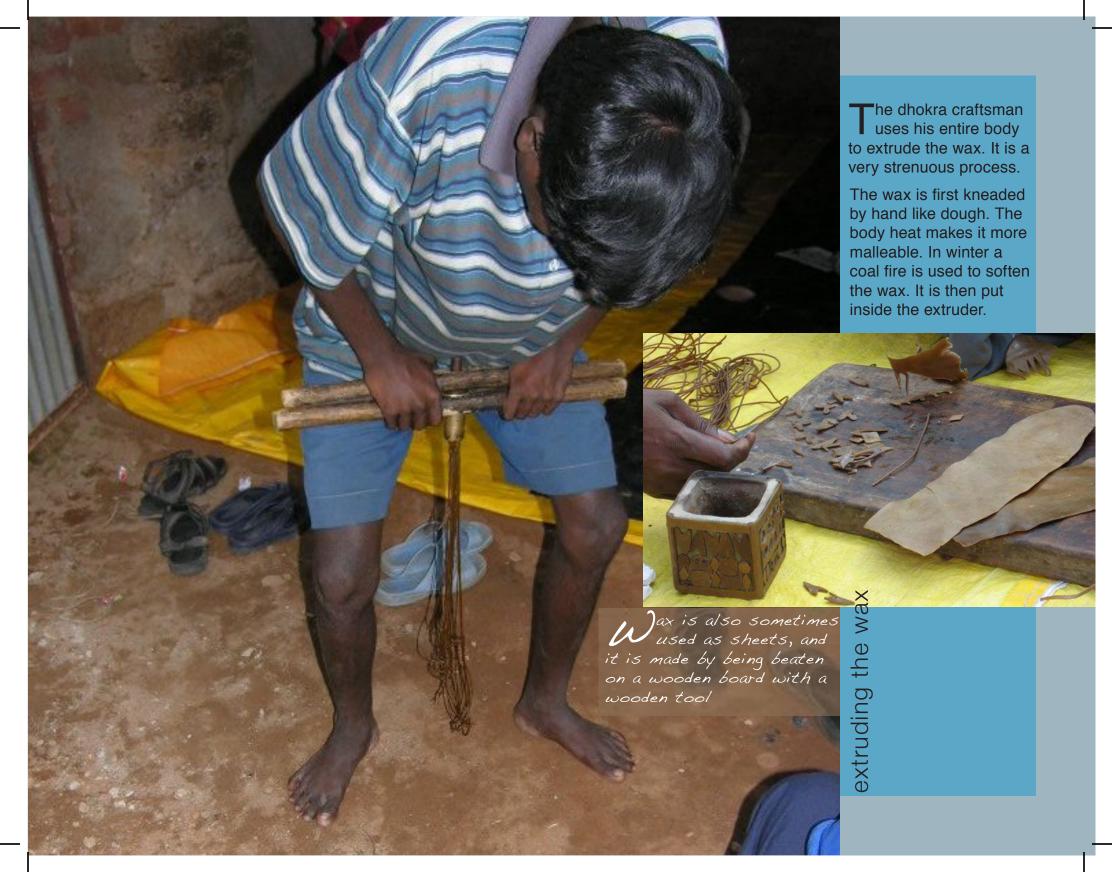
Today, these craftsmen have reached a wider market, thanks to the efforts of various marketing organizations. This has led to a degree of financial prosperity, and has changed their way of living and working.

Dhokra is the process of making an object first in wax and then casting it in brass.

Sometimes, pure bees wax is used, and sometimes pitch is mixed with it, or pure pitch is used. This depends on the fineness required in the piece or the region where the craftsman comes from or how expensive the final piece should be.

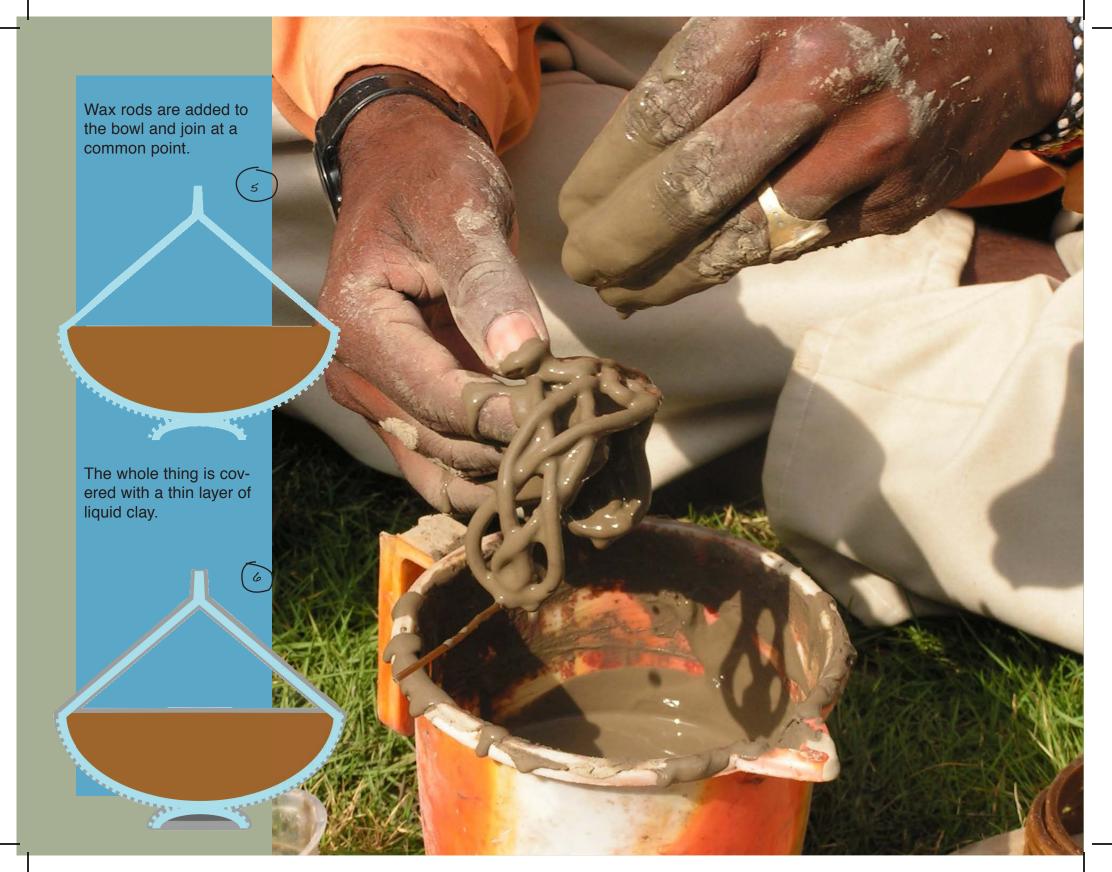
o make a bowl like this the first step is to make a clay core or mould over which the bowl will be formed. clay rough clay core fine clay to coat the rough clay wax core finishingbyrubbing with green leaves Then a layer of wax is applied, over which thin noodles of wax are arranged to make patterns or motifs decoration being applied on the

clay core applying wax on the clay core









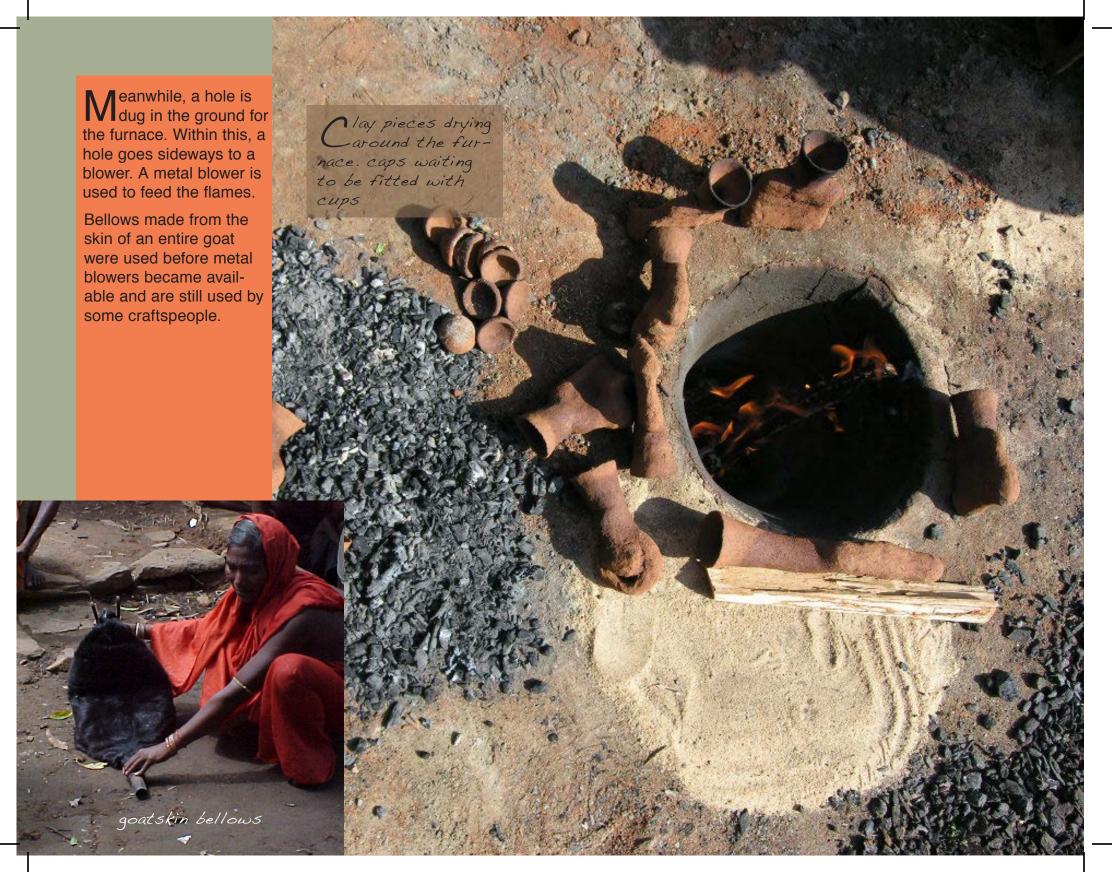


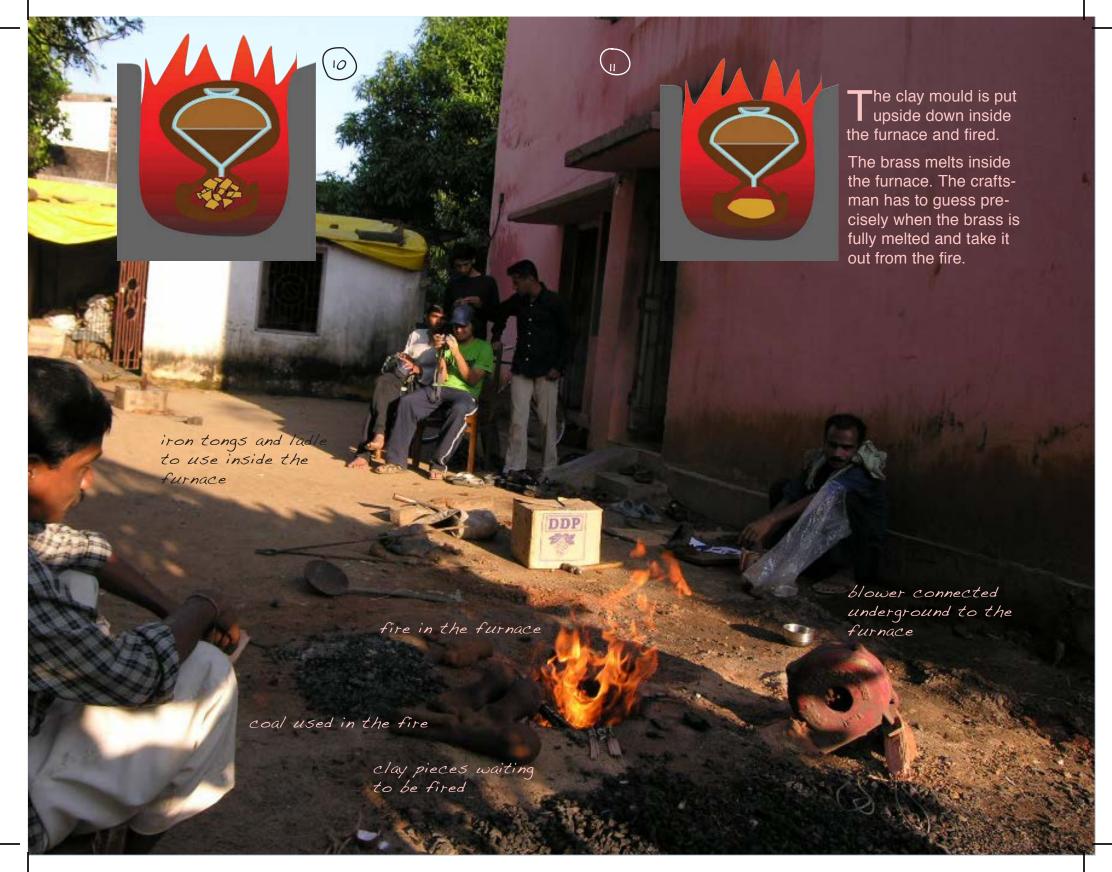






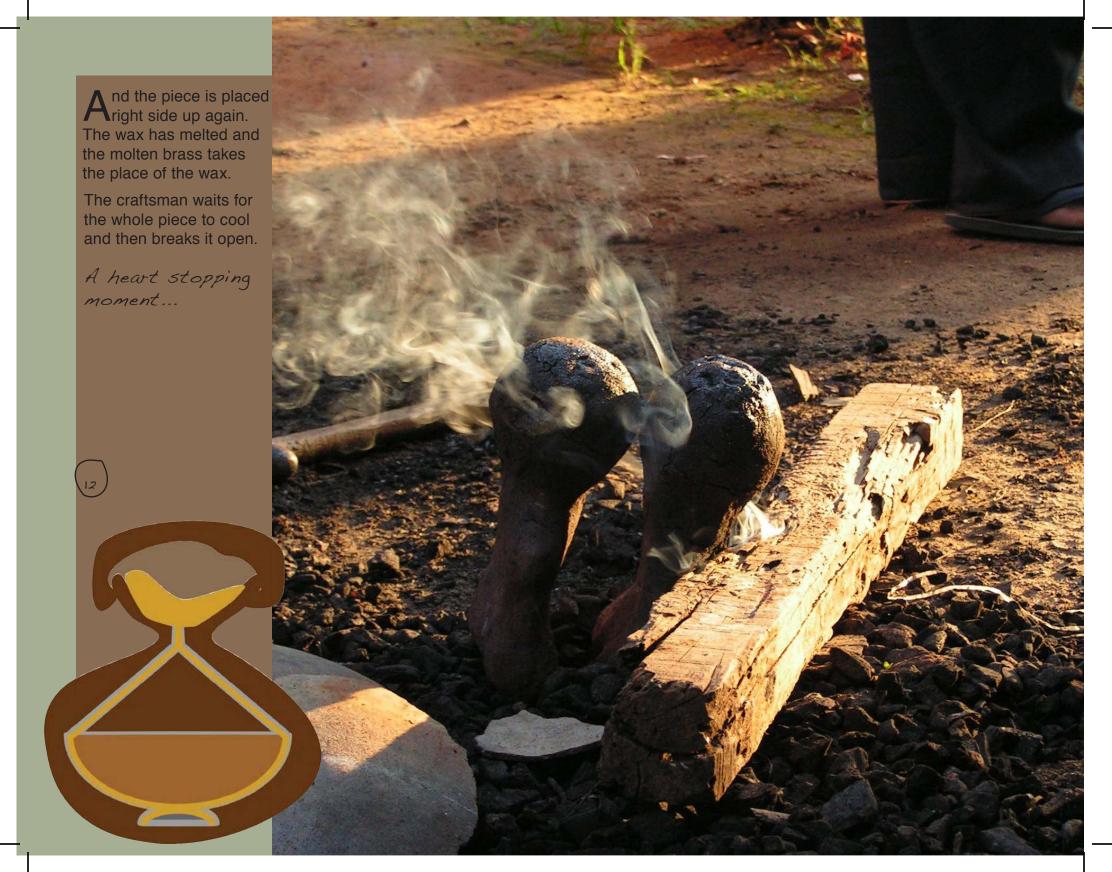








When the brass is beginning to melt, it gives off a greenish light and this indicates to the craftsman that it is time to take it out of the furnace.







beaten metal jewelry

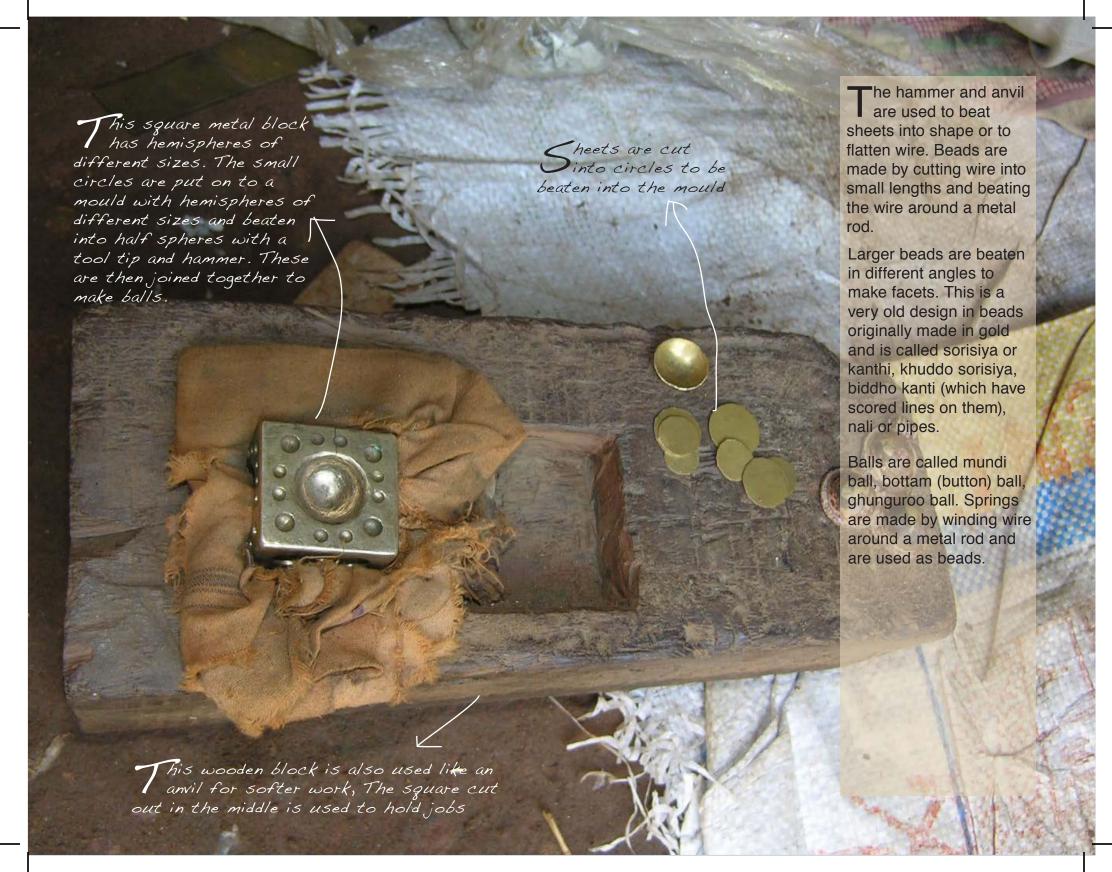
■ armul is a village in Orissa which is home to many jewelry craftsmen. They used to make silver and gold jewelry for people in the neighbouring villages as well as for tribal people in the district. But over the last forty years competition from machine made jewelry proved too much for them, and they lost their customers steadily. Design intervention and new urban markets in India and abroad have revived the craft in a new form.

There are two distinct sets of crafts persons working in Karmul. One is the women's groups who fashion jewelry, and the other is the men's groups who make the parts for the jewelry, like beads, pendants etc. They use the simplest of tools, and no electrically operated ones. Their main tools are their eyes and their hands.







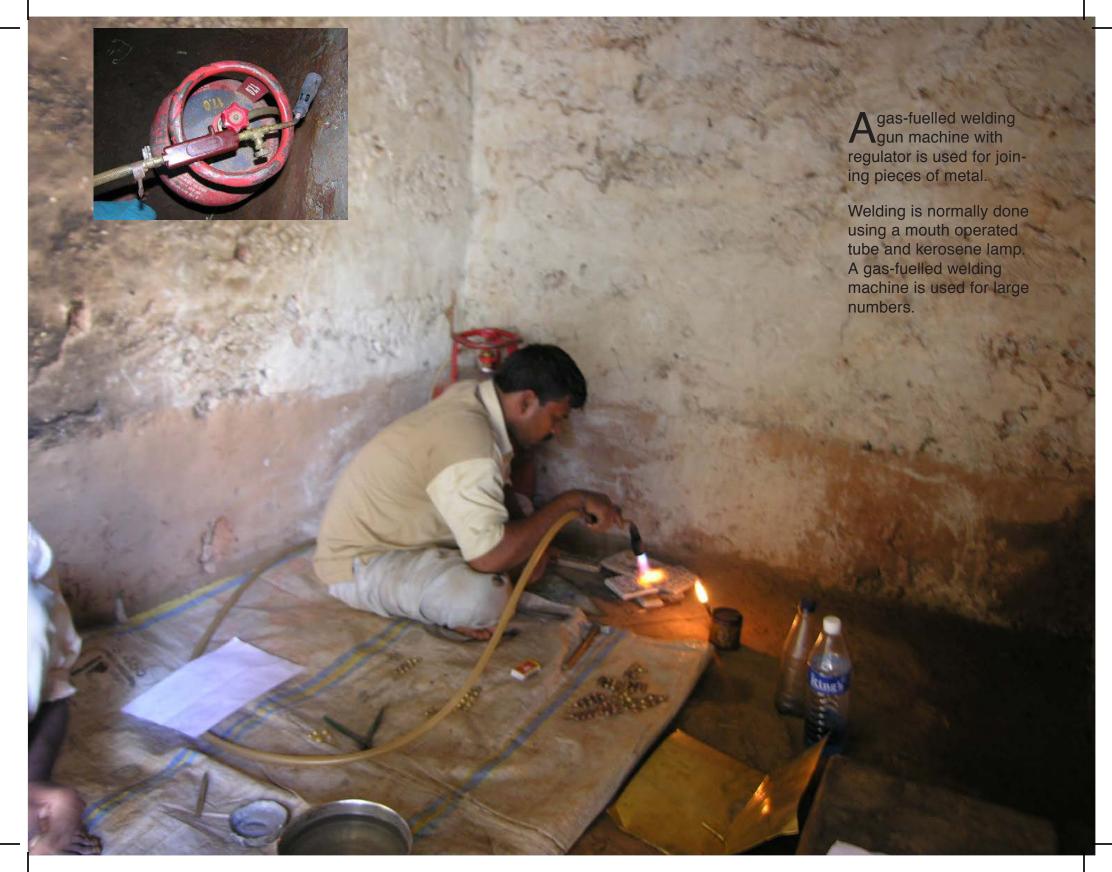


ere the craftsman is arranging half balls on a sheet of asbestos before welding. The placements are carefully done, though no jig is used and it is entirely visual.

After arranging, small strips of pure silver and a binder are placed on all the joints.

If the work is very fine, a bed of wet clay is made on the asbestos and the parts are placed with tweezers on the mud, to fix them properly.











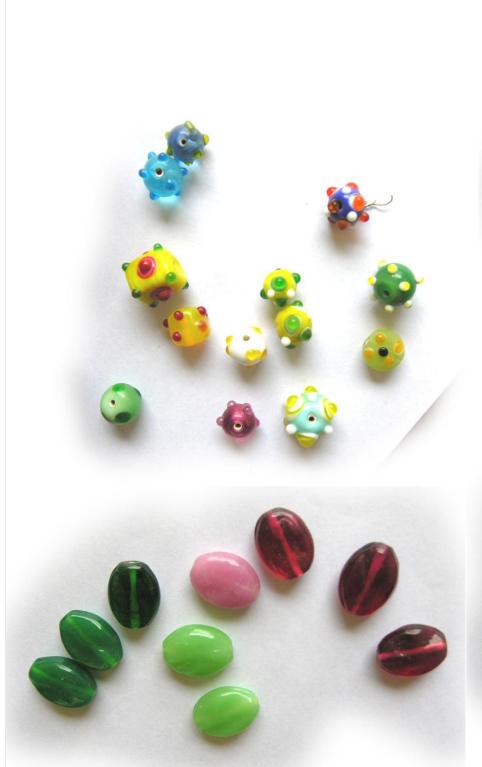
Basic material for jewelry making - wire, sheet in copper, brass and white metal from Delhi and Kolkata, bought by weight, silver for welding, earring hooks, small beads.

Fashioning - Embroidery, crochet thread (cotton azzo free), glass beads, stone, terra-cotta beads, dhokra lockets and beads, hand beaten beads, different types and sizes of balls and leafs, pipes, machine made ready beads from Delhi



When fashioning jew-elry, cotton thread is wound round the big toe of the foot and held stretched by the hand, to get the right length. On the side where the loop is formed, macramé is done to form one side of the fastening. After this, the necklace or bracelet is made. The other end is usually finished with a ball that will go inside the loop to fasten the piece. The joint is finished with the thread that is wound around it several times.







glass bead making

in varanasi

Varanasi, the sacred city of lord Shiva on the bank of river Ganga, is one of the oldest living cities of the world. It has always been a place of pilgrimage for Hindus, Buddhists and Jains as well as an important centre of learning, trade and commerce.

Archaeological discoveries in India reveal the existence of glass over 2000 years ago. Beads, tiles and conical flasks were unearthed from a site around Varanasi.

Glass bead making is practiced extensively in and around Varanasi, in many households. Very simple tools and equipment is used and usually, the whole family is involved. There has been a large export market for these beads for centuries.

Beads are sold by weight and there is an incredible variety in shape, color, size, quality and pattern.















sasha

contemporary living

sasha is a not-for-profit marketing organization for a network of over 150 producer groups involving about 7000 artisans and marginal producers - 80% of them women.

sasha deals with a wide cross-section of handcrafted products, gourmet spices & teas and body care products. Since its inception in 1978, sasha has worked towards developing craft communities so that their skills and creativity find expression, recognition and fulfilment.

There is a strong emphasis on design and sasha products combine traditional skills and material perfectly with contemporary living in India as well as globally.

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