

HEMNAV

Bringing you the best.

JEWELLERY CATALOGUE

21

WELCOME



HEMANT JAIN
FOUNDER &
MANAGING DIRECTOR

Welcome To Hemnav Ventures Pvt. Ltd.

A warm welcome to the company of trust & quality. We provide jewellery making tools, consumables and machinery. Our company is owned by Mr. Hemant Jain. He has extensive knowledge of jewellery equipments and tools which are handled by the industry. We travel all over the globe to get the best to the Indian market. We have 9 branches in India. We have 50+ employees all over the country and are known for manufacturing, sales, marketing, service and support. We have the expertise to service this industry.

Our Partnership With Global Players in New Age Business



Exclusive Partnership with:



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GRAPHITE CRUCIBLE FOR MELTING/CASTING

Different Grades of Graphite Crucible

1003	High Density Graphite Crucible
1005	Similar to 1003 grade but cheaper by 40%
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	165
1/2 Kg Standard	900	57	126
1/4 Kg Standard	250	56	100
Metro	1000	65	130
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
1000	65	65
1250	65	75
1500	75	75
2000	70	90
2000	75	100



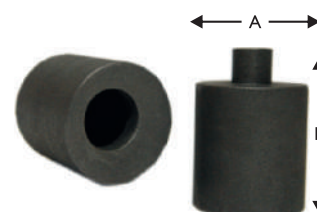
INDUCTION FURNACE GRAPHITE CRUCIBLE WITH CERAMIC ENVELOPE

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
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



CENTRIFUGAL CASTING GRAPHITE CRUCIBLE

Capacity(gms)	A (mm)	B (mm)
200	65	90
400	65	100



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 $\phi 11.7 \times 174$



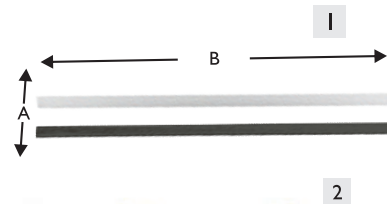
Name Schultheiss
Crucible $\phi 76 \times 130$
Stopper Rod $\phi 14 \times 165$
Graining $\phi 76 \times 130$



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

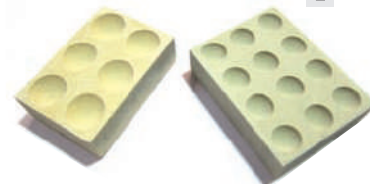
STIRRING ROD IN CARBON & QUARTZ

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



CUELS

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



PLATINUM CASTING, MELTING CRUCIBLES & CERAMIC OUTERS FOR INDUCTION CASTING



Indutherm Machine



Casting Crucible for Yasui Machine



Galloni Crucible



Platinum Crucible for Galloni Machine



Ceramic Outer for Yasui Machine



Ceramic Outer for Yasui K2/K3



Ceramic Outer for Yasui KT 17



Schultheiss Outer



Platinum Melting Bowl (Vati)

UNITED ALLOYS

9K-14K CASTING & FABRICATION ALLOYS (YELLOW)

Code	Color	Karat	Application	Characteristics
UA 1	Rich Yellow	9-14K	Casting	High Performance & Reusability
200	Bright Yellow	9-14K	Casting	Low Silver, High Reusability
NA 200	Bright Yellow	9-14K	All Purpose	Low Silver, High Reusability
278	Greenish Yellow	9-14K	Casting	High Fluidity & Tarnish Resistant

9K-14K FABRICATION ALLOYS (YELLOW)

Code	Color	Karat	Application	Characteristics
291	Rich Yellow	9-14K	Fabrication	Reverse Heat-Treatable

18K CASTING & FABRICATION ALLOYS (YELLOW)

Code	Color	Karat	Application	Characteristics
315	Bright Yellow	18K	All Purpose	Excellent European 3N Color
720	Rich Yellow	18K	Casting	Smooth Surface, High Luster
790	Deep Yellow	18K	All Purpose	Low De-Ox, European 4N Color
792	Deep Yellow	18K	Casting	Tarnish Resistant Version of 790

18K FABRICATION ALLOYS (YELLOW)

Code	Color	Karat	Application	Characteristics
291	Rich Yellow	18K	Fabrication	Reverse Heat-Treatable

9K-18K (NICKEL & SILVER) BASED CASTING & FABRICATION ALLOYS (WHITE)

Code	Color	Karat	Application	Characteristics
907	Premium White	14-18K	Casting	Excellent Whiteness
M 930	Premium White	9-18K	Casting	High Reusability, Fluidity & Luster
974	Ultra White	9-18K	All Purpose	Low Silver, High Fluidity
982	Ultra White	9-18K	Casting	Excellent fluidity, Stone-in-Place
983	Ultra White	18K	All Purpose	High Fluidity, Stone-in-Place
RM60	Premium White	18K	Casting	High Reusability, Reusability

10K-18K FABRICATION ALLOYS (WHITE)

Code	Color	Karat	Application	Characteristics
ROM 2	Medium White	9-10K	Fabrication	Best for Ear Posts



18K-22K CASTING & FABRICATION ALLOYS (YELLOW)

Code	Color	Karat	Application	Characteristics
392	Fine Gold	18-22K	All Purpose	High Reusability, Tarnish Resistant
394	Dark Yellow	18-22K	All Purpose	Popular High Karat Production
821	Standard Yellow	20-22K	All Purpose	Grain Refined, Hard, High Luster
UA 1	Standard Yellow	20-22K	Casting	High Performance & Reusability

9K-10K (SILVER BASED) CASTING & FABRICATION ALLOYS (WHITE)

Code	Color	Karat	Application	Characteristics
980	Medium White	9-10K	Casting	Easy Workability, Soft
ROM 2	Medium White	9-10K	All Purpose	User-Friendly, Best for Ear Posts

9K-18K (NICKEL BASED) FABRICATION ALLOYS (WHITE)

Code	Color	Karat	Application	Characteristics
866	Medium White	9-18K	Fabrication	Best for Sheet, Wire & Stamping
869	Medium White	9-18K	Fabrication	Soft, User-Friendly
974	Ultra White	9-18K	Fabrication	Low Silver, Excellent Workability

9K-18K (PALLADIUM) CASTING & FABRICATION ALLOYS (WHITE)

Code	Color	Karat	Application	Characteristics
PD 1	White	9-14K	Casting	Sulphate Bonded (Regular)
PD 5	Silvery White	9-14K	All Purpose	Low PD Content
PD 5	Silvery White	9-14K	All Purpose	Low PD Content
PD20	Vanilla White	14-18K	All Purpose	Soft & Easy Workability

9K-18K CASTING & FABRICATION ALLOYS (PINK)

Code	Color	Karat	Application	Characteristics
533	Light Pink	18K	All Purpose	Grain Refined, Best Workability
534	Rose Pink	18K	All Purpose	Grain Refined, Best Workability
540	Premium Pink	9-14K	Casting	High Fluidity, For Open Melting
543	Dark Pink	9-18K	All Purpose	Low Silver, High Fluidity
548	Pink	9-18K	All Purpose	Low Silver, Enamelling

SOLDERING POWDER

GOLD, SILVER & PLATINUM SOLDER MASTER ALLOYS (CADMIUM FREE)

Code	Color	Karat	Application	Characteristics
2 SA	Yellow	8-14K	Easy	Soldering Findings & Repair
5 SA	White	8-14K	All Purpose	Nickel & Palladium Free
6 SA	White	8-14K	Easy	For Minor Repair
11 SA	Pink	14-18K	All Purpose	Light Pink or Dark Yellow
12 SA	Dark Pink	14-18K	All Purpose	For Minor & Major Repairs
30 SA	Yellow	19-22K	All Purpose	For Minor & Major Repairs
18K YSAE	Yellow	18K	All Purpose	For Minor & Major Repairs
18K WSAE	White	18K	All Purpose	For Minor & Major Repairs
SSA	Sterling Silver	925	All Purpose	For Minor & Major Repairs
Silver Madium	Sterling Silver	925	All Purpose	Like Heads & Finding
1000 C Easy	Platinum	23K	All Purpose	Repair Solder

"925" STERLING SILVER MASTER ALLOYS

Code	Color	Karat	Application	Characteristics
S 57 NA	Ultra White	925	All Purpose	Patented De-Ox, Tarnish Resistant
S 86	Ultra White	925	All Purpose	De-Ox, Tarnish Resistance, Fluidity
S 88	White	925	All Purpose	De-Ox, Tarnish Resistance, Fluidity

BRASS & BRONZE CASTING & FABRICATION ALLOYS

Code	Color	Karat	Application	Characteristics
342	Standard Yellow	Bronze	All Purpose	Hard De-Ox Brass, Bronze Model Making For Brass & Bronze Ind.
373	Vanilla White	Brass	Casting	

"925" STERLING SILVER PREMIXED ALLOY

Code	Color	Karat	Application	Characteristics
STERLIUM	Dazzling White	925	All Purpose	High for Enclosed Casting
SILVADIUM I	Prem. Metallic White	925	All Purpose	PD Based, Tarnish Resistance

10K-18K CASTING & FABRICATION ALLOYS (GREEN)

Code	Color	Karat	Application	Characteristics
575	Green	10-18K	All Purpose	Enamelling & Fabrication
ROM 2	Green	18K	All Purpose	Enamelling & Fabrication

GENERIC BRASS & BRONZE

Name	Characteristics
703	High Quality Imported Brass with 70% copper
772	High Quality Imported Brass with 77% copper

METALS

Name	Characteristics
Oxygen Free Copper	Copper in stick or wire form.
Indium	Used to produce solders in 1 kg 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.

ITALIAN SOLDERING POWDERS FOR GOLD CHAINS

Gallorini Soldering Powders

Name	Characteristics
SI03	Used to solder Gold & Metal chains
SI03AG	Used to solder light weight chains
SI03AG Super Fine	Used to solder light weight chains

Italim Pianti Soldering Powders

Name	Characteristics
BI	Used to solder chains of 14-18-22 KT
BIAG	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



CCW EasyCast HD Red is designed for precious metal applications. Its unique & special formulation allows for a clean burn-out & no ash content.



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



B9R-1-Cherry castable resin pigmented for thin slicing and sharp details. Slices from 30 µm to 50 µm on the B9Creator.



B9R-3-Emerald resin provides clean burnout enables the casting of thicker objects, and prints with readable detail to show the finest features of any design.



B9R-1-Red castable resin pigmented for thicker slicing and faster printing. Slices from 70 µm to 200 µm on the B9Creator.

resinworks 3D
new addition in our list of products

INJECTION WAX

WAX

Name	Injection Temp	Flow	Flexibility	Carvability	Shrinkage	Memory	Shelf Life	Readability	Solidification Time	Application
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FREEMAN

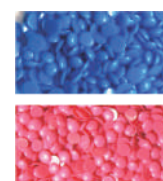
Filligree Pink	68	High	Med	Low	Low	Med	High	Med	Med	Easy Removal from Mould W/o Breakage
Turquoise Blue	65	High	Med	Low	Low	Med	High	High	Med	Best for "stone in place casting"
Aqua Green	65	High	Med	Low	Low	Med	High	High	Med	Best for "stone in place casting"
Tuf Guy Green	73	Med	High	Med	Low	Med	High	High	Med	Toughest

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

Hemnav Wax

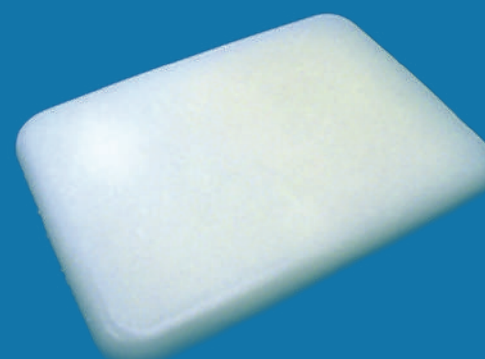
i Gold Pink	74	High	High	Med	Low	Med	High	Med	Med	Economical All Purpose Wax
i Gold Dark Blue	74	High	High	Med	Low	Med	High	Med	Med	Economical All Purpose Wax
i Silver Dark Blue	74	High	High	Med	Low	Med	High	Med	Med	Economical All Purpose Wax
Ecocast Dark Pink	68	High	Med	Med	Low	Med	Med	High	Med	Economical wax available in blocks & beads
Ecocast Dark Blue	68	High	Med	Med	Low	Med	Med	High	Med	Economical wax available in blocks & beads



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.





RANSOM & RANDOLPH

INVESTMENT POWDER

Ameri Cast



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

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.

Solitaire



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

Stone Brite Neo



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.

Astro Vest



High temperature Platinum casting & Consistent results. Quality material that enhances the beauty your craftsmen create



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

Platinite



Platinite forms a strong mold to accept high melting temperature of platinum and ferrous alloys including stainless steel.

GENERIC INVESTMENT POWDER



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



High Quality powder developed specially for Gold Casting.



Standard is developed specially for gold, silver & brass casting



iBrass investment is specially developed for brass & silver casting.



Eco-Cast powder is specially developed for brass & silver casting.



Dis-Cast investment powder is developed specially for export quality brass & silver casting.

BRP

BRITANNIA REFRACTORY PRODUCTS



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.

CARVING WAX & MOLD RUBBER

FERRIS TUBES, BLOCKS & SLICES



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



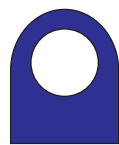
DRB-3
Round Bar
77.8mm x 103.20mm L



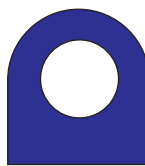
T-1062
Round Tube
(27.0D/
15.9 mm hole)



T-1062 E
Round Tube
(27.0D/
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)

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 11.8" thick

SPECIALITY WAX

Plast-o-Wax : Very high memory
and pattern life



Golden River Wax
Additive to increase fluidity



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

Castaldo Rapido :



Castaldo Rapido is a soft clay or putty-like material that is easy to work with, Castaldo Rapido produces highly detailed wax injections with an excellent shiny surface that requires less finishing. Waxes are self releasing and need no release spray or messy powder, Molds are easy to pack and cut like butter. Rubber shrinkage is only 1.4%.

INDIAN NATURAL & SILICON RUBBER

Indian Silicon Rubber

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



Silicone Spray

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



RUBBER ASSESSORIES

Mould Cutting Blade

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



Die Runner Nozzle

In sizes of 8 mm, 10 mm, 11 mm made
out of the best brass.
Finely and accurately machined.



WACKER

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.



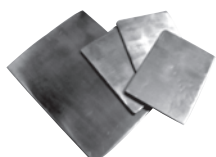
Graphite Ring Gasket

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



SS 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.



Aluminium Die for Sprue

With 1/2/3 cavity in various sizes.



Wax Solder

Best soldering iron with temperature control and separate control unit and tip



Asbestos Hand Glove

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



CASTING ACCESSORIES

CALIPER

Vernier Caliper

Japanese Digital Vernier Caliper
with very high accuracy



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

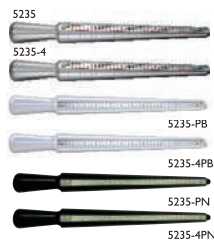
Quality & great precision for ring measurement
available in aluminum anodized, natural grey
& in pellerin high quality plastic. Length = 250
mm

5235 - 1,2,3,4 ...FR: 1-36 / L 41 - 76 mm

1,2,3,4 ...US: 1-15/ 13.0 - 24.2

5235-4 - 1,2,3,4 ...FR: 1-36 / L 41 - 76 mm

1,2,3,4 ...US: 1-15/ UK: D-Z



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.



JAPANESE SPRUE CUTTERS

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

GN200J Japanese Cutter with Improved head,
same as Gn200



3 PEAKS CUTTER

JAPANESE CUTTERS

**Cutting Capacity - 1.5mm
Hard Wire, 2.6mm Nail
Wire**

The blade section uses special
steel, sharpness, durability is
preeminent with the rational
blade attaching and complete
heat treatment. As for cutting
force, will depend upon the
adoption of the spring
mechanism. One-hand
operation is possible without
exerting excessive
force. The cutting
edge opening can
be adjusted
easily by
adjustment of
bolt according
to your need.



STEEL BURS FOR JEWELLERY














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

Box of 6 Pieces
Especially Sealed

12 Boxes of 6 Pieces

Product Range

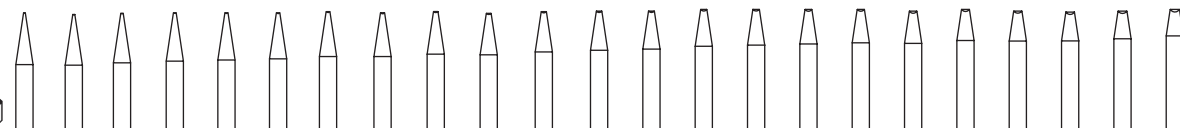
	shape	005	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022
	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Quantity																			
	5	-	-	-	-	X	X	-	X	-	X	-	X	-	X	-	-	X	-	X
	Quantity																			
	6	-	X	X	X	X	X	-	X	-	X	X	X	-	X	-	-	X	-	X
	Quantity																			
	36	-	X	X	X	X	X	-	X	-	X	-	X	-	X	-	-	X	-	X
	Quantity																			
	38	-	X	X	X	X	X	X	X	X	X	X	X	-	X	-	-	X	-	X
	Quantity																			
	194	-	-	-	-	-	X	-	X	-	-	-	-	-	-	-	-	-	-	-
	Quantity																			
	203	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Quantity																			
	411	-	-	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Quantity																			
	414	-	-	-	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Quantity																			
	415	-	-	-	-	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
	Quantity																			
	446	-	-	-	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Quantity																			

BUSCH BUR

Beading tool



100

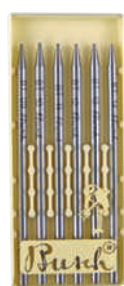


BT	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22
Ø 1/100 mm	025	030	035	040	045	050	055	060	065	070	075	080	085	090	095	100	105	110	115	120	125	130	135

Now also sets available!



BT TOOL-Set 03-08



BT TOOL-Set 09-14

With our beading tools 2.0 you will achieve even better results. Please observe the optimum formed high-gloss calotte and the filigree circumferential edge on the working part.

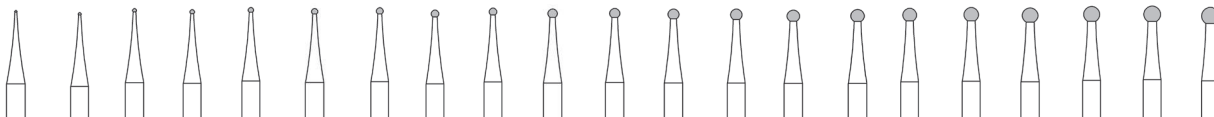


The shank can easily be shortened at the predetermined breaking point if required. The clearly legible laser marking shows our logo and the BT size.

Round



12



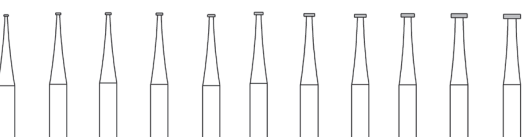
BUSCH 1*	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023
D1	0,30	0,40	0,50	0,60	0,70	0,80	0,90	1,00	1,10	1,20	1,30	1,40	1,50	1,60	1,70	1,80	1,90	2,00	2,10	2,20	2,30

Cylinder

Wheel



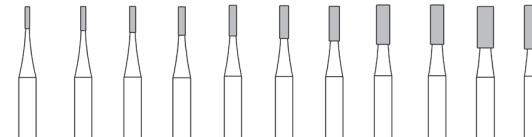
12



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



6

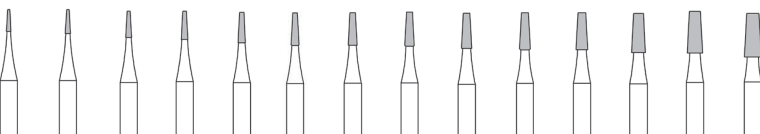


BUSCH 36*	006	007	008	009	010	012	014	016	018	021	023
D1	0,60	0,70	0,80	0,90	1,00	1,20	1,40	1,60	1,80	2,10	2,30
L1	3,00	3,30	3,60	3,90	4,20	4,50	4,80	5,10	5,40	5,70	6,00

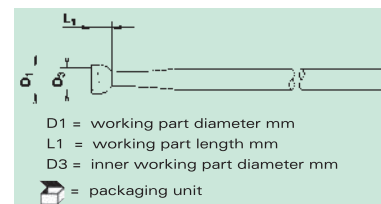
Cone



12

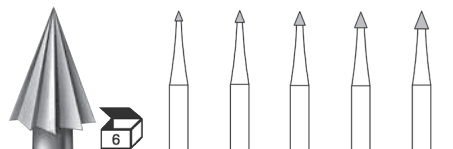


BUSCH 38*	006	007	008	009	010	011	012	013	014	015	016	018	021	023
D1	0,60	0,70	0,80	0,90	1,00	1,10	1,20	1,30	1,40	1,50	1,60	1,80	2,10	2,30
L1	3,00	3,30	3,60	3,90	4,20	4,40	4,50	4,60	4,80	5,00	5,10	5,40	5,70	6,00
α	5,0°	5,0°	5,0°	5,0°	6,0°	6,0°	6,0°	6,0°	6,0°	6,0°	6,0°	6,0°	6,0°	6,0°



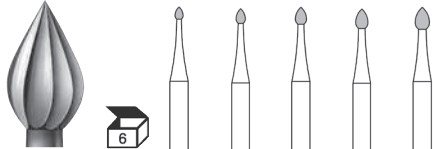
* further sizes also available

Pointed



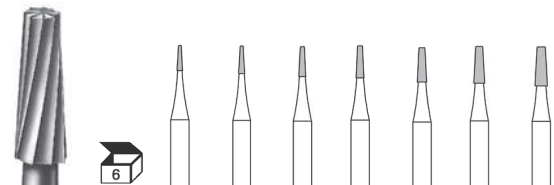
BUSCH 5*	010	012	014	016	018
D1	1,00	1,20	1,40	1,60	1,80
L1	1,30	1,56	1,82	2,08	2,34
α	42,0°	42,0°	42,0°	42,0°	42,0°

Bud



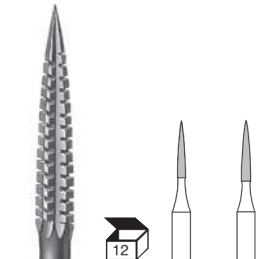
BUSCH 6*	010	012	014	016	018
D1	1,00	1,20	1,40	1,60	1,80
L1	1,60	1,92	2,24	2,56	2,88

Cone



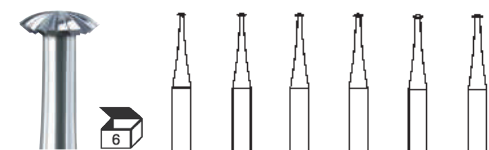
BUSCH 23*	007	008	009	010	012	014	016
D1	0,70	0,80	0,90	1,00	1,20	1,40	1,60
L1	3,30	3,60	3,90	4,20	4,50	4,80	5,10
α	5,0°	5,0°	5,0°	6,0°	6,0°	6,0°	6,0°

Flame



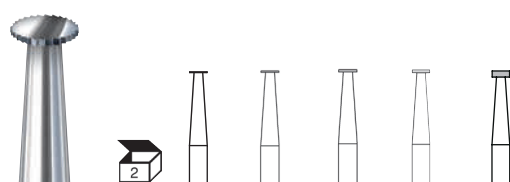
BUSCH 194	010	012
D1	1,00	1,20
L1	7,50	8,00

Lens



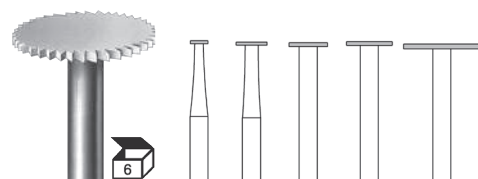
BUSCH 415*	010	011	012	013	014	015
D1	1,00	1,00	1,20	1,30	1,40	1,50
L1	0,26	0,29	0,31	0,35	0,36	0,38
α	55°	55°	55°	55°	55°	55°

Carbide saws



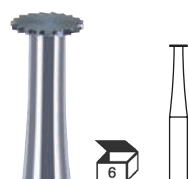
BUSCH 231	023	F 023	FL 023	FXL 023	FXXL 023
D1	2,3	2,30	2,30	2,30	2,30
L1	0,1	0,2	0,3	0,4	0,8

Steel saws



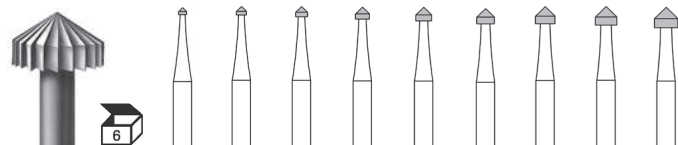
BUSCH 231	023	040	050	060	100
D1	2,30	4,00	5,00	6,00	10,0
L1	0,40	0,40	0,50	0,50	0,60

Steel saws



BUSCH 45	010
D1	2,3
L1	0,15

Stone setting bur

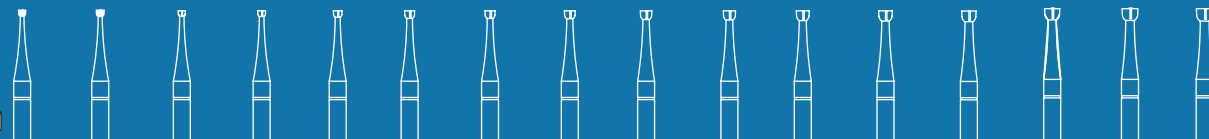


BUSCH 413*	1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00
D1	1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00
L1	0,90	1,12	1,35	1,57	1,80	2,02	2,25	2,47	2,70
α	90°	90°	90°	90°	90°	90°	90°	90°	90°

* further sizes also available

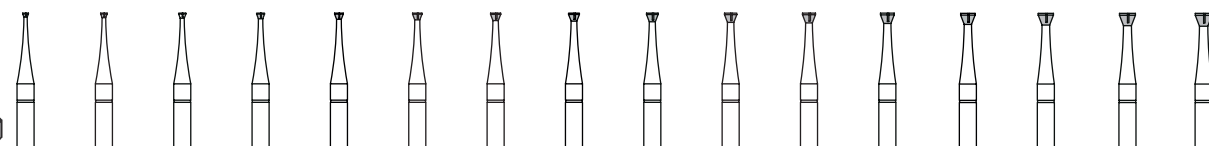
Cup bur 411T TWINCUT

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



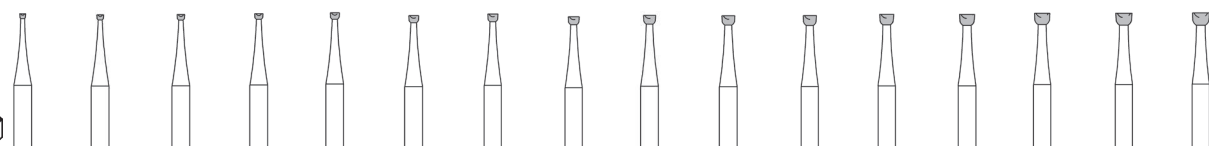
BUSCH 411T	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023
D1	0,80	0,90	1,00	1,10	1,20	1,30	1,40	1,50	1,60	1,70	1,80	1,90	2,00	2,10	2,20	2,30
D3	0,65	0,75	0,85	0,95	1,04	1,14	1,24	1,34	1,43	1,53	1,62	1,72	1,81	1,91	2,01	2,10
L1	0,65	0,70	0,75	0,78	0,90	0,98	1,05	1,10	1,20	1,28	1,35	1,42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

Cup bur 411CT TWINCUT



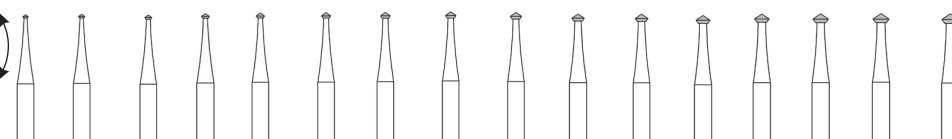
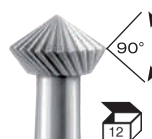
BUSCH 411CT	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023
D1	0,80	0,90	1,00	1,10	1,20	1,30	1,40	1,50	1,60	1,70	1,80	1,90	2,00	2,10	2,20	2,30
D3	0,65	0,75	0,85	0,95	1,04	1,14	1,24	1,34	1,43	1,53	1,62	1,72	1,81	1,91	2,01	2,10
L1	0,49	0,57	0,64	0,72	0,79	0,87	0,96	1,05	1,13	1,21	1,29	1,37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

Cup bur



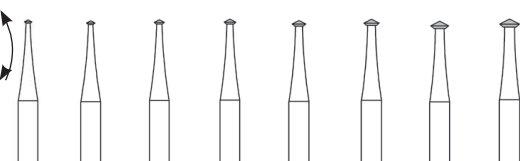
BUSCH 411*	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023
D1	0,80	0,90	1,00	1,10	1,20	1,30	1,40	1,50	1,60	1,70	1,80	1,90	2,00	2,10	2,20	2,30
D3	0,56	0,63	0,72	0,80	0,88	0,96	1,05	1,15	1,25	1,33	1,40	1,48	1,55	1,65	1,75	1,85
L1	0,65	0,70	0,75	0,78	0,90	0,98	1,05	1,10	1,20	1,28	1,35	1,42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



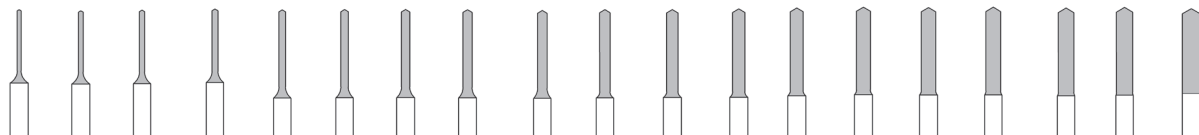
BUSCH 446*	009	010	012	014	016	018	021	023
D1	0,90	1,00	1,20	1,40	1,60	1,80	2,10	2,30
L1	0,39	0,43	0,51	0,59	0,68	0,76	0,89	0,97
α	70°	70°	70°	70°	70°	70°	70°	70°

* further sizes also available



Twist drill

Range of application: gold, silver

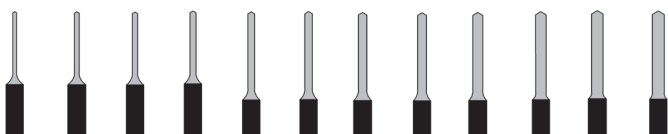


BUSCH 203	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023
D1	0,50	0,60	0,70	0,80	0,90	1,00	1,10	1,20	1,30	1,40	1,50	1,60	1,70	1,80	1,90	2,00	2,10	2,20	2,30
L1	10,0	10,0	10,0	10,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0



HSS twist drill

Range of application: hard metal alloys, gold, silver

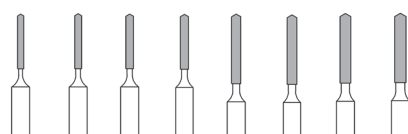


BUSCH 203HSS	005	006	007	008	009	010	011	012	013	014	015	016
D1	0,50	0,60	0,70	0,80	0,90	1,00	1,10	1,20	1,30	1,40	1,50	1,60
L1	10,0	10,0	10,0	10,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0



Diamond coated twist drill

Range of application:
glass, jewellery stones



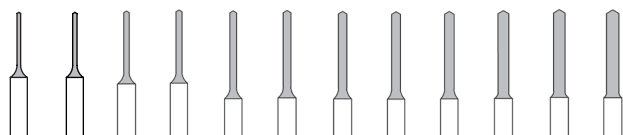
BUSCH 8203	008	009	010	011	012	013	014	015
D1	0,80	0,90	1,00	1,10	1,20	1,30	1,40	1,50
L1	10,0	10,0	10,0	10,0	12,0	12,0	12,0	12,0

CARBIDE



Carbide twist drill

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

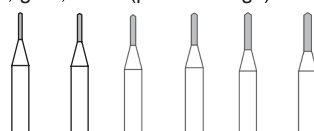


BUSCH 4203S	005	006	007	008	009	010	011	012	013	014	015	016
D1	0,60	0,70	0,70	0,80	0,90	1,00	1,10	1,20	1,30	1,40	1,50	1,60
L1	9,0	9,0	10,0	10,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0



Carbide twist drill

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

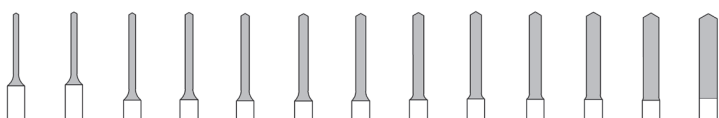


BUSCH 4205S	005	006	007	008	009	010
D1	0,50	0,60	0,70	0,80	0,90	1,00
L1	3,7	3,9	7,50	7,50	8,0	8,0



Carbide twist drill

Range of application: corals, pearls

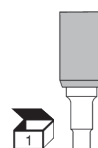


BUSCH 4203	007	008	009	010	011	012	013	014	015	016	018	021	023
D1	0,70	0,80	0,90	1,00	1,10	1,20	1,30	1,40	1,50	1,60	1,80	2,1	2,30
L1	10,0	10,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0	12,0

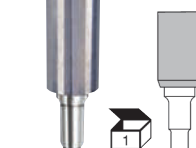


Carbide ramroller

For embossed working on all ductile
jewellery materials. Safe end.



BUSCH RR431M	060
D1	6,00
L1	13,0

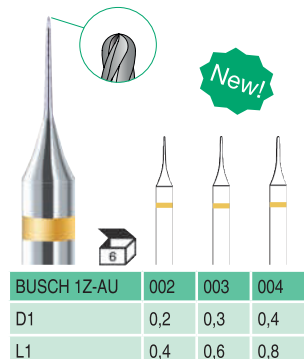


BUSCH RR431F	060
D1	6,00
L1	13,0

BURS & CARBIDE CUTTERS

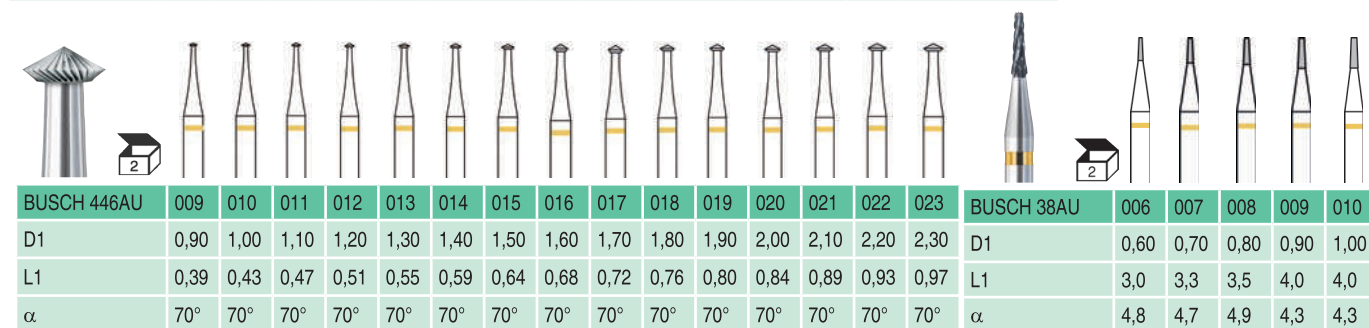
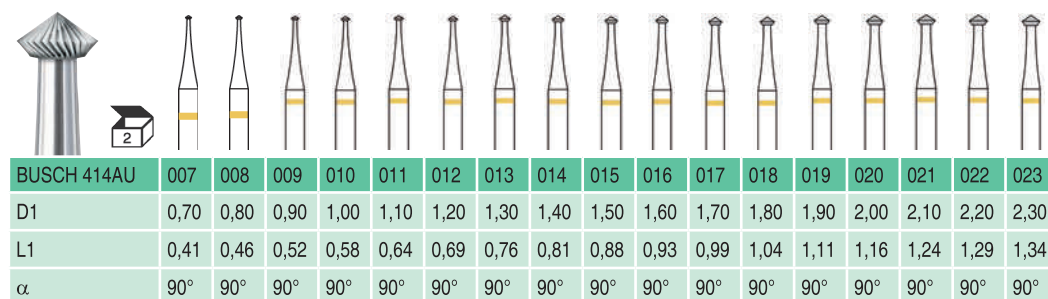
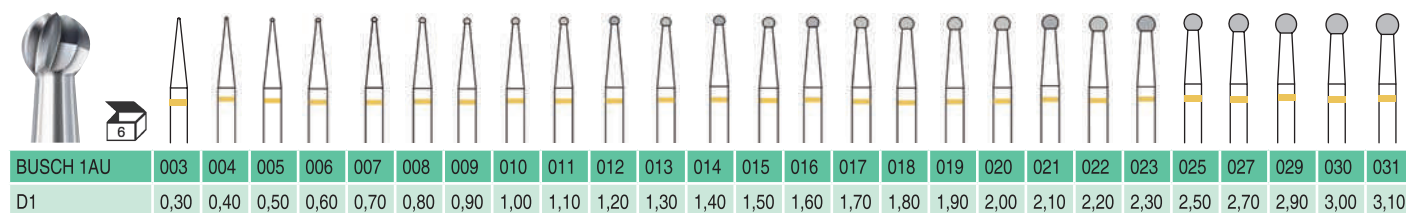
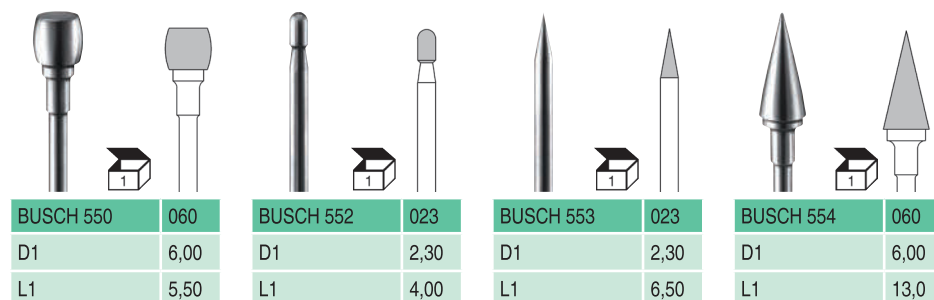
AU-Version, the new power cut made of durable carbide for efficient working on harder gold and silver, alloys, platinum, titanium as well as jewelry steel.

Carbide cutters - AU-Version

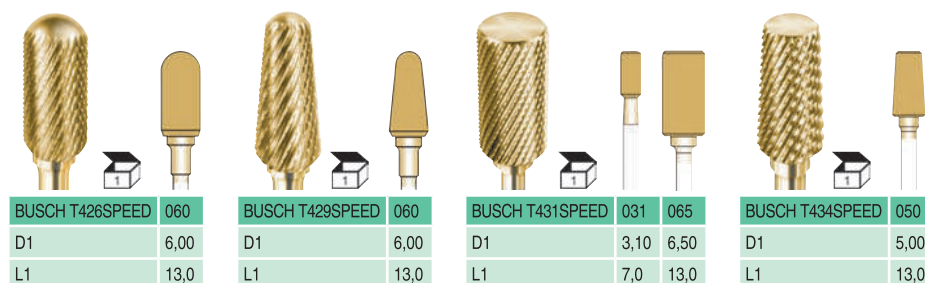


Carbide STARLIGHT-polishers

High polish for platinum and gold.



Carbide cutters - SPEED



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.

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

FLEXIBLE SHAFT SYSTEM

PF-09230-220CE 220 V, CE Label, CE Plug, With Fixing Clip

- Ideal for general purpose use or jeweller's first bench.
- Easy to set up and use; it holds a wide variety of attachments and tools, including Glardon power tools.
- Compatible with most handpieces, including Glardon by Diprofil handpieces.
- Use it for polishing, grinding, cutting, texturing, drilling, carving, wax work, stone-setting and more.



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

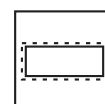
VALLORBE NEEDLE FILES



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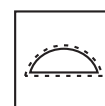
LA2401-160	4	160	5.4 x 1.1
LA2401-180	4	180	6.0 x 1.3
LA2401-200	4	200	6.5 x 1.3



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



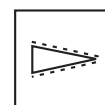
LA2403-160	4	160	5.1 x 2.0
LA2403-180	4	180	5.8 x 2.2
LA2403-200	4	200	6.0 x 2.4



LA 2403
Crossing



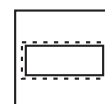
LA2405-160	4	160	5.4 x 1.5
LA2405-180	4	180	6.0 x 1.7
LA2405-200	4	200	6.4 x 1.8



LA 2405
Knife



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



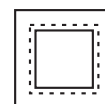
LA2407-160	4	160	A = 3.8
LA2407-180	4	180	A = 4.2
LA2407-200	4	200	A = 4.4
LA2407-200	2	200	A = 4.4



LA 2407
Three Square



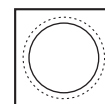
LA2408-160	4	160	A = 2.4
LA2408-180	4	180	A = 2.6
LA2408-200	4	200	A = 2.8



LA 2408
Square



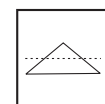
LA2410-160	4	160	A = 2.9
LA2410-180	4	180	A = 3.2
LA2410-200	4	200	A = 3.5



LA 2410
Round



LA2411-160	4	160	5.1 x 1.8
LA2411-180	4	180	5.4 x 2.0
LA2411-200	4	200	5.8 x 2.2



LA 2411
Barette

VALLORBE PRECISION FILES



FILES, GRAVERS & SAW BLADES

Ref.	Cut	L=mm	A x B mm	Ref.	Cut	L=mm	A x B mm
LP1566 Halfround Slim				LP1560 Ordinary Halfround			
LP1566-6-	4	6/150	12.7 x 3.5	LP1560-6-	4	6/150	15.3x4.7
LP1163 Pottance or Hard				LP1360 Triangle			
LP1163-6-	4	6/150	18.5 x 0	LP 1360-6-	4	6/150	5.8 x 0.0
				LP1136 Pillar Checkering			
				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 SAW BLADES

Round back, for high precision quality, for hard and precious metals.

No.	Ref. No.	Thickn.mm	Width mm	Teeth/cm	Length/cm
8/0	SBGLA-8/0	0.16	0.32	38.5	13
6/0	SBGLA-6/0	0.18	0.36	32	13
5/0	SBGLA-5/0	0.2	0.40	28	13
4/0	SBGLA-4/0	0.22	0.44	26.5	13
3/0	SBGLA-3/0	0.24	0.48	23.5	13
2/0	SBGLA-2/0	0.26	0.52	22	13



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 209 - A



Compact Design
Ergonomic Design
Vertical / Horizontal
Placement

RPM : MAX 35,000 rpm
Torque : 300 gf.cm
Input : 100V, 110V, 220-230~, 240V(50/60Hz)
Output :
Weight : Control box 1.2 kg

Handpiece 232g (STROMGI07). Right & Left turning ability, Circuit safety system
Hand / Foot speed control system, Foot speed control, Foot On off control-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

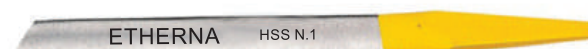


Item :
Item No.:
Sizes (mm):
Grit:
Bond:

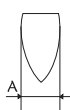
ISO-No.: 653 000 114 525 020	ISO-No.: 653 000 114 534 020	ISO-No.: 653 000 114 523 020	ISO-No.: 653 000 114 513 020	ISO-No.: 653 000 114 503 020	ISO-No.: 653 000 114 494 020
42	52	62	72	82	92
14042	14052	14062	14072	14082	14092
2 X 20					
Medium	Coarse	Medium	Fine	x-Fine	xx-Fine
x-Hard	Hard	Medium	Medium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

Knife



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



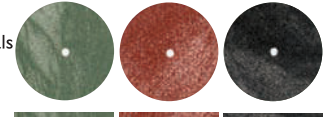
Etherna Luster

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 became 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



GOLD, RHODIUM & PRECIOUS METAL PLATING SOLUTIONS



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 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 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 120 (rhodium concentrated for bath 2g/100ml)
- RODINOR 110 (rhodium concentrated for bath 2g/200ml)Very high Brightness
- RODINOR 125R (replenisher for Rodinor 120 5g/200ml)For Industrial Plants
- RODINOR 115R (replenisher for Rodinor 110 5g/200ml)For Industrial Plants
- RODINOR 402 Rhodium plating solution ready to use (Rh 2g/l)Blue



RODINOR 300 series

RHODIUM FOR PEN PLATING

- RODINOR H32 (white rhodium for pen plating ready to use 2g/100ml)
- RODINOR 322 (black rhodium for pen plating ready to use 2g/100ml)
- RODINOR 323 (blue rhodium for pen plating ready to use 1g/100ml)



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)



ADDITIVES & CLEANERS

RUTENOR 200RA : Blackening additive for Rutenor 205C

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

CLEANOR 201P : Degreasing powder for ultrasonics

PROTECTOR 201 : Concentrated solution 100 ml packaging nano coating protection

PROTECTOR 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

A complete range of anodes for galvanic use comprising platinized titanium mesh anodes, ruthenium and iridium mixed oxide mesh anodes, electrolytic copper, copper-phosphorus, oxygen-free copper, electrolytic nickel, graphite and pure silver anodes. Specially made curved anodes which cover more area in round beakers and hence give better plating results.



BERKEM PLATING MACHINES



BERKEM GALVALINK 302B

Galvanic Engine module with rectifier
2 tanks x 2 litres x 1 stirrer x 1 heater
Dimension : 30x34x33 h cm ,Weight : 12 Kg

BERKEM GALVALINK 302S

Galvanic satellite module.
it can be attached to galvanic 302 B or 201 RP
2 tanks x 2 litres , 2 stirrer , 2 heaters
Dimension : 30x34x33 h cm ,Weight : 10 Kg



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



UMICORE: PLATING SOLUTION



Rhodium 271
White Pen Plating solution

ABRASIVES

Sand Paper

SIA :- 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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