

# MILL PRODUCTS

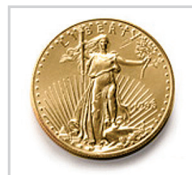
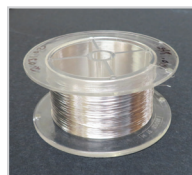
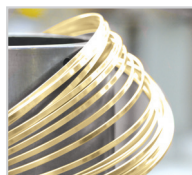
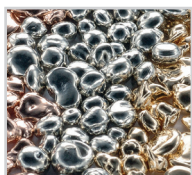
**HOOVER & STRONG IS THE INDUSTRY LEADER IN HIGH QUALITY MILL PRODUCTS MADE FROM 100% RECYCLED HARMONY PRECIOUS METALS.**

Most mill products are available in all karat golds, Sterling Silver, Fine Silver, TruSilver®, 900 Plat/Iridium and 950 Plat/Ruthenium.



## ENJOY OUR FASTER LEAD TIMES!

Grain, solder and wire foot pieces in standard metals ship same or next day. Other mill products in standard metals (14KW, 14KY, 18KY, 18K Royal, STR) ship in 4 business days.



**HOOVER®  
&STRONG**  
THE GOLD STANDARD

[www.hooverandstrong.com](http://www.hooverandstrong.com) • [info@hooverandstrong.com](mailto:info@hooverandstrong.com) • 800-759-9997

**Stock, Made to Order, Custom and Special Metals**

As you look through our Mill Products section, you'll notice that we have three metal categories for you to choose from:

**Stock Metals**

We keep stock metals listed in each product section in inventory. Because of this, we can guarantee next day shipping if ordered before 5:00 pm eastern standard time on most low volume items.



Grain, solder and wire foot pieces in standard metals ship same or next day. Other mill products in standard metals, can ship in 4 business days.

**Made To Order Metals**

MTO metals have inventory, but may not be in the form you need and so we have to make your request to order. Because the special metals available may be different for each product, please call for availability. Allow an average of 5-15 business days for delivery. Minimum order quantities will apply.

**Custom and Special Metals**

If you have your own metal that is not part of the Hoover & Strong range and you want us to make it for you, give us a call and we can discuss our custom manufacturing service. For this service, extended lead times and minimum order quantities will apply.



We hope you like this approach to ordering Mill Products from the most flexible supplier in the industry. Please see our website for more details on metal availability in all product forms.

Allow an average of 20-30 business days for delivery. Minimum order quantities will apply.



Are you buying over 100 oz of silver or over 100 dwt of gold?  
**You can SAVE MONEY with VOLUME PURCHASES!**  
 (see page 12)

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**TruSilver® 925 Silver Alloy**

Hoover & Strong is proud to offer our tarnish-resistant TruSilver® alloy. TruSilver® will give you resistance to tarnish, making the jewelry you produce keep its beautiful white shine and luster for longer than if you used traditional sterling silver. **And, TruSilver® costs the SAME as Sterling!**

In today's market there are many "anti-tarnish" silvers for the jeweler to choose from, with suppliers offering the jeweler freedom from the inevitable staining that comes from using traditional sterling silver for your jewelry.

What you need to know is that there is no such thing as "tarnish-free" sterling silver. In fact, there is no such thing as tarnish-free pure silver, which will itself tarnish when exposed to certain chemicals, especially those that are sulfur based. Many tests have been performed and documented using a variety of techniques to determine which supplier has the best tarnish resistant sterling silver alloy.



When you compare TruSilver® to the competition, it is important to note that it does NOT contain germanium. The addition of germanium, which is common to most tarnish resistant silvers, can lead to processing problems. It is much more user-friendly than the competition, making soldering and investment casting a far more pleasant experience.

**Couple this with the fact that we do not charge a premium for TruSilver® - it is priced at the same rate as traditional sterling silver - and you have a winner!**

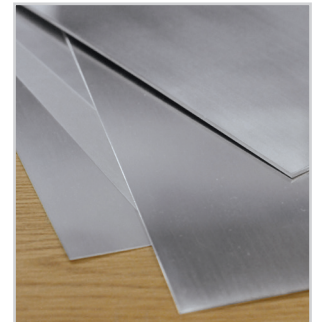
As a further benefit, TruSilver® has another plus for jewelers...

***What's the most annoying thing about working with sterling silver as a jeweler? Firescale!***

This copper oxide is hard to remove at the best of times. You need to pickle, maybe abrade as well to remove deep-seated oxide and the residual copper-rich pink areas from your jewelry. Hoover & Strong has made this much easier. We now have TruSilver®, a sterling alloy for jewelers and silversmiths who no longer want to deal with firescale.

TruSilver® has excellent mechanical properties, making all forms of fabrication easy. Unlike traditional sterling silver, TruSilver® casts and solders without fire scale. It can also be laser welded.

**TruSilver® costs the same as Sterling!**



**MAKE YOUR OWN  
KARAT GOLDS!**

**Hoover Casting Alloys Specs**

Complete Alloys - add gold only.

Alloy	Composition	Karat Desired
YCB	copper, silver, zinc	10, 14 Yellow
YCA	copper, silver, zinc	18 Yellow
YRB	silver, copper, zinc	14 Royal Yellow
YRA	silver, copper, zinc	18 Royal Yellow
Yellow D	copper, silver, zinc, silicon	10, 14 Yellow
Royal D	copper, silver, zinc, silicon	18 Royal Yellow
WCB	copper, nickel, zinc	10, 14 White
WCA	nickel, copper, zinc	18 White
P10, P14, P18	copper, silver, zinc	10, 14, 18 Pink
G10, G14, G18	silver, copper, zinc	10, 14, 18 Green
PDU	palladium, copper, zinc	18 palladium white

All alloys can be milled except for those containing silicon.

**TruSilver® costs the SAME as Sterling!**

H&S Metals Chart

**NOTE:** All metals classed as SPECIAL have minimum order quantities.

Metal	Style	Comments
10K Yellow	10Y	All yellow karat metals are neutral yellow color, very ductile and suited to all processes used in jewelry manufacturing. For maximum ductility, quench into a suitable medium after annealing. All karats are available in casting grain, sheet and wire forms. 14K and 18K Yellow are also available as "spring" gold in a limited range of products. Spring gold alloys are harder than the standard alloy, and can also be heat-treated for maximum rigidity and shape retention. 18KY is suitable for enameling. 22KY is suitable for fusing and granulation.
14K Yellow	14Y	
18K Yellow	18Y	
22K Yellow	22Y	
24K Yellow(not guaranteed recycled)	24Y	
10K Yellow Deox	D0Y	All yellow karat deox metals are a paler version of the standard alloy yellow color and contain a silicon deoxidizer to increase flow and eliminate porosity. Quenching is not recommended until a temperature of 850°F or less has been reached. All karats are available in casting grain only. 50% new metal is recommended with each melt. Casting plate and rod is not recommended - severe cracking may occur when cold worked.
14K Yellow Deox	D4Y	
14K Yellow Deox (low silicon)	D42	
18K Yellow Deox	D8Y	
18K High Yellow	HY8	HY8 is our "high yellow" alloy, having a color between 18K yellow and 18K royal yellow.
14K Royal Yellow	14R	All royal yellow karat metals have a green European color compared with standard yellow karat golds. 18K Royal is very ductile and does not require any specialized heat-treatment for maximum deformation. All karats are available in sheet, wire and casting grain forms, with a "D" deox version in 18K casting grain only. 18K Royal is suitable for enameling.
18K Royal Yellow	18R	
18K Royal Yellow Deox	D8R	
10K White	10W	All white karat metals contain nickel as a bleaching agent and are not as ductile as palladium white gold metals. They must not be directly quenched after annealing, and worked a minimum of 50% between anneals to avoid cracking. All karats are available in sheet, wire and casting grain forms, with a "D" deox version in 14K casting grain only. 14K White Deox is silicon based. 14K and 18K Brilliant White are high nickel premium color white gold metals, and are available in casting grain only.
14K White	14W	
14K White Deox	D4W	
14K Brilliant White	14H	
18K White	18W	
18K Brilliant White	18H	
14K Palladium White	14D	
18K Palladium White	18D	
10K Red	10P	All red karat metals have a high red color giving excellent contrast between other karat gold colors, with 14K Red being the reddest color of our Standard Metals. It is copper that makes the karat gold red, and the more copper that is present in the metal the redder its color, which is why 14K is redder than 18K.
14K Red	14P	
14K Red Deox	D4P	All of our red metals contain small amounts of silver and zinc to make them as user-friendly as possible, reducing brittleness, but without compromising the excellent red color. For maximum ductility, quench 14K Red, 18K Red and 18K Pink into a suitable medium after annealing.
18K Pink	18P	
18K Red	18Z	
22K Red (special order only)*	22Z	All karats are available in sheet, wire and casting grain forms, with a "D" deox version in 14K casting grain only. 14K Peach (14F) only available in casting grain.
14K Peach	14F	
18K Peach	18F	
10K Green (special order only)*	10G	All green karat metals are very ductile and softer than traditional yellow gold alloys, with 18KG being the softest and greenest color. It is the addition of silver to gold that makes it green, with 18K being an ideal ratio to achieve the best color. 22K has too much gold present and the green color gets more yellow. With 14K, the increased amount of silver dilutes and bleaches the green color, which is why 14KG is not as vibrant as 18KG. Minimal annealing stages are required when using green alloys, with at least 70% reduction between anneals possible.
14K Green	14G	
18K Green	18G	
22K Green (special order only)*	22G	
Pure Platinum	PTP	Pure platinum is very soft. For jewelry use, it is alloyed with 5% ruthenium or 10% iridium as hardeners. 900 PTI is used for general-purpose fabrication. It does not oxidize and is malleable. It must be stamped 900PT or 900PLAT. Our findings are manufactured in 950 PTR. TruPt™ is a new metal and is harder than traditional platinum alloys, making it more resistant to damage/ wear. All 950 alloys can be stamped PT, PLAT, 950PT or 950 PLAT.
900 Platinum Iridium	PTI	
950 Platinum Ruthenium	PTR	
950 TruPt™	PTH	
Pure Palladium	PDP	Pure palladium is a platinum group metal and very soft, making it an excellent choice for pavé work.
Fine Silver	FIN	Fine silver is very soft and not suitable for most jewelry applications, however it has the whitest color of any metal. Sterling silver has 7.5% copper added to make it more durable and better suited for jewelry manufacturing. TruSilver® is our tarnish resistant silver alloy, available in alloys for both casting and mill products.
Sterling Silver	STR	
TruSilver®	TS	
Deox Sterling Silver	STX	
		Our popular deox silver is designed for investment casters to achieve maximum hardness, eliminate fire scale, porosity, and increase tarnish resistance.

\*Metals marked "special order only" have a minimum order weight of 200 dwt for casting grain and a minimum order weight of 300 dwt in all other mill products. Call for details.



## Casting Grain Specifications

Minimum grain purchases are 5 dwt karat gold and platinum, 1 oz silver. Grain in standard stock metals ship same or next day if ordered before 5pm eastern time. Most MTO grains can ship next day.

**NOTE: 200 dwt minimum applies for the following grain:**

22K Pink  
10K and 22K Green

Alloy	Style	Composition	Specific Gravity	Density Troy oz/in	Vickers Hardness HV	Melt Temp	Flow Temp	Cast Temp	Flask Temp	Quench Time Mins	Status
10K Yellow	10Y	.418 gold, copper, silver, zinc	11.6	6.12	145	1500°F	1630°F	1700-1810°F	850-1200°F	15-20	MTO
14K Yellow	14Y	.585 gold, copper, silver, zinc	13.2	6.94	140	1500°F	1550°F	1620 - 1765°F	850 - 1200°F	15-20	Stock
18K Yellow	18Y	.752 gold, copper, silver, zinc	15.2	8.03	155	1580°F	1615°F	1685 - 1795°F	850 - 1200°F	15-20	Stock
22K Yellow	22Y	.918 gold, silver, copper	18.0	9.46	60	1830°F	1890°F	1960 - 2090°F	920 - 1200°F	15-20	MTO
24K Yellow	24Y	.999 gold	19.3	10.18	30	—	1947°F	2070 - 2160°F	1000 - 1100°F	15-20	Stock
10K Yellow D	D0Y	.418 gold, copper, silver, zinc, silicon	11.5	6.04	145	1450°F	1615°F	1690 - 1830°F	850 - 1200°F	15-20	MTO
14K Yellow D	D4Y	.585 gold, copper, silver, zinc, silicon	13.0	6.84	140	1485°F	1595°F	1665 - 1775°F	850 - 1200°F	15-20	MTO
14K Yellow D2	D42	.585 gold, copper, silver, zinc, silicon	13.0	6.85	140	1500°F	1550°F	1620 - 1765°F	850 - 1200°F	15-20	MTO
18K Yellow D	D8Y	.752 gold, copper, silver, zinc, silicon	15.2	7.99	155	1520°F	1625°F	1695 - 1805°F	850 - 1200°F	15-20	MTO
18K High Yellow	HY8	.752 gold, silver, copper, zinc	15.4	8.10	135	1600°F	1660°F	1770 - 2030°F	850 - 1200°F	8	MTO
14K Royal	14R	.585 gold, silver, copper, zinc	13.3	6.99	195	1530°F	1600°F	1675 - 1785°F	850 - 1200°F	15-20	MTO
18K Royal	18R	.752 gold, silver, copper, zinc	15.6	8.22	125	1645°F	1705°F	1780 - 1890°F	850 - 1200°F	15-20	Stock
18K Royal D	D8R	.752 gold, silver, copper, zinc, silicon	15.6	8.20	125	1625°F	1715°F	1800 - 1910°F	850 - 1200°F	15-20	MTO
10K White	10W	.418 gold, copper, nickel, zinc	11.2	5.90	190	1770°F	1990°F	2060 - 2215°F	900 - 1200°F	15-20	MTO
14K White	14W	.585 gold, copper, nickel, zinc	12.7	6.71	165	1710°F	1810°F	1880 - 1990°F	900 - 1200°F	15-20	Stock
14K White D	D4W	.585 gold, copper, nickel, zinc, silicon	12.7	6.70	160	1650°F	1695°F	1840 - 1950°F	900 - 1200°F	15-20	Stock
14K Brilliant White	14H	.585 gold, copper, nickel, zinc	12.6	6.64	230	1705°F	1760°F	1850 - 1960°F	900 - 1200°F	15-20	MTO
18K White	18W	.752 gold, copper, nickel, zinc	14.7	7.72	210	1635°F	1690°F	1745 - 1900°F	900 - 1200°F	15-20	MTO
18K Brilliant White	18H	.752 gold, nickel, copper, zinc	14.6	7.71	265	1645°F	1675°F	1800 - 1890°F	900 - 1200°F	15-20	MTO
14K Palladium White	14D	.585 gold, silver, palladium, copper	14.6	7.67	125	2030°F	2165°F	2265 - 2380°F	950 - 1250°F	15-20	MTO
18K Palladium White	18D	.752 gold, palladium, copper, zinc	15.9	8.38	130	1895°F	1975°F	2075 - 2250°F	950 - 1250°F	15-20	MTO
10K Red	10P	.418 gold, copper, silver, zinc	11.6	6.11	115	1750°F	1795°F	1920 - 2010°F	850 - 1200°F	5	MTO
14K Red	14P	.585 gold, copper, silver, zinc	13.0	6.87	125	1715°F	1755°F	1850 - 1960°F	850 - 1200°F	4	MTO
14K Red D	D4P	.585 gold, copper, silver, zinc, silicon	13.0	6.87	125	1715°F	1755°F	1850 - 1960°F	850 - 1200°F	4	MTO
18K Pink	18P	.752 gold, copper, silver, zinc	15.2	8.00	195	1630°F	1675°F	1775 - 1890°F	950 - 1250°F	4	MTO
18K Red	18Z	.752 gold, copper, silver	15.1	7.95	160	1635°F	1650°F	1755 - 1915°F	950 - 1250°F	4	MTO
14K Peach	14F	.585 gold, copper, silver, zinc, silicon	12.9	6.81	130	1610°F	1700°F	1825 - 1915°F	900 - 1000°F	4	MTO
18K Peach	18F	.752 gold, copper, silver, zinc, silicon	14.9	7.86	170	1615°F	1670°F	1795 - 1885°F	900 - 1000°F	4	MTO
14K Green	14G	.585 gold, silver, copper, zinc	14.0	7.39	120	1595°F	1715°F	1785 - 1915°F	850 - 1200°F	15-20	MTO
18K Green	18G	.752 gold, silver, copper, zinc	15.9	8.37	105	1785°F	1845°F	1915 - 2025°F	850 - 1200°F	15-20	MTO
Pure Platinum	PTP	.999 platinum	21.5	11.30	52	—	3224°F	3375 - 3525°F	1600 - 1700°F	When	MTO
900 Plat/Irid	PTI	.902 platinum, iridium	21.6	11.35	115	3235°F	3270°F	3535 - 3985°F	1250 - 1700°F	button	MTO
950 Plat/Ruth	PTR	.952 platinum, ruthenium	20.7	10.91	130	3235°F	3265°F	3535 - 3985°F	1250 - 1700°F	is	MTO
950 TruPt™	PTH	.952 platinum, others	19.6	10.34	180	3110°F	3180°F	3500 - 3950°F	1250 - 1700°F	no	MTO
Pure Palladium	PDP	.999 palladium	12.0	6.33	81	—	2831°F	2956 - 3106°F	1400 - 1450°F	longer	MTO
500 Palladium	PD5	.502 palladium, silver, copper	11.2	5.89	100	2235°F	2460°F	2600 - 2820°F	1000 - 1500°F	red	MTO
Fine Silver	FIN	.999 silver	10.5	5.53	35	—	1763°F	1835 - 1945°F	850 - 1200°F	5-10	MTO
Sterling Silver	STR	.925 silver, copper	10.3	5.46	75	1485°F	1645°F	1715 - 1805°F	850 - 1200°F	5-10	Stock
TruSilver®	TS	.925 silver, others	10.3	5.42	79	1562°F	1610°F	1724 - 1850°F	960 - 1250°F	15-20	MTO
Deox Sterling Silver	STX	.925 silver, others	10.1	5.31	65	1650°F	1725°F	1795 - 1900°F	850 - 1050°F	15-20	Stock

**Harmony Fairmined Mill Products**



**You can MAKE A DIFFERENCE when you choose Fairmined Mill Products from Hoover & Strong!**

An alternative to purchasing our responsible Harmony recycled metal products, the purchase of any of our Harmony Fairmined Mill Products helps hundreds of artisanal miners, families and communities that are in need.

We currently carry casting grain, sheet, wire and ring blanks made from certified Fairmined 14KW, 14KY, 18K Royal Yellow and 24K Yellow Gold from artisanal mines in Peru and Colombia. We also offer casting services in 14KW, 14KY and 18K Royal Yellow Fairmined metals.

Look for the Harmony Fairmined option when placing your next mill order.

**About Fairmined**

Fairmined is an assurance label that certifies gold from responsible Artisanal and Small-Scale Mining (ASM). It is backed by a rigorous 3rd party certification and audit system that ensures that small entrepreneurial mining communities meet world leading Standards for responsible practices. Fairmined transforms mining into an active force for good, delivering social development and environmental protection, providing everyone with a source of gold they can be proud of. The supply chain is traceable through Alliance for Responsible Mining (ARM) and SCS Global Services.

**How Your Fairmined Purchases Help:** Our Fairmined sources receive fair prices and a premiums from Hoover & Strong for their precious metal. These premiums go directly to the mining organizations for transparent investment in the social, economic and environmentally sustainable development of miners, their families, workers and the community. The community, as a group, decides how to spend the premium, whether it be on improved working conditions or on an improved quality of life.

**How Licensees can use Fairmined gold or silver:** Jewelers can use Fairmined gold or silver to make an entire piece or part of a piece. As a licensee, you can mark pieces containing Fairmined gold with the Fairmined mark.

While we encourage all Fairmined users to be Fairmined licensed, you do not have to be a licensee to purchase and use Fairmined gold in your jewelry. However, if you are not a licensee, you cannot mark or reference the name Fairmined. You can, however, create your own brand name or just state it is made from gold from certified ASM sources.

Jewelers interested in using the FAIRMINED label should contact the Alliance for Responsible Mining (ARM) to become a FAIRMINED Licensee. Learn more about Fairmined gold and silver at [www.fairmined.org](http://www.fairmined.org).

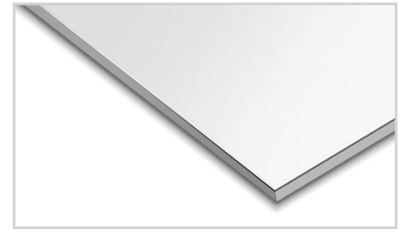




**FS - Flat Sheet Specifications**

Gold supplied in sheets up to 6 inches wide. Sheets are mill finish. Minimum gold order: 1 x 1/2 inch or 25 x 13 MM, maximum gold order is 36 x 6 inch or 914 x 152 mm. Sterling silver and TruSilver® sheets supplied in even gauges only up to 36 x 6 inch. Odd gauges available with longer lead times. For silver only, one dimension must be either 3, 6 or 12 inches. If not, scrapping fee applies. Sterling silver also available in 12 inches wide by 36 inches in gauges 16, 18, 20 and 22. All sheets are shear cut.

			14K	18K	950 PTR	Silver
GA	IN	MM Ht	dwt/in <sup>2</sup>	dwt/in <sup>2</sup>	dwt/in <sup>2</sup>	oz/in <sup>2</sup>
8	.128	3.25	17.18	19.80	27.93	.697
9	.114		15.66	18.04	24.87	-
10	.100	2.54	13.74	15.84	21.82	.552
11	.090		12.36	14.24	19.64	-
12	.080	2.00	11.00	12.66	17.45	.444
13	.072	1.83	9.90	11.40	15.71	-
14	.064		8.80	10.12	13.96	.349
15	.057	1.45	7.84	9.02	12.44	-
16	.050	1.25	6.88	7.92	10.91	.282
17	.045		6.18	7.12	9.82	-
18	.040	1.00	5.50	6.32	8.73	.221
19	.036		4.94	5.70	7.85	-
20	.032	.81	4.40	5.06	6.98	.176
21	.028		3.84	4.42	6.11	-
22	.025	.63	3.44	3.96	5.45	.138
23	.023		3.02	3.48	5.02	-
24	.020	.50	2.74	3.16	4.36	.110
25	.018		2.48	2.84	3.93	-
26	.016		2.20	2.52	3.49	.089
27	.014		1.92	2.20	3.05	-
28	.012		1.64	1.90	2.62	.073
29	.011		1.52	1.74	2.40	-
30	.010	.25	1.38	1.58	2.19	.056



**STANDARD METALS**

Allow an average of 4 business days for delivery if regular temper for up to 10 oz gold and ordered before 5pm EST for:

- 14K White (14W)
- 14K Yellow (14Y)
- 18K Royal Yellow (18R)
- 18K Yellow (18Y)
- Sterling Silver (STR)



**FAIRMINED METALS**

Allow an average of 5-15 business days for delivery if regular temper for up to 10 oz gold and ordered before 5pm EST for:

**Fairmined - Standard**

- Fairmined 14K White Gold (FW4)
- Fairmined 14K Yellow Gold (F14)
- Fairmined 18K Royal Yellow Gold (F18)
- Fairmined 24k Gold (F24)
- Fairmined Eco 18K High Yellow Gold (EY8)
- Fairmined Eco 24K Gold (E24)

**See MADE TO ORDER Fairmined Metal options on our website.**

**MADE TO ORDER METALS**

Allow an average of 5-15 business days for delivery on these MTO metals:

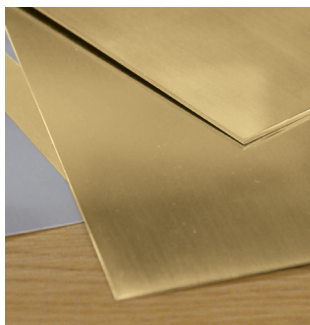
- 10K Red Gold (10P)
- 10K White Gold (10W)
- 10K Yellow Gold (10Y)
- 14K Palladium White Gold (14D)
- 14K Green Gold (14G)
- 14K Red Gold (14P)
- 14K Royal Yellow Gold (14R)
- 14K High Yellow Gold (HY4)
- 18K Palladium White Gold (18D)
- 18K High Yellow Gold (HY8)
- 18K Peach Gold (18F)
- 18K Green Gold (18G)
- 18K Pink Gold (18P)
- 18K White Gold (18W)
- 18K Red Gold (18Z)
- 22K Yellow Gold (22Y)
- 24K Yellow Gold (24Y)
- Coin Silver (AGC)
- Fine Silver (FIN)
- TruSilver (TS)
- 90% Platinum/10% Iridium (PTI)
- Pure Platinum (PTP)
- 95% Platinum/5% Ruthenium (PTR)
- Pure Palladium (PDP)
- 500 Palladium (PD5)

**Do you have your own metal that is not part of the Hoover & Strong range?**

If so, please call about our custom manufacturing service. Minimums and additional charges apply. Any metals that require special treatments (like annealing or hardening) will require additional delivery time.

**CUSTOM METALS**

Allow an average of 20-30 business days for delivery on custom metals. Minimum order quantities will apply.



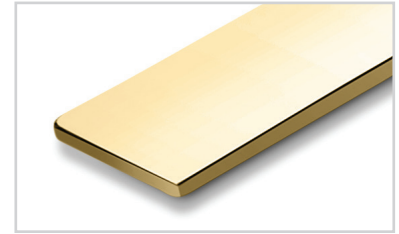
**Flat Sheet Temper**

- Standard temper gold sheet is annealed at approximately 0.002" - 0.010" before the final thickness is reached, depending on the thickness of the sheet. This is our standard temper which we provide unless otherwise requested.
- Soft temper gold sheet is annealed after the final thickness is reached, making it dead soft. We will provide this temper upon request.
- Hard temper gold sheet is annealed approximately 0.004" - 0.025" before the final thickness is reached.
- We stock sterling silver sheet annealed and will provide other tempers for an additional \$11.55 per line item, upon request.

**BZS - Bezel Strip Specifications**

Bezel strip can be softened upon request. Half mm sizes available. Widths of 2mm and smaller, can be coiled with extra delivery time and additional charges of \$25. Platinum minimum orders are half that stated for gold. Bezel strip also supplied in odd gauges and up to 12mm wide as special order. Charge is \$0.75/pc for more than 10 strips in silver, no cutting charge for gold/platinum.

Size	Inch Thickness	Min Order Inch	14K dwt/ft	18K dwt/ft	950 PTR dwt/ft	Silver oz/ft min 12"
2mm x 22 ga	.025	6	3.30	3.93	5.33	0.131
2mm x 24 ga	.020	8	2.60	2.91	3.69	0.098
2mm x 26 ga	.016	8	2.12	2.40	3.36	0.080
2mm x 28 ga	.012	9	1.66	1.78	2.63	0.069
2mm x 30 ga	.010	12	1.36	1.54	2.16	0.052
3mm x 22 ga	.025	4	4.95	5.90	7.99	0.196
3mm x 24 ga	.020	6	4.00	4.50	6.35	0.150
3mm x 26 ga	.016	6	3.12	3.68	4.95	0.119
3mm x 28 ga	.012	8	2.48	2.86	3.94	0.087
3mm x 30 ga	.010	8	2.02	2.32	3.21	0.078
4mm x 22 ga	.025	3	6.61	7.88	10.66	0.266
4mm x 24 ga	.020	4	5.32	6.14	8.44	0.209
4mm x 26 ga	.016	6	4.14	4.78	6.57	0.167
4mm x 28 ga	.012	6	3.16	3.64	5.02	0.125
4mm x 30 ga	.010	8	2.68	3.10	4.25	0.104
5mm x 22 ga	.025	3	8.26	5.40	13.32	0.370
5mm x 24 ga	.020	3	6.62	7.64	10.51	0.262
5mm x 26 ga	.016	4	5.40	6.22	8.57	0.209
5mm x 28 ga	.012	6	4.08	4.70	6.48	0.156
5mm x 30 ga	.010	6	3.26	3.76	5.17	0.130
6mm x 22 ga	.025	2	9.91	7.88	15.99	0.393
6mm x 24 ga	.020	3	7.82	9.02	12.41	0.314
6mm x 26 ga	.016	3	6.48	7.48	10.29	0.251
6mm x 28 ga	.012	4	4.90	5.64	7.78	0.187
6mm x 30 ga	.010	6	3.94	4.54	6.25	0.156



**STANDARD METALS**

Allow an average of 4 business days for delivery if regular temper for up to 10 oz gold and ordered before 5pm EST for:

- 14K White (14W)
- 14K Yellow (14Y)
- 18K Royal Yellow (18R)
- 18K Yellow (18Y)
- Sterling Silver (STR)



**FAIRMINED METALS**

Allow an average of 5-15 business days for delivery if regular temper for up to 10 oz gold and ordered before 5pm EST for:

**Fairmined - Standard**

- Fairmined 14K White Gold (FW4)
- Fairmined 14K Yellow Gold (F14)
- Fairmined 18K Royal Yellow Gold (F18)
- Fairmined 24k Gold (F24)
- Fairmined Eco 18K High Yellow Gold (EY8)
- Fairmined Eco 24K Gold (E24)

**See MADE TO ORDER Fairmined Metal options on our website.**

**MADE TO ORDER METALS**

Allow an average of 5-15 business days for delivery on these MTO metals:

- 10K Red Gold (10P)
- 10K White Gold (10W)
- 10K Yellow Gold (10Y)
- 14K Palladium White Gold (14D)
- 14K Green Gold (14G)
- 14K Red Gold (14P)
- 14K Royal Yellow Gold (14R)
- 14K High Yellow Gold (HY4)
- 18K Palladium White Gold (18D)
- 18K High Yellow Gold (HY8)
- 18K Peach Gold (18F)
- 18K Green Gold (18G)
- 18K Pink Gold (18P)
- 18K White Gold (18W)
- 18K Red Gold (18Z)
- 22K Yellow Gold (22Y)
- 24K Yellow Gold (24Y)
- Coin Silver (AGC)
- Fine Silver (FIN)
- TruSilver (TS)
- 90% Platinum/10% Iridium (PTI)
- Pure Platinum (PTP)
- 95% Platinum/5% Ruthenium (PTR)
- Pure Palladium (PDP)
- 500 Palladium (PD5)



**BUY IN VOLUME and SAVE MONEY!**

**Volume customers enjoy FAST turnaround and BIG savings!**

**Do you have your own metal that is not part of the Hoover & Strong range?**

If so, please call about our custom manufacturing service. Minimums and additional charges apply. Any metals that require special treatments (like annealing or hardening) will require additional delivery time.

**CUSTOM METALS**

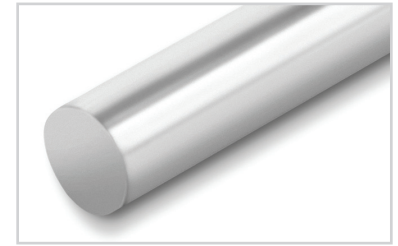
Allow an average of 20-30 business days for delivery on custom metals. Minimum order quantities will apply.



**RW - Round Wire Specifications**

Gold supplied in coil form if over 12 inches. If ordering Silver over 2 feet in 1ft pieces, the cutting/straightening charge is \$0.75 per cut. Can be provided in 4, 5 1/4, or 7 1/4 inch coils. 11 inch coils available for medium and high volume. Platinum minimum orders are half those stated for gold.

In addition to the standard gauges listed here, we offer over 200 diameters to help you with any application. We can offer every round wire die between .006" - .102" in increments of .001". Many more larger diameters up to .390". Additional charges may apply for non-standard sizes. Special order wire annealed dead soft or drawn hard requires an additional day for production.



Stock Sizes				Gold	14K	18K	950 PTR	Silver	
Cross Section	GA	IN	MM	Min Order Inch	Approx dwt/ft			Min Order ft	oz/ft
●	1	.289	7.35	1	109.00	125.68	178.98	0.5	4.262
●	2	.257	6.50	1	86.12	99.30	141.41	0.5	3.370
●	3	.229	5.83	1	69.42	80.04	113.99	0.5	2.710
●	4	.203	5.16	1	56.60	67.26	92.61	0.5	2.177
●	5	.181	4.60	1	46.96	54.14	74.55	0.5	1.703
●	6	.162	4.11	1	34.70	40.12	55.08	0.5	1.356
●	7	.144	3.67	1	27.12	32.20	43.30	0.5	1.066
●	8	.128	3.25	1	20.82	23.98	32.63	0.5	.861
●	9	.114	2.91	1	17.20	20.30	26.50	0.5	.675
●	10	.100	2.54	3	12.90	15.28	20.99	0.5	.545
●	11	.090	2.25	3	10.58	12.70	16.80	1	.424
●	12	.080	2.00	3	8.39	9.66	13.28	1	.339
●	13	.072	1.83	3	6.80	7.94	10.80	1	.270
●	14	.064	1.63	6	5.39	6.36	8.63	2	.216
●	15	.057	1.45	6	4.28	4.92	6.73	3	.171
●	16	.050	1.25	6	3.30	3.78	5.15	4	.138
●	17	.045	1.15	12	2.64	3.16	4.19	5	.108
●	18	.040	1.00	12	2.11	2.42	3.29	6	.084
●	19	.036	.91	12	1.70	1.97	2.63	8	.065
●	20	.032	.81	12	1.34	1.58	2.06	10	.053
●		.030	.75	12	1.17	1.39	1.92	11	.047
●	21	.028	.72	12	1.03	1.20	1.60	11	.041
●	22	.025	.63	12	0.81	0.92	1.23	12	.033
●	23	.023	.57	12	0.68	0.84	0.98	12	.024
●	24	.020	.50	12	0.52	0.64	0.81	12	.020

**STANDARD METALS**

Allow an average of 4 business days for delivery if regular temper for up to 10 oz gold and ordered before 5pm EST for:

- 14K White (14W)
- 14K Yellow (14Y)
- 18K Royal Yellow (18R)
- 18K Yellow (18Y)
- Sterling Silver (STR)



**For faster delivery, we stock 1 ft pieces in the above metals.**

**FAIRMINED METALS**

Allow an average of 5-15 business days for delivery if regular temper for up to 10 oz gold and ordered before 5pm EST for:

**Fairmined - Standard**

- Fairmined 14K White Gold (FW4)
- Fairmined 14K Yellow Gold (F14)
- Fairmined 18K Royal Yellow Gold (F18)
- Fairmined 24k Gold (F24)
- Fairmined Eco 18K High Yellow Gold (EY8)
- Fairmined Eco 24K Gold (E24)

**See MADE TO ORDER Fairmined Metal options on our website.**

**MADE TO ORDER METALS**

Allow an average of 5-15 business days for delivery on these MTO metals:

- 10K Red Gold (10P)
- 10K White Gold (10W)
- 10K Yellow Gold (10Y)
- 14K Palladium White Gold (14D)
- 14K Green Gold (14G)
- 14K Red Gold (14P)
- 14K Royal Yellow Gold (14R)
- 14K High Yellow Gold (HY4)
- 18K Palladium White Gold (18D)
- 18K High Yellow Gold (HY8)
- 18K Peach Gold (18F)
- 18K Green Gold (18G)
- 18K Pink Gold (18P)
- 18K White Gold (18W)
- 18K Red Gold (18Z)
- 22K Yellow Gold (22Y)
- 24K Yellow Gold (24Y)
- Coin Silver (AGC)
- Fine Silver (FIN)
- TruSilver (TS)
- 90% Platinum/10% Iridium (PTI)
- Pure Platinum (PTP)
- 95% Platinum/5% Ruthenium (PTR)
- Pure Palladium (PDP)
- 500 Palladium (PD5)

**Do you have your own metal that is not part of the Hoover & Strong range?**

If so, please call about our custom manufacturing service. Minimums and additional charges apply. Any metals that require special treatments (like annealing or hardening) will require additional delivery time.

**CUSTOM METALS**

Allow an average of 20-30 business days for delivery on custom metals. Minimum order quantities will apply.

For more information and live pricing, please visit our website at [www.hooverandstrong.com](http://www.hooverandstrong.com).

**SRW - Small Diameter Round Wire Specifications**

Small Diameter Round Wire (25-30 Gauge) - Fine and Sterling Silver Spooled Only. SRW supplied in dead soft temper. Gold and Platinum always coiled. No straight ft pieces.

Fine and Sterling Silver Spooled 1 OZ minimum. Due to additional labor involved in manufacturing small diameter round wire, there is an additional labor charge. The minimum gold order is 5 feet and will be supplied in coiled form. 1 Oz minimum for spooling silver, 1 DWT (20ft) Gold and platinum prices are per pennyweight (DWT). Silver prices per ounce (OZ).

Stock Sizes				Gold	14K	18K	950 PTR	Silver	
Cross Section	GA	IN	MM	Min Order Inch	Approx dwt/ft			Min Order ft	oz/ft
•	25	.018	.45	60	.42	.50	.68	59	0.017
•	26	.016	.40	60	.33	.39	.54	75	0.013
•	27	.014	.36	60	.26	.31	.43	75	0.011
•	28	.012	.30	60	.18	.21	.31	125	0.008
•	29	.011	.29	60	.16	.20	.26	125	0.006
•	30	.010	.25	60	.13	.16	.21	200	0.005



**STANDARD METALS**

Allow an average of 4 business days for delivery if regular temper for up to 10 oz gold and ordered before 5pm EST for:

- 14K White (14W)
- 14K Yellow (14Y)
- 18K Royal Yellow (18R)
- 18K Yellow (18Y)
- Sterling Silver (STR)



**For faster delivery, we stock 1 ft pieces in the above metals.**

**FAIRMINED METALS**

Allow an average of 5-15 business days for delivery if regular temper for up to 10 oz gold and ordered before 5pm EST for:

**Fairmined - Standard**

- Fairmined 14K White Gold (FW4)
- Fairmined 14K Yellow Gold (F14)
- Fairmined 18K Royal Yellow Gold (F18)
- Fairmined 24k Gold (F24)
- Fairmined Eco 18K High Yellow Gold (EY8)
- Fairmined Eco 24K Gold (E24)

**See MADE TO ORDER Fairmined Metal options on our website.**

**MADE TO ORDER METALS**

Allow an average of 5-15 business days for delivery on these MTO metals:

- 10K Red Gold (10P)
- 10K White Gold (10W)
- 10K Yellow Gold (10Y)
- 14K Palladium White Gold (14D)
- 14K Green Gold (14G)
- 14K Red Gold (14P)
- 14K Royal Yellow Gold (14R)
- 14K High Yellow Gold (HY4)
- 18K Palladium White Gold (18D)
- 18K High Yellow Gold (HY8)
- 18K Peach Gold (18F)
- 18K Green Gold (18G)
- 18K Pink Gold (18P)
- 18K White Gold (18W)
- 18K Red Gold (18Z)
- 22K Yellow Gold (22Y)
- 24K Yellow Gold (24Y)
- Coin Silver (AGC)
- Fine Silver (FIN)
- TruSilver (TS)
- 90% Platinum/10% Iridium (PTI)
- Pure Platinum (PTP)
- 95% Platinum/5% Ruthenium (PTR)
- Pure Palladium (PDP)
- 500 Palladium (PD5)

**Do you have your own metal that is not part of the Hoover & Strong range?**

If so, please call about our custom manufacturing service. Minimums and additional charges apply. Any metals that require special treatments (like annealing or hardening) will require additional delivery time.

**CUSTOM METALS**

Allow an average of 20-30 business days for delivery on custom metals. Minimum order quantities will apply.

**LW - Laser Wire**

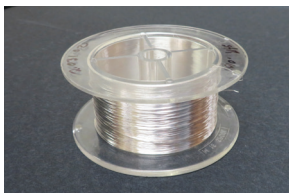
Jewelers use lasers with great success for a multitude of tasks: repairing porosity in castings, joining components, repairing pieces with stones in place and filigree work to name a few. There are none of the potential problems with step soldering. You can do multiple joining operations without fear of re-melting any previous joints.

There are many advantages to using a laser for joining, but the foremost is "invisible joints". Laser welding uses the parent metal as the filler, not a solder. The result is seamless joints that wear and tarnish at the same rate as the remainder of the piece.

We offer the following micro-gauges:

Style #	Size
LW/34	.006 Inch/34 Ga
LW/32	.008 Inch/32 Ga

Using this ultra fine wire allows you to use less and save more. All of the metals listed are available in minimum quantities of 1 dwt for gold and platinum and 1 ounce for silver. Please note maximum spool capacity is 2 oz.



Convenient spool helps eliminate tangled wire. Plastic spool \$1.28 in medium or flip spool \$1.33.

**Laser Wire Treatments** - Multiple spools for laser wire \$1.16 each spool

Available in these metals only:

Karat	GA
10K Yellow, White	32, 34
14K Yellow, White	32, 34
14K Red	32, 34
14K Palladium White	32, 34
18K Yellow, White	32, 34
18K Royal Yellow	32, 34
18K Palladium White	32, 34
22K Yellow	32
900 Plat/Ir LW	34
900 Plat/Ir LW	32
950 Plat/Ru LW	34
950 Plat/Ru LW	32
Sterling Silver	32, 34
800 Silver Solder	30
TruSilver	32

**Please Note:** These are karat metals and not solders. 800 Silver Solder Laser Wire is the only exception to this.



## SWD - Speedwire Laser Welding System and SWR - Refills

Speedwire (SWD) - a refillable laser-welding wire dispenser that helps to advance and position the wire with greater control, increasing efficiency, improving quality, and largely eliminating burned fingertips. Its color-coding system helps identification of the wire's metal type, removing guesswork and potential waste.

**Refillable.** All units loaded with 10 feet of laser wire. SPEEDWIRE saves time and improves accuracy when laser welding. The wire is supported by the stainless steel tube as close as 2mm from the weld. This allows the laser operator to easily control the position of the wire.

Because the wire is fed out by fingertip control, it is not necessary for the laser operator to move their hands or the work piece. This saves time used in repositioning and refocusing. The annealed coil of wire is kept clean and tangle free. The remaining wire can easily be monitored preventing unexpected wire shortage.

### Speedwire and Speedwire Refills (32-30 GA)

Available in these metals only.

Karat	GA	Karat	GA
10K Yellow, White	30	18K Royal	32
10K Yellow, White	32	18K Palladium White	30
14K Yellow, White	30	18K Palladium White	32
14K Yellow, White	32	18K Nickel White	30,32
18K Yellow	30	950 Plat/Ru	30
18K Yellow	32	950 Plat/Ru	32
18K Royal	30	800 Silver Solder	30



Speedwire holder shown here is available for \$19.95. (holds 8 units)

This product is used for laser welding.

For more information and live pricing, please visit our website at [www.hooverandstrong.com](http://www.hooverandstrong.com).

## Important Information about Shaped Wire

### Shaped Wire Specifications

Gold shaped wire is stocked in 1 ft pieces unless otherwise requested. See tables for minimum quantities. Silver supplied in coiled form over 2 feet. If ordering over 2 feet in 1 foot pieces, there is a \$0.75/ft cutting/straightening charge applied.

### Coiled Shaped Wire

Coiled wire can be special ordered in 4, 5 1/2, 7 1/2, or 11 inch coils.

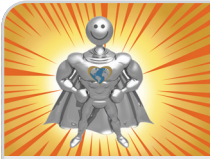
### Special Wire Sizes

We can manufacture special size flat or square wire or special lengths over 12 inches for an additional charge of only \$25 per size. Special half round wire can be made; however, a roller can be made for approximately \$2,000. Call us with your specifications.

### Shaped Wire Temper

Our standard temper is medium. Shaped wire cannot be hardened. Soft temper wire is annealed after the finished wire size is reached and will be provided upon request.





# BUY IN VOLUME and SAVE MONEY!

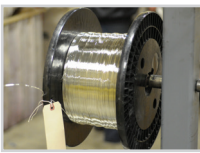
**Buy more than 100 oz of silver or 100 dwt of gold and enjoy BIG SAVINGS.** Order grain, sheet, round wire, shaped wire and patterned wire in larger quantities. We offer large volume coils of up to 6" wide sheet in all of our standard gauges. We also offer large volume coils of round wire, shaped wire and patterned wire. **For casting grain, no order is too large - just ask us!**

## FS - Flat Sheet



Volume flat sheet up to 36" long can be supplied in all gauges from 8GA to 32GA and from 0.5" to 6" wide. All silver alloys supplied with a brush finish.

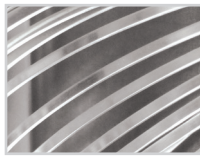
## RW - Round Wire



Coils are supplied in 4, 5 1/4, 7 1/4, 8 and 11 inch diameter or a 6 1/2 inch diameter plastic spool.

Large volume round wires over 50 oz continuous length are available in 12" coils.

## SWF - Flat Wire



Supplied in coils. **Due to processing considerations, for continuous lengths. Max length is 18 ft.**

**Custom Sizes** - We can custom manufacture flat wire to any dimensions between 12mm wide and 1mm wide.

## SWE - EZfit® Wire



Supplied in coil form.

EZfit® wires can only be manufactured in the sizes listed unless tooling is purchased. **Maximum length is 18 ft.**

## SWO - Oval Wire



Supplied in coil form.

Oval wires can only be manufactured in the sizes listed unless tooling is purchased. **Max length is 18 ft.**

## DHR - Double Half Round Wire



Volume orders supplied in coil form only.

## BZS - Bezel Strip



Bezel strip stocked in 1 foot pieces. Widths available in 2-12mm and thicknesses available in even gauges 22-30GA.

## SWH - Half Round Wire



Supplied in coil form.

Custom half round wire can be made, however a roller must be made for \$2000-\$3000. Call us with your specifications.

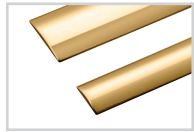
## SWS - Square Wire



Supplied in coil form.

**If coiling 3 x 3 square wire or larger, the wire section often "sets" on the corner of the shape and not on the flat.**

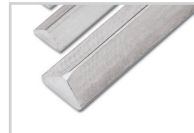
## LDW - Low Dome Wire



Supplied in coil form.

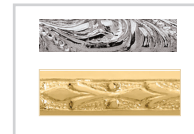
**Custom Sizes** - Custom low dome wire can be made, however a roller must be made for \$2000-\$3000. Call us with your specifications.

## SWT - Triangle Wire Specifications



Supplied in coil form.

## SWP - Pattern Wire Specifications

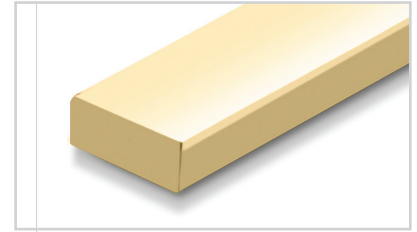


We have an extensive range of pattern wires. Supplied in coil form.

Volume price breaks for gold start at 100 dwt per line item. For silver alloys, price breaks start at 100 oz per line item. **For all wires, volume orders for cut pieces will have a \$0.75 cutting/straightening charge applied per cut.**

**SWF - Flat Wire Specifications**

Gold and platinum carried in straight 1 foot lengths, read to ship. Also available made to order in coiled form for an additional \$25 mfg charge. Sterling silver carried in coil form, weight in troy ounces per foot. If ordering over 2 feet in 1 foot pieces, the cutting/straightening charge is \$0.75 per cut. Platinum minimum orders are half those stated for gold.



**STANDARD METALS**

Allow an average of 4 business days for delivery if regular temper for up to 10 oz gold and ordered before 5pm EST for:

- 14K White (14W)
- 14K Yellow (14Y)
- 18K Royal Yellow (18R)
- 18K Yellow (18Y)
- Sterling Silver (STR)

**GET IT  
FAST** ⚡

**For faster delivery, we stock 1 ft pieces in the above metals.**

**FAIRMINED METALS**

Allow an average of 5-15 business days for delivery if regular temper for up to 10 oz gold and ordered before 5pm EST for:

**Fairmined - Standard**

- Fairmined 14K White Gold (FW4)
- Fairmined 14K Yellow Gold (F14)
- Fairmined 18K Royal Yellow Gold (F18)
- Fairmined 24k Gold (F24)
- Fairmined Eco 18K High Yellow Gold (EY8)
- Fairmined Eco 24K Gold (E24)

**See MADE TO ORDER Fairmined Metal options on our website.**

**MADE TO ORDER METALS**

Allow an average of 5-15 business days for delivery on these MTO metals:

- 10K Red Gold (10P)
- 10K White Gold (10W)
- 10K Yellow Gold (10Y)
- 14K Palladium White Gold (14D)
- 14K Green Gold (14G)
- 14K Red Gold (14P)
- 14K Royal Yellow Gold (14R)
- 14K High Yellow Gold (HY4)
- 18K Palladium White Gold (18D)
- 18K High Yellow Gold (HY8)
- 18K Peach Gold (18F)
- 18K Green Gold (18G)
- 18K Pink Gold (18P)
- 18K White Gold (18W)
- 18K Red Gold (18Z)
- 22K Yellow Gold (22Y)
- 24K Yellow Gold (24Y)
- Coin Silver (AGC)
- Fine Silver (FIN)
- TruSilver (TS)
- 90% Platinum/10% Iridium (PTI)
- Pure Platinum (PTP)
- 95% Platinum/5% Ruthenium (PTR)
- Pure Palladium (PDP)
- 500 Palladium (PD5)

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**CUSTOM METALS**

Allow an average of 20-30 business days for delivery on custom metals. Minimum order quantities will apply.

Stock Sizes		Gold	14K	18K	950 PTR	Silver	
Cross Section	MM	Min Order Inch	Approximate dwt/ft			Min Order Inch	oz/ft
█	8 x 2	1	42.48	48.62	58.59	6	1.687
█	8 x 1.5	1	31.78	35.66	49.10	6	1.305
█	8 x 1	1	21.00	22.84	33.17	6	.817
█	7 x 2	1	35.70	41.46	57.07	6	1.497
█	7 x 1.5	1	28.00	32.32	41.97	6	1.093
█	7 x 1	2	18.06	21.76	29.81	6	.734
█	6 x 2	1	31.44	36.38	50.02	6	1.258
█	6 x 1.5	1	23.44	27.06	37.26	6	.919
█	6 x 1	1	16.02	18.00	25.58	6	.641
█	6 x .75	2	11.67	13.89	18.38	12	.464
█	5 x 2.5	1	32.70	37.70	51.98	6	1.330
█	5 x 2	1	26.08	29.48	41.53	6	1.014
█	5 x 1.5	2	19.42	22.60	31.46	6	.777
█	5 x 1.25	1	16.20	18.68	25.41	6	.645
█	5 x 1	2	13.08	15.66	21.27	6	.524
█	5 x .75	3	10.26	11.84	15.91	12	.408
█	4.5 x 2	1	24.16	27.86	38.36	6	.946
█	4.5 x 1.5	2	17.76	20.54	28.19	6	.696
█	4 x 2	2	21.10	24.36	32.19	6	.825
█	4 x 1.5	2	15.66	18.28	24.64	6	.616
█	4 x 1.25	2	13.04	13.14	21.12	6	.520
█	4 x 1	3	9.73	12.22	16.51	12	.429
█	4 x .75	3	7.72	9.02	12.66	12	.308
█	3.5 x 2	1	18.30	22.18	28.67	6	.748
█	3.5 x 1.5	2	13.68	15.98	21.56	6	.551
█	3.5 x 1	3	8.82	10.36	14.07	12	.370
█	3 x 2	2	15.70	17.36	24.91	6	.626
█	3 x 1.5	2	11.14	13.12	18.26	12	.457
█	3 x 1.25	3	8.84	11.20	15.32	12	.401
█	3 x 1	3	7.65	9.14	12.86	12	.315
█	3 x .75	4	5.90	6.50	8.96	12	.224
█	2.5 x 2	2	12.60	14.78	19.93	6	.520
█	2.5 x 1.5	3	10.08	11.36	15.28	12	.401
█	2.5 x 1.25	3	7.72	9.28	12.92	12	.325
█	2.5 x 1	4	6.40	7.44	10.49	12	.261
█	2.5 x .75	6	4.70	5.26	7.65	12	.188
█	2 x 1.5	3	7.54	8.66	11.49	12	.286
█	2 x 1.25	4	6.52	7.66	10.36	12	.252
█	2 x 1	6	5.00	6.10	8.19	12	.206
█	2 x .75	6	3.60	4.16	5.71	12	.151
█	1.75 x 1.25	4	5.50	6.56	8.68	12	.219
█	1.5 x 1	6	3.70	4.18	5.77	12	.144
█	1.5 x .75	8	2.94	3.12	4.33	12	.109

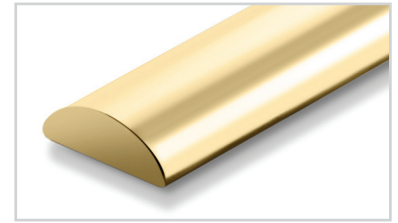
No spooling. Coiled only.






































Can be spooled.



## SWH - Half Round Wire Specifications

Gold and platinum carried in straight 1 foot lengths, read to ship. Also available made to order in coiled form for an additional \$25 mfg charge. Sterling silver carried in coil form, weight in troy ounces per foot. If ordering over 2 feet in 1 foot pieces, the cutting/straightening charge is \$0.75 per cut. Platinum minimum orders are half those stated for gold.



Stock Sizes			Gold	14K	18K	950 PTR	Silver	
Cross Section	MM	GA	Min Order Inch	Approximate dwt/ft			Min Order Inch	oz/ft
	8.25 x 4.17	0	1	75.53	89.27	124.02	6	2.750
	7.92 x 5.71		1	102.70	121.38	168.63	6	3.870
	8 x 2		1	30.60	35.28	48.56	6	1.218
	8 x 1.5		1	22.80	26.28	32.13	6	.898
	7 x 2.5		1	37.04	41.80	57.56	6	1.411
	7 x 2		1	27.42	31.98	43.57	6	1.102
	7 x 1.5		2	19.78	22.90	31.52	6	.721
	6 x 3		1	38.80	44.24	58.38	6	1.514
	6 x 2.5		1	31.34	36.14	49.75	6	1.258
	6 x 2		1	24.54	29.06	38.95	6	.947
	6 x 1.5		1	18.18	20.96	27.44	6	.688
	5 x 3		1	31.42	36.64	49.87	6	1.269
	5 x 2.5	4	1	27.58	30.40	40.78	6	1.054
	5 x 2		1	20.48	23.20	32.54	6	.851
	5 x 1.5		2	16.32	18.54	25.75	6	.670
	5 x 1		3	10.60	11.20	14.84	12	.374
	4.5 x 2		1	19.62	22.62	31.15	6	.757
	4.5 x 1.5		2	14.14	15.80	22.27	6	.559
	4 x 2	6	2	17.66	20.22	27.00	6	.691
	4 x 1.5		2	12.56	15.76	20.99	6	.519
	4 x 1		3	8.73	11.19	11.62	12	.293
	3.5 x 2		2	15.06	17.16	23.66	6	.610
	3.5 x 1.5		2	12.00	12.36	17.97	12	.459
	3 x 2		2	12.50	14.54	21.04	6	.506
	3.25 x 1.62	8	2	11.18	13.21	18.36	12	.424
	3 x 1.5		3	9.83	11.42	15.59	12	.405
	3 x 1		4	6.46	8.31	10.92	12	.222
	2.9 x 1.45	9	3	8.95	10.58	13.63	12	.339
	2.5 x 2		3	10.26	11.96	16.49	12	.418
	2.5 x 1.5		3	7.96	9.28	12.70	12	.323
	2.5 x 1.25	10	4	6.50	7.96	10.67	12	.250
	2.30 x 1.15	11	4	5.70	6.74	9.36	12	.216
	2.25 x 1.5		3	7.62	8.90	11.97	12	.282
	2 x 1.5		3	6.60	7.96	10.84	12	.271
	2 x 1	12	6	4.11	4.96	6.75	12	.161
	1.80 x .90	13	6	3.56	4.21	5.85	12	.135
	1.75 x 1		6	3.61	4.16	5.04	12	.146
	1.625 x .81	14	6	2.90	3.43	4.76	12	.110
	1.5 x 1		6	3.36	3.76	5.15	12	.136
	1.5 x .75	15	6	2.44	2.64	3.79	12	.108
	1.25 x .625	16	12	1.65	1.97	2.61	12	.058
	1 x .5	18	12	1.10	1.28	1.42	12	.035

**STANDARD METALS**  
Allow an average of 4 business days for delivery if regular temper for up to 10 oz gold and ordered before 5pm EST for:

- 14K White (14W)
- 14K Yellow (14Y)
- 18K Royal Yellow (18R)
- 18K Yellow (18Y)
- Sterling Silver (STR)

**GET IT FAST** ⚡

**For faster delivery, we stock 1 ft pieces in the above metals.**

**FAIRMINED METALS**  
Allow an average of 5-15 business days for delivery if regular temper for up to 10 oz gold and ordered before 5pm EST for:

- Fairmined - Standard**
- Fairmined 14K White Gold (FW4)
  - Fairmined 14K Yellow Gold (F14)
  - Fairmined 18K Royal Yellow Gold (F18)
  - Fairmined 24K Gold (F24)
  - Fairmined Eco 18K High Yellow Gold (EY8)
  - Fairmined Eco 24K Gold (E24)

**See MADE TO ORDER Fairmined Metal options on our website.**

**MADE TO ORDER METALS**  
Allow an average of 5-15 business days for delivery on these MTO metals:

- 10K Red Gold (10P)
- 10K White Gold (10W)
- 10K Yellow Gold (10Y)
- 14K Palladium White Gold (14D)
- 14K Green Gold (14G)
- 14K Red Gold (14P)
- 14K Royal Yellow Gold (14R)
- 14K High Yellow Gold (HY4)
- 18K Palladium White Gold (18D)
- 18K High Yellow Gold (HY8)
- 18K Peach Gold (18F)
- 18K Green Gold (18G)
- 18K Pink Gold (18P)
- 18K White Gold (18W)
- 18K Red Gold (18Z)
- 22K Yellow Gold (22Y)
- 24K Yellow Gold (24Y)
- Coin Silver (AGC)
- Fine Silver (FIN)
- TruSilver (TS)
- 90% Platinum/10% Iridium (PTI)
- Pure Platinum (PTP)
- 95% Platinum/5% Ruthenium (PTR)
- Pure Palladium (PDP)
- 500 Palladium (PD5)

**Do you have your own metal that is not part of the Hoover & Strong range?**

If so, please call about our custom manufacturing service. Minimums and additional charges apply. Any metals that require special treatments (like annealing or hardening) will require additional delivery time.

**CUSTOM METALS**  
Allow an average of 20-30 business days for delivery on custom metals. Minimum order quantities will apply.

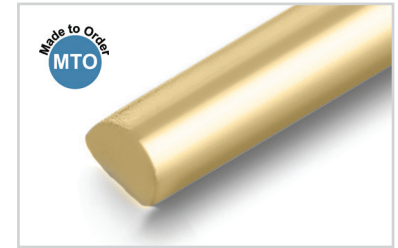
No spooling. Coiled only.

Can be spooled.

## SHR - Small Half Round Wire Specifications

Small diameter half round wire. This size wire is ideal for wire wrapping. Because of the additional labor involved in manufacturing small diameter half round wire, there is an additional labor charge. Gold prices are per pennyweight (DWT). Available in 14KY and Sterling Silver only.

Stock Sizes			Gold	14K	Silver	
Cross Section	MM	GA	Min Order Inch	Approximate dwt/ft	Min Order Inch	oz/ft
▲	.81 x .41	20	12	.71	24	.027
-	.70 x .35	21	12	.61	24	.023

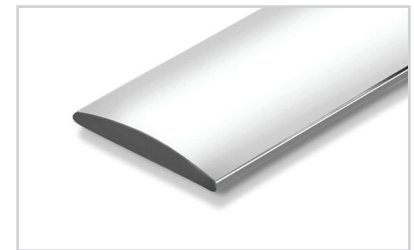


See metal options on our website.


















For more information and live pricing, please visit our website at [www.hooverandstrong.com](http://www.hooverandstrong.com).

## LDW - Low Dome Wire Specifications

Low Dome wires have been specifically designed to remove the sharp edges versus traditional half round wires. Flat sides have been incorporated into the profile to enhance bracelet and ring designs. This allows for comfortable, lightweight wires in wider profiles as shown in size 12 X 1.7MM below.



Gold carried in straight 1 foot lengths ready to ship. Also available made to order in coiled form for an additional \$25 mfg charge. Silver supplied in coiled form over 2 feet. If over 2 feet in 1 foot pieces, the cutting/straightening charge is \$0.75 per cut.

Stock Sizes		Gold & Platinum Min = 1"	14K	18K	950 PTR	Silver Min = 1 ft
Cross Section	MM	Inch	Approximate dwt/ft			oz/ln
	8 x 2	.315 x .079	2.60	2.99	4.10	.101
	6 x 2	.236 x .079	2.10	2.42	3.31	.082
	18 x 1.7	.709 x .067	5.46	6.29	8.97	.213
	15 x 1.7	.590 x .067	4.58	5.28	7.52	.179
	12 x 1.7	.472 x .067	3.60	4.15	5.91	.140
	10 x 1.7	.394 x .067	2.90	3.34	4.43	.113
	8 x 1.7	.315 x .067	2.40	2.76	3.47	.094
	12 x 1.5	.472 x .059	3.10	3.57	5.09	.121
	10 x 1.5	.394 x .059	2.60	2.99	4.17	.102
	8 x 1.5	.315 x .059	2.20	2.53	3.11	.086
	6 x 1.5	.236 x .059	1.60	1.84	2.48	.063
	5 x 1.5	.197 x .059	1.28	1.47	1.95	.050
	4 x 1.5	.157 x .059	1.08	1.24	1.81	.042
	10 x 1.4	.394 x .055	2.74	3.27	7.52	.109
	12 x 1.25	.472 x .049	2.72	3.14	4.50	.106
	8 x 1.25	.315 x .049	1.80	2.02	4.47	.070
	6 x 1.25	.236 x .049	1.40	1.61	1.97	.054

### STANDARD METALS

Allow an average of 4 business days for delivery if regular temper for up to 10 oz gold and ordered before 5pm EST for:

14K White (14W)  
14K Yellow (14Y)  
18K Royal Yellow (18R)  
18K Yellow (18Y)  
Sterling Silver (STR)

**GET IT  
FAST** ⚡

**For faster delivery, we stock 1 ft pieces in the above metals.**

### FAIRMINED METALS

Allow an average of 5-15 business days for delivery if regular temper for up to 10 oz gold and ordered before 5pm EST for:

#### Fairmined - Standard

Fairmined 14K White Gold (FW4)  
Fairmined 14K Yellow Gold (F14)  
Fairmined 18K Royal Yellow Gold (F18)  
Fairmined 24k Gold (F24)  
Fairmined Eco 18K High Yellow Gold (EY8)  
Fairmined Eco 24K Gold (E24)

**See additional Made To Order metals listed on our website.**

**SWS - Square Wire Specifications**

Gold stock carried in straight 1 foot lengths ready to ship. Square wire up to 3mm can be coiled for an additional \$25 mfg charge. Sterling silver weight in troy ounces per foot. Silver supplied in coiled form over 2 feet. If over 2 feet in 1 foot pieces, the cutting/straightening charge is \$0.75 per cut. Platinum minimum orders are half that stated for gold.

**Please Note:** If coiling 3 x 3 SWS or larger, the wire section often "sets" on the corner of the shape and not on the flat.



Stock Sizes			Gold	14K	18K	950 PTR	Silver	
Cross Section	MM	GA	Min Order Inch	Approximate dwt/ft			Min Order Inch	oz/ft
■	6 x 6		1	94.98	109.72	150.75	3	3.725
■	5 x 5		1	64.88	74.24	102.99	3	2.541
■	4 x 4	6	1	41.32	49.00	66.47	6	1.616
■	3.5 x 3.5		1	31.40	37.02	51.43	6	1.263
■	3 x 3	8	1	23.06	26.64	36.07	6	.915
■	2.75 x 2.75		2	19.90	22.75	31.40	6	.792
■	2.5 x 2.5	10	2	16.64	19.20	25.64	6	.661
■	2.25 x 2.25		2	13.20	15.68	20.95	6	.520
■	2 x 2	12	3	10.36	12.04	16.39	12	.410
■	1.75 x 1.75	13	3	7.78	9.28	11.63	12	.309
■	1.5 x 1.5	14	4	5.51	6.48	8.80	12	.229
■	1.25 x 1.25	16	6	3.97	4.58	6.23	12	.157
■	1 x 1	18	9	2.42	2.94	4.00	12	.097
■	.75 x .75	21	12	1.44	1.66	2.29	24	.056
■	.7 x .7		12	1.32	1.57	2.17	24	.052
■	.625 x .625	22	18	1.05	1.23	1.66	24	.050
■	.5 x .5	24	18	0.75	0.89	1.18	24	.030

No spooling. Coiled only.

Can be spooled.

**STANDARD METALS**

Allow an average of 4 business days for delivery if regular temper for up to 10 oz gold and ordered before 5pm EST for:

- 14K White (14W)
- 14K Yellow (14Y)
- 18K Royal Yellow (18R)
- 18K Yellow (18Y)
- Sterling Silver (STR)

**GET IT FAST** ⚡

**For faster delivery, we stock 1 ft pieces in the above metals.**

**FAIRMINED METALS**

Allow an average of 5-15 business days for delivery if regular temper for up to 10 oz gold and ordered before 5pm EST for:

- Fairmined - Standard
- Fairmined 14K White Gold (FW4)
- Fairmined 14K Yellow Gold (F14)
- Fairmined 18K Royal Yellow Gold (F18)
- Fairmined 24k Gold (F24)
- Fairmined Eco 18K High Yellow Gold (EY8)
- Fairmined Eco 24K Gold (E24)

**See MADE TO ORDER Fairmined Metal options on our website.**

**MADE TO ORDER METALS**

Allow an average of 5-15 business days for delivery on these MTO metals:

- 10K Red Gold (10P)
- 10K White Gold (10W)
- 10K Yellow Gold (10Y)
- 14K Palladium White Gold (14D)
- 14K Green Gold (14G)
- 14K Red Gold (14P)
- 14K Royal Yellow Gold (14R)
- 14K High Yellow Gold (HY4)
- 18K Palladium White Gold (18D)
- 18K High Yellow Gold (HY8)
- 18K Peach Gold (18F)
- 18K Green Gold (18G)
- 18K Pink Gold (18P)
- 18K White Gold (18W)
- 18K Red Gold (18Z)
- 22K Yellow Gold (22Y)
- 24K Yellow Gold (24Y)
- Coin Silver (AGC)
- Fine Silver (FIN)
- TruSilver (TS)
- 90% Platinum/10% Iridium (PTI)
- Pure Platinum (PTP)
- 95% Platinum/5% Ruthenium (PTR)
- Pure Palladium (PDP)
- 500 Palladium (PD5)

**Do you have your own metal that is not part of the Hoover & Strong range?**

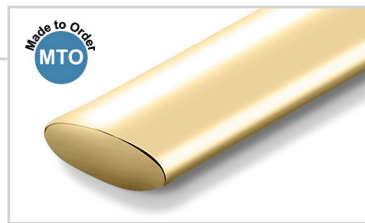
If so, please call about our custom manufacturing service. Minimums and additional charges apply. Any metals that require special treatments (like annealing or hardening) will require additional delivery time.

**CUSTOM METALS**

Allow an average of 20-30 business days for delivery on custom metals. Minimum order quantities will apply.

**SWO - Oval Wire Specifications**

Gold stocked in straight 1 foot lengths ready to ship. Coiled oval wire provided upon request for an additional \$25 mfg charge. Silver supplied in coiled form over 2 feet (1/2 oz minimum). Oval wires can only be manufactured in the sizes listed. Oval wire can be manufactured in other metals as special order.






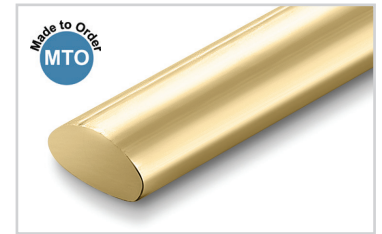
Stock Sizes			Gold	14K	18K	Silver	
Cross Section	MM	Min Order Inch	Approximate dwt/ft			Min Order Inch	oz/ft
●	1.5 x 1	8	3.08	3.67		12	.121
●	2 x 1.5	4	6.10	7.27		12	.242
●	2.5 x 1.5	3	7.54	8.98		12	.294
●	2.8 x 2	2	10.80	12.88		12	.430
●	3 x 2	2	12.04	14.35		12	.480
●	4 x 1.5	2	12.05	14.36		12	.474



**SWE - EZfit® Wire Specifications**

Standard metals only carried in straight 1 foot lengths. All other metals are MTO or special order. Coiled EZfit® wire provided upon request for an additional \$25 mfg charge. Silver supplied in coiled form over 2 feet (1/2 oz minimum). EZfit® wires can only be manufactured in the sizes listed. EZfit® wire can be manufactured in other metals as special order.


Stock Sizes		Gold	14K	18K	Silver	
Cross Section	MM	Min Order Inch	Approximate dwt/ft		Min Order Inch	oz/ft
	3 x 2	2	12.00	14.30	12	.480
	4 x 2	2	15.66	18.66	12	.640
	5 x 2	2	19.98	23.81	12	.792

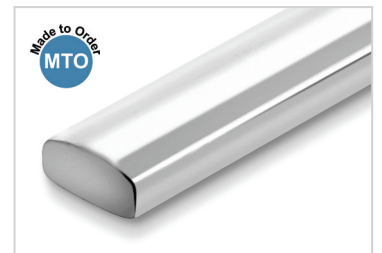


See metal options on our website.

**CZY - Crazy 8 Wire Specifications**

Standard metals only carried in straight 1 foot lengths. All other metals are MTO or special order. Also available made to order in coiled form. Silver supplied in coiled form over 2 feet (1/2 oz minimum). If ordering over 2 feet in 1 foot pieces, \$0.75/ft cutting/straightening charge applied. Dimensions: 3.35 x 1.65MM

Stock Sizes		Gold	14K	18K	Silver	
Cross Section	MM	Min Order Inch	Approximate dwt/ft		Min Order Inch	oz/ft
	3.35 x 1.65	2	12.82	15.16	6	.507



See metal options on our website.

**STW - Twisted Wire Specifications**

This is a solid one piece wire available in Sterling Silver only. Silver supplied in coiled form over 2 feet. If ordering over 2 feet in 1 foot pieces, the cutting/straightening charge is \$0.75 per cut.

Stock Sizes		Silver
GA	Min Order Feet	oz/ft
20	10	.048
18	10	.060
16	5	.120
14	3	.168
12	2	.276
10	1	.420



**STANDARD METALS**

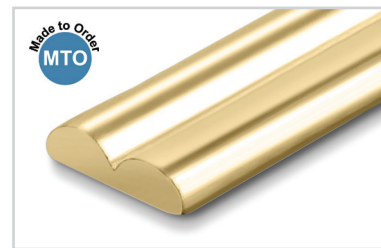
Next day shipping if regular temper, under 25 feet and ordered before 5 pm Eastern time.

Sterling Silver (STR)



**DHR - Double Half Round Wire Specifications**

Gold and silver supplied in coiled form over 2 feet (1/2 oz minimum). If ordering over 2 feet in 1 foot pieces, there is a \$0.75/ft cutting/straightening charge applied.

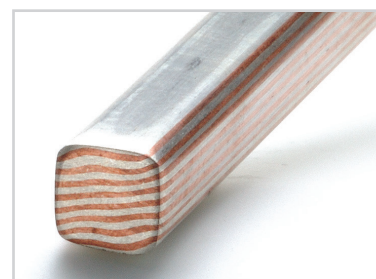


See metal options on our website.

Stock Sizes				14K Yellow	Silver
Cross Section	MM	Inches	Min Order Inch	Approx dwt/ft	oz/ft (Min 1 ft)
	3 x .9	.120 x .035	4	4.62	.231
	4 x 1	.160 x .040	3	6.80	.340
	5 x 1.32	.200 x .052	2	10.84	.542
	6.6 x 2.16	.260 x .085	1	23.68	1.184

**WSQ - Mokume Gane Wire**

Un-patterned 6mm Square Wire. Minimum order 2" length, maximum 6" length. Wire products must be ordered in 2" increments.



Stock Sizes				18R/STR
Cross Section	MM	Inches	Min Order Inch	Approx dwt/ft (Min 1 ft)
	6 x 6	.23 x .23	2	93.650

**SWT - Triangle and Trillion Wire Specifications**

Trillion wires were developed by Hoover & Strong to help jewelers size knife edge and high shoulder shanks more efficiently.

These wires are closer to the actual profile of the shank, meaning your sizing wire order weighs less than the traditional flat or square wire profiles used for this service.

Trillions wires have curved sides. This wire can also be used for making rings and bangles.

Silver supplied in coiled form over 2 feet (1/2 oz minimum). If ordering over 2 feet in 1 foot pieces, there is a \$0.75/ft cutting/straightening charge applied. Minimum silver order is 1 foot.

See metal options on our website.

**Triangle Wire**

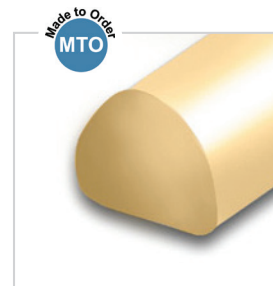
Stock Sizes		Gold	14K Yellow	Silver
Cross Section	MM	Min Order Inch	Approx dwt/ft	oz/ft (Min 1 ft)
	2.5 x 2	3	9.44	.366
	3.25 x 2.5	2	13.22	.564
	4 x 2	2	14.84	.553
	6 x 3.75	1	41.84	1.534
	9.2 x 5.5	1	77.14	2.921



Triangle wires have flat sides with curved corners.

**Trillion Wire**

Stock Sizes		Gold	14K Yellow	Silver
Cross Section	MM	Min Order Inch	Approx dwt/ft	oz/ft (Min 1 ft)
	2.28 x 2.10	3	9.41	0.356
	2.71 x 2.49	2	12.94	0.490
	2.97 x 2.54	2	15.36	0.581



Trillion wires have curved sides.

**SWP - Pattern Wire Specifications**

Hoover & Strong pattern wires are made to order, with 5 day delivery available in 14K and Sterling Silver foot pieces. Silver is supplied in coil form over 2ft unless otherwise requested. If ordering over 2ft in 1ft pieces, the cutting/straightening charge is \$0.75 per cut.

Large quantity coils are available on request for an additional \$25 mfg charge. Please allow up to 5-15 days for shipping coils of half bead wires. Pattern wires are available in all other metals with a \$25 mfg charge. All dimensions and weights are approximate and may vary slightly from batch to batch.

Styles and Sizes				14K Yellow	Silver 1ft min
Style	Pattern	Min Order Inch	Size MM	Approx dwt/ft	Wt per ft (oz)
SWP1	Renaissance	3	3.00 x 1.50	7.40	.320
SWP2	Florentine	4	2.50 x 1.00	4.99	.196
SWP3	Heart	2	5.50 x 1.00	12.55	.424
SWP5	Flower	2	4.00 x 1.50	13.48	.615
SWP6	Hammered	2	4.00 x 1.50	14.24	.589
SWP7	Greek Key	2	3.50 x 1.25	10.96	.516
SWP8	Beaded	6	1.50 x 1.00	3.14	.125
SWP12	Twist Rope	3	3.07 x 1.40	8.26	.329
SWP14	Floral Elegant	3	2.54 x 1.32	6.46	.257
SWP15	Floral Garden	1	7.52 x 1.24	18.61	.741
SWP16	Floral Swoop	2	3.91 x 1.50	11.20	.446
SWP18	Greek	2	3.80 x 1.24	11.61	.462
SWP24	Diamond Lg	2	3.61 x 1.40	9.95	.396
SWP27	Fleur De Lis	3	3.76 x 1.19	7.86	.313
SWP28	Stately	3	3.45 x 1.50	10.07	.401
SWP29	Halfbead Sm	8	1.36 x 0.89	2.14	.085
SWP30	Halfbead Med	6	1.85 x 1.07	3.29	.127
SWP31	Halfbead Lg	4	2.39 x 1.22	4.77	.190
SWP32	Fancy Diamond	2	3.68 x 1.78	12.4	.470
SWP36	Extra Lg Berry	2	4.37 x 2.13	15.82	.600
SWP37	Multi Diamond	2	4.76 x 1.14	10.91	.414



For more information and live pricing,  
please visit our website at  
[www.hooverandstrong.com](http://www.hooverandstrong.com).

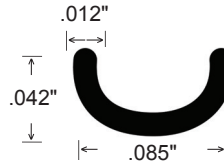


## CHW - Channel Wire Specifications

Not available spooled.

### Deep Channel Styles

Pattern	Style	Thickness x Height x Width (Inches)	Gold Min Order Inch	dwt/ft
Plain	CHW 1W	.014 x .027 x .045	12	1.212
Plain	CHW 2W	.013 x .033 x .060	12	1.860
Plain	CHW 3W	.012 x .042 x .085	8	2.619
Plain	CHW 4W	.010 x .020 x .038	18	0.631

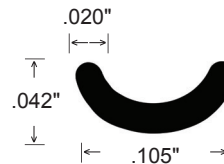


**Example CHW 3W**  
(Deep Channel)



### Shallow Channel Styles

Pattern	Style	Thickness x Height x Width (Inches)	Gold Min Order Inch	dwt/ft
Plain	CHW 5W	.015 x .042 x .085	8	2.900
Plain	CHW 6W	.020 x .042 x .105	6	3.385
Plain	CHW 7W	.013 x .029 x .075	12	1.693
Plain	CHW 8W	.013 x .026 x .060	12	1.358
Plain	CHW 9W	.020 x .043 x .101	6	3.955
Plain	CHW 10W	.014 x .046 x .076	8	2.527
Plain	CHW 11W	.015 x .044 x .105	6	4.200
Hammered	CHW 1WH	.016 x .035 x .090	8	2.194
Hammered	CHW 2WH	.017 x .050 x .102	8	2.912



**Example CHW 6W**  
(Shallow Channel)

### STANDARD METALS

Allow an average of 4 business days for delivery if regular temper for up to 10 oz gold and ordered before 5pm EST for:

14K White (14W)  
14K Yellow (14Y)  
18K Royal Yellow (18R)  
18K Yellow (18Y)  
Sterling Silver (STR)

**GET IT FAST** ⚡

*For faster delivery, we stock 1 ft pieces in the above metals.*

### FAIRMINED METALS

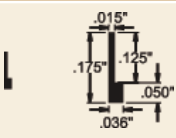
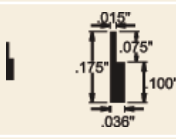

Allow an average of 5-15 business days for delivery if regular temper for up to 10 oz gold and ordered before 5pm EST for:

**Fairmined - Standard**  
Fairmined 14K White Gold (FW4)  
Fairmined 14K Yellow Gold (F14)  
Fairmined 18K Royal Yellow Gold (F18)  
Fairmined Eco 18K High Yellow Gold (EY8)

*See additional Made To Order metals listed on our website.*

## BZW - Step Bezel Wire Specifications

Gold prices per pennyweight (DWT). Stocked in 1 foot pieces. Coiled bezel wire can be special ordered for an additional \$25 mfg charge with extra delivery time. Step bezel can be manufactured in other metals as a special order.

Stock Sizes			Gold	14K	Silver				
Cross Section	Style	MM	Min Order Inch	Approx dwt/ft	Min Order Inch	oz/ft	Height Inch	Width Inch	Step Inch
	1B	4.5	3	6.68	12	.271	.175	.036	.050
	2B	4.5	3	8.70	12	.309	.175	.036	.100
	3B	3.0	4	5.01	12	.188	.125	.036	.055



### STANDARD METALS

Allow an average of 4 business days for delivery if regular temper for up to 10 oz gold and ordered before 5pm EST for:

14K White (14W)  
14K Yellow (14Y)  
18K Royal Yellow (18R)  
18K Yellow (18Y)  
Sterling Silver (STR)

**GET IT FAST** ⚡

*For faster delivery, we stock 1 ft pieces in the above metals.*

*See additional Made To Order metals listed on our website.*

## TBL - Light Wall Tubing Specifications

Tubing style names are by approximate MM. Exact measurements are noted in MM and Inch columns. Order by style name. Platinum available in limited gauges. No special sizes. Sterling silver weight in troy ounces per foot. Cutting charge \$1.50.

Style	Cross Section	Outside Dia		Inside Dia		Min Order By In	14KY	Ster Silv STR*	Insert Wire
		MM	Inch	MM	Inch		Approx dwt/ft	oz/ft	
TBL 1.6	○	1.62	.064	1.11	.044	6	-	.103	18GA
TBL 2	○	2.03	.080	1.52	.060	6	3.70	.152	15GA
TBL 2.25	○	2.28	.090	1.77	.070	4	4.08	.162	14GA
TBL 2.5	○	2.56	.101	2.05	.081	4	4.44	.185	13GA
TBL 3	○	2.89	.114	2.38	.094	4	-	.212	11GA
TBL 3.25	○	3.25	.128	2.74	.108	4	-	.253	10GA

Wall thickness: .010", 30ga, .25mm

For insert wire, note inside diameter in inches -  
.002" - .004" (smaller) is a rubbing fit to the tubing.  
.005" - .008" is a loose fit.



### STANDARD METALS

Next day shipping if regular temper, under 25 feet and ordered before 5 pm Eastern time.

14K Yellow (14Y)  
Sterling Silver (STR)

**GET IT FAST** ⚡



Tubing is not made with Harmony Recycled Metals.

## TBM - Medium Wall Tubing Specifications

Tubing style names are by approximate MM. Exact measurements are noted in MM and Inch columns. Order by style name. Platinum available in limited gauges. No special sizes. Sterling silver weight in troy ounces per foot. Cutting charge \$1.50.

**Please note that the 18K royal yellow tubing formula has changed slightly and the color is slightly more yellow than our previous 18K royal yellow tubing.**

Style	Cross Section	Outside Dia		Inside Dia		Min Order By In	14K	18K	Plat	Ster Silv STR*	Insert Wire
		MM	Inch	MM	Inch		Approx dwt/ft			oz/ft	
TBM 2	○	2.13	.084	1.37	.054	4	5.42	-	-	-	17GA
TBM 2.5	○	2.56	.097	1.70	.067	3	6.03	7.19	9.94	.239	15GA
TBM 3	○	3.02	.119	2.26	.089	2	9.00	10.65	14.12	.312	13GA
TBM 3.25	○	3.10	.122	2.33	.090	2	-	11.53	-	.324	12GA
TBM 4	○	3.86	.152	3.09	.122	2	-	-	-	.446	9GA
TBM 5	○	4.87	.192	4.11	.162	2	-	-	-	.543	7GA
TBM 6	○	5.86	.231	5.10	.201	2	-	-	-	.709	5GA

Wall thickness: .015" - .016", 26ga, .38mm - .4mm



### STANDARD METALS

Next day shipping if regular temper, under 25 feet and ordered before 5 pm Eastern time.

14K White (14W)  
14K Yellow (14Y)  
18K Royal Yellow (18R)  
950 Plat/Ruth (PTR)  
Sterling Silver (STR)

**GET IT FAST** ⚡



Tubing is not made with Harmony Recycled Metals.

## TBH - Heavy Wall Tubing Specifications

Tubing style names are by approximate MM. Exact measurements are noted in MM and Inch columns. Order by style name. Platinum available in limited gauges. No special sizes. Sterling silver weight in troy ounces per foot. Cutting charge \$1.50.

**Please note that the 18K royal yellow tubing formula has changed slightly and the color is slightly more yellow than our previous 18K royal yellow tubing.**

Style	Cross Section	Outside Dia		Inside Dia		Min Order By In	14KY	14KW	18K	Plat	Ster Silv STR*	Insert Wire
		MM	Inch	MM	Inch							
TBH 2	●	2.03	.080	1.00	.040	3	-	-	7.08	-	.241	19GA
TBH 2.25	●	2.31	.091	1.29	.051	3	-	-	8.64	-	-	17GA
TBH 2.5	●	2.56	.101	1.54	.061	3	8.06	-	9.96	-	.323	15GA
TBH 3	●	2.89	.114	1.88	.074	2	9.45	-	11.92	-	.396	13GA
TBH 3.25	●	3.25	.128	2.23	.088	2	-	-	13.56	-	.447	12GA
TBH 3.5	●	3.55	.140	2.54	.100	2	12.16	12.16	14.29	20.86	.488	11GA
TBH 4	●	4.11	.162	3.10	.122	2	14.74	14.74	17.58	24.29	.586	9GA
TBH 4.5	●	4.57	.180	3.55	.140	2	16.00	16.00	19.05	-	.645	8GA

Wall thickness: .020", 24ga, .5mm



### STANDARD METALS

Next day shipping if regular temper, under 25 feet and ordered before 5 pm Eastern time.

14K White (14W)  
14K Yellow (14Y)  
18K Royal Yellow (18R)  
950 Plat/Ruth (PTR)  
Sterling Silver (STR)

**GET IT FAST** ⚡



Tubing is not made with Harmony Recycled Metals.

## TBX - Extra Heavy Wall Tubing Specifications

Style	Cross Section	Outside Dia		Inside Dia		Min Order By In	14KY	14KW	18K	Plat	Ster Silv STR*	Insert Wire
		MM	Inch	MM	Inch							
TBX 5	●	4.82	.190	3.55	.140	1	20.27	20.27	20.60	38.00	.834	8GA
TBX 5.5	●	5.61	.221	4.34	.171	1	22.63	22.63	26.59	38.62	.900	6GA
TBX 6	●	6.12	.241	4.85	.191	1	25.41	25.41	29.85	43.00	1.130	5GA
TBX 6.5	●	6.68	.263	5.41	.213	1	31.15	31.15	35.42	49.68	1.199	3GA
TBX 7.25	●	7.23	.285	5.96	.235	1	32.34	32.34	-	-	-	3GA
TBX 7.5	●	7.62	.300	6.35	.250	1	35.54	-	-	-	1.419	3GA
TBX 8	●	8.12	.320	6.85	.270	1	39.23	39.23	-	-	1.522	2GA
TBX 8.5	●	8.63	.340	7.36	.290	1	40.88	40.88	-	-	1.626	1GA

Wall thickness: .025", 22ga, .625mm



### STANDARD METALS

Next day shipping if regular temper, under 25 feet and ordered before 5 pm Eastern time.

14K White (14W)  
14K Yellow (14Y)  
18K Royal Yellow (18R)  
950 Plat/Ruth (PTR)  
Sterling Silver (STR)

**GET IT FAST** ⚡



Tubing is not made with Harmony Recycled Metals.



**SD - Plumb Gold Solder**

Hoover and Strong plumb gold solders comply with the Gold and Silver Stamping Act Amendments. No minus tolerances. Our white gold, platinum and silver, in 5 DWT. Approximate Size 1 5/8 x 1/2 x .010 inch (30 ga).

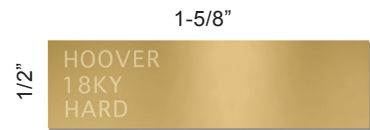
**Supplied in 1 dwt packages.** Approximate size is 1 5/8 x 1/2 x .010 inch (30 ga). Any solder can be made clipped for a 20 dwt minimum. Our white gold, platinum and silver (450 to 800) solders do not contain cadmium.

**Ready to ship next day.**

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THE INDUSTRY!**



Approximate Size  
1 dwt piece

Solder	Karat	Melt Pt	Flow Pt	Cadmium-Free	Recommended Use
10K Yellow Hard	10K	1290°F	1425°F	no	sizing/fabrication
10K Yellow Medium	10K	1225°F	1270°F	no	sizing/2nd fab
10K White Hard	10K	1310°F	1395°F	yes	sizing/fabrication
14K Yellow Hard	14K	1375°F	1460°F	no	sizing/fabrication
14K Yellow Medium	14K	1345°F	1440°F	no	sizing/2nd fab/tipping
14K Yellow Easy	14K	1305°F	1415°F	no	sizing/chain repair
14K Yellow Extra Easy	14K	1105°F	1255°F	no	fine chain repair
14K White Hard	14K	1350°F	1440°F	yes	sizing/fabrication
14K White Medium	14K	1300°F	1330°F	yes	sizing/2nd fab
14K White Easy	14K	1240°F	1290°F	yes	sizing/3rd fab
14K Pall White Hard	14K	1360°F	1460°F	yes	sizing/fabrication
14K Red Hard	14K	1655°F	1680°F	no	sizing/fabrication
14K Red Medium	14K	1580°F	1610°F	no	sizing/fabrication
14K Green Hard	14K	1290°F	1450°F	no	sizing/fabrication
18K Yellow Hard	18K	1420°F	1525°F	no	sizing/fabrication
18K Yellow Medium	18K	1345°F	1480°F	no	sizing/fabrication
18K Yellow Easy	18K	1095°F	1255°F	no	sizing/3rd fab
18K Royal Yellow	18K	1430°F	1535°F	no	sizing/fabrication
18K White Hard	18K	1395°F	1445°F	yes	sizing/fabrication
18K White Medium	18K	1325°F	1360°F	yes	sizing/fabrication
18K White Easy	18K	1285°F	1310°F	yes	sizing/fabrication
18K Pall White Hard	18K	1785°F	1840°F	yes	sizing/fabrication
18K Pink Hard	18K	1350°F	1525°F	no	sizing/fabrication
18K Green Hard	18K	1495°F	1560°F	no	sizing/fabrication
20K White Hard	20K	1565°F	1615°F	yes	sizing/tipping
21K Yellow Hard	21K	1530°F	1660°F	no	sizing/fabrication

**SR - Repair Gold Solder**

Our repair solders are lower karat and also are easy flowing. Because these solders are lower karat, they may not color match our karat gold as well as our plumb gold solders. Approximate size is 1 5/8 x 1/2 x .010 inch (30 ga).

Ready to ship next day.

**GET IT  
FAST** ⚡



Solder	Karat	Melt Pt	Flow Pt	Cadmium-Free	Recommended Use
All Purpose Yellow	5K	1110°F	1290°F	no	general repair/fine chain
All Purpose White	4K	1220°F	1285°F	yes	general repair
10 Yellow Easy	6K	1285°F	1315°F	no	general repair/sizing
10 White Easy	6K	1230°F	1335°F	yes	general repair/sizing
14 Yellow Easy	10K	1290°F	1425°F	no	general repair/sizing
14 White Easy	10K	1195°F	1325°F	yes	general repair/sizing
N-14 Yellow	12K	1490°F	1520°F	yes	sizing/welding
18 Yellow Easy	14K	1375°F	1460°F	no	general repair/sizing
18 White Easy	15K	1305°F	1365°F	yes	general repair/sizing

**SDC - Clip Solder**

Supplied in 1 dwt packages. Approximate size is .045 x .045 x .010 inch (30 ga).

Ready to ship next day.

**GET IT  
FAST** ⚡



	Solder	Karat	Melt Pt	Flow Pt	Cadmium-Free	Recommended Use
<b>SDC</b>	10K Yellow Hard	10K	1290° F	1425° F	no	general repair
	14K Yellow Hard	14K	1375° F	1460° F	no	sizing/fabrication
	14K Yellow Medium	14K	1345° F	1440° F	no	sizing/2nd fab/tipping
	14K Yellow Easy	14K	1305° F	1415° F	no	sizing/fabrication
	14K Yellow Ex Easy	14K	1105° F	1255° F	no	fine chain repair
	14K White Hard	14K	1350° F	1440° F	yes	sizing/fabrication
	18K Yellow Hard	18K	1420° F	1525° F	no	sizing/fabrication
	18K Yellow Medium	18K	1345° F	1480° F	no	sizing/fabrication
<b>SRC</b>	10 Yellow Easy	6K	1285° F	1315° F	no	general repair/sizing
	14 Yellow Easy	10K	1290° F	1425° F	no	general repair/sizing
	14 White Easy	10K	1195° F	1325° F	yes	general repair/sizing

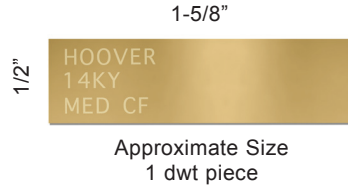
**SD - Cadmium-Free Plumb Gold Solder**

**Supplied in 1 dwt packages.**

Approximate size is 1 5/8 x 1/2 x .010 inch (30 ga).

**Ready to ship next day.**

**GET IT  
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Solder	Melt Pt	Flow Pt	Cadmium-Free	Recommended Use
10K Yellow Hard CF	1425° F	1460° F	yes	sizing/fabrication
14K Yellow Hard CF	1460° F	1480° F	yes	sizing/fabrication
14K Yellow Med CF	1390° F	1420° F	yes	sizing/2nd fab
14K Yellow Easy CF	1260° F	1345° F	yes	sizing/chain repair
18K Yellow Hard CF	1410° F	1470° F	yes	sizing/2nd fab
18K Yellow Med CF	1345° F	1410° F	yes	sizing/2nd fab
18K Yellow Easy CF	1290° F	1320° F	yes	sizing/3rd fab



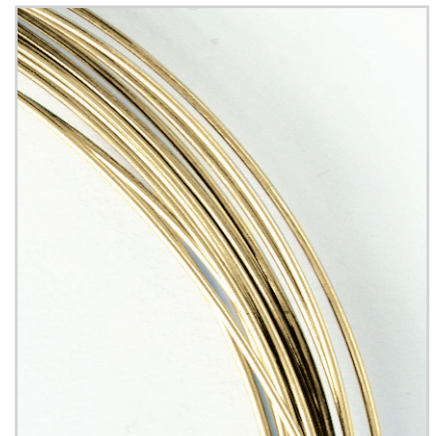
**BEST SOLDER IN THE INDUSTRY!**

**SDW - Gold Wire Solder**

Wire solders are approximately 9" per dwt. Wire solder is cut by hand and may weigh slightly more than ordered.

**Ready to ship next day.**

**GET IT  
FAST** ⚡



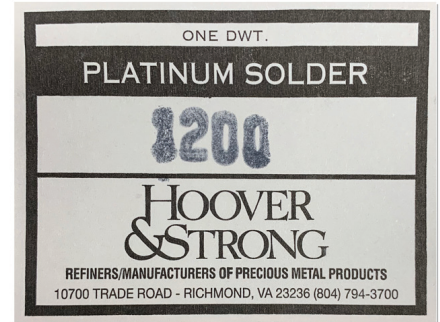
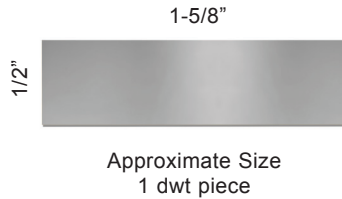
Solder	Karat	Melt Pt	Flow Pt	Cadmium-Free	Recommended Use
14K Yellow Hard	14K	1375° F	1460° F	no	sizing fabrication
14K Yellow Medium	14K	1345° F	1440° F	no	sizing/2nd fab/tipping
14K Yellow Easy	14K	1305° F	1415° F	no	sizing/chain repair
14K Yellow Ex Easy	14K	1105° F	1255° F	no	fine chain repair
18K Yellow Medium	18K	1345° F	1480° F	no	sizing/fabrication

## SD - Platinum Solder

**Supplied in 1 dwt packages.** Cadmium Free. Approximate size is 1 5/8 x 1/2 x .010 inch (30 ga). Wire solder is cut by hand and may weigh slightly more than ordered. **\*Also available in wire.**



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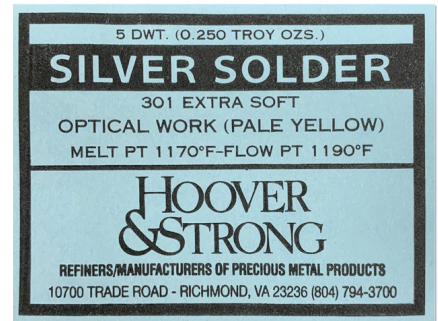


Solder	Description	Flow Pt °C	Flow Pt °F	Cadmium-Free	Recommended Use
1000	extra soft	1000° C	1832° F	yes	construction work
1100*	soft	1100° C	2012° F	yes	construction work
1200*	med	1200° C	2192° F	yes	construction work
1300*	hard	1300° C	2372° F	yes	construction work
1400	extra hard	1400° C	2552° F	yes	construction work
1500	welding	1500° C	2732° F	yes	sizing
1600	spec welding	1600° C	2912° F	yes	sizing
1700	seamless	1700° C	3092° F	yes	sizing
Pure Platinum	welding	1773° C	3224° F	yes	sizing

## SD - Silver Solder Sheets

**Supplied in 5 dwt packages.** Cadmium Free except 301. Approximate size is 2 1/2 x 1 1/2 x 28 ga. Solder number corresponds to the silver percentage in each solder.

Solder	Description	Melt Pt	Flow Pt	Cadmium-Free	Recommended Use
301	extra soft	1170° F	1190° F	no	optical (pale yellow)
450	extra soft	1235° F	1260° F	yes	hidden solder joints
560	soft	1145° F	1205° F	yes	general soldering applications
650	med	1265° F	1295° F	yes	sizing
750	med hard	1330° F	1375° F	yes	sizing/fabrication
800	hard	1370° F	1490° F	yes	sizing/bezel work



## SDW - Silver Wire Solder

**Sold by exact weight @ \$.50/dwt additional - one ounce minimum.** (0.036 inch (19 ga) diameter x 18 feet). Wire solder is cut by hand and may weigh slightly more than ordered.

(800 can be used for titanium eyeglass repairs.)

Solder	Melt Pt	Flow Pt	Cadmium-Free	Recommended Use
560 Wire	1145° F	1205° F	yes	general soldering applications
450 Wire	1235° F	1260° F	yes	hidden solder joints
650 Wire	1265° F	1295° F	yes	sizing
750 Wire	1330° F	1375° F	yes	sizing/fabrication
800 Wire	1370° F	1490° F	yes	sizing/bezel work



All silver wire solder is non-Harmony and is not recycled.



**FLX - Freeflow Flux**

**Supplied in 2 ounce bottles for only \$6.50.**

For all gold, silver and platinum soldering. This is a white borax-based paste which provides substantial oxide protection. This should be used in addition to a firecoat on the joints to be soldered. The flux becomes clear and fluid at 1100° F (600° C) which makes it a reliable temperature indicator.

**Ready to ship next day.**

**GET IT  
FAST** ⚡



**FLX - Firescoff™**

**Sold in 4 ounce bottles.**

Firescoff™ is a revolutionary heat activated ceramic spray coating. Firescoff™ combines a scale preventer, a high performance non-fluorinated flux for **only \$34.95** (for both hard and soft solder) and the convenience of easy removal in warm water, all-in-one. Firescoff™ is faster, offers more protection for gemstones, and features a no-acid warm water cleanup.

**Other benefits include:**

- Perform multiple soldering operations without waiting.
- Enjoy strong, non-brittle, void-free welds.
- Superior performance over boric acid & Batterns flux or paste flux.
- Provides stray heat protection for gemstones.
- Prevents scaling of metal alloys including gold, stainless steel, co
- Remove dangerous pickling acids from the workbench.
- Alcohol-free - no dangerous flash, no frustrating burn residue.
- No smell, no outgassing.
- Significant improvement in safety over traditional methods.

**Ready to ship next day.**

**GET IT  
FAST** ⚡



**LW - Laser Wire**

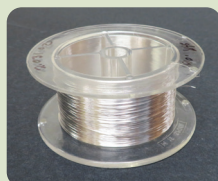
Jewelers use lasers with great success for a multitude of tasks: repairing porosity in castings, joining components, repairing pieces with stones in place and filigree work to name a few.

There are none of the potential problems with step soldering. You can do multiple joining operations without fear of re-melting any previous joins.

There are many advantages to using a laser for joining, but the foremost is "invisible joins". Laser welding uses the parent metal as the filler, not a solder. The result is seamless joins that wear and tarnish at the same rate as the remainder of the piece.

Using this ultra fine wire allows you to use less and save more.

**See all LW details on page 10.**



**BACK ON THE FAST TRACK!**

Enjoy improved lead times on Mill and Jewelry products today.

**GET IT FAST** ⚡

**Coins and Bullion**

Our Harmony coins and bullions are made with 100% Harmony recycled metals. We also offer a number of minted coins as an accommodation to our customers.



All minted coins (US, Canadian, Pandas and Krugerrands), regardless of karat metal, are non-Harmony and are not made from recycled metals.

**Coin & Bullion Payment:**

Fine Gold and Fine Silver coins and bullion orders will be priced at the metal market on the date order is received, if products are in stock. Large quantity and non stock items will be billed on the metal market of the following day.

New customers will be required to pay in advance by wire transfer.

Well established customers may choose from the following options:

**1. Wire transfer - Best Price!**  
We will provide the order total and wire transfer instructions. Metal markets will be held for three business days. If payment is received after this time, we reserve the right to re-calculate the order based on the metal market on the date payment is received.

**2. Credit Card**  
Product must ship to the billing or shipping address we have on file for your business. No drop shipments.

**3. Net 30**  
Account must be established and in good standing.

**Coins and Bullion Return Policy:**  
Coins and bullion will be accepted for credit through our refining services.

Gold payment is based on the metal markets of the date package is received.

**Fine Gold Coins**

Product	Diameter Inches
1 oz Harmony	1 1/4
1 oz. Mapleleaf	1 5/32
1/10 oz. Mapleleaf	5/8
1 oz Eagle (\$50.00)	1 1/4
1/2 oz Eagle (\$25.00)	1 1/16
1/4 oz Eagle (\$10.00)	7/8
1/10 oz Eagle (\$5.00)	5/8



**DSK - Harmony Disk in Gold or Silver**

**Fine Silver Coins**

Product	Diameter Inches
1 oz Harmony	1 1/2
1 oz Eagle	1 5/8



**ML - Gold Maple Leaf Coin**

**BUL - Pure Gold Bullion**

Pure Gold is available in 5 and 10 oz bullions. Please call for special order sizes such as kilo, 50oz and 100oz.



**AE - Gold American Eagle Coin**

**BUL - Fine Silver Bullion**

Fine Silver is available in 5oz, 10oz, 35.3oz and 100oz.



**AE - Silver American Eagle**

**Cast Fine Silver Bullion is available in 100 oz.**

