

NEWS LETTER

ALFA MIRAGE Co., Ltd.

Wax Carving

ESSENTIAL TOOLS FOR WAX CARVED RING WITH PROCESS

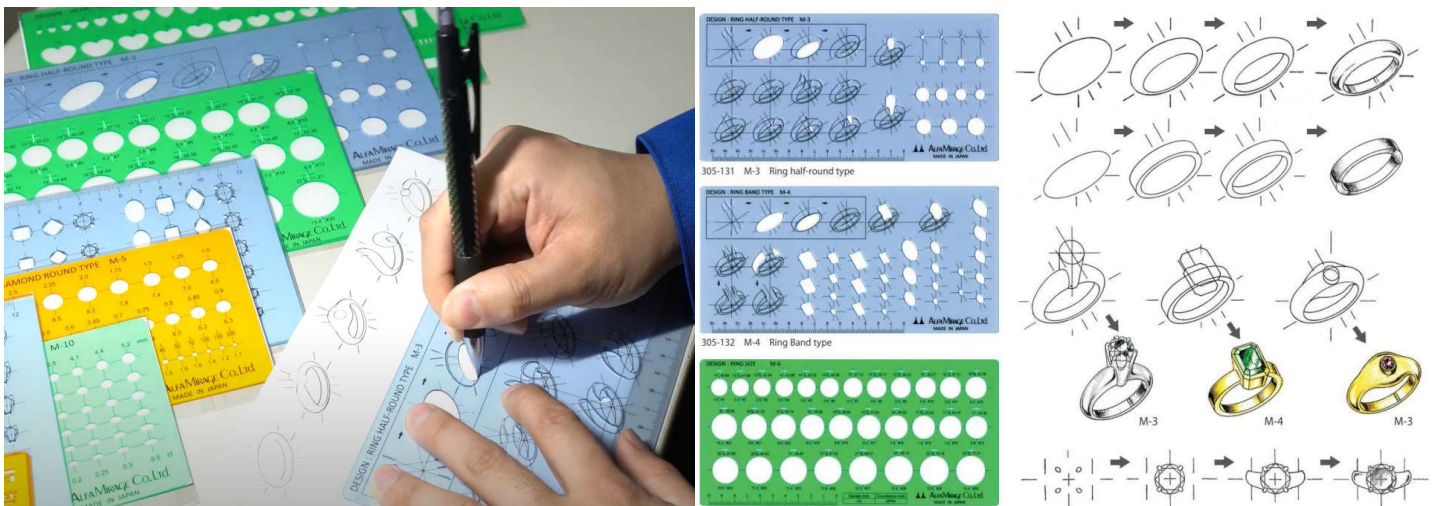
Design Your Ring

Each design begins as a series of sketches.

Jewelry Design Templates are useful for design depending on your purposes.

For the details, please check the below link.

https://www.alfamirage.com/english/newsletter/pdf/NEWS_LETTER_Vol.1.pdf



Basic Wax Modeling & Practical Wax Modeling

Mr. Hiroshi Tsuyuki, the Japanese authority on Jewelry Wax Modeling, uses an innovative approach to teaching the technique of wax modeling. Often a process is easier shown than described in so many words. This book was conceived through the author's teaching experience with many photos. By introducing new techniques in each project, his students were able to progress more rapidly towards independence in design concepts.

BOOK: WAX MODELING

Basic Wax Modeling, 11 basic projects to teach the use of certain tools and types of waxes in progressive manner as one's skills improve.

Practical Wax Modeling continues on with advance techniques and topics, building on the foundation of techniques and information presented in Basic Wax modeling.

Item Code	801-186	801-446
Contents	Basic Wax Modeling	Practical Wax Modeling
Printed in Japan		



Basic Wax Modeling



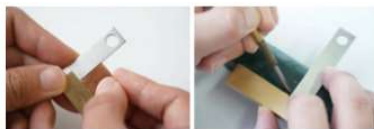
Practical Wax Modeling

Determining the width to be cut & Sawing off a slice of wax

Once you have determined the width for your design, measure it with a ruler and use a spring compass to make a draft line around the wax. Begin the carving process by sawing off a slice of wax in the right thickness. We take care to make sure the sides are flat and parallel. For making sure these, **Protractor & Try Square** are very useful tools.



Try Square W / Brass Base



TRY SQUARE W / BRASS BASE

Small try square with steel blade and brass base fits into any pockets. Ideal for detailed work requiring accuracy. Good for marking 90-degree angles, testing right angle, marking straight lines, etc. Small hole for hanging on your bench.

Item Code	305-268	305-269	305-270
Material	Brass / Stainless Steel		
Weight / Dimensions	26 g / 45 x 39 x 6 mm	30 g / 60 x 44 x 6 mm	45 g / 75 x 53 x 6 mm

TWO ARMS PROTRACTOR MINI

Compact size protractor for angle and length measurement and angle markings. Running in both directions (0° - 180°) with 10cm rule. Stainless steel, chrome-plated, matt surface with deep-etched scale enables excellent durability.

Item Code	203-089
Angle pitch size / Blade size	φ 40 x 1.0 mm / 120 x 1.0 mm
Material	Stainless Steel
Weight	20 g
Made in Japan	



Two Arms Protractor Mini

Sanding Wax Ring With File

Sanding to the desired thickness and width by using File such as **Bright 900 5 Files Set**. The surface of bright 900 is coated to prevent clogging and the cutting dust can be easily removed, so the sharpness can be maintained for a long time.

Bright 900 5 Files Set



HAND	HALF ROUND	ROUND	SQUARE	TRIANGULAR
				
W x T mm	W x T mm	W mm	W mm	W mm
11 x 3.5	12 x 3.8	φ 5.5	5.5	9.0

Length: Full Length 215 mm / File Length 110 mm

Contents: 5 pcs per pack

Made in Japan

Carving Out Design

Use **Micro Knives** to carve the outline of the design.
Many kinds of file are used depending on the design.



MICRO KNIVES

Durable, sharp, and small knives. Easy to hold and use. Suitable for intricate and detailed work for wax modeling, craftwork, modeling, and hobby purpose. 7 kinds of knives are available for the various purposes.

Item Code	301-038	301-039	301-040	301-041	301-042	301-043	301-044
Model	TK-01	TK-02	TK-03	TK-04	TK-05	TK-06	TK-07
Cutting Edge	Flat(L)	Flat(S)	Round(L)	Round(S)	Triangular	Diagonal(L)	Diagonal(S)
Edge x Length (mm)	3 x 140	1.2 x 140	1.2 x 140	1.2 x 140	2 x 140	4 x 140	4.5 x 140
Made in Japan							

Adjusting Design

Use **Spatula** to adjust the details of the design.
Use different shapes of spatulas depending on the design.



WAX CARVING SET

Set of Spatula Wax-Carving tools for professional. Every single Spatula is professionally handmade. You will increase quality and production speed with this Professional Wax Carving Set.

Item Code	301-055
Contents	Spatula x 7 pcs(14 kinds), Wax Cutter x 4 pcs, Needle x 1 pc
Material	Quenched Steel



AMC WAX CARVER

Economical Wax carver with standard 6 kinds tips (3pcs).

Item Code	305-241
Size	φ 4 x 170 mm
Contents	3 pcs of 6 tips

Wax Carving Pen

This is the most important tool for wax carving. It can be used as a tool to modify the wax in case it cracks during the process, and it is also useful when creating sculptural designs. If you don't have a wax pen, you need to use an alcohol lamp to heat up a spatula and use the warmed spatula to modify. Once you know the efficiency and ease of use of wax carving pens, you will never go back to alcohol lamps.



Wax Carver Neo1



Wax Carver 1013-B



WAX CARVERS

NEO1 : Digital temperatures control Wax carver, with 6 of LED temperature indications. Quick heat function is useful for start / immediate needs for higher temperature. Compact body, stable temperature makes wax works easy.

1013-B : Compact body, safely, reliable, stable temperatures control Wax Carver. Handpiece and cord are covered flexible silicon and you can use even long time without stress. LED indication blinks depends on set temperatures. Long seller model worldwide.

Item Code	503-076	503-077	503-078	503-079
Model	NEO1		1013-B	
Temperature	50 - 260 °C		Up to 275 °C	
Power	AC100-240V 50/60Hz			
Size	Controller 86 x 56 x 19 mm, Handpiece 120 mm, Cord 1 m		Controller 50 x 65 x 41 mm, Handpiece 120 mm, Cord 1 m	
Accessory tip	Knife, Spoon, Straight	7 kinds tip set (Knife, Spoon, Straight, Carved Taper, Flat, Wide Flat, Large Spoon)	Knife, Spoon, Straight	7 kinds tip set (Knife, Spoon, Straight, Carved Taper, Flat, Wide Flat, Large Spoon)

Made in Japan

Polish Surface of Wax Properly

Use **Water-Resistant Abrasive Papers** to polish the surface of the wax.

Use a water-resistant paper of #1000 and polish it with water to get a smooth surface.



Kovax Waterproof Abrasive Papers

KOVAX WATERPROOF ABRASIVE PAPERS

One of the most popular waterproof abrasive papers in Japan.
High cutting and easy to use fitting fingers.

Item Code	304-181	304-182	304-183	304-184
Grit	#120	#240	#320	#400
Size	230 x 280 mm			
Contents	100 pcs / pack			

Item Code	304-185	304-186	304-187	304-188
Grit	#500	#600	#800	#1000
Size	230 x 280 mm			
Contents	100 pcs / pack			

Made in Japan