

HEMNAV

Bringing you the best.

HEMNAV VENTURES

Private Limited

Jewellery Catalogue 25



CRUCIBLE | INVESTMENT POWDER | RTV LIQUID RUBBER | TOOLS & CONSUMABLES
PLATING SOLUTION | BUR | ALLOY | WAX

WELCOME



HEMANT JAIN

FOUNDER &
MANAGING DIRECTOR

Welcome To Hemnav Ventures Private Limited

A company dedicated to trust and quality. We specialize in providing a comprehensive range of jewelry-making tools, consumables, and machinery.

Our company is led by Mr. Hemant Jain, who brings extensive knowledge of the equipment and tools used in the jewelry industry. We travel globally to source the best products and bring them to the Indian market. We manufacture & customize crucible as per customer's size specifications.

With 10 offices across India and one in Dubai, we are supported by a team of over 50 employees nationwide. We are recognized for our expertise in manufacturing, sales, marketing, service, and support, and we are well-equipped to serve this industry's needs.

Our Partnership With Global Players in New Age Business



Exclusive Partnership with:



PRODUCT CATEGORY

PAGES

Graphite & Ceramic Crucibles	03
Alloys	05
Alloys, Metals & Soldering Powders	07
Micro Torch & 3D Printer Resins	08
Injection Waxes	09
Investment Powder	11
Carving Wax & Mold Rubber	14
Liquid Rubber	15
Casting Accessories	16
Burs & Carbide Cutters	17
Engraving & Power Tools	23
Files, Gravers & Saw Blades	24
Polishing Accessories	26
Enamel's & Plating Solutions	28
Optical Lens & Accessories	31

GRAPHITE CRUCIBLE FOR MELTING/CASTING

Different Grades of Graphite Crucible

1003	High Density Graphite Crucible
1004	Little Lower Density than 1003
1007	Economical and good quality crucible preferred mostly by chain makers
1015	Low value graphite crucible used for economical melting



COLLAR TYPE GRAPHITE CRUCIBLE

Description	Capacity (gms)	A (mm)	B (mm)
1 Kg Standard	1000	65	125
2 Kg Standard	2000	75	160
1/2 Kg Standard	900	60	126
1/4 Kg Standard	250	60	100
Metro	1000	65	143



CYLINDRICAL (VATI) TYPE GRAPHITE CRUCIBLE

Capacity (gms)	A (mm)	B (mm)
10	25	25
100	40	40
200	45	45
300	50	50
300	50	70
400	55	55
500	60	60
1000	65	65
1250	65	75
1500	75	75
2000	70	90
2000	75	100



INDUCTION FURNACE GRAPHITE CRUCIBLE WITH CERAMIC ENVELOPE

Furnace	A (mm)	B (mm)	Type
Metro Standard	75	125	C
Metro 4 Kg	95	112	G
Metro 10 Kg/F9	131	162	J
Metro 20 Kg	156	173	M
Metro 0.5 Kg	85	73	U
Shapet 0.5 Kg	65	85	V
Standard 10 Kg	130	175	L
Special 1 Kg	72	123	T
Manfredi ARG	83	110	D
F1	69	87	E
F3	83	130	B
F4	98	132	X
F6	118	158	W
F3 D	80	132	Y
F5 D	120	138	Z



GRAPHITE & CERAMIC CRUCIBLES

BOTTOM POURING CRUCIBLE FOR INDUCTION CASTING & GRAINING



Name Yasui KT - 15
Crucible $\phi 60 \times 90$
Stopper Rod $\phi 12 \times 135$



Name Yasui K3E
Crucible $\phi 70 \times 90$
Stopper Rod $\phi 24 \times 136.5$
Graining $\phi 70 \times 124$



Name Neutec JZ
Crucible $\phi 75 \times 125$
Stopper Rod $\phi 15 \times 225$
Graining $\phi 75 \times 110$



Name Yasui KT - 17 / K2E
Crucible $\phi 70 \times 128$
Stopper Rod $\phi 23.5 \times 149$



Name Yasui K5 - K2
Crucible $\phi 65 \times 72$
Stopper Rod $\phi 25 \times 133$



Name Indutherm VC 600
Crucible $\phi 78 \times 120$
Stopper Rod $\phi 12.7 \times 180$



Name Indutherm VC 450
Crucible $\phi 68 \times 120$
Stopper Rod $\phi 11.7 \times 174$



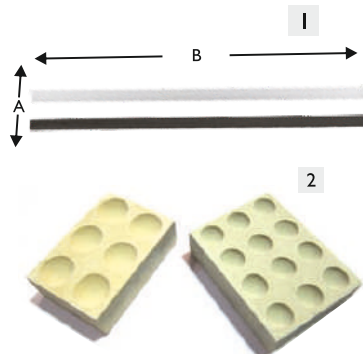
Name Schultheiss
Crucible $\phi 76 \times 130$
Stopper Rod $\phi 14 \times 165$
Graining $\phi 76 \times 130$



Name Indutherm Continuous Casting Crucible
Crucible $\phi 78 \times 140$
Stopper Rod $\phi 15 \times 193$
Die $\phi 35 \times 100$

STIRRING ROD IN CARBON & QUARTZ

A(mm)	B(mm)	Ordinary	Fine	Quartz
8	305	✓	✓	✓
10	305	✓	✓	✓
12	305	✓	✓	×
16	450	✓	✓	×
16	405	✓	✓	×



CUPELS

Bone ash assaying cupels available in 12HB, 6 HB AND 1HB hole sizes

PLATINUM CASTING, MELTING CRUCIBLES & CERAMIC OUTERS FOR INDUCTION CASTING



Indutherm Machine



Galloni Crucible



Casting Crucible for Yasui Machine



Platinum Crucible for Galloni Machine



Platinum Melting Bowl (Vati)



OPEN & CLOSED CASTING YELLOWS

Code	Karat	Color	Characteristics
SY11C	9-22K	Rich Yellow	Very High Amount of Deoxidizing Elements, Very Shining Casted Objects'
SY12C	9-14K	Bright Yellow	Low Silver Choice Casting Alloy
SY14C	9-18K	Bright Yellow	Green Shade Yellow in 14K, Best for Stone in Place, Low Loss
SY15C	18K	Deep Yellow	Closest to 4N EU standard, Good Deoxidation & Reusability
SY15CS	18K	Deep Yellow	Closest to 4N EU standard, Best Deoxidation Possible
SY16C	18-22K	Dark Yellow	Deep Full yellow, Optimal in Higher K's with Stones in Wax
SY113 (SY 14 ECO E)	14-18K	Rich Yellow	High Amount of Deoxidizing Elements
SY117 (SY 572P)	9-18K	Orange Yellow	Glossy Surface After Casting And Low Loss
SY120 (SY2022C)	21-22K	Deep Yellow	Best for Higher Karat with or without Stone in Place, Hard, Contains Ni
SY118	18-22K	Orange Yellow	Hamilton Yellow in 14K, Royal Orange in 18K, Warm Yellow in 20K up
SY17C	18-22K	Fine Gold	All Purpose high reusability Tarnish Resistance
SY18C	18K	Rich Yellow	Smooth Surface High Lustre
SY309	20-22K	Standard Yellow	Economical & Hard Alloy

HANDMADE & FABRICATION YELLOWS

Code	Karat	Color	Characteristics
SY11	14-18K	Rich Yellow	Suitable for Sheet & Wire, Hollow Chain Production, and CNC Works
SY14	10-18K	Rich Yellow	Very Easy Workability
SY340	21-22K	Yellow	Universal Alloy for 22K Hard Jewellery
SY210	18K	Rich Yellow	Economic Choice Standard Color in 18K. Rich of deoxidizing elements & can be hardened
SY212	18K	Rich Yellow	Excellent Alloy for Plate, Tubes & Hallow Chain Products can be hardened

CASTING & FABRICATION PINKS & REDS

Code	Karat	Color	Characteristics
SR107(C2)	18K	Deep Red	High in Grain Refiners, Reduces the Risk of Breakages in Casted 18K
SR318	18K	Deep Red	High in Grain Refiners, Reduces Brittleness & Oxidation in Casting
SR304 (RLGRR)	18K	Deep Red	High in Grain Refiners, Perfect Hollow and Thin Pieces Great Reusability
SR124	18K	Deep Pink	High Lustre for Stones, Specific for Casting
SR307	18K	Deep Red	High in Grain Refiner, Universal Alloy
SR219	9-14K	Deep Red	Universal Alloy especially for solid chain production
SR360	18K	Light Pink	Versatile Universal Alloy gives light pink & easy reusable ability. Perfect for Diamond Studded

CASTING & FABRICATION Ni based WHITES

Code	Karat	Color	Characteristics
SW126	9-18K	Ultra White	High Fluidity, Good Mechanical Properties
SW116	9-18K	Ultra White	High Fluidity Silver Low, Stones in Place

GOLD SOLDERING SPECIFIC ALLOYS

Code	Karat	Color	Characteristics
SS108 (SSY 22L)	22K	Yellow	Suitable for production of extra-soft soldering wires and sheets.
SS105 (SSY 1822 S)	18-22K	Yellow	Suitable for production of extra-soft soldering wires and sheets.
SSR918 (SSR 918 M)	18K	Pink	Suitable for production of extra-soft soldering wires and sheets.
SS302	18K	Pink	Suitable for production of extra-soft soldering wires and sheets.
SS103	9-10-14-18K	Yellow	A medium soldier suitable for hallow chain production also in higher carot.
SS304	14-18K	Red	Lighter Red Solder to SS604.
SS604	14-18K	Red	Silver less solder for pink jewellery.



Gallorini
MASTER OF ALLOYS

SILVERLESS ALLOYS FOR FABRICATION

Code	Karat	Suggested Ag%	Color & Characteristics
SY512	18-22K	35%	Rich Yellow, Plates and Thin Wires Production
SY520	9-14K	23%	Light Yellow Plates and Thin Wires Production
SY534	18-22K	56%	2N Color in 18K
SY510	14-18K	31%	Close to 3N Color in 18K, Deep Fabrication Suitable for Hollow
SY514	9-14K	6%	Light Yellow, Good Resistance to Acid Hollowing
SY528	18K	52%	Zenith Yellow, Very Versatile Alloy for Fabrication

SILVERLESS ALLOYS FOR ALL PURPOSES

Code	Karat	Suggested Ag%	Color & Characteristics
SY609	9-14K 21-22K	5%	Alloy that gives a pink hue in low K going to Full Rich Yellow in 22K
SY614	21-22K	9,50%	Rich Yellow & Very High Tarnish Resistance (Contains Ni)
SY623	21-22K	9,50%	Rich Yellow with Improved Hardness and Deoxidation (Contains Ni)
SR612	14-18K	3,60%	Pink Suitable for Deep Mechanical Working
SY616	21-22K	2.25-1.5%	Universal applications gives the Rich Yellow shade & good with chains

SILVER CASTING-SPECIFIC ALLOYS

Code	Karat	Usage	Characteristics
SG101(SAG C)	925-930	Silver	High in Deoxidizing Elements & Specific for Stones in Wax
SG103(SAG 19C)	925-930	Silver	High in Deoxidizing Elements & Bright White Color
SG114	925	Silver	De-ox, Tarnish resistance, fluidity

SILVER FABRICATION-SPECIFIC ALLOYS

Code	Karat	Usage	Characteristics
SG201 (SAG)	925-930	Silver	Medium Content of Deoxidizers. Very Versatile Alloy for Mechanical Application
SG203 (SAG EVO)	925-930	Silver	Low Content of Deoxidizers, Suggested When High Resistance is Needed
SG207	800-925	Silver	Low Cost Alloy for High Tarnish Resistance
SG303	800-950	Silver	A Very Resistance Silver Alloy for Multiple Applications

SILVER SOLDER ALLOYS

Code	Karat	Characteristics
SS802	625-925	Solder and repair alloy for silver jewellery

925 READY MIXED STERLING ALLOY

Code	Karat	Usage	Characteristics
SG112	925	Ready Silver	Very High Tarnish Resistance
SG113	925	Ready Silver	No Firestain and High Fluidity





Gallorini
MASTER OF ALLOYS

FASHION JEWELLERY ALLOYS

Code	Colour	Characteristics
SF106	Standard Yellow	Special Brass, Good Hardness, Easy Polishing, Shining Surface
SF116 (OT 70 C)	Light Yellow	Nickel Free, Open and Closed Casting System
SF108 (OT 7723)	Yellow	Ni-Free Yellow Brass, High Filling
SF105	White	Ni Based White Brass, Greatly Reduces Surface Oxidation
SF419	Pink	Special Pink Brass, Especially Suitable for Stones in Place & High Luster
SF113	Red	Special Formulation Red Brass
SF122	Pink	Pink Bronze, Specific for Casting

SOLDERING ZINC POWDERS

Code	Characteristics
SP101	Zinc - based soldering powder for high carats yellow and white gold chain soldering
SP103 (S 103)	Used to solder Gold 9-18K & Silver chains
SP122 (S 103 AG Super Fine)	Used to solder light weight chains 9-22K
SP123 (S 103 Super Fine)	Used to solder light weight chains 9-22K
SP102 (S103 AG)	Used to solder 10-18K Yellow & White or 21-22K Yellow
SP201	Zinc - based soldering powder designed for silver chain solder.



SOLDERING FLUX

Code	Characteristics
SP720	Used for Hallow chains soldering, remove oxidised from surface during soldering process.
SPSXXX	Used for Hallow chains soldering, improve flow of the solder and remove oxidise from surface during soldering.

METALS

Name	Characteristics
Oxygen Free Copper Grains	Copper in stick / wire & grain form.
Indium	Used to produce solders in 1kg ingots, purity 99%
Zinc	Imported Shots / Indian Plates Available.
Nickel	Used in White Gold & Plating. Available in plates
Palladium	Used in White Gold & Plating. Available in plates & Powder.
Cobalt	Special Cobalt for Platinum Casting.
Gallium	Gallium is a soft & Specially used to make jewellery.
Germanium	Lustrous hard brittle grayish-white metal with anti Tarnish property for silver.



Italim Pianti Soldering Powders

Name	Characteristics
B1	Used to solder Gold chains of 14-18-22 KT
B1AG	Used to solder chains that go under



MICRO TORCH

MICRO TORCH & 3D PRINTER RESIN



PRINCE

THE MOST VERSATILE BUTANE TORCH YOU'LL EVER USE.

They are best suited for soldering, with a max. temperature of 1300 C, adjustable flame & Self ignition.

ESPER - 27
SELF-IGNITING
REFILLABLE TORCH
(MELTING)

GB 2001
(SOLDERING)



ANTI-FLARE

RESINS

All new **resinworks3D** made in CANADA



CCW EasyCast HD Violet sets the standard for castable resins. A wide range of users, from custom jewelers to large scale manufacturers have come to rely on its printing quality



CCW EasyCast HD Brown wide range of users, from custom jewelers to large scale manufacturers have come to rely on its exceptional printing quality



Easy Cast HD O2 Green
This resin provides high levels of detail with consistently smooth & fine castings. Tested in Platinum, Palladium, Gold & Silver.



EasyCast HD-Series 200 is the newest Photopolymer Wax resin developed by ResinWorks3D. This unique formulation is a green opaque resin that is formulated with 20% wax and is tested to work with ease on DLP and Monochrome LCD 3D printer platforms.

GENERIC RESIN



Description	Colour
High Wax Plus Resin	Green
X-Cast Resin	Yellow
Jewellery Casting Resin	Yellow
High Wax Resin	Green
Ultra Cast Resin	Yellow

resinworks 3D
new addition in our list of products

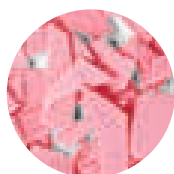
INJECTION WAX

WAX

FREEMAN



Name	Injection Temp	Flow	Flexibility	Carvability	Shrinkage	Memory	Shelf Life	Readability	Solidification Time	Application
Filligree Pink	68	High	Med	Low	Low	Med	High	Med	Med	Easy Removal from Mould W/o Breakage
Turquoise Blue	65	High	Med	Low	Low	Med	High	High	Med	Best for "stone in place casting"
Aqua Green	65	High	Med	Low	Low	Med	High	High	Med	Best for "stone in place casting"
Tuffy Green	73	Med	High	Med	Low	Med	High	High	Med	Toughest



Filligree Pink



Turquoise Blue



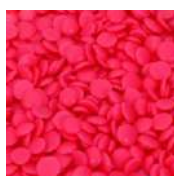
Aqua Green



Tuffy Green

FERRIS Waxes Beads

Magna Pink 2364 PK	68	High	Med	Med	Low	Med	Med	High	Med	Extremely Fluid,good For Filligree work
Magna Blue 2364 B	68	High	High	High	Low	Med	High	High	Med	Extremely Fluid,good For Filligree work
Magna Blue 3250 B	68	High	Med	Low	Low	Med	High	High	Med	Extremely Fluid,good For Filligree work
Ultra-ject Turquoise	66	High	Med	Low	Low	Med	High	High	Med	Super Tough



Magna Pink 2364 PK



Magna Blue 2364 B



Magna Blue 3250 B



Ultra-ject Turquoise

Freeman Optical Soluble Wax



Freeman optical Soluble Wax is a high-quality investment casting wax specifically formulated for the jewelry industry. It is ideal for making any design where a hollow area in the finished pattern is desired. It is also used as a temporary adhesive in the manufacturing of intraocular lenses



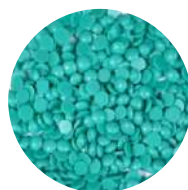
Hemnay Wax



i Gold Pink



i Gold Dark Blue



i Gold Aqua Green



Ecocast Dark Pink



Ecocast Dark Blue



Discast with Blue



Discast with Pink

i Gold Pink	74	High	High	Med	Low	Med	High	Med	Med	Economical All Purpose Wax
i Gold Dark Blue	74	High	High	Med	Low	Med	High	Med	Med	Economical All Purpose Wax
i Gold Aqua Green	74	High	High	Med	Low	Med	High	Med	Med	Economical All Purpose Wax
Ecocast Dark Pink	68	High	Med	Med	Low	Med	Med	High	Med	Economical wax available in blocks & beads
Ecocast Dark Blue	68	High	Med	Med	Low	Med	Med	High	Med	Economical wax available in blocks & beads
Discast with Blue	75	Med	Med	Med	Low	Low	Low	High	Med	Cheap Wax for Brass
Discast with Pink	75	Med	Med	Med	Low	Low	Low	High	Med	Cheap Wax for Brass

Americast



A precision casting investment that exceeds most jewellery investments on the market today.

Americast Plus



A precision casting investment that exceeds most jewellery investments on the market today.

Americast Supreme



This Premiere Casting Investment is often called the "most forgiving" & is a favourite among the world's elite jewellers.

Americast Xtreme



Designed for gold and RPT Casting to withstand rapid and high temperature burnouts. It provides smooth lustrous surface with high details.

Ultra-Vest



Recognised worldwide as the premium investment for gold. It provides easy quench and easy clean-up.

Ultra-Vest Maxx



Maximum thermal stability for high metal temperatures & excellent palladium white gold casting.

Stone-Brite Plus



This investment is specially formulated for stone in place casting while offering the benefits of satin cast 20

Solitaire



Specially designed for stone in place casting. Protects your diamonds upto a temperature of 630 deg celcius.

Plasticast



An excellent investment powder designed specially for resin and RPT castings.

Platinum



Designed to produce superior platinum investment. It provides casters with smooth, consistent surface finish.



KC 2000



A precision casting investment that exceeds most jewellery investments on the market today.

SC 20



This Premiere Casting Investment is often called the "most forgiving" & is a favourite among the world's elite jewellers.

SC D



This investment is specially formulated for stone in place casting while offering the benefits of satin cast 20

SC-X



Designed for gold and RPT Casting to withstand rapid and high temperature burnouts. It provides smooth lustrous surface with high details.

SC-RP



This investment powder is specially designed for Resin & RPT casting. Providing smoother & cleaner casting surface than other brands of investment.

BRP

BRITANNIA REFRACTORY PRODUCTS



BRP 1000
A Precision
Casting Investment
for 22 KT Gold,
Silver & Brass.



FINE CAST is
for finest &
excellent
investment gold
casting. Designed
for easy removal
in water. Produces
smoother
surfaces.



PREMIER CAST is
very good for
high-quality gold
casting & consistent
results. Fin-Free
casting with
meticulous
reproduction of
details.



**PREMIER
GEMTEC** is
specially designed for
Stone-In-Place.
Maintains mold
surface &
dimensional integrity.
Provides easy
quench & cleanup.



SUPREME CAST
has been
developed using
the worlds very
best raw materials
in order for us to
deliver a world
leading investment
powder.



Pure Cast Plus

High Quality and luster finish powder developed specially for Gold Casting.

Pure Cast

High Quality powder developed specially for Gold Casting.



Standard Neo

Developed specially for gold, silver & brass casting

ShineCast

Designed for Silver & Gold Casting



Silver Plus

More fluid for brass & silver casting

Eco-Cast

Specially developed for brass & silver casting.



Dis-Cast

Specially developed for export quality brass & silver casting.

CARVING WAX & MOLD RUBBER

FERRIS TUBES, BLOCKS & SLICES



DRB-8
Oval Bracelet Bar
79.4 mm x 66.7mm
x 117.5 mm



DRB-3
Round Bar
77.8mmx103.20mm L

Ferris Slices



DSS-I - Square Slab Assortment
Shape - 1lb slices (B.S.L)
Dimensions - 3/16" to 1" thick

Ferris Blocks



DSS-I - 1 pieces in thickness
Shape - 1 lb blocks
Dimensions - 6"L x 3 5/8"W
x 1.8" thick



T-1062
Round Tube
(27.OD/
15.9 mm hole)



T-1062 E
Round Tube
(27.OD/
15.9 mm hole)



T-250
Flat-Sided Tube
(28.6 H x 28.6 W/
15.9 mm hole)



T-200
Flat-Sided Tube
(33.3 h x 30.2W/
15.9 mm hole)

IMPORTED NATURAL & SILICON RUBBER



Castaldo Super High Strength



Silicon rubber which cuts like butter. It produces a firm mould with excellent flexibility and tear strength strong enough to make complex moulds. Available in standard yellow and gelato rainbow colours. Sold in 5 lbs pack.

Vulcanizes at 165 C°-177 C° for 15 Minutes per 6mm



TEKNOSIL Silikon Rubber



HIGH STRENGTH YELLOW

STOCK CODE TNK 01
COLOUR YELLOW
VULCANIZATION TEMP. 170-175 °C
VULCANIZATION TIME 45 min/7 mm of mould thickness
HARDNESS 50 shore a
ELONGATION 700%
TENSILE STRENGTH 9.5 N/mm²
SHIRINKAGE %3-5

INDIAN NATURAL & SILICON RUBBER

Indian Silicon Rubber

Yellow, Pink, Blue & Orange Rubber Silicon Strip
Available in strips and in pack of 2kgs.
best quality.



Indian Silicon Rubber Sheet

Lemon Yellow, Orange, Blue Rubber Silicon Sheet
Available in Sheet and in Pack of 5kgs.
Cheapest of All.



RUBBER ASSESSORIES

Mould Cutting Blade

Blades available in sizes 11/12 of
SURGEON brand. Long lasting.
In packs of 100 blades



Silicone Spray

Used for mould release. Content 310 gm (550ml)
Silkot Silicon Spray
Economical Silicon spray for mould release.
Content 310 gm (550ml)



Pourable, addition-curing, two-component silicone rubber that vulcanizes at room temperature.

- ♦ Good Flow
- ♦ Fast and non-shrink cure at room temperature which can be accelerated considerably by the application of heat
- ♦ Medium Shore A hardness (approx.40)
- ♦ Good transparency of the cured rubber
- ♦ High tear strength
- ♦ Outstanding resistance to casting resins, particularly polyurethanes and epoxies, for very long service life of the molds

RTV SILICON LIQUID RUBBER



Rubber Mould

GRADES AVAILABLE

M4644 A & B - Higher strength and thick

M4641 A & B - Lower Viscosity

CASTING ACCESSORIES

Silicon Gasket

Dia of rings available with us 1.5" .2" .2.5" 3.5 ,4" ,5" . We also have some of the odd sizes and also make as per customers requirement. The rubber used is the finest and long lasting.



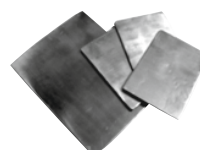
Graphite Ring Gasket

Available in 1.5" - 5". Made also as per your design.



Aluminium Frame Plate

Aluminium Die frame plate of size 125x90, 190 x 150 mm available in thickness of 3mm.
1)125x90, 2)190x150



S S Flask

Available in dia of 1.5" ,2.0" ,2.5" 3.0" , 3.5" ,4.0" and in length of 2" .3" ,4" ,5" ,6" 7" ,8" .All are ready stock with 3 mm thickness and in SS 304 grade. Also made in SS 316 grade



Rubber Sprue Base

Dia of base available with us 2" ,2.5" ,3" ,4" . We also have some of the odd sizes and also make as per customer requirement. The rubber used is the finest and long lasting.



Asbestos Hand Glove

Available in sizes of 14" and 18". Made out of finest asbestos, protects from heat and fits best.



BERGEON CUTTER & JAWS

Highest quality , Sturdy , double reduction sprue cutter blades from Switzerland
Especially useful for cutting pieces of casting & has a special locking system.
Cutting width : 22 mm.Total length : 260mm

Spares for Bergeon Sprue cutter Jaws, Spring



BERGEON RING STICKS

Quality & great precision for ring measurement
available in aluminum anodized, natural grey
& in pellerin high quality plastic . Length = 250 mm

5235 - 1,2,3,4 ...FR: I-36 / L 41 - 76 mm
1,2,3,4 ...US: I-15/ 13.0 - 24.2

5235-4 -1,2,3,4 ...FR: I-36 / L 41 - 76 mm
1,2,3,4 ...US: I-15/ UK: D-Z

5235

5235-4

5235-PB

5235-4PB

5235-PN

5235-4PN

CUTTERS

Lindstorm Cutter 8140
High quality European prong cutter



LindStorm Cutter 8160
High quality European prong cutter with bigger jaw.

Chinese Prong Cutter
Sturdy red prong cutter



Xuron Prong Cutter
Excellent prong cutter from U.S.A



Bolt Cutter
Available in sizes of 12" - 14" - 18" - 24" - 30" - 36" Cutters are imported from Taiwan, they are of high quality and are long lasting.



3 PEAKS SPRUE CUTTERS

JAPAN ORIGIN

GN200 Japanese Cutter with a carbon steel head. Economical and cuts clear.

GN200J Japanese Cutter with Improved head , same as Gn200



CALIPER

Vernier Caliper
Japanese Digital Vernier Caliper with very high accuracy



447AU* PavéCut



Ø	008	009	010	011	012	013	014	015	016
D	0,80	0,90	1,00	1,10	1,20	1,30	1,40	1,50	1,60

Empfohlene Anwendungsdrehzahl: 5.000 - 10.000 min⁻¹ /
recommended speed: 5.000 - 10.000 r.p.m.

Min. 50% schneller!
Dieser neu entwickelte Bohrer aus Hartmetall ist eine einzigartige Kombination aus Spiralbohrer und Rundbohrer: **zwei Arbeitsschritte in einem!**

Min. 50% faster!
This new developed bur made of carbide is a unique combination of a twist drill and a round bur: **one step instead of two!**

Beading tool



BT	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22
Ø 1/100 mm	025	030	035	040	045	050	055	060	065	070	075	080	085	090	095	100	105	110	115	120	125	130	135

Round



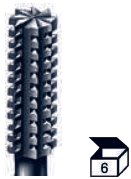
BUSCH 1*	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023
D1	0,30	0,40	0,50	0,60	0,70	0,80	0,90	1,00	1,10	1,20	1,30	1,40	1,50	1,60	1,70	1,80	1,90	2,00	2,10	2,20	2,30

Cylinder

Wheel

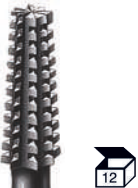


BUSCH 3*	006	007	008	009	010	012	014	016	018	021	023
D1	0,60	0,70	0,80	0,90	1,00	1,20	1,40	1,60	1,80	2,10	2,30
L1	0,21	0,23	0,25	0,27	0,30	0,33	0,36	0,40	0,45	0,53	0,58

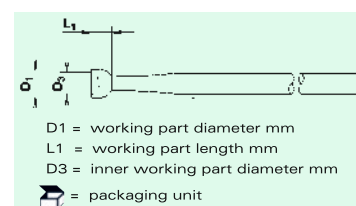


BUSCH 36*	006	007	008	009	010	012	014	016	018	021	023
D1	0,60	0,70	0,80	0,90	1,00	1,20	1,40	1,60	1,80	2,10	2,30
L1	3,00	3,30	3,60	3,90	4,20	4,50	4,80	5,10	5,40	5,70	6,00

Cone



BUSCH 38*	006	007	008	009	010	011	012	013	014	015	016	018	021	023
D1	0,60	0,70	0,80	0,90	1,00	1,10	1,20	1,30	1,40	1,50	1,60	1,80	2,10	2,30
L1	3,00	3,30	3,60	3,90	4,20	4,40	4,50	4,60	4,80	5,00	5,10	5,40	5,70	6,00
α	5,0°	5,0°	5,0°	5,0°	6,0°	6,0°	6,0°	6,0°	6,0°	6,0°	6,0°	6,0°	6,0°	6,0°



* further sizes also available

Pointed



BUSCH 5*	010	012	014	016	018
D1	1,00	1,20	1,40	1,60	1,80
L1	1,30	1,56	1,82	2,08	2,34
α	42,0°	42,0°	42,0°	42,0°	42,0°

Bud



BUSCH 6*	010	012	014	016	018
D1	1,00	1,20	1,40	1,60	1,80
L1	1,60	1,92	2,24	2,56	2,88

Cone



BUSCH 23*	007	008	009	010	012	014	016
D1	0,70	0,80	0,90	1,00	1,20	1,40	1,60
L1	3,30	3,60	3,90	4,20	4,50	4,80	5,10
α	5,0°	5,0°	5,0°	6,0°	6,0°	6,0°	6,0°

Flame



BUSCH 194	010	012
D1	1,00	1,20
L1	7,50	8,00

Lens



BUSCH 415*	010	011	012	013	014	015
D1	1,00	1,00	1,20	1,30	1,40	1,50
L1	0,26	0,29	0,31	0,35	0,36	0,38
α	55°	55°	55°	55°	55°	55°

Carbide saws



BUSCH 231	023	F 023	FL 023	FXL 023	FXXL 023
D1	2,3	2,30	2,30	2,30	2,30
L1	0,1	0,2	0,3	0,4	0,8

Steel saws



BUSCH 231	023	040	050	060	100
D1	2,30	4,00	5,00	6,00	10,0
L1	0,40	0,40	0,50	0,50	0,60

Steel saws



BUSCH 45	010
D1	2,3
L1	0,15

Stone setting bur

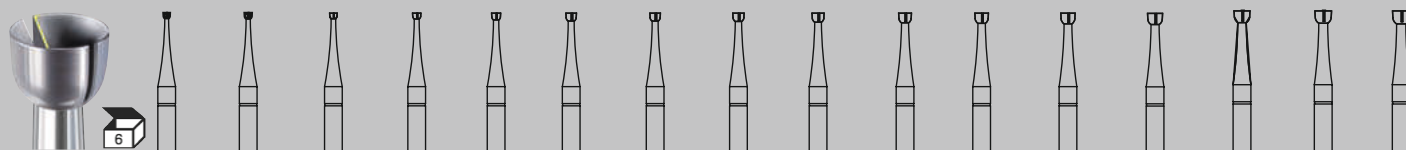


BUSCH 413*	1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75
D1	1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75
L1	0,90	1,12	1,35	1,57	1,80	2,02	2,25	2,47
α	90°	90°	90°	90°	90°	90°	90°	90°

* further sizes also available

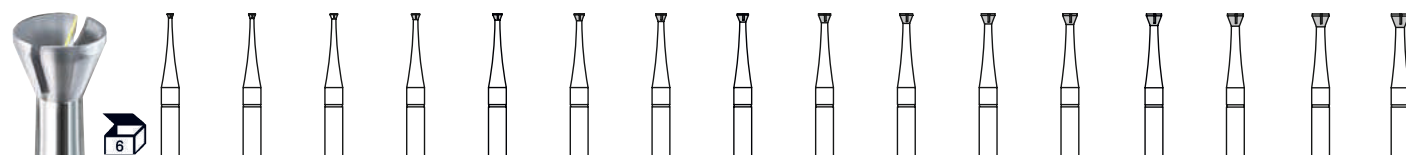
Cup bur 411T TWINCUT

The concave cutter with outstanding TWINCUT blade geometry for quick and precise working. The TOP tool for your chatons.



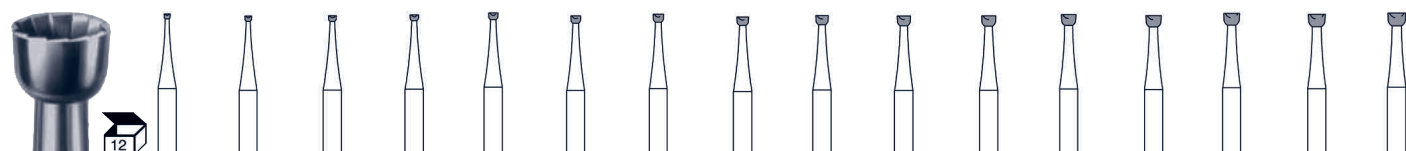
BUSCH 411T	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023
D1	0,80	0,90	1,00	1,10	1,20	1,30	1,40	1,50	1,60	1,70	1,80	1,90	2,00	2,10	2,20	2,30
D3	0,65	0,75	0,85	0,95	1,04	1,14	1,24	1,34	1,43	1,53	1,62	1,72	1,81	1,91	2,01	2,10
L1	0,65	0,70	0,75	0,78	0,90	0,98	1,05	1,10	1,20	1,28	1,35	1,42	1,48	1,55	1,63	1,72

Cup bur 411CT TWINCUT



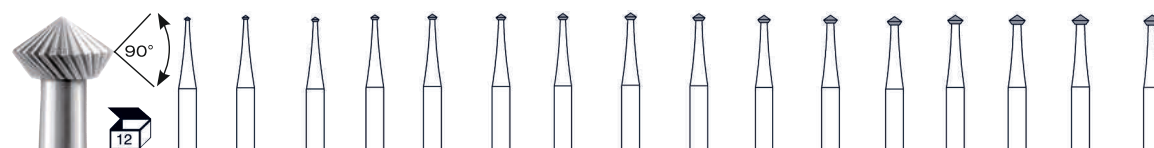
BUSCH 411CT	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023
D1	0,80	0,90	1,00	1,10	1,20	1,30	1,40	1,50	1,60	1,70	1,80	1,90	2,00	2,10	2,20	2,30
D3	0,65	0,75	0,85	0,95	1,04	1,14	1,24	1,34	1,43	1,53	1,62	1,72	1,81	1,91	2,01	2,10
L1	0,49	0,57	0,64	0,72	0,79	0,87	0,96	1,05	1,13	1,21	1,29	1,37	1,45	1,54	1,60	1,69

Cup bur



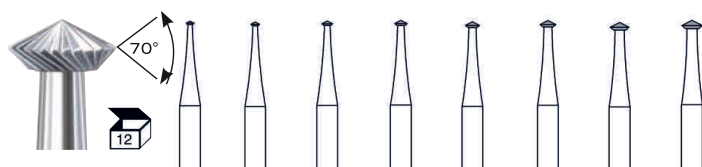
BUSCH 411*	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023
D1	0,80	0,90	1,00	1,10	1,20	1,30	1,40	1,50	1,60	1,70	1,80	1,90	2,00	2,10	2,20	2,30
D3	0,56	0,63	0,72	0,80	0,88	0,96	1,05	1,15	1,25	1,33	1,40	1,48	1,55	1,65	1,75	1,85
L1	0,65	0,70	0,75	0,78	0,90	0,98	1,05	1,10	1,20	1,28	1,35	1,42	1,48	1,55	1,62	1,70

Bearing cutter



BUSCH 414*	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023
D1	0,80	0,90	1,00	1,10	1,20	1,30	1,40	1,50	1,60	1,70	1,80	1,90	2,00	2,10	2,20	2,30
L1	0,46	0,52	0,58	0,64	0,69	0,76	0,81	0,88	0,93	0,99	1,04	1,11	1,16	1,24	1,29	1,34
α	90°	90°	90°	90°	90°	90°	90°	90°	90°	90°	90°	90°	90°	90°	90°	90°

Bearing cutter, flat



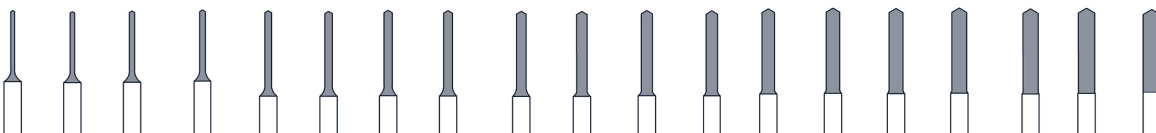
BUSCH 446*	009	010	012	014	016	018	021	023
D1	0,90	1,00	1,20	1,40	1,60	1,80	2,10	2,30
L1	0,39	0,43	0,51	0,59	0,68	0,76	0,89	0,97
α	70°	70°	70°	70°	70°	70°	70°	70°

* further sizes also available



Twist drill

Range of application: gold, silver

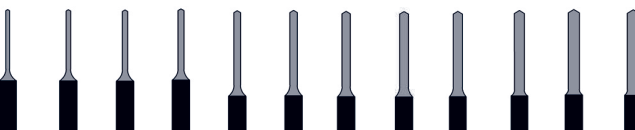


BUSCH 203	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023
D1	0,50	0,60	0,70	0,80	0,90	1,00	1,10	1,20	1,30	1,40	1,50	1,60	1,70	1,80	1,90	2,00	2,10	2,20	2,30
L1	10,0	10,0	10,0	10,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0



HSS twist drill

Range of application: hard metal alloys, gold, silver

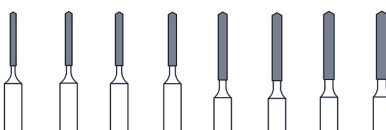


BUSCH 203HSS	005	006	007	008	009	010	011	012	013	014	015	016
D1	0,50	0,60	0,70	0,80	0,90	1,00	1,10	1,20	1,30	1,40	1,50	1,60
L1	10,0	10,0	10,0	10,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0



Diamond coated twist drill

Range of application:
glass, jewellery stones



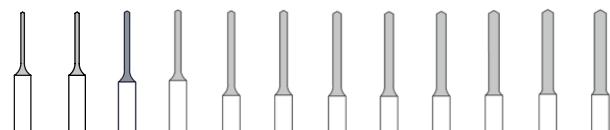
BUSCH 8203	008	009	010	011	012	013	014	015
D1	0,80	0,90	1,00	1,10	1,20	1,30	1,40	1,50
L1	10,0	10,0	10,0	10,0	12,0	12,0	12,0	12,0

CARBIDE



Carbide twist drill

Range of application:
steel, platinum, titanium, hard metal alloys, gold, silver

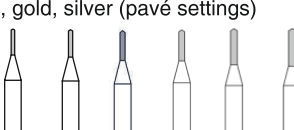


BUSCH 4203S	005	006	007	008	009	010	011	012	013	014	015	016
D1	0,60	0,70	0,70	0,80	0,90	1,00	1,10	1,20	1,30	1,40	1,50	1,60
L1	9,0	9,0	10,0	10,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0



Carbide twist drill

Range of application: steel,
platinum, titanium, hard metal
alloys, gold, silver (pavé settings)

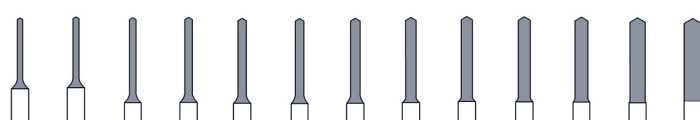


BUSCH 4205S	005	006	007	008	009	010
D1	0,50	0,60	0,70	0,80	0,90	1,00
L1	3,7	3,9	7,50	7,50	8,0	8,0



Carbide twist drill

Range of application: corals, pearls



BUSCH 4203	007	008	009	010	011	012	013	014	015	016	018	021	023
D1	0,70	0,80	0,90	1,00	1,10	1,20	1,30	1,40	1,50	1,60	1,80	2,1	2,30
L1	10,0	10,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0



BUSCH RR431M	060	BUSCH RR431F	060
D1	6,00	D1	6,00
L1	13,0	L1	13,0

BURS & CARBIDE CUTTERS

AU-Version, the new power cut made of durable carbide for efficient working on harder gold and silver, alloys, platinum, titanium as well as jewelry steel.

Carbide cutters - AU-Version

BUSCH 1Z-AU	002	003	004
D1	0,2	0,3	0,4
L1	0,4	0,6	0,8

Carbide STARLIGHT-polishers

High polish for platinum and gold.



BUSCH 550	060
D1	6,00
L1	5,50



BUSCH 552	023
D1	2,30
L1	4,00



BUSCH 553	023
D1	2,30
L1	6,50



BUSCH 554	060
D1	6,00
L1	13,0



BUSCH 1AU	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	025	027	029	030	031
D1	0,30	0,40	0,50	0,60	0,70	0,80	0,90	1,00	1,10	1,20	1,30	1,40	1,50	1,60	1,70	1,80	1,90	2,00	2,10	2,20	2,30	2,50	2,70	2,90	3,00	3,10



BUSCH 414AU	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023
D1	0,70	0,80	0,90	1,00	1,10	1,20	1,30	1,40	1,50	1,60	1,70	1,80	1,90	2,00	2,10	2,20	2,30
L1	0,41	0,46	0,52	0,58	0,64	0,69	0,76	0,81	0,88	0,93	0,99	1,04	1,11	1,16	1,24	1,29	1,34
α	90°	90°	90°	90°	90°	90°	90°	90°	90°	90°	90°	90°	90°	90°	90°	90°	90°



BUSCH 446AU	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	BUSCH 38AU	006	007	008	009	010
D1	0,90	1,00	1,10	1,20	1,30	1,40	1,50	1,60	1,70	1,80	1,90	2,00	2,10	2,20	2,30	D1	0,60	0,70	0,80	0,90	1,00
L1	0,39	0,43	0,47	0,51	0,55	0,59	0,64	0,68	0,72	0,76	0,80	0,84	0,89	0,93	0,97	L1	3,0	3,3	3,5	4,0	4,0
α	70°	70°	70°	70°	70°	70°	70°	70°	70°	70°	70°	70°	70°	70°	70°	α	4,8	4,7	4,9	4,3	4,3

Carbide cutters - SPEED

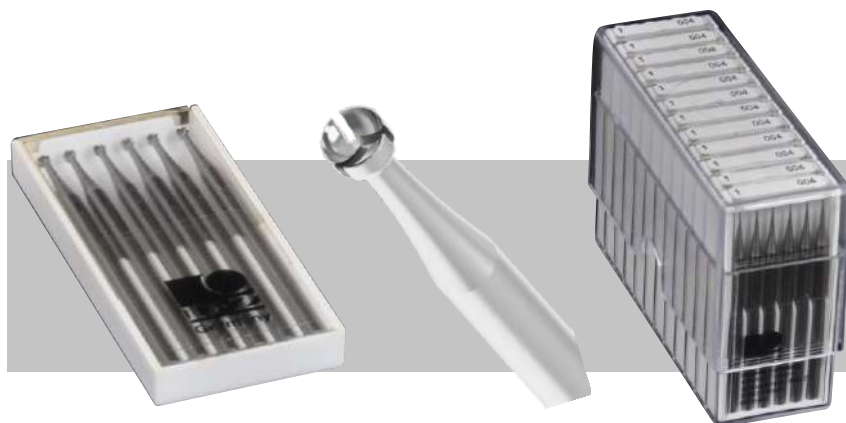


BUSCH T426SPEED	060	BUSCH T429SPEED	060	BUSCH T431SPEED	031	065	BUSCH T434SPEED	050
D1	6,00	D1	6,00	D1	3,10	6,50	D1	5,00
L1	13,0	L1	13,0	L1	7,0	13,0	L1	13,0

The carbide cutter range SPEED is suitable for all usual precious metal alloys for cutting and contouring of the insides of rings, e.g. after soldering settings.

In the scope of the coating technique you can also clean burs. The TiN coating optimizes the service life of the cutter.

STEEL BURS FOR JEWELLERY



Special hardened
and tempered steel
for rotary tools
- Made in Germany.

shape	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021
1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
shape	022	023	024	025	026	027	028	029	030	031	033	035	037	040	042	045	047	050	055
1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

shape	009	010	012	014	016	018	021	023	025	027	029	031							
5	X	X	X	X	X	X	X	X	X	X	X	X							

shape	006	007	008	009	010	012	014	016	018	021	023	025	027						
36	X	X	X	X	X	X	X	X	X	X	X	X	X						

shape	005	006	007	008	009	010	011	012	013	014	015	016	018	021	023	025			
38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			

shape	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	
194					X		X												

shape	005	006	007	008	009	010	011	012	013	014	015	016	017	018	021	023			
203	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			

shape	008	009	010	011	012	013	014	015	016	017	018	021	023	025	027	029			
411	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			

shape	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021
414			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
shape	022	023	024	025	026	027	028	029	030	031	033	035	037	040	042	045	047	050	
414		X		X		X		X	X	X	X	X	X	X	X	X	X	X	

shape	007	008	009	010	011	012	013	014	015	016	017	018	019	020					
256 Y	X	X	X	X	X	X	X	X	X	X	X	X	X	X					

shape	000	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020
Beading Tool	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X



SR-30-FCT

Foredom's most famous unit in a complete package inclusive of 1/10 hp motor 39" Flexible Shaft. CFL or FCT rheostat and # 30 hand piece. 18000 RPM

Fa2

Economical foredom motor from foredom in asia. 20000 RPM like CC motorSet comes with Hand piece and FCT rheostat.

Hp15

Precision hammer hand piece and is used by jewelers at low speed (500I For stone setting and decorative purpose.

HP 30

Most popular hand piece for multi purpose use, lubricated ball bearing requiring nomaintenance complete with chuck key

Foredom Flex Shaft Spares

Description	For Flex Shafts	Code
A Inner Shaft	CC,S/SR	MRM FMOU ISH
B Outer Sheath	CC,S/SR	MRM FMOU OSH



PNEUMATIC SYSTEMS POWER SOLUTIONS

ENSET® COMPACT

- Operating gravers, beading tools, hammer tips, chisels and millgrain tools.
- Working from a single hit to an adjustable frequency from 60 to 1500 hits/min.
- Minimal air use while working: 0.02 l/min at max 3 bar
- Enset® foot pedal offers precise control on air pulses per minute, while cutting.



HANDPIECES

EnSet® WH Handpiece



A versatile handpiece to assist engraving, stone setting, hammering, beading and other creative artistic applications.

POWER TOOLS



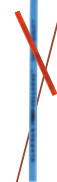
HSS GRAVER



CARBIDE GRAVERS



FILES



CERAMIC FIBRE FILES



CHICAGO PNEUMATIC AIR SCRIBE 936I HP

- Constructed of premium components
- Easy handling and Comfortable use
- Adjustable power for a variety of applications and materials such as: metals, plastics, ceramics, and glass
- Convertible into a light scaler
- Highest durability in the market
- Hose 8ft (2.4 m) length with air filter
- Convertible to a hammer or a light scaler
- Lightweight for easy operation

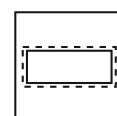
VALLORBE NEEDLE FILES



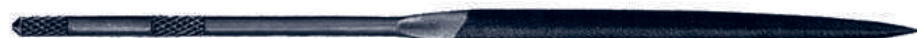
Ref.	Cut	L=mm	A x B mm
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LA2401-160	4	160	5.4 x 1.1
LA2401-180	4	180	6.0 x 1.3
LA2401-200	4	200	6.5 x 1.3



LA 2401
Pillar



LA2402-160	4	160	5.6 x 1.7
LA2402-180	4	180	5.9 x 2.0
LA2402-200	4	200	6.3 x 2.0
LA2402-200	2	200	6.3 x 2.0



LA 2402
Halfround



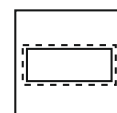
LA2403-160	4	160	5.1 x 2.0
LA2403-180	4	180	5.8 x 2.2
LA2403-200	4	200	6.0 x 2.4



LA 2403
Crossing



LA2406-160	4	160	5.4 x 1.2
LA2406-180	4	180	6.0 x 1.2
LA2406-200	4	200	6.5 x 1.4



LA 2406
Warding



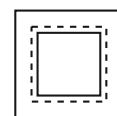
LA2407-160	4	160	A = 3.8
LA2407-180	4	180	A = 4.2
LA2407-200	4	200	A = 4.4
LA2407-200	2	200	A = 4.4



LA 2407
Three Square



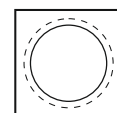
LA2408-160	4	160	A = 2.4
LA2408-180	4	180	A = 2.6
LA2408-200	4	200	A = 2.8



LA 2408
Square



LA2410-160	4	160	A = 2.9
LA2410-180	4	180	A = 3.2
LA2410-200	4	200	A = 3.5



LA 2410
Round

VALLORBE PRECISION FILES



Ref. Cut L=mm A x B mm



LP1566
Halfround Slim



LP1566-6- 4 6/150 12.7 x 3.5



LP1163
Pottance or Hard



LP1163-6- 4 6/150 18.5 x 0



LP1560
Ordinary Halfround



LP1560-6- 4 6/150 15.3x4.7



LP1360
Triangle



LP 1360-6- 4 6/150 5.8 x 0.0



LP1136
Pillar Checking (Lining Files)



LP1136 0/1/2 6/150 12.4 x 4.5

VALLORBE GRAVERS

LO 0401
Flat Edge



A=1/10 mm(Size) 2 4 6 8 10 12 14

LO0401/HSS • • • • • • •

LO 0403
Onglette



N o (Size) 0 1 2 3 4 5 6 7 8

A=1/10 mm 1.58 1.78 1.94 2.16 2.54 2.74 2.94 3.14 3.36

LO0403/HSS • • • • • • • •

LO 0402
Round Edge



A=1/10 mm(Size) 2 4 6 8 10 12 14

LO0402/HSS • • • • • • •

LO 0406
Knife



A=1/10 mm(Size) 18 20 22 24

LO0406/HSS • • • •

VALLORBE BEADING TOOLS

Features



- Swiss Made
- High-quality steel
- Exceptional hardness of 64-66 Hrc
- Wide range of sizes : from 00 to 22
- Long service life
- Consistent quality
- Reliability

PIKE SAW BLADES

N	Thickness		Width		Number of teeth	
	inch	mm	inch	mm	inch	cm
8/0	.006	0,16	.013	0,32	96	38,5
6/0	.007	0,18	.014	0,36	80	32
5/0	.008	0,20	.016	0,40	70	28
4/0	.009	0,22	.017	0,44	64	26,5
3/0	.010	0,24	.019	0,48	59	23,5
2/0	.010	0,26	.021	0,52	55	22



POLISHING ACCESSORIES

AMERICAN POLISHING COMPOUND

Red Rouge



Premium water soluble rouge for general work on Gold & Silver. Available in bars of 1lb and 1/4 lb.

Green Rouge



It produces a high lustre on chrome, stainless steel, silver, platinum, white gold. Available in 1lb & 1/4 lb

Grey Star Classic



Premium dry compound for removing deep scratches, yet leaves a uniform quantity. 1LbS bar

Grey Star WS



Same as Grey Star and having added advantage of being water soluble. Available in 13.5 Ounce bar

White Lustre 4XXXX



An excellent medium dry "cut and colour" composition for large parts Available in 12 oz bar

White Lustre 3XXX



Less aggressive than 4X compound. Available in 12 oz bar.

White Lustre



Cutting compound for platinum. Removes scratches. Available in 1 lb bar

Tripoli Compound



Standard Brown compound for cutting and removing scratches from gold & silver.

Bobbing Compound



Fast cutting compounds for soft metals such as gold, silver. Often used in place of tripoli Available in 11 OZ

Canning Lustre



Pre-polishing composition to achieve a high quality finish on all jewellery. Parts are easily cleaned prior to plating or lacquering.

DIALUX



RED (140gms)super finishing composition for gold.
BLUE(140gms)Super finishing composition for all metals.
GREEN(140gms)Super finishing composition for hard metals.
WHITE(140gms)Super finishing composition for all metals.

JAPANESE POLISHING COMPOUND

NW Platinum Series



The finest compounds for ultra bright finishing of platinum. NW series are manufactured under strict quality control.

Model No.	Weight	Application
800	400gm	First cut
1000	400gm	First cut
1500	400gm	Medium cut
8000	250gm	Super shine

POLISHING HAIR BRUSHES

Unmounted Bristle Brushes: Diameter 3/4"



Soft



Medium

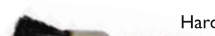


Hard

End Bristle Brushes: Length 1/2"



Soft



Hard

Wood Hub Chung King Bristle Brushes

Type	Trim Lt.	Row of Bristles	Hub Dia
1C	3/8"	1	2 5/8"
2C	3/8"	2	2 5/8"



STRONG MICRO MOTORS

Strong 210/105L



Compact Design
Ergonomic Design
Vertical / Horizontal
Placement



RPM : MAX 35,000 rpm
Torque : 270 gf.cm with 105L
Input : 100, 110/320, 240V (50/60Hz.)
Output : DCO-32V
Weight : Control box 1.2 kg

Handpiece 190g (Without Cord), Right & Left turning ability, Foot speed control, Foot speed pedal & Foot on / off pedal option

STRONG MICRO MOTORS

Strong 204 - B



Basic model, Mini-compact design
Less-vibration standard carbon
brush motor
RPM : MAX 35,000 rpm
Torque : 280 gf.cm
Input : 100V, 110V, 220-230~,
240V(50/60Hz)
Output : DC0-32V
Weight : Control box 1.7 kg

Handpiece, 200g (STROMG102L), Right & Left turning ability, Non stage speed system, Foot On/off control.



102L

Hand Pieces

HP NO.	RPM	WEIGHT	Dimension				
			L	LI	L2	D	DI
102 L	35,000	200 g	150	77	73	29	17
107 L	35000	232 L	159	74	85	28	19

ETHERNA SILICON POLISHERS

Etherna Silicon Polishers



Pin polishers for non precious
metals and gold, ideal for areas
with difficult access

RPM : 10000 - Max 15000 Min

Pack : 10100 pieces

*100-Pack. including one mandrel



Item : _____

Item No.: _____

Sizes (mm): _____

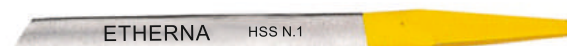
Grit: _____

Bond: _____

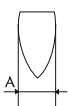
ISO-No.: 653 000 114 525 020	ISO-No.: 653 000 114 534 020	ISO-No.: 653 000 114 523 020	ISO-No.: 653 000 114 513 020	ISO-No.: 653 000 114 503 020	ISO-No.: 653 000 114 494 020
42	52	62	72	82	92
14042	14052	14062	14072	14082	14092
2 X 20					
Medium	Coarse	Medium	Fine	x-Fine	xx-Fine
x-Hard	Hard	Medium	Medium	Medium	Medium

Etherna Graver

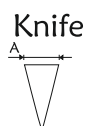
Stone setters, diesinkers, jewellers, silversmiths and watchmakers especially use these gravers.



Onglette



USA	0	1	2	3	4
Europe	0	1	2	3	4
Thickness	1,58	1,78	1,94	2,16	2,54



USA	0	1	2	3	4
Europe	18	20	22	24	26
Thickness	1,8	2	2,2	2,4	2,6

Flat



USA	36	37	38	39	40	41	42	43	44	45	46	47	48	49
Europe	2	4	6	8	10	12	14	16	18	20	22	24	26	28
Thickness	0,2	0,4	0,6	0,8	1	1,2	1,4	1,6	1,8	2	2,2	2,4	2,6	2,8

Round



USA	50	51	52	53	54	55	56	57	58	59	60	61	62	63
Europe	2	4	6	8	10	12	14	16	18	20	22	24	26	28
Thickness	0,2	0,4	0,6	0,8	1	1,2	1,4	1,6	1,8	2	2,2	2,4	2,6	2,8

Etherna Beading Tool

Size	00	01	02	03	04	05	06	07
	08	09	10	11	12	13	14	15



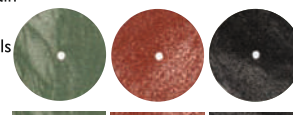
Etherna Luster

Produces very high luster finish on all metals and plastics, removes light scratches, and leaves a bright mirror finish.

MADE IN GERMANY



Code No.	Colour	Abrasive	Characteristics
Square Edge Wheels (5/8" x 1/16")			
721	White Flex	Aluminium Oxide	Flexible/soft/but wear resistant - ideal for super polishing
Square Edge Wheels (7/8" x 1/8")			
722	White Flex	Aluminium Oxide	Flexible/soft/but wear resistant - ideal for super polishing
Square Edge Wheels (7/8" x 1/8")			
723	Red Flex (FINE)	Silicon Carbide	Excellent for super finishing of precious metals and porcelain
724	Green (MEDIUM)	Silicon Carbide	Perfect for fast removal and polishing of all metals
726	Blue (FINE)	Silicon Carbide	superior finishing wheel for semi precious and plated metals
729	Grey (EXT,FINE)	Silicon Carbide	Popular for brilliant finishing
730	Blue Magician	Silicon Carbide	Ideal for detail/Super polish
731	Red	Silicon Carbide	Excellent fine finisher extra long wear
Knife Edge Wheel (5/8")			
732	Red Flex (FINE)	Silicon Carbide	Flexible/Durable fine polishing on precious metals
751	Green (MEDIUM)	Silicon Carbide	Multi-purpose polishing/finishing Knife Edge Wheel 7/8"
736	White Flex	Aluminum Oxide	Wear resistant ideal for super polishing
752	Green (MEDIUM)	Aluminum Oxide	The standard for polishing and blemish removal on precious metals.
Sharpening Discs (15/16 X 0.25)			
8021	Red Disc	Aluminum Oxide	Ceramic coated for improved cutting action of all metals
8022	Brown Disc	Aluminum Oxide	NON-Coated for traditional cutting action of all metals
Etherna Cut Off Wheels			
900	1-1/4 x .062	Aluminum Oxide	Brightboy Abrasive Cut Off Wheel are produced to the strictest industry quality standards. Brightboy Cut Off Wheels are ideal for precision detail work.
910	1-1/2 x .025	Aluminum Oxide	
915	1-1/2 x .040	Aluminum Oxide	



COLD ENAMELS: ENALOR

ENALOR are a series of cold enamels with high technical grade because obtained using exclusively high quality epoxy resins that, once hardened they can be post-workable or rather, they can be polished/lapped or laser marked. The ENALOR enamels even if considered "cold type", in order to become hard, as well as the dedicated catalyst in relation to the desired application, they require a baking in a ventilated oven with precise temperature control.

ENALOR 100



ENALOR 200



ENALOR 300





AURICOR 100 series

GOLD FLASH PLATING SOLUTIONS FOR BATH

- AURICOR 101N (plating sol. 1N-14Kt ;Au 0.8g/l)
- AURICOR 102N (plating sol. 2N-18Kt ;Au 0.8g/l)
- AURICOR 103N (plating sol. 3N ;Au 0.8g/l)
- AURICOR 124 (plating sol. 24Kt ;Au 0.8g/l)
- AURICOR 104N (plating sol. 4N ;Au 0.8g/l)
- AURICOR 105N (plating sol. 5N ;Au 0.8g/l)
- AURICOR 106N (plating sol 6N ;Au 0.8g/l)



AURICOR 400 series

FASHION FLASH BATH COLOUR PLATING SOLUTIONS (Ready to use)

- AURICOR 401 (Green gold ; Au 1.0 g/l)
- AURICOR 402 (Champagne gold ; Au 0.5 g/l)
- AURICOR 404 (Hamilton gold;Au 1.0 g/l)
- AURICOR 406 (Brown gold ; Au 1.0 g/l)



AURICOR 300 series

GOLD FOR PEN PLATING (Ready to use)

- AURICOR 301N (pen plating ; Au 1.0 g/100ml)
- AURICOR 302N (pen plating ; Au 1.0 g/100ml)
- AURICOR 324 (pen plating ; Au 1.0 g/100ml)
- AURICOR 303N (pen plating;Au 1.0 g/100ml)
- AURICOR 306N (pen plating;Au 0.3 g/100ml)



RODINOR 100 series

WHITE RHODIUM FOR PLATING BATH

- RODINOR 110 rhodium concentrated for bath(2g/200ml) Very high Brightness
- RODINOR 115R replenisher for Rodinor 110(5g/200ml) For Industrial Plants
- RODINOR 402 rhodium plating solution ready to use (Rh 2g/l) Blue
- RODINOR 111 rhodium concentrated for bath (1g/100ml)
- RODINOR 202 rhodium plating solution ready to use (Rh 2g/l) Black
- RODINOR 150 rhodium plating solution ready to use (Rh 2g/l) Super White



RODINOR 300 series

RHODIUM FOR PEN PLATING

- RODINOR 320 white rhodium for pen planting ready to use (1hm/50ml, 0.5gm/25ml)
- RODINOR 322 black rhodium for pen plating ready to use (2g/100ml)
- RODINOR 323 blue rhodium for pen plating ready to use (1g/100ml)
- RODINOR 352 super white rhodium solution for pen plating (1gm/50ml)



Other Precious Metal Plating Solution

- PALLADOR 102 (palladium plating bath ready to use 2 g/l)
- RUTENOR 205C (black ruthenium for bath concentrated 5 g/300ml)
- PLATINOR 104 (white platinum plating bath ready to use 4 g/l)
- WHITNER (white platinum / Ru platin bath ready to use 2g/l)



ADDITIVES & CLEANERS

CLEANOR 101P: Electro cleaning powder for degreasing articles before plating

CLEANOR 201P: Degreasing powder for ultrasonics

PROTECOR 201 : Concentrated solution 100 ml packaging nano coating protection

PROTECOR 200S : Conducting salts for electrolytic tarnish protection to be used with protector 201

AURICOR 406 RA: Darkening additive for brown gold solutions



ANODES FROM BERKEM

PLATIFUSION Special Insoluble Anodes to meet the needs of efficiency and optimization of the production processes based on precious metals for silversmith, goldsmith, high jewellery and fashion accessories sectors.

Platifusion - 10 X 8 cm
Platifusion - 10 X 3.5 cm



BERKEM PLATING MACHINES



BERKEM GALVALINK - evo 2B

Galvanic Engine module with rectifier/20A-12V
2 tanks x 2 litres x 1 stirrer x 1 heater
Dimension : 50x32x40 cm, Weight : 15 Kg

BERKEM GALVALINK - evo 2S

Galvanic Satellite module available it can be attached to Galvalink - evo 2B



BERKEM STILOR 100

Pen plating unit with the capability to degrease in it
Dimension : 18x16x13 cm ,Weight : 1,2 Kg



BERKEM POWER 202RP

Digital rectifier for cataphoretic lacquer
40V-2A programmable
Dimension : 15x21x9 h cm ,Weight : 2 Kg



BERKEM POWER 210 RP

Digital rectifier for precious metal plating
12V-10A programmable
Dimension : 15x21x9 h cm ,Weight : 2 Kg

DOSING MACHINE KIT FOR ENAMELS WITH VACUUM CHAMBER



Intercept Non Abrasive Anti - Tarnish Tabs



Size 1" x 1"

- Provides protection from tarnish for up to 12 months
- Does not leave deposits on items it protects
- Non -toxic, non-abrasive, and will not scratch or harm metals or gemstones

ABRASIVES

Sand Paper

S/A :- Available in sheets sizes of 9" x 11" of grit :-
0.2/0.3/0.4/0.6/0.8



Pen Plating Tips

Description	Color
Fine Tip Soft Grade	White
Double End Fine, Long and Bullet Tip	White
Double End - Square Bevel Tip	Brown

Pens

Pen plating pens are available having a platinum wire for better plating results.



MICROSCOPES ZQ1



Chinese good quality, economical microscope.
This lens has a movement option for ease of user.



ZQ3

Chinese good quality, economical microscope.
Which is a best seller and favorite amongst users .



10002 Engraving Block



10003 Engraving Block



10004 Engraving Block



10014 Light

OPTIVISOR

OptiVISOR is a precision binocular headband magnifier which permits unrestricted user efficiency while reducing eye strain—leaves both hands free and allows three dimensional vision.



Specifications

Item No.	Focal Length	Magnification
DA-2	20"	1.5 times
DA-3 / LX3	14"	1.75 times
DA-4 / LX4	10"	2 times
DA-5 / LX5	8"	2.5 times
DA-7 / LX7	6"	2.75 times
DA-10	4"	3.5 times

OPTILOUPE

The OptiLOUPE is an attachable lens that adds additional 2.5 times magnification power of an Eye Loupe to the OptiVISOR. Easily attaches to either eye of any OptiVISOR or OptiVISOR LX



VISOR LIGHT

Specifications:

Hands-free light , Xenon laser beam bulb, 6000 candle power
Four to five hours battery life (continuous use)
Model LT-06: 10" cord , Model LT-42: 42" cord
Operates on two AA batteries (not included)



OPTISIGHT VISOR

Specifications:

Precision optical grade Acrylic Prismatic Lens
Included are three different interchangeable lens plates that are simple to change (3 times, 4 times, and 5 times magnification). Also available, 7 times magnification (LE-7).
Visor design shields out unwanted glare , High strength plastic will not break .



Hemnav Ventures Pvt. Ltd.

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