Gallorini
master of alloys

Products Catalogue

master alloys and soldering powders for goldsmith and silversmith

TECHNOLOGY•INNOVATION•TEAM WORK

GALLORINI S.N.C

was born in Tuscany, Arezzo, known as the city of gold, which boasts a well-known past in the field of jewelry and processing of gold.

It was founded in 2007 by Stefano Gallorini, who thanks to its thirty-year experience in goldsmith managed to create a company, that today is known in all over the world, conveying his knowledge and his passion for this work to his sons Carlo and Luca, who today took the helm of the company.

PRODUCTION

We use medium frequency inductive machines, that prevent the risk of contamination by combustion products typical of gas furnaces ensuring homogeneity and purity of the final product. When necessary the alloys are protected with reductive flames and a thin layer of boric acid. The quality of the air in the laboratory is another important factor, the humidity is kept under 30% by our air-conditioning system.

THE ALLOYS

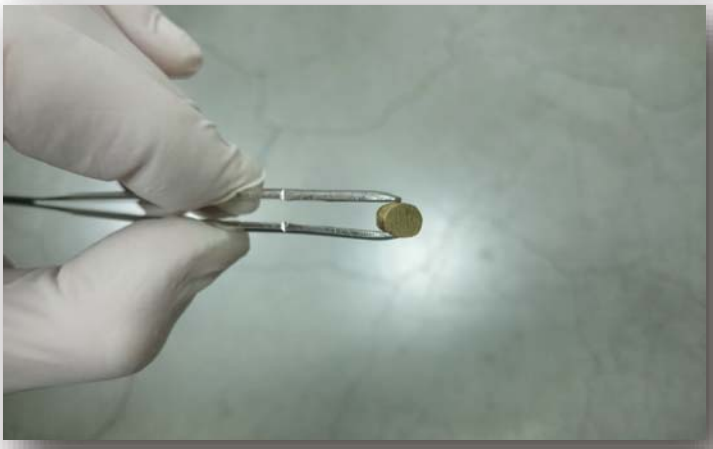
Our catalogue counts over 500 different kinds of recipes, including bronze, brass, alpaca, red yellow and white gold, silver applications alloys and soldering alloys for gold and silver. To prevent the risk of silicon contamination we separate the production of alloys with and without silicon. Crucibles and all other parts that come into contact with the molten metal are separated in silicon and siliconless.

CONTROL OF RAW MATERIALS

All our production starts from elements of the highest quality. The raw materials come from trusted suppliers, who provide us **quality certificates**, furthermore a security check on **XRF machine** is made inside our factory for each incoming batch. Among our collaborators are the best equipped, well-known local producers and analytical laboratories, which provide us **ICP analysis** if necessary.

QUALITY CONTROL

All steps of the production cycle are carefully monitored. Every incoming order is divided in several loads of 50-60Kg each and since alloying the metals is the most important step, for every melt a random grain of alloy is analyzed by XRF in the core and stored, with a batch number, in our factory for at least two year.



PASSION, continuous research and studies

on elements thanks to the latest generation equipment at our disposal allow us to make constant updates and follow the latest news. We are always happy to offer consulting and technical support that distinguish us from our competitors. One of the most important goals of our company is to satisfy the demands of our clients, customizing alloys and powders, in order to create a perfect final product completely made in Italy.

CATALOGUE SHORT GUIDE

ALLOYS AND SOLDERS APPLICATION

MECHANICAL WORKS

Plates		recommended for plates and sheets production, for stamped articles
Solid chains		recommended for wire and solid chain production
Hollow chains		recommended for hollow jewellery production especially for “aggraffato” chains
Soldered tubes		recommended for profiled soldered tubes made from plate
CNC & cut		recommended for CNC or tools cutting
Solder sheets		recommended for soldering sheets production
Solder wires		recommended for soldering wire production

CASTING

Open casting		recommended for casting with low/without protection from oxidation
Closed casting		recommended for closed casting systems
Wax setting		recommended for items with stones pre-placed in wax

SOLDERING POWDERS

Y	Yellow	Suitable for yellow gold articles soldering
R	Red	Suitable for red gold articles soldering
W	White	Suitable for white gold articles soldering

Soldering powder average granulometry: 20-25 µm

Soldering powder available granulometry: 9-15 µm (Superfine version)

YELLOW GOLD COLOUR SHADES

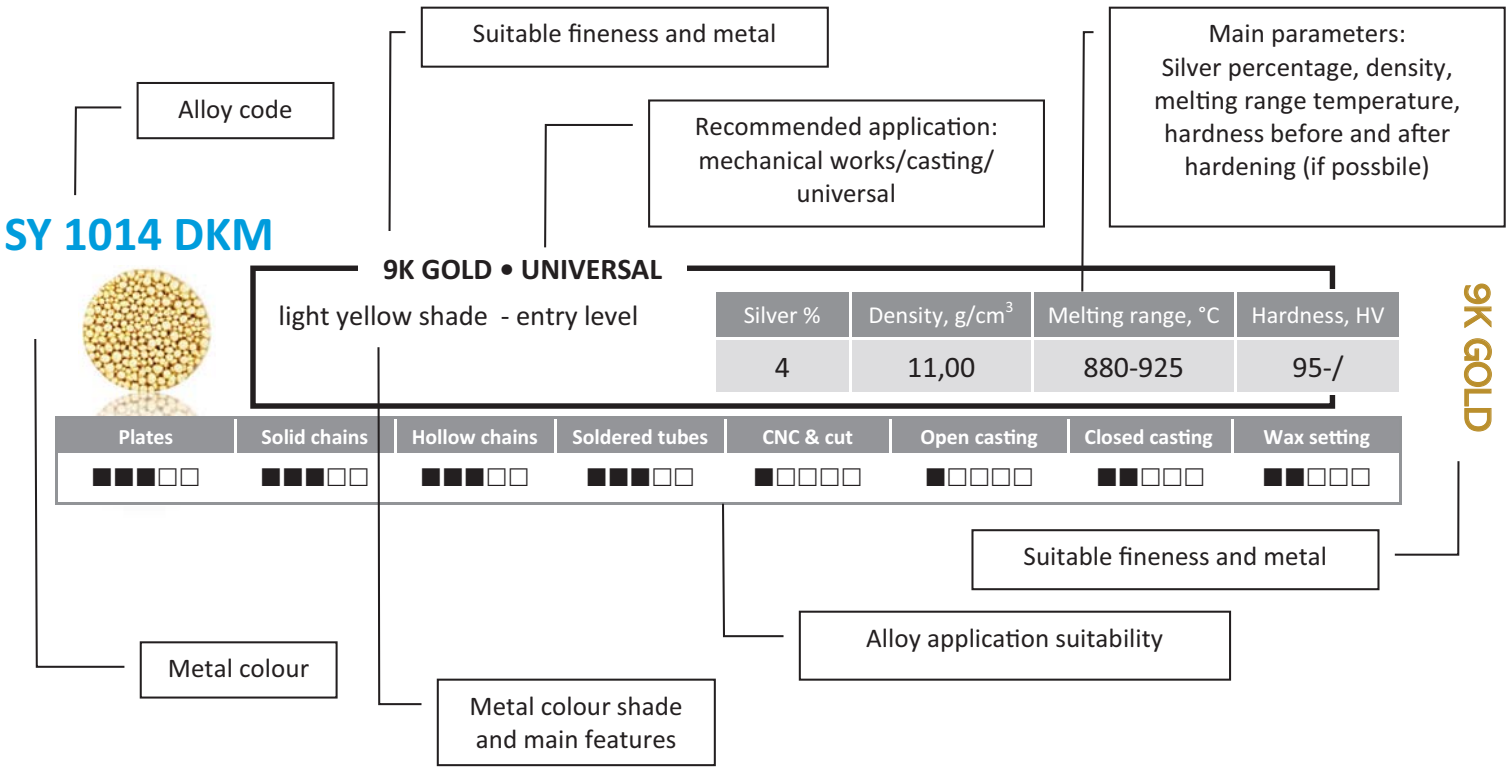
GREEN | LIGHT | RICH | ORANGE

WHITE GOLD COLOUR SHADES

OFF WHITE | STANDARD WHITE | PREMIUM WHITE

RED GOLD COLOUR SHADES

LIGHT | RUSSIAN | DEEP | KOREAN



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Solder alloy code

Suitable fineness and metal

Main parameters:
Silver percentage, density,
melting range temperature

SSY 918 M

14K GOLD • SOLDER

MEDIUM SOFT - suitable for "aggraffato" wire

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
38	11,00	880-925	95-/

Solder sheets	Solder wires
■■■■■	■■■■□

Suitable fineness, metal and colour

Solder alloy application suitability

Solder hardness and main features

Soldering powder code

Soldering powder main application

S103 EVO

SOLDERING POWDER

zinc-based soldering powder for gold - contains deoxidizers and reinforces the link

9K	10K	14K	18K	21/22K	AG	BRONZE	BRASS
W	W	YRW	YRW	☐	☐	☐	☐

Soldering powder suitability for various metals, colours, fineness

MASTER ALLOYS FOR GOLD AND SILVER

MASTER ALLOYS FOR YELLOW GOLD

SY 1014 DKM

9K GOLD • UNIVERSAL

light yellow shade - entry level

Silver %	Density, g/cm³	Melting range, °C	Hardness, HV
4	11,00	880-925	95-/

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
■■■□□	■■■□□	■■■□□	■■■□□	■□□□□	■□□□□	■■□□□	■■□□□

SY 1014 CLG

9K GOLD • MECHANICAL

green shade - entry level

Silver %	Density, g/cm³	Melting range, °C	Hardness, HV
4	10,80	850-890	90-/

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
■■■□□	■■■□□	■■□□□	■■□□□	■□□□□	□□□□□	□□□□□	□□□□□

SY 271 A

9K GOLD • MECHANICAL

rich yellow shade - entry level

Silver %	Density, g/cm³	Melting range, °C	Hardness, HV
5	11,51	914-959	92-/

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
■□□□□	■■■■■	■■■■■	■■■□□	■■□□□	□□□□□	□□□□□	□□□□□

SY 1014 H

9K GOLD • MECHANICAL

light yellow shade - entry level

Silver %	Density, g/cm³	Melting range, °C	Hardness, HV
6	11,00	885-925	100-/

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
■■■□□	■■■□□	■■■□□	■■■□□	■■□□□	□□□□□	□□□□□	□□□□□

SY 10 MD

9K GOLD • MECHANICAL

rich yellow shade - small grain size

Silver %	Density, g/cm³	Melting range, °C	Hardness, HV
8	11,10	845-900	100-/

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
■■□□□	■■■□□	■■■□□	■■■□□	■■■□□	□□□□□	□□□□□	□□□□□

SY 10 MD NF

9K GOLD • MECHANICAL

Ni-free - rich yellow shade - small grain size

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
8	11,10	845-900	100-/

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
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SY 10 UBS AG

9K GOLD • MECHANICAL

orange shade - small grain size

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
12	11,10	855-930	110-135

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
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SY 142 R

9K GOLD • MECHANICAL

orange shade - small grain size

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
12	11,10	860-935	100-150

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
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SY 914 H

9K GOLD • MECHANICAL

rich yellow shade - entry level

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
15	11,06	819-908	112-200

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
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SY 14 H

9K GOLD • MECHANICAL

rich yellow shade - entry level

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
16	11,00	875-905	100-150

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
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SY 14 HG

9K GOLD • MECHANICAL

hamilton shade - small grain size - shining surface

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
21,5	11,20	785-885	125-200

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
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Gallorini master of alloys

SY 814

9K GOLD • MECHANICAL

rich yellow shade - entry level

Silver %	Density, g/cm³	Melting range, °C	Hardness, HV
22,5	11,20	785-885	120-200

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
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SY 14 ECO B

9K GOLD • CASTING

light yellow shade - small grain size -deoxidizing action

Silver %	Density, g/cm³	Melting range, °C	Hardness, HV
4	10,80	875-915	90-/

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
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SY 14 CLG

9K GOLD • CASTING

green shade - small grain size - deoxidizing action

Silver %	Density, g/cm³	Melting range, °C	Hardness, HV
4	10,80	865-915	85-/

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
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SY 142 P

9K GOLD • CASTING

orange shade - deoxidizing action

Silver %	Density, g/cm³	Melting range, °C	Hardness, HV
10	11,00	830-910	100-/

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
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SY 14 ECO E

9K GOLD • CASTING

light yellow shade - small grain size - deoxidizing action

Silver %	Density, g/cm³	Melting range, °C	Hardness, HV
10	11,10	840-915	100-/

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
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SY 244 M

9K GOLD • CASTING

light yellow shade - deoxidizing action

Silver %	Density, g/cm³	Melting range, °C	Hardness, HV
10	10,90	820-885	95-/

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
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SY 123 P

9K GOLD • CASTING

light yellow shade - deoxidizing action

Silver %	Density, g/cm³	Melting range, °C	Hardness, HV
15	11,04	814-897	110-170

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
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SF 304 Y

9K GOLD • CASTING

hamilton shade - small grain size - deoxidizing action - shining surface

Silver %	Density, g/cm³	Melting range, °C	Hardness, HV
20	11,08	770-860	121-250

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
□□□□□	□□□□□	□□□□□	□□□□□	□□□□□	■■■■□	■■■■■	■■■■■

SY 041 P

9K GOLD • CASTING

hamilton shade - deoxidizing action

Silver %	Density, g/cm³	Melting range, °C	Hardness, HV
20	11,08	777-869	121-250

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
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SY 572 P

9K GOLD • CASTING

orange shade - small grain size - deoxidizing action

Silver %	Density, g/cm³	Melting range, °C	Hardness, HV
30	11,20	865-920	160-/

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
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SY 1014 DKM

10K GOLD • UNIVERSAL

light yellow shade - entry level

Silver %	Density, g/cm³	Melting range, °C	Hardness, HV
4	11,30	860-925	105-/

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
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SY 1014 CLG

10K GOLD • MECHANICAL

green shade - entry level

Silver %	Density, g/cm³	Melting range, °C	Hardness, HV
4	11,20	845-905	100-/

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
■■■□□	■■■□□	■■□□□	■■□□□	■□□□□	□□□□□	□□□□□	□□□□□

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SY 271 A

10K GOLD • MECHANICAL

rich yellow shade - entry level

Silver %	Density, g/cm³	Melting range, °C	Hardness, HV
5	11,42	909-951	93-/

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
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SY 1014 H

10K GOLD • MECHANICAL

light yellow shade - entry level

Silver %	Density, g/cm³	Melting range, °C	Hardness, HV
6	11,20	865-930	110-/

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
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SY 10 MD

10K GOLD • MECHANICAL

rich yellow shade - small grain size

Silver %	Density, g/cm³	Melting range, °C	Hardness, HV
8	11,30	845-915	100-/

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
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SY 10 MD NF

10K GOLD • MECHANICAL

Ni-free - rich yellow shade - small grain size

Silver %	Density, g/cm³	Melting range, °C	Hardness, HV
8	11,40	845-910	100-/

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
■■□□□	■■■□□	■■■□□	■■■□□	■■■□□	□□□□□	□□□□□	□□□□□

SY 10 UBS AG

10K GOLD • MECHANICAL

orange shade - small grain size

Silver %	Density, g/cm³	Melting range, °C	Hardness, HV
12	11,40	900-920	100-125

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
■■□□□	■■■■■	■■□□□	■■■□□	■■■□□	□□□□□	□□□□□	□□□□□

SY 142 R

10K GOLD • MECHANICAL

orange shade - small grain size

Silver %	Density, g/cm³	Melting range, °C	Hardness, HV
12	11,30	905-930	100-140

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
■■■□□	■■■■■	■■■■□	■■■□□	■■□□□	□□□□□	□□□□□	□□□□□

SY 914 H

10K GOLD • MECHANICAL

rich yellow shade - entry level

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
15	11,38	819-904	120-235

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
■■□□□	■■■■■	■■□□□	■■■□□	■■■□□	□□□□□	□□□□□	□□□□□

SY 14 H

10K GOLD • MECHANICAL

rich yellow shade - entry level

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
16	11,30	905-930	110-140

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
■■■■□	■■■■■	■■■■□	■■■■■	■■□□□	□□□□□	□□□□□	□□□□□

SY 14 HG

10K GOLD • MECHANICAL

hamilton shade - small grain size - shining surface

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
21,5	11,52	799-882	140-235

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
■■■■■	■■■■□	■■□□□	■■■■■	■■■□□	□□□□□	□□□□□	□□□□□

SY 814

10K GOLD • MECHANICAL

rich yellow shade - entry level

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
22,5	11,52	799-882	120-230

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
■■■■■	■■■■□	■■□□□	■■■■■	■■■□□	□□□□□	□□□□□	□□□□□

SY 14 ECO B

10K GOLD • CASTING

light yellow shade - small grain size -deoxidizing action

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
4	11,30	890-920	95-/

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
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SY 14 CLG

10K GOLD • CASTING

green shade - small grain size - deoxidizing action

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
4	11,10	820-890	100-/

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
□□□□□	□□□□□	□□□□□	□□□□□	□□□□□	■■■□□	■■■□□	■■■■□

SY 142 P

10K GOLD • CASTING

orange shade - deoxidizing action

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
10	11,30	780-900	95-/

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
□□□□□	□□□□□	□□□□□	□□□□□	□□□□□	■■■□□	■■■□□	■■■■□

SY 14 ECO E

10K GOLD • CASTING

light yellow shade - small grain size - deoxidizing action

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
10	11,30	820-905	100-/

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
□□□□□	□□□□□	□□□□□	□□□□□	□□□□□	■■■□□	■■■□□	■■■■□

SY 244 M

10K GOLD • CASTING

light yellow shade - deoxidizing action

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
10	11,20	810-880	90-/

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
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SY 123 P

10K GOLD • CASTING

light yellow shade - deoxidizing action

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
15	11,35	806-884	100-155

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
□□□□□	□□□□□	□□□□□	□□□□□	□□□□□	■■■□□	■■■□□	■■■■□

SF 304 Y

10K GOLD • CASTING

hamilton shade - small grain size - deoxidizing action - shining surface

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
20	11,41	770-855	118-220

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
□□□□□	□□□□□	□□□□□	□□□□□	□□□□□	■■■■□	■■■■■	■■■■■

SY 041 P

10K GOLD • CASTING

hamilton shade - deoxidizing action

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
20	11,41	778-863	118-220

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
□□□□□	□□□□□	□□□□□	□□□□□	□□□□□	■■■■□	■■■□□	■■■■□

SY 572 P

10K GOLD • CASTING

orange shade - small grain size - deoxidizing action

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
30	11,50	870-910	150-/

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
□□□□□	□□□□□	□□□□□	□□□□□	□□□□□	■■■□□	■■■■■	■■■■■

SY 1014 DKM

14K GOLD • UNIVERSAL

light yellow shade - entry level

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
4	12,80	865-905	115-/

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
■■■□□	■■■□□	■■■□□	■■■□□	■□□□□	■□□□□	■■□□□	■■□□□

SY 18H 3N

14K GOLD • UNIVERSAL

rich yellow shade - small grain size

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
47	13,43	827-838	216-275

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
■■■□□	■■■□□	■■■□□	■■■□□	■□□□□	■□□□□	■■□□□	■■□□□

SY 18 HZ

14K GOLD • UNIVERSAL

1N - light yellow shade - small grain size

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
56,5	13,57	824-834	237-260

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
■■■■■	■■□□□	■■□□□	■■■□□	■■□□□	■■■□□	■■■■□	■■□□□

SY 456 R

14K GOLD • UNIVERSAL

0N – green shade - small grain size

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
64	13,63	825-839	178-180

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
■■■■■	■■□□□	■■□□□	■■■□□	■■□□□	■■■□□	■■■■□	■■□□□

SY 1014 CLG

14K GOLD • MECHANICAL

green shade - entry level

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
4	12,60	850-885	115-/

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
■■■□□	■■■□□	■■□□□	■■□□□	■□□□□	□□□□□	□□□□□	□□□□□

Gallorini master of alloys

SY 045 B

14K GOLD • MECHANICAL

green shade - entry level

Silver %	Density, g/cm³	Melting range, °C	Hardness, HV
5	12,67	852-888	108-/

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
■■□□□	■■■■■	■■■□□	■■□□□	■■■■□	□□□□□	□□□□□	□□□□□

SY 271 A

14K GOLD • MECHANICAL

rich yellow shade - entry level

Silver %	Density, g/cm³	Melting range, °C	Hardness, HV
5	12,91	894-916	121-/

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
■□□□□	■■■■■	■■■■■	■■■□□	■■□□□	□□□□□	□□□□□	□□□□□

SY 1014 H

14K GOLD • MECHANICAL

light yellow shade - entry level

Silver %	Density, g/cm³	Melting range, °C	Hardness, HV
6	12,80	870-905	110-/

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
■■■□□	■■■□□	■■■□□	■■■□□	■■□□□	□□□□□	□□□□□	□□□□□

SY 10 MD

14K GOLD • MECHANICAL

rich yellow shade - small grain size

Silver %	Density, g/cm³	Melting range, °C	Hardness, HV
8	12,80	840-890	125-/

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
■■□□□	■■■□□	■■■□□	■■■□□	■■■□□	□□□□□	□□□□□	□□□□□

SY 10 MD NF

14K GOLD • MECHANICAL

Ni-free - rich yellow shade - small grain size

Silver %	Density, g/cm³	Melting range, °C	Hardness, HV
8	12,80	840-890	125-/

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
■■□□□	■■■□□	■■■□□	■■■□□	■■■□□	□□□□□	□□□□□	□□□□□

SY 242 R

14K GOLD • MECHANICAL

rich yellow shade - small grain size

Silver %	Density, g/cm³	Melting range, °C	Hardness, HV
10	12,77	842-879	115-/

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
■■□□□	■■■■■	■■□□□	■■■□□	■■■■□	□□□□□	□□□□□	□□□□□

SY 142 R

14K GOLD • MECHANICAL

orange shade - small grain size

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
12	12,80	880-925	120-140

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
■■■□□	■■■■■	■■■■□	■■■□□	■■□□□	□□□□□	□□□□□	□□□□□

SY 914 H

14K GOLD • MECHANICAL

rich yellow shade - entry level

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
15	12,88	838-878	130-230

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
■■□□□	■■■■■	■■□□□	■■■□□	■■■□□	□□□□□	□□□□□	□□□□□

SY 14 H

14K GOLD • MECHANICAL

rich yellow shade - entry level

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
16	12,80	840-880	120-135

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
■■■■□	■■■■■	■■■■□	■■■■■	■■□□□	□□□□□	□□□□□	□□□□□

SY 041 A

14K GOLD • MECHANICAL

hamilton shade - small grain size

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
20	12,94	824-865	145-200

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
■■■■□	■■■■■	■■□□□	■■■■■	■■■□□	□□□□□	□□□□□	□□□□□

SY 14 HG

14K GOLD • MECHANICAL

hamilton shade - small grain size - shining surface

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
21,5	12,99	839-877	150-230

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
■■■■□	■■■■■	■■□□□	■■■■■	■■■□□	□□□□□	□□□□□	□□□□□

SY 814

14K GOLD • MECHANICAL

rich yellow shade - entry level

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
22,5	12,90	815-885	140-180

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
■■■■□	■■■□□	■■■■□	■■■■□	■■■■□	□□□□□	□□□□□	□□□□□

Gallorini master of alloys

SF 203 Y

14K GOLD • MECHANICAL

hamilton shade - shining surface

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
28	12,90	810-855	160-230

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
■■■■□	■■■□□	■■■■■	■■■■■	■■■■□	□□□□□	□□□□□	□□□□□

SY 18 H31

10K GOLD • MECHANICAL

rich yellow shade - small grain size

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
31	13,12	815-846	167-250

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
■■■■■	■■■□□	■■□□□	■■■■■	■■□□□	□□□□□	□□□□□	□□□□□

SY 452 R

14K GOLD • MECHANICAL

light yellow shade - small grain size

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
45	13,31	805-819	170-250

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
■■■■■	■■□□□	■■□□□	■■■□□	■■□□□	□□□□□	□□□□□	□□□□□

SY 14 ECO B

14K GOLD • CASTING

light yellow shade - small grain size - deoxidizing action

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
4	12,60	835-880	95-/

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
□□□□□	□□□□□	□□□□□	□□□□□	□□□□□	■■■□□	■■■□□	■■■■□

SY 14 CLG

14K GOLD • CASTING

green shade - small grain size - deoxidizing action

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
4	12,60	850-885	115-130

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
□□□□□	□□□□□	□□□□□	□□□□□	□□□□□	■■■□□	■■■□□	■■■■□

SY 142 P

14K GOLD • CASTING

orange shade - deoxidizing action

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
10	12,70	830-880	105-/

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
□□□□□	□□□□□	□□□□□	□□□□□	□□□□□	■■■□□	■■■□□	■■■■□

SY 14 ECO E

14K GOLD • CASTING

rich yellow shade - small grain size - deoxidizing action

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
10	12,80	845-890	120-/

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
□□□□□	□□□□□	□□□□□	□□□□□	□□□□□	■■■□□	■■■□□	■■■■□

SY 244 M

14K GOLD • CASTING

light yellow shade - deoxidizing action

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
10	12,70	805-855	110-/

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
□□□□□	□□□□□	□□□□□	□□□□□	□□□□□	■■■□□	■■■□□	■■■■□

SF 303 Y

14K GOLD • CASTING

rich yellow shade - small grain size - deoxidizing action - shining surface

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
12,5	12,80	820-875	120-135

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
□□□□□	□□□□□	□□□□□	□□□□□	□□□□□	■■■□□	■■■■■	■■■■■

SY 123 P

14K GOLD • CASTING

rich yellow shade - deoxidizing action

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
15	12,81	810-865	125-/

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
□□□□□	□□□□□	□□□□□	□□□□□	□□□□□	■■■□□	■■■□□	■■■■□

SF 304 Y

14K GOLD • CASTING

hamilton shade - small grain size - deoxidizing action - shining surface

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
20	12,88	790-845	137-200

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
□□□□□	□□□□□	□□□□□	□□□□□	□□□□□	■■■■□	■■■■■	■■■■■

SY 041 P

14K GOLD • CASTING

hamilton shade - deoxidizing action

Silver %	Density, g/cm^3	Melting range, °C	Hardness, HV
20	12,88	795-849	137-200

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
□□□□□	□□□□□	□□□□□	□□□□□	□□□□□	■■■■□	■■■□□	■■■■□

SY 572 P

14K GOLD • CASTING

orange shade - small grain size - deoxidizing action

Silver %	Density, g/cm³	Melting range, °C	Hardness, HV
30	12,90	825-870	150-180

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
□□□□□	□□□□□	□□□□□	□□□□□	□□□□□	■■■□□	■■■■■	■■■■■

SY 574 R

18K GOLD • UNIVERSAL

orange shade - small grain size

Silver %	Density, g/cm³	Melting range, °C	Hardness, HV
16	14,80	865-885	190-300

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
■■■■□	■■■■□	■■■■□	■■■■□	■■■□□	■■□□□	■■□□□	□□□□□

SY 572 R

18K GOLD • UNIVERSAL

rich yellow shade - small grain size

Silver %	Density, g/cm³	Melting range, °C	Hardness, HV
36	15,00	865-885	155-250

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
■■■■■	■■■□□	■■■■□	■■■■■	■■■■■	■■□□□	■■□□□	□□□□□

SY 18 420

18K GOLD • UNIVERSAL

rich yellow shade - shining surface

Silver %	Density, g/cm³	Melting range, °C	Hardness, HV
42	15,10	860-875	170-270

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
■■■■□	■■■■□	■■■■□	■■■□□	■■■□□	■□□□□	■■□□□	■■□□□

SY 452 R

18K GOLD • UNIVERSAL

light yellow shade - small grain size

Silver %	Density, g/cm³	Melting range, °C	Hardness, HV
45	15,17	849-867	158-240

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
■■■■■	■■■■■	■■■■■	■■■■■	■■■■□	■□□□□	■□□□□	■□□□□

SF 201 Y

18K GOLD • UNIVERSAL

3N - rich yellow shade - small grain size - shining surface

Silver %	Density, g/cm³	Melting range, °C	Hardness, HV
46,2	15,10	860-895	130-250

Plates	Solid chains	Hollow chains	Soldered tubes	CNC & cut	Open casting	Closed casting	Wax setting
■■■■□	■■■■■	■■■■■	■■■■■	■■■□□	■■□□□	■■■□□	■■□□□

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