

## Special Information

This chapter contains easy to use Charts, Weights, Conversions, and our Guarantees and refund policy.

A one time read through will help you quickly find these items in the future. Although these pages may not be used very often, when need are indispensable.

## Chapter Index

### A

Alloy Percentages .....27

Anniversary List.....19

Apostles List.....18

### B

Baguette Weights .....2-5,6

Birthstone Lists.....15-19

### C

Casting Temperatures .....28

Coin Silver .....20

Colors of Gold .....20

Commercial Silver .....20

Conversion Tables .....22-26

### D

Decimals to Fractions .....29

Diamond Views .....10

Diamond Weight Estimator.....7,8

Diamond Weights .....2-6

### F

Fractions to Decimals .....30

### G

Gauge Chart.....32

Gemstone Weight Estimator.....14

Gemstone Weights.....11-13

German Silver .....20

GIA Grading .....9

Gold Electroplate .....20

Gold Filled .....20

Gold Solders.....20

Gold Weight Conversions.....26

Guarantee .....36-44

### H

Heavier than, Gold is.....25

High Priced Pages.....46

### K

Karat Gold Information.....20

### L

Lengths of Measure .....29

Lowering the Karat of Gold .....29

### M

Months, Birthstones .....15

### N

Nickel Silver .....20

### P

Pennyweights to Grams .....22

Pewter .....20

### R

Raising the Karat of Gold .....29

Ring Lengths.....30

Ring Sizes, country to country..32

Rolled Gold Plate .....20

### S

Sheffield Silver .....20

Specific Gravity .....24

Sterling Silver .....20

### T

Tribes of Israel List.....17

### V

Vermeil.....20

### W

Wax Weights.....34,35,36

Weights of Gold.....23

Weights, Diamonds .....2-6

Weights, Gemstones.....11-13

Wire BS Chart .....32

### Z

Zodiac List.....16

***Diamond  
Weights  
All Shapes***

**Round, Pear, Marquis, Oval, Emerald, Princess, and Triangle cuts. A Triangle cut is measured point to point.**

<b>Carat Weight</b>	<b>Round (MM)</b>	<b>Pear (MM)</b>	<b>Marquis (MM)</b>	<b>Oval (MM)</b>	<b>Emerald (MM)</b>	<b>Princess (MM)</b>	<b>Triangle (MM)</b>
.005	1.0						
.01	1.3						
.015	1.5						
.02	1.6					1.3 sq	
.025	1.7						
.03	1.9					1.5 sq	
.035	2.0						
.04	2.1		3x1.5				
.05	2.3						2.5x2.5
.06	2.5		3.5x1.8				
.07	2.6					2.0 sq	3.0x3.0
.08	2.7		4x2				
.09	2.8						
.10	2.9					2.2 sq	
.11	3.0		4.5x2.2				
.12	3.1					2.5 sq	3.5x3.5

# ***Diamond Weights All Shapes***

**Round, Pear, Marquis, Oval, Emerald, Princess, and Triangle cuts. A Triangle cut is measured point to point.**

<b>Carat Weight</b>	<b>Round (MM)</b>	<b>Pear (MM)</b>	<b>Marquis (MM)</b>	<b>Oval (MM)</b>	<b>Emerald (MM)</b>	<b>Princess (MM)</b>	<b>Triangle (MM)</b>
.14	3.2						
.15	3.3		5x2.5			2.8 sq	
.16	3.4						4.0x4.0
.17	3.5						
.18	3.6						
.20	3.7	4x2	5.5x2.8			3.0 sq	
.22	3.9						
.23	4.0						
.25	4.1		6x3	5x3	5x3	3.3 sq	4.5x4.5
.30	4.2	5x3					
.33	4.4					3.7 sq	5.0x5.0
.38	4.6		7x3.5				
.40	4.8					4.0 sq	5.5x5.5
.47	5.0						
.50	5.2	6x4	8x4	6x4	6x4	4.5 sq	6x6
.60	5.4						
.65	5.6					4.7 sq	
.75	5.8	7x5	9x4.5		6.5x4.5	5 sq	
.80	6.0				6.2		

# ***Diamond Weights All Shapes***

**Round, Pear, Marquis, Oval, Emerald, Princess, and Triangle cuts. A Triangle cut is measured point to point.**

<b>Carat Weight</b>	<b>Round (MM)</b>	<b>Pear (MM)</b>	<b>Marquis (MM)</b>	<b>Oval (MM)</b>	<b>Emerald (MM)</b>	<b>Princess (MM)</b>	<b>Triangle (MM)</b>
.95	6.4						
1.00	6.5	8x5	10x5	7x5	7x5	6 sq	
1.10	6.6						
1.17	6.8						
1.25	7.0			7.5x5.5			
1.33	7.2						
1.50	7.4	9x6	11x5.5	8x6	8x6	6.5 sq	
1.60	7.6						
1.75	7.8						
1.90	8.0						
2.00	8.2	10x7	12x6	8.5x6.5	8.5x6.5	7 sq	
2.15	8.4						
2.25	8.6						
2.50	8.8	12x7	13x6.5	9x7		7.5 sq	
2.85	9.2						
3.00	9.4	12x8	14x7	10x8	10x8	8 sq	
3.15	9.6						
3.35	9.8						
3.50	10.0	13x8	14x7.5	10x8.5			

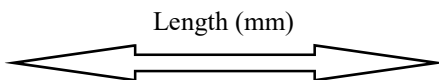
## ***Diamond Weights All Shapes***

**Round, Pear, Marquis, Oval, Emerald, Princess, and Triangle cuts. A Triangle cut is measured point to point.**

<b>Carat Weight</b>	<b>Round (MM)</b>	<b>Pear (MM)</b>	<b>Marquis (MM)</b>	<b>Oval (MM)</b>	<b>Emerald (MM)</b>	<b>Princess (MM)</b>	<b>Triangle (MM)</b>
3.75	10.2						
4.00	10.4	14x8	16x8	11x9	11x9		
4.25	10.6						
4.45	10.8						
4.50		14.5x9		11x9.5			
4.75	11.0						
5.00	11.2	15x9	16x8.5	12x10	12x10		

## ***Diamond Weights Straight Baguettes***

**Straight Baguettes**



<b>MM</b>	<b>1.5</b>	<b>2.0</b>	<b>2.5</b>	<b>3.0</b>	<b>3.5</b>	<b>4.0</b>	<b>4.5</b>	<b>5.0</b>	<b>5.5</b>	<b>6.0</b>
<b>1.0</b>	.01	.02	.025	.03	.04	.05	.07	.08	.09	.11
<b>1.5</b>	.02	.04	.05	.06	.07	.08	.10	.12	.13	.15
<b>2.0</b>	.04	.05	.08	.10	.11	.14	.16	.19	.22	.25
<b>2.5</b>	.05	.08	.10	.13	.15	.18	.22	.27	.31	.35
<b>3.0</b>	.06	.10	.13	.16	.21	.25	.30	.34	.37	.42
<b>3.5</b>	.07	.11	.15	.21	.25	.30	.41	.50	—	—
<b>4.0</b>	.08	.14	.18	.25	.30	.37	—	—	—	—

***Diamond  
Weights  
Tapered  
Baguettes***

**Tapered Baguettes**

Dimensions	Weight		Dimensions	Weight
2 x 1 x .05	.01		3 x 1.5x 1.25	.04
2 x 1 x .075	.01		3 x 2 x 1.5	.06
2 x 1.25 x 1	.03		3.25 x 1 x .5	.03
2 x 1.5 x 1	.02		3.25 x 1.5 x 1	.05
2.25 x 1.25 x .75	.03		3.25 x 1.75 x 1	.06
2.25 x 1.25 x 1	.03		3.5 x 1.25 x 1	.04
2.25 x 1 x .5	.02		3.5 x 1.5x 1	.05
2.25 x 1.5 x 1	.03		3.5 x 1.5 x 1.25	.07
2.25 x 1.5 x 1.25	.03		3.5 x 1.75 x 1.25	.07
2.25 x 1.75 x 1.25	.03		3.5 x 2 x 1	.07
2.5 x 1 x .5	.03		3.5 x 2 x 1.5	.08
2.5 x 1 x .75	.02		3.75 x 1.5 x 1	.06
2.5 x 1.25 x 1	.02		3.75 x 2 x 1.5	.09
2.5 x 1.5 x 1	.03		4 x 1.25 x 1	.06
2.5 x 1.5 x 1.25	.03		4x x1.5x 1	.07
2.75 x 1 x .5	.02		4 x 1.75 x 1.25	.08
2.75 x 1.25 x 1	.03		4 x 2 x 1	.12
2.75 x 1.5 x 1	.05		4 x 2 x 1.5	.11
2.75 x 1.5 x 1.25	.03		4.25 x 1.25 x .75	.08
3 x 1.25 x 1	.03		4.5 x 1.5 x 1.25	.10
3 x 1.5 x 1	.04		4.5 x 2 x 1	.10

## ***Exact Diamond Weight Formulas***

## **DIAMOND WEIGHT ESTIMATOR**

To get a more accurate weight on already set diamonds, use a very accurate millimeter gauge, preferably an "A.D. Leverage Gauge". Use the measurements and these formulas for accuracy. All measurements are done in millimeters.

### ***Round Brilliant Cut***

$$\text{Diameter}^2 \times \text{Depth} \times .0061$$

Example: A 6mm by 3.5mm diamond. Multiply the diameter twice then multiply that answer times the depth, then that answer by .0061:

$$6 \times 6 = 36. 36 \times 3.5 = 126. 126 \times .0061 = .77 \text{ carats!}$$

### ***Oval Cut***

$$\text{Diameter}^2 \times \text{Depth} \times .0062$$

Average the length and width to determine the average for the "Diameter. Example: an oval diamond measuring 10 x 8 x 4mm. Add the 10 + 8 to get 18 total. Divide that in half and the answer is "9". Multiply 9 x 9 to get "81". This answer is multiplied by the depth of "4" to get 324. This answer is multiplied by .0062 and equals 2.0 carats!

### ***Emerald, Marquis, and Pear Shapes.***

The conversation factor used in the formulas below is based upon the length-to-width ratio of the diamonds. For example, a stone with a length of 9mm and a width of 6mm would have a length-to-width ratio of 1½ to 1. (9 is 50% bigger than 6. 1½ is 50% bigger than 1.)

### ***Princess Cut***

length x width x depth x 3.52 x .0026 = weight for rectangular shape.

***Emerald, Marquis, and Pear Shapes.***

***Exact  
Diamond  
Weight  
Formulas***

The conversation factor used in the formulas below is based upon the length-to-width ratio of the diamonds. For example, a stone with a length of 9mm and a width of 6mm would have a length-to-width ratio of 1½ to 1. (9 is 50% bigger than 6. 1½ is 50% bigger than 1.) All formulas are based upon stones with a thin to medium girdle. Adjust weight as follows for stones with thicker girdles: Medium to slightly thick, add 2 to 4 points per carat. Thick to very thick, add 5 to 10 points per carat.

<b><i>Emerald Cut:</i></b>	<b>.008</b>	<b>(1 to 1 ratio)</b>
<b>Length X Width X Depth X</b>	<b>.0092</b>	<b>(1½ to 1 ratio)</b>
	<b>.010</b>	<b>(2 to 1 ratio)</b>
	<b>.0106</b>	<b>(2½ to 1 ratio)</b>

<b><i>Marquis Cut</i></b>	<b>.00565</b>	<b>(1½ to 1 ratio)</b>
<b>Length X Width X Depth X</b>	<b>.0058</b>	<b>(2 to 1 ratio)</b>
	<b>.00585</b>	<b>(2½ to 1 ratio)</b>
	<b>.00595</b>	<b>(3 to 1 ratio)</b>

<b><i>Pear Shape Cut:</i></b>	<b>.00615</b>	<b>(1¼ to 1 ratio)</b>
<b>Length X Width X Depth X</b>	<b>.0060</b>	<b>(1½ to 1 ratio)</b>
	<b>.0059</b>	<b>(1 2/3 to 1 ratio)</b>
	<b>.00575</b>	<b>(2 to 1 ratio)</b>



**G I A**  
**Diamond**  
**Grading**  
**Information**

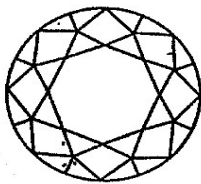
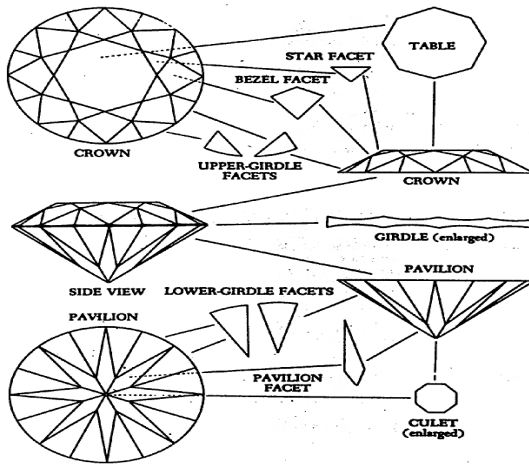
Color

Descript	Colorless			Near Colorless				Faint Yellow			Very Light Yellow		
GIA Grade	D	E	F	G	H	I	J	K	L	M	N	O	P

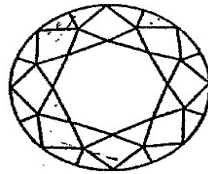
Clarity

Descript	Clean	Very Very Small Inclusion		Very Small Inclusion		Small Inclusion, Slightly Imperfect		Imperfect, Included		
GIA Grade	Flawless	VVS1	VVS2	VS1	VS2	SI1	SI2	I 1	I 2	I 3

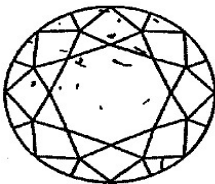
# Diamond Cut Away Views & Clarity Grading



VS<sub>2</sub>



SI<sub>1</sub>



SI<sub>2</sub>



I<sub>1</sub>

## Gemstone Weights

### OVAL

GEM	5x3	6x4	7x5	8x6	9x7	10x8	11x9	12x10	14x10	16x12	18x13	20x15
Amethyst	.23	.45	.85	1.25	1.75	2.40	3.20	4.50	6.50	11.0	14.0	16.0
Aqua	.20	.40	.75	1.10	1.75	2.25	3.00	4.50	6.75	10.2	10.6	14.5
Blue Topaz	.28	.57	1.10	1.60	2.50	3.50	4.50	6.00	8.00	12.0	17.0	22.0
Citrine	.23	.45	.85	1.25	1.75	2.40	3.25	4.20	5.20	9.00	10.8	20.0
Emerald	.25	.52	.85	1.26	1.90	2.60	3.75	5.00	7.50	12.0	14.5	18.0
Garnet	.25	.55	1.00	1.40	2.10	2.80	3.75	5.00	7.00	10.0	13.3	20.0
Opal	.16	.28	.47	.78	1.10	1.65	2.15	3.00	4.00	5.25	5.75	9.90
Peridot	.28	.50	.95	1.35	2.00	2.50	3.50	4.00	6.00	9.50	13.0	20.0
Ruby	.35	.60	1.06	1.55	2.20	3.15	3.80	6.00	7.25	12.0	13.0	20.0
Sapphire	.35	.60	1.00	1.55	2.20	3.15	3.80	6.00	7.25	12.0	13.0	20.0

### OCTAGON

GEM	5x3	6x4	7x5	8x6	9x7	10x8	11x9	12x10	14x10	16x12	18x13	20x15
Amethyst	.35	.55	1.00	1.60	2.25	2.90	4.20	5.60	7.25	13.0	17.0	22.0
Aqua	.25	.50	.80	1.40	2.00	3.00	4.30	4.75	7.75	13.5	17.0	22.0
Blue Topaz	.40	.65	1.25	2.40	3.40	4.00	5.75	8.00	9.50	14.0	21.0	26.0
Citrine	.35	.55	1.00	1.60	2.25	2.90	4.20	5.60	7.25	13.0	17.0	22.0
Emerald	.30	.60	.90	1.80	2.31	3.15	4.50	5.25	5.80	14.0	17.5	22.5
Garnet	.40	.80	1.20	1.70	2.50	3.50	4.30	6.35	9.00	17.5	21.0	27.0
Opal	—	—	—	—	—	—	—	—	—	—	—	—
Peridot	.35	.60	1.00	1.70	2.25	3.80	5.25	6.25	8.80	17.0	20.0	26.0
Ruby	.55	.75	1.15	1.60	2.30	2.75	4.00	6.25	9.00	12.5	18.7	27.0
Sapphire	.55	.75	1.15	1.75	2.30	2.75	4.00	6.25	9.00	12.5	18.7	27.0

## Gemstone Weights

### ROUND

GEM	2	25	3	35	4	45	5	55	6	7	8	10
Amethyst	.04	.06	.10	.15	.20	.30	.40	.55	.70	1.3	1.8	3.3
Aquamarine	.04	.06	.10	.15	.25	.35	.45	.65	.75	1.6	2.4	3.5
Blue Topaz	.04	.08	.11	.20	.30	.37	.58	.69	1.0	1.6	2.5	5.8
Citrine	.04	.06	.10	.15	.20	.30	.40	.55	.70	1.3	1.8	3.3
Emerald	.04	.08	.12	.17	.27	.38	.48	.65	.80	1.7	2.5	6.1
Garnet	.05	.08	.13	.21	.30	.40	.60	.70	1.0	1.6	2.5	5.8
Opal	.02	.05	.09	.11	.16	.25	.34	.46	.57	.83	1.3	2.0
Peridot	.05	.06	.12	.15	.26	.30	.50	.55	.85	1.3	2.0	5.3
Ruby	.05	.13	.15	.20	.34	.45	.65	.85	1.1	1.6	2.3	4.5
Sapphire	.05	.13	.15	.20	.34	.45	.65	.85	1.1	1.6	2.3	4.5

### MARQUIS

GEM	4x2	4½x2½	5x2½	5x3	6x3	8x4	10x5	12x6	14x7
Amethyst	.10	—	.15	.17	.20	.48	.90	1.59	2.45
Aquamarine	.08	—	—	—	.30	.70	1.20	2.00	3.40
Blue Topaz	.07	—	—	—	.30	.70	1.20	2.00	3.40
Citrine	.10	—	.15	.17	.20	.50	.90	1.59	2.45
Emerald	.09	.14	.16	.18	.30	.60	1.10	1.80	2.80
Garnet	.09	—	—	—	.25	.60	1.20	2.00	2.85
Opal	.09	—	—	—	.17	.37	.59	1.00	1.25
Peridot	.10	.13	.15	.17	.25	.50	1.00	2.00	2.55
Ruby	.13	.18	.20	.30	.35	.75	1.15	2.20	3.00
Sapphire	.13	.18	.20	.30	.35	.75	1.15	2.20	3.00

## Gemstone Weights

Measured in Millimeters,  
Results are in carats.

PEAR SHAPED								
GEMSTONE	5x3	6x4	7x5	8x6	9x7	10x7	13x8	14x10
Amethyst	.20	.35	.65	.85	1.25	1.70	4.0	5.00
Aquamarine	.20	.35	.65	.90	1.30	1.85	4.20	5.60
Blue Topaz	.25	.50	1.00	1.10	2.00	3.50	6.50	8.50
Citrine	.20	.35	.65	.85	1.30	1.70	4.00	5.00
Emerald	.25	.45	.70	1.05	1.70	2.60	4.15	6.10
Garnet	.25	.40	1.00	1.15	1.30	1.80	3.50	5.80
Opal	.13	.22	.35	.50	.70	1.03	1.40	2.45
Peridot	.25	.45	.70	.80	1.100	1.40	3.40	4.75
Ruby	.30	.50	.75	1.00	1.85	2.50	4.75	7.90
Sapphire	.30	.50	.75	1.00	1.85	2.50	4.75	7.90

	SQUARE				HEART & TRILLION				
GEMSTONE	2	2.5	3	4	4	5	6	8	10
Amethyst	—	—	.15	.30	.25	.45	.65	1.50	3.25
Aquamarine	—	—	.15	.30	—	—	—	—	—
Blue Topaz	—	—	.20	.40	.40	.65	.80	1.80	3.75
Citrine	—	—	.15	.30	.25	.65	.65	1.50	3.25
Emerald	.05	.11	.18	—	—	—	—	—	—
Garnet	—	—	.20	.45	—	—	—	—	—
Opal	—	—	—	—	—	—	—	—	—
Peridot	—	—	.17	.30	.25	.45	.65	1.50	—
Ruby	.07	.13	.20	—	—	—	—	—	—
Sapphire	.07	.13	.20	—	—	—	—	—	—

These formulas are useful for calculating weights of mounted gems, for appraisal purposes. There is a plus/minus 10% accuracy factor, depending upon the gem's girdle thickness and pavilion bulge. All formulas are for faceted gems, unless otherwise notated.

**Gemstone  
Weight  
Estimator  
By Formula**

NOTE: **Diameter** is an average of length and width when the formula indicates “Squared” (²), multiply by itself.  
**The Specific Gravity List** is on this page. Use a calculator for accuracy!

<b>Round</b> Diameter² x Depth x .0018 x S.G. <b>Emerald cut</b> Length x Width x Depth x .00245 x S.G. <b>Oval</b> Diameter² x Depth x .0020 x S.G. <b>Cushion</b> Diameter² x Depth x .0022 x S.G. <b>Cabachon (High Dome)</b> Length x Width x Depth x .0029 x S.G.	<b>Rectangle</b> Length x Width x Depth x .0026 x S.G. <b>Marquis</b> Length x Width x Depth x .0016 x S.G. <b>Square</b> Length x Width x Depth x .0023 x S.G. <b>Pear</b> Length x Width x Depth x .0017 x S.G. <b>Cabochon (Low Dome)</b> Length x Width x Depth x .0026 x S.G.
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Specific Gravity Chart For Gemstones							
Amber	1.08	Emerald	2.72	Jadeite/Jade	3.34	Quartz	2.66
Alexandrite	3.73	Garnet: Almandite	4.05	Kunzite	3.18	Sapphire	4.00
Amethyst	2.66	Garnet: Andradite	3.84	Lapis	2.75	Smoky Quarz	2.66
Andulucite	3.17	Garnet: Grossular	3.61	Malachite	3.95	Spinel	3.60
Aqua	2.72	Garnet: Malaya	4.00	Moonstone	2.60	Tanzanite	3.30
Beryl	2.72	Garnet: Pyrope	3.78	Morganite	2.72	Tigers Eye	2.66
Chalcedony	2.60	Garnet: Rhodalite	3.84	Nephrite/Jade	2.95	Topaz	3.53
Chrysoberyl	3.73	Garnet: Spesserite	4.15	Onyx	2.60	Tourmaline	3.06
Citrine	2.66	Glass	2.50	Opal	2.15	Turquoise	2.76
Coral	2.65	Golden Beryl	2.72	Pearl	2.75	Zircon	4.00
Diamond	3.52	Iolite	2.61	Peridot	3.34		

***Birthstone  
Lists***

Month	Stone
January	GARNET
February	AMETHYST
March	AQUAMARINE
April	DIAMOND
May	EMERALD
June	ANDALUCITE
July	RUBY
August	PERIDOT
September	SAPPHIRE
October	PINK TOURMALINE
November	TOPAZ
December	BLUE ZIRCON

**Zodiac  
Lists**

**Zodiac Lists**

Zodiac Sign	Month, Dates	Gemstone
Aquarius	Jan 20 to Feb 18	GARNET
Pisces	Feb 19 to Mar 20	AMETHYST
Aries	Mar 21 to Apr 19	BLOODSTONE
Taurus	Apr 20 to May 20	SAPPHIRE
Gemini	May 21 to Jun 21	AGATE
Cancer	Jun 22 to July 22	EMERALD
Leo	Jul 23 to Aug 23	ONYX
Virgo	Aug 24 to Sept 22	CARNELIAN
Libra	Sep 23 to Oct 23	CHRYSOLEITE
Scorpio	Oct 24 to Nov 21	BERYL
Sagittarius	Nov 22 to Dec 21	TOPAZ
Capricorn	Dec 22 to Jan 19	RUBY



## ***12 Tribes Of Israel***

<b>TRIBE</b>	<b>STONE</b>
<b>Levi</b>	<b>GARNET</b>
<b>Zebulon</b>	<b>DIAMOND</b>
<b>Gad</b>	<b>AMETHYST</b>
<b>Benjamin</b>	<b>JASPER</b>
<b>Simeon</b>	<b>CHRYSOLEITE</b>
<b>Issachar</b>	<b>SAPPHIRE</b>
<b>Naphtali</b>	<b>AGATE</b>
<b>Joseph</b>	<b>ONYX</b>
<b>Reuben</b>	<b>SARD</b>
<b>Judah</b>	<b>EMERALD</b>
<b>Dan</b>	<b>TOPAZ</b>
<b>Asher</b>	<b>BERYL</b>

**12 Apostles  
Gemstone  
List**

<b>Apostle</b>	<b>STONE</b>
<b>Peter</b>	<b>JASPER</b>
<b>Andrew</b>	<b>SAPPHIRE</b>
<b>James</b>	<b>CHALCEDONY</b>
<b>John</b>	<b>EMERALD</b>
<b>Phillip</b>	<b>SARDONYX</b>
<b>Bartholomew</b>	<b>SARD</b>
<b>Matthew</b>	<b>CHRYSOLEITE</b>
<b>Thomas</b>	<b>BERYL</b>
<b>James The Less</b>	<b>TOPAZ</b>
<b>Judd</b>	<b>CHRYSOPRASE</b>
<b>Simon</b>	<b>HYACINTH</b>
<b>Judas</b>	<b>AMETHYST</b>

# ***Anniversary List***

<b>YEAR</b>	<b>GIFT</b>	<b>YEAR</b>	<b>GIFT</b>
<b>First</b>	<b>Gold Jewelry</b>	<b>Seventeenth</b>	<b>Watches</b>
<b>Second</b>	<b>Garnet</b>	<b>Eighteenth</b>	<b>Cat's Eye</b>
<b>Third</b>	<b>Pearls</b>	<b>Nineteenth</b>	<b>Aquamarine</b>
<b>Fourth</b>	<b>Blue Topaz</b>	<b>Twentieth</b>	<b>Emerald</b>
<b>Fifth</b>	<b>Sapphires</b>	<b>Twenty-first</b>	<b>Iolite</b>
<b>Sixth</b>	<b>Amethyst</b>	<b>Twenty-second</b>	<b>Spinel</b>
<b>Seventh</b>	<b>Onyx</b>	<b>Twenty-third</b>	<b>Imperial Topaz</b>
<b>Eighth</b>	<b>Tourmaline</b>	<b>Twenty-fourth</b>	<b>Tanzanite</b>
<b>Ninth</b>	<b>Lapis</b>	<b>Twenty-fifth</b>	<b>Silver Jubilee</b>
<b>Tenth</b>	<b>Diamonds</b>	<b>Thirtieth</b>	<b>Pearl Jubilee</b>
<b>Eleventh</b>	<b>Turquoise</b>	<b>Thirty-fifth</b>	<b>Emerald</b>
<b>Twelfth</b>	<b>Jade</b>	<b>Fortieth</b>	<b>Ruby</b>
<b>Thirteenth</b>	<b>Citrine</b>	<b>Forty-fifth</b>	<b>Sapphire</b>
<b>Fourteenth</b>	<b>Opal</b>	<b>Fiftieth</b>	<b>Golden Jubilee</b>
<b>Fifteenth</b>	<b>Ruby</b>	<b>Fifty-fifth</b>	<b>Alexandrite</b>
<b>Sixteenth</b>	<b>Peridot</b>	<b>Sixtieth</b>	<b>Diamond Jubilee</b>

## Karat Gold Information

### KARAT:

Karat is a measure of fineness - 24 karat is fine gold. One karat equals 1/24 (.0417). Thus, 14 karat gold is 14/24th fine gold and 10/24th alloy. The alloy metals are silver, copper, and zinc. Nickel is used in white gold.

### Colors Of Gold:

% Gold -----	Karat System		European System	
	Gold Present	Mark on Jlry	Gold Present	Mark on Jlry
100.00	24 Karats	24K	1000 Parts Fine	999
91.7	22 Karats	22K	917 Parts Fine	917
75.0	18 Karats	18K	750 Parts Fine	750
58.5	14 Karats	14K	585 Parts Fine	585
41.6	10 Karats	10K	416 Parts Fine	416

Yellow, green, red, and white - are produced by variations in the alloy. Silver and zinc tend to give a green color, copper gives a red color, and nickel gives a white color.

### GOLD FILLED:

Gold filled is made from joining or bonding a top layer of gold alloy to a base metal alloy and then rolling it or drawing it to the thickness required. Resembles an "oreo" cookie, thin layer of gold (usually 12kt or 14kt gold) to a thick layer of brass and then bonding another layer of gold to the bottom. The gold content is usually less than 5%. When you see something labeled:

***1/20th 12kt G.F.***

This means that 1/20th of the item (5%) is only 12kt gold. We cannot take it apart to use or melt. Scrap value is in the range of \$3.00 per *pound*!

### ROLLED GOLD PLATE:

Same as Gold Filled, just a lower Karat quality.

## ***Karat Gold Information***

### **GOLD ELECTROPLATE:**

Gold electroplate is usually made by electrically depositing fine gold on a base metal, like brass.

### **GOLD SOLDERS:**

Gold solders are usually 2 to 4 Karats less than the gold on which it is being used, unless the solder is said to be "plumb".

### **STERLING SILVER:**

Sterling silver is 925/1000 (92½%) fine silver, and 75/1000 (7½%) copper.

### **VERMEIL:**

Vermeil is Sterling silver which has a gold plating over the surface. The gold can be electroplated, or mechanically bonded, as long as the gold is 150 micro inches thick.

### **COIN SILVER:**

Coin silver is 900/1000 (90%) fine silver, and 100/1000 (10%)copper. The same alloy is used for American Silver Coins.

### **COMMERCIAL SILVER:**

Commercial silver is 999 fine or higher. As close to absolute silver as can be.

### **SHEFFIELD PLATE:**

Sheffield Plate was originally bonding sheet silver to copper, rolling and manufacturing into hollowware. Imitations are made by silver plating copper.

### **NICKEL SILVER:**

Nickel Silver actually contains *NO* silver at all. It contains nickel, copper and zinc.

### **GERMAN SILVER:**

A misleading name. It's the same as NICKEL SILVER.

### **PEWTER:**

Pewter originally was a lead alloy. It is now made in tin, copper, antimony.

## ***Dwts To Grams***

<b>DWTS</b>	<b>GRAMS</b>	<b>DWTS</b>	<b>GRAMS</b>
.10	.16	20.00 (1oz)	31.10
.20	.31	30.00	46.66
.30	.47	40.00	62.21
.40	.62	50.00	77.76
.50	.78	60.00	93.31
.60	.93	70.00	108.86
.70	1.09	80.00	124.41
.80	1.24	90.00	139.97
.90	1.40	100.00	155.52
1.00	1.56	200.00	311.03
2.00	3.11	300.00	466.55
3.00	4.67	400.00	622.00
4.00	6.22	500.00	777.59
5.00	7.78	600.00	933.10
6.00	9.33	643.01	1000.00
7.00	10.89	700.00	1088.67
8.00	12.44	800.00	1244.14
9.00	14.00	900.00	1399.65
10.00	15.55	1000.00	1555.17

## ***Weights Of Gold***

### **Weight of Gold, Platinum, & Silver**

1 Troy Ounce	=	31.1033 Grams
1 Troy Ounce	=	480 Grains
1 Troy Ounce	=	20 Pennyweights (dwt)
12 Troy Ounces	=	1 Troy Pound
14.5833 Troy Ounces	=	1 pound Avoirdupois
0.9114 Troy Ounces	=	1 ounce Avoirdupois
32.15 Troy Ounces	=	1 Kilogram
1 Gram	=	5.3 Karats (Roman)
1 Gram	=	15.432 Grains
<b><i>1 Gram</i></b>	<b>=</b>	<b><i>0.643 Pennyweights</i></b>
<b><i>1.5552 Grams</i></b>	<b>=</b>	<b><i>1 Pennyweight</i></b>
1,000 Grams	=	1 Kilogram
28.3495 Grams	=	1 Ounce Avoirdupois
24 Grains	=	1 Pennyweight
5,760 Grains	=	1 Pound Troy
15,432 Grains	=	1 Kilogram
437.5 Grains	=	1 Ounce Avoirdupois
7,000 Grains	=	1 Pound Avoirdupois
1 Grain	=	0.0648 Grams
240 Pennyweight	=	1 Pound Troy
643.01 Pennyweight	=	1 Kilogram
18.2291 Pennyweight	=	1 Ounce Avoirdupois
291.666 Pennyweight	=	1 Pound Avoirdupois
1Kilogram	=	2.68 Pounds Troy
1Kilogram	=	35.2740 Ounces Avoir.

## ***Weights Of Gold***

### **Specific Gravity Of Metals**

<b>METAL</b>	<b>SPECIFIC GRAVITY</b>
10Kt Yellow Gold	11.57
10Kt White Gold	11.07
14Kt Yellow Gold	13.07
14Kt White Gold	12.61
18Kt Yellow Gold	15.58
18Kt White Gold	14.64
Sterling Silver	10.47

### **Weight Comparisons of Gold Vs Silver**

<b>Sterling Silver Is.....</b>	<b>10Kt Yellow Gold Is.....</b>
.987 times as heavy as Fine Silver	.885 times as heavy as 14kt Yellow Gold
1.005 times as heavy as Coin Silver	.743 times as heavy as 18kt Yellow Gold
.899 times as heavy as 10kt Yellow Gold	1.049 times as heavy as 10kt Green Gold
.796 times as heavy as 14kt Yellow Gold	1.045 times as heavy as 10kt White Gold
.668 times as heavy as 18kt Yellow Gold	.539 times as heavy as Platinum
.485 times as heavy as Platinum	.964 times as heavy as Palladium
1.189 times as heavy as 18% Nickel Silver	1.018 times as heavy as Lead
1.228 times as heavy as Brass	1.366 times as heavy as Brass
1.182 times as heavy as Bronze	1.113 times as heavy as Sterling Silver
1.425 times as heavy as Pewter	_____



## ***Weights Of Gold***

## **Weight Comparisons of Gold Vs Silver**

### **14Kt Yellow Gold Is.....**

.839	times as heavy as	18kt Yellow Gold
.920	times as heavy as	14kt Green Gold
1.036	times as heavy as	14kt White Gold
1.130	times as heavy as	10kt Yellow Gold
.609	times as heavy as	Platinum
1.089	times as heavy as	Palladium
1.151	times as heavy as	Lead
1.543	times as heavy as	Brass
1.257	times as heavy as	Sterling Silver

### **18Kt Yellow Gold Is.....**

.980	times as heavy as	18kt Green Gold
1.064	times as heavy as	18kt White Gold
1.192	times as heavy as	14kt Yellow Gold
.726	times as heavy as	Platinum
1.298	times as heavy as	Palladium
1.371	times as heavy as	Lead
1.839	times as heavy as	Brass
1.498	times as heavy as	Sterling Silver

_____	_____	_____
_____	_____	_____

## ***Gold Weight Conversions***

<b>To Convert From:</b>	<b>To:</b>	<b>Multiply By:</b>
Carats (Stones)	Pennyweights	.12860
Carats (Stones)	Grams	.20
Pennyweights	Carats	7.776
>>> Pennyweights	Grams	1.5552 <<<<<<<<
Pennyweights	Ounces, Troy	.05
Grams	Carats	5.0
>>>>>>>> Grams	Pennyweights	.64301 <<<<<<<<
Inches	Millimeters	25.40
Kilograms	Ounces, Troy	32.1507
Kilograms	Pennyweights	643.014
Millimeters	Inches	.03937
Ounces, Avoir.	Ounces, Troy	.91146
Ounces, Avoir.	Grams	28.3495
Ounces, Troy	Grams	31.1035
Ounces, Troy	Ounces, Avoir	1.0971
Pounds, Avoir.	Grams	453.592
Pounds, Avoir.	Pennyweights	291.666
Pounds, Avoir.	Ounces, Troy	14.583

## ***Alloy Percentages In Gold & Silver***

<b>Gold Alloys</b>	<b>Fine Gold</b>	<b>Fine Silver</b>	<b>Copper</b>	<b>Other Metals</b>	<b>Total Gram Weight</b>
<b>22KT (917 gold)</b>					
Light Yellow	1.000	0.068	0.023	-----	1.091
Yellow	1.000	0.045	0.046	-----	1.091
<b>18KT (750 Gold)</b>					
Light Yellow	1.000	0.285	0.048	-----	1.333
Yellow	1.000	0.213	0.120	-----	1.333
Deep Yellow	1.000	0.167	0.166	-----	1.333
Rose	1.000	0.110	0.223	-----	1.333
Red	1.000	0.050	0.283	-----	1.333
Orange-Red	1.000	0.048	0.285	-----	1.333
Deep red	1.000	-----	0.333	-----	1.333
Green Yellow	1.000	0.222	0.111	-----	1.333
Green	1.000	0.333	-----	-----	1.333
White	1.000	-----	0.047	0.210 Ni 0.076 Zn	1.333
<b>14KT (585 gold)</b>					
Green	1.000	0.532	0.058	1.120 Ni	1.710
Green Yellow	1.000	0.474	0.236	-----	1.710
Pale Yellow	1.000	0.427	0.283	-----	1.710
Dark Yellow	1.000	0.284	0.426	-----	1.710
Red Yellow	1.000	0.178	0.532	-----	1.710
Red-Orange	1.000	0.103	0.607	-----	1.710
White	1.000	-----	0.342	0.248 Ni 0.120 Zn	1.710 1.710
Purple	1.000	-----	-----	0.265 Al	1.265
<b>SILVER ALLOYS</b>					
		1.000	0.081	-----	1.081
Sterling Silver (925)		1.000	0.125	-----	1.125
Coin Silver (900)		1.000	0.250	-----	1.250
Coin Silver (800)					

***Casting  
Temperatures***

**Casting Temperatures Of Metals**

METAL	Temp CENTIGRADE	Temp FARENHEIGHT
Aluminum	760	1400
Bronze	1066	1950
Gold 10Kt White	1107	2025
Gold 10Kt Yellow	1010	1850
Gold 14Kt White	1052	1925
Gold 14Kt Yellow	966	1825
Gold 18Kt White	971	1780
Gold 18Kt Yellow	982	1800
Gold 24Kt	1077	1970
Sterling Silver	954	1750
Platinum	1830	3350

## ***\*Lengths\****

### ***Raising Karats***

#### **Lengths Of Measure**

1 inch (1") = 2.54 centimeters = 25.4 millimeters  
1 foot (1') = 0.305 meter = 30.48 centimeters = 304.8 millimeters  
1 meter = 39.37 inches  
1 centimeter = 10 millimeters  
10 centimeters = 1 decimeter = 100 millimeters  
100 centimeters = 1 meter = 10 decimeters

#### **Raising The Karat of a Quantity of Gold**

Going from 10Kt gold to 14Kt Gold is an example of raising the karat of gold.  
Follow the instructions below.

The Amount of gold needed =

$$\frac{(\text{Fine Karat}-\text{Beginning Karat}) \times \text{Beginning Weight}}{24 - \text{Final Karat}}$$

**Example:** How much 24kt gold must be added to 15 pennyweights of 12 karat gold to raise it to 14kt Gold?

$$\text{Amount of 24kt gold needed} = \frac{(14 - 12) \times 15}{24 - 14} = 3 \text{ Pennyweights}$$

FRACTIONS	DECIMAL INCHES	MILLIMETERS
1/64	0.0156	0.3969
1/32	0.0313	0.7937
3/64	0.0469	1.1906
1/16	0.0625	1.5875
5/64	0.0781	1.9843
3/32	0.0937	2.3812
7/64	0.1094	2.7781
1/8	0.1250	3.1750
9/64	0.1406	3.5718
5/32	0.1562	3.9687
11/64	0.1719	4.3656
3/16	0.1875	4.7624
13/64	0.2031	5.1593
7/32	0.2187	5.5562
15/64	0.2344	5.9530
1/4	0.2500	6.3499
17/64	0.2656	6.7468
9/32	0.2812	7.1437
19/64	0.2969	7.5405
5/16	0.3125	7.9374
21/64	0.3281	8.3343
11/32	0.3438	8.7312
23/64	0.3594	9.1280
3/8	0.3750	9.5249
25/64	0.3906	9.9217
13/32	0.4062	10.3186
27/64	0.4219	10.7155
7/16	0.4375	11.1124
29/64	0.4531	11.5092
15/32	0.4687	11.9061
31/64	0.4844	12.3030
1/2	0.5000	12.6999

***Fractions To  
Decimal Inches  
To Millimeters***

# ***Ring Blank Lengths***

<b>U.S. RING BLANK LENGTHS IN MILLIMETERS</b>			
<b>SIZE</b>	<b>16 ga. Sheet (1.3mm)</b>	<b>18 ga. Sheet (1.0mm)</b>	<b>20 ga. Sheet (.80mm)</b>
3	48.0	47.1	46.5
3½	49.3	48.4	47.7
4	50.6	49.6	49.0
4½	51.8	50.9	50.2
5	53.7	52.8	52.1
5½	54.3	53.4	52.7
6	55.6	54.6	54.0
6½	56.8	55.9	55.3
7	58.1	57.1	56.5
7½	59.3	58.4	57.8
8	60.6	59.7	59.0
8½	61.9	60.9	60.3
9	63.1	62.2	61.5
9½	64.4	63.4	62.8
10	65.6	64.7	64.1
10½	66.9	65.9	65.3
11	68.1	67.2	66.6
11½	69.4	68.5	67.8
12	70.7	69.7	69.1
12½	71.9	71.0	70.3
13	73.2	72.2	71.6

## Gauge Chart

B&S American Gauge	Decimal Equivalent Inches	Decimal Equivalent Millimeter	B&S American Gauge	Decimal Equivalent Inches	Decimal Equivalent Millimeter
1	.28930	7.348	18	.03937	1.00
	.27559	7.000	19	.03589	.912
2	.25763	6.544	20	.03196	.812
	.23622	6.000	21	.02846	.723
3	.22947	5.827	22	.02534	.644
4	.20431	5.189	23	.02257	.573
	.19685	5.000	24	.02010	.511
5	.18194	4.621		.01969	.500
6	.16202	4.115	25	.01790	.455
	.15748	4.000	26	.01594	.405
7	.14428	3.665	27	.01419	.360
8	.12849	3.264	28	.01264	.321
	.11811	3.000	29	.01125	.286
9	.11443	2.907	30	.01002	.255
10	.10189	2.588	31	.00892	.227
11	.09074	2.305	32	.00795	.202
12	.08080	2.052		.00750	.190
	.07874	2.000	33	.00708	.180
13	.07196	1.828	34	.00630	.160
14	.06408	1.628	35	.00561	.142
	.05906	1.500	36	.00500	.127
15	.05706	1.499	37	.00445	.113
16	.05082	1.291	38	.00396	.101
17	.04525	1.149	39	.00353	.009
18	.04030	1.024	40	.00314	.008



# **Ring Sizes: USA (And Canadian) to: British; French; German; Japanese; Swiss**

USA	BRITISH	FRENCH	GERMAN	JAPANESE	SWISS
1	B	...	...	1	...
1 1/4	B 1/2	...	...	...	...
1 1/2	C	...	...	...	...
1 3/4	C 1/2	...	...	...	...
2	D	41 1/2	13 1/4	2	11 1/2
2 1/4	D 1/2	...	...	...	...
2 1/2	E	42 3/4	13 3/4	3	2 3/4
2 3/4	E 1/2	...	...	...	...
3	F	44	14	4	4
3 1/8	F 1/2	...	...	...	...
3 3/8	G	45 1/4	...	5	5 1/4
3 1/2	...	...	14 1/2	...	...
3 5/8	G 1/2	...	...	6	...
3 3/4	H	46 1/2	...	...	6 1/2
4	H 1/2	...	15	7	...
4 1/4	I	47 3/4	...	...	7 3/4
4 1/2	I 1/2	...	15 1/4	8	...
4 7/8	J	49	...	...	9
5	J 1/2	...	15 3/4	9	...
5 1/8	K	50	...	...	10
5 3/8	K 1/2	...	...	10	...
5 1/2	L	51 3/4	16	...	11 3/4
5 7/8	L 1/2	...	...	11	...
6	M	52 3/4	16 1/2	12	12 3/4
6 1/4	M 1/2	...	...	...	...
6 1/2	N	54	17	13	14
6 3/4	N 1/2	...	...	...	...

USA	BRITISH	FRENCH	GERMAN	JAPANESE	SWISS
7	O	55 3/4	17 1/4	14	15 1/4
7 1/4	O 1/2	...	...	...	...
7 1/2	P	56 1/2	17 3/4	15	16 1/2
7 3/4	P 1/2	...	...	...	...
8	Q	57 3/4	18	16	17 3/4
8 1/4	Q 1/2	...	...	...	...
8 1/2	...	...	18 1/2	17	...
8 5/8	R	59	...	...	19
8 7/8	R 1/2	...	...	...	...
9	...	...	19	18	...
9 1/8	S	60 1/4	...	...	20 1/4
9 3/8	S 1/2	...	...	...	...
9 1/2	...	...	19 1/2	19	...
9 5/8	T	61 1/2	...	...	20 1/2
10	T 1/2	...	20	20	...
10 1/4	U	62 3/4	...	21	22 3/4
10 1/2	U 1/2	...	20 1/4	22	...
10 5/8	V	63 3/4	...	...	23 3/4
11	V 1/2	...	20 3/4	23	...
11 1/8	W	65	...	...	25
11 3/8	W 1/2	...	...	...	...
11 1/2	...	...	21	24	...
11 5/8	X	66 1/4	...	...	26 1/4
11 7/8	X 1/2	...	...	...	...
12	Y	67 1/2	21 1/4	25	27 1/2
12 1/4	Y 1/2	...	...	...	...
12 1/2	Z	68 3/4	21 3/4	26	28 3/4
12 3/4	Z 1/2	...	...	...	...
13	...	...	22	27	...

## ***Wax Weights To Pennyweights***

<b>WAX WEIGHT ON GRAM SCALE</b>	<b>14KT GOLD WEIGHT IN DWTS</b>	<b>18KT GOLD WEIGHT IN DWTS</b>	<b>PLATINUM WEIGHT IN DWTS</b>	<b>STERLING SILVER WEIGHT IN DWTS</b>
.10	1.00	1.00	1.35	.75
.15	1.30	1.45	2.10	1.10
.20	1.75	2.00	2.90	1.45
.25	2.25	2.50	3.75	1.75
.30	2.75	2.90	4.25	2.20
.35	3.10	3.50	4.95	2.50
.40	3.50	3.90	5.70	2.85
.45	4.00	4.40	6.25	3.20
.50	4.50	4.80	6.95	3.50
.55	4.75	5.30	7.65	3.95
.60	5.25	5.80	8.00	4.25
.65	5.75	6.00	9.00	4.60
.70	6.25	6.75	9.60	5.00
.75	6.50	7.20	10.25	5.30
.80	7.00	7.70	10.9	5.60
.85	7.50	8.20	11.75	6.00
.90	7.90	8.70	12.25	6.50
.95	8.25	9.20	12.95	6.75
1.00	8.75	9.80	13.75	7.00
1.10	9.50	10.6	14.50	7.75
1.15	10.0	11.3	15.60	8.25
1.20	10.5	11.6	16.00	8.40
1.25	11.0	12.0	16.85	8.75
1.30	11.5	12.5	18.00	9.10

Continued Next Page

## ***Wax Weights To Pennyweights***

<b>WAX WEIGHT ON GRAM SCALE</b>	<b>14KT GOLD WEIGHT IN DWTS</b>	<b>18KT GOLD WEIGHT IN DWTS</b>	<b>PLATINUM WEIGHT IN DWTS</b>	<b>STERLING SILVER WEIGHT IN DWTS</b>
1.35	11.8	13.0	18.60	9.45
1.40	12.3	13.5	18.85	9.80
1.45	12.8	14.0	19.25	10.15
1.50	13.0	14.5	19.95	10.50
1.55	14.0	14.9	20.85	10.95
1.60	14.3	15.4	21.60	11.25
1.65	14.5	15.9	22.25	11.65
1.70	14.8	16.3	23.00	12.00
1.75	15.3	16.8	23.50	12.30
1.80	15.6	17.3	24.00	12.75
1.85	16.0	18.0	24.75	13.00
1.90	16.5	18.3	25.50	13.50
2.00	17.5	18.9	26.80	14.00
2.10	18.2	19.3	27.95	14.75
2.15	18.7	20.7	28.50	15.05
2.20	19.0	21.2	29.35	15.40
2.25	19.5	21.7	30.25	15.75
2.30	20.0	22.1	30.85	16.10
2.40	21.0	23.1	32.00	16.80
2.50	21.7	24.0	32.95	17.50
2.60	23.3	25.0	34.00	18.50
2.70	23.5	26.2	35.25	19.00
2.80	24.2	27.0	36.50	19.75
2.90	25.0	28.0	37.75	21.00
3.00	26.00	29.0	39.50	21.50

## ***Wax Weights To Pennyweights***

If you have a wax item that is heavier than the above weights, you can figure the metal weight on your own. Multiply the wax weight times the number below. Weighing the wax on a gram scale is more accurate. We use pennyweights for selling and the chart below has converted the wax weight in grams into metal weight in pennyweights.

This chart will give you the amount of metal it will take in 14kt Gold; 18kt Gold; Platinum; or Sterling silver:

<b>To Get This Type of Metal in Pennyweights:</b>	<b>Multiply The Gram Wax Weight By This Number:</b>
<b>14Kt Gold</b>	<b>9.00</b>
<b>18Kt Gold</b>	<b>10.00</b>
<b>Platinum</b>	<b>14.25</b>
<b>Sterling Silver</b>	<b>7.00</b>
<b>24kt Gold</b>	<b>12.50</b>

## **Guarantee**

### **Guarantee In General**

*We guarantee everything we make, repair, or sell for 1 year from the date of delivery unless otherwise notated here or in writing to the customer. This means we guarantee such things as stones from falling out or become loose and the parts that we made or repaired will not break in the areas in which we worked.*

*Watch repairs are guaranteed for 12 months on our work. We are unable to warranty watch work if the watch is unable to seal out water and dust, a problem for watches.*

### **Items not guaranteed**

1. Glued items.
2. Enameling
3. Lead solders that do not have a special "patch" support.
4. Gold or Rhodium plating.
5. Loss of any prong set stone that has 3 or less prongs.
6. Loss of any round stone over 1/2 carat unless it is set in a six prong gold setting or a four prong Platinum setting.
7. Loss of any prong set stone unless it has the following number of prongs. (Or unless they are set in Platinum)

<u>Cut</u>	<u>No of Prongs</u>
Emerald Cut	4
Oval	6
Marquis	6
Pear shaped	5
Heart	5
Trillion	Must have "V" prongs

**We do not assume responsibility of the loss of a single diamond and expensive colored gemstones above 1 carat. Customer should have stone appraised and covers by a jewelry rider with their homeowners insurance.**

8. Prong set stones that have thin prongs, missing prongs, or stones that are set crooked, leaving a much shorter prong on one side of the stone than the other.
9. Bead setting where the beads are badly worn or some beads are missing or stones that are set crooked, leaving part of the girdle of the stone to be sticking up beyond the surface of the metal.

**(Continued Next Page)**

## ***Guarantee***

### ***Items Not Guaranteed, Continued***

10. Channel setting where either the channel is very thin, torn, not straight across the stones OR there is no support underneath the channels to hold them together. Example: No cross wires or support to keep the channel from pulling away leaving the stone to loosen up or fall out.
11. Bezel setting where the bezel is too thin, torn, or the stone is set crooked and is not all of the stone is held in by the bezel.

### ***Specific Item Guarantees***

#### ***Ring Sizing***

1. If we size the customer's actual finger and the size is incorrect, we will resize the customer's ring at NO CHARGE within 30 DAYS from the Date of Delivery. If we did not get to size the customer's finger and the ring was either a casting, special order sale from us, we will resize the ring once at no charge, within 30 days of the delivery date from our store.
2. If we size a ring to the customer's requested size and that size is incorrect, we will charge again to resize the ring. (Example: We think the customer should wear a size 5 and the customer requests a 6 and after sizing it's too loose, we will charge again. In such cases, mark clearly on the envelope "Per Customer Request".)
3. We can only guarantee our ring sizing from the customer's finger. We cannot be given another ring to go by for size and be accurate.

## **Guarantee**

### ***Specific Item Guarantees*** ***Ring Sizing, Continued***

4. The ring size on a ring will not change, but because a customer's finger can become larger or smaller because of diet, medication, the weather or weight change, we can only guarantee ring sizings for 30 days from the date of delivery of the ring.

### ***Tightening & Checking***

1. Tightening stones: Our extra fee charged to check & tighten stones will warranty against stone loss as long as the stones are set as described on page 1400-36. Without the extra charge to tighten stones (as described in our price book for tightening stones), we do not warranty the stones against loss, unless we actually set the stones, except for ring sizing, 0-4 stones, which is covered as long as the stones are set as described on page 1400-36.
2. "Checking Links" - When asked to "check links" on rivets, chains, bracelets, clasps, etc., we cannot guarantee their loss or durability. Many items can not be checked without taking them completely apart. This will cause the item to have to be repaired just because of the disassembly. Many items that are wearing "OK" today may have a problem days or weeks later. We can only guarantee items that we actually repair; not ones that we visually inspect.

## ***Guarantee***

3. Retipped prongs on stones- We can not guarantee the loss of a stone **when we do not retip or repring all of the prongs** when we deem it necessary to repair all of the prongs or tips.

## ***Gems & Diamonds***

1. We do not guarantee that a diamond or gemstone, once taken out of our store will not chip, break, scratch, or fracture. No stone, including a diamond, can be guaranteed not to break, chip, scratch, or fracture. We strongly suggest insuring your jewelry with your homeowners policy. They will pay for damage.
2. We can not be responsible for the further fracture or damage to stones or diamonds that are received from the customer that are already damaged, chipped, broken, or have large inclusions or imperfections. We will inform the customer of these items before proceeding with the repair or installation work.



## ***Guarantee***

### **Refund and Exchange Policy**

#### ***Showcase Items***

1. We will refund or exchange any item that was sold by us as a stock item from our showcase within 30 days of delivery, as long as it was not altered from its original showcase condition. Ring sizing is excluded as a condition.
2. A Special Order item normally can not be refunded. If the vendor where we bought the item from will either accept the item from us as a credit or issue us a refund, then we can issue a refund to our customer for the item within 30 days of delivery from our store.

#### ***Special Items***

1. We will exchange or remake (No Refunds) any item listed below within 30 days of delivery:
  - A. Cast items from wax, either a showcase wax or handcarved. Will remake one time only.
  - B. Items specially ordered for the customer from an outside vendor.
  - C. Handmade items whether fabricated or casted.
  - D. Showcase or stock items that have been altered in any way other than ring sizings.

## ***Guarantee***

### ***Remake Items***

1. There will be no additional charges to remake an item except those that would have been incurred by the customer in the beginning, as long as the item is remade within 30 days of the delivery date.

Ex: If a customer who spent \$400 in the beginning has something remade that now costs \$550, then the additional charge would be the difference of \$150.00.

2. If, after remaking the item, the amount that would have been spent is less than the original price, we will refund only the product bought (diamonds, gold, gems, etc) as long as they are in original condition. Chains that have been cut to fit and such are not refundable.

The customer will be issued an “in-store credit” for labor and products that are not refundable. An in-store credit can be used like money in our store to purchase other items or can be used to purchase our services or labor.

## ***Guarantee***

### ***Deposit on Cad/Cam Designs***

1. Computer Aided Design (CAD) is the newest and one of the best ways to design and manufacture jewelry. Because of the expertise required to master this new technology and craft **and** because of the expense of the program, computer and mill:

**There will be a \$200 up front design fee for any design we create for the customer.**

2. This fee is for the time of the designer to sit with the customer and create on a computer screen or paper a design. The fee is 100% creditable towards the manufacture of the ultimate piece for the customer. Once the manufacture is completed the customer will be credited with the \$200.00 deposit payment.
3. If the customer decides not to have us manufacture the piece for them then the fee will be forfeited by the customer and is not usable as any credit in the store.
4. The deposit is only usable for 6 months from the date of initial payment. After 6 months the deposit will be forfeited.

## ***Guarantee***

### ***Gift Items***

1. If we make or sell something as a gift and we are not able to help *that* person decide on the item and the gift falls into one of the following categories, a refund will not be issued:
  - A. Cast items from wax
  - B. Items specially ordered for the customer from an outside vendor.
  - C. Handmade items.
  - D. Showcase or stock items that have been altered in any way other than ring sizings.

We will not issue a refund for those items mentioned. We will exchange or remake the item for the person receiving the gift at 50% of our regular labor charges to remake the new item within 30 days of delivery of the item. There will be no credit issued for the labor spent on the item previously.

2. Any showcase item or product (see the heading “Showcase items”) can be refunded as long as the conditions are met as described, within 30 days of purchase.

The rest of this chapter are **Higher Priced Pages**.

There are many jewelers who are asking and getting our express prices (50% more than regular price) as their every day price.

We have taken most of chapter 100 (sizing ring, repairing broken shanks, soldering rings together) and made the pages have express prices but it looks like normal prices. This has been to accommodate stores who'd like to try it out.

A \$50 normal ring sizing smaller would be normally \$75.00 with the higher priced pages.

Cad/Cam or custom carve a wax prices in chapter 1000 page 3 are also here at 50% higher prices.

Just remove the front pages and replace them with these pages and then place the original pages up front back here. Don't throw them out.

## Higher Priced Pages

There are some jewelers that have requested and/or found that they can get much higher prices than what's listed here in the Geller book. Some stores are charging Express Pricing for normal every day pricing to customers and get the same closing ratio.

So behind this page are higher priced pages for these two chapters only. Prices are **50% higher than the normal pages in this version 6.0 price book.**

Ring sizing/shanking and soldering rings together for both using a torch as well as a laser welder.

### **Sizing & Shanks: Pages 100-1 through 100-19**

You'll notice at the bottom of the page it will have an "HP" at the bottom where the page numbers are. "HP" stand for **Higher Priced**.

Because of printing in Chapter 100 remove pages 1 through 19 (100-1 through 100-19) and replace them with the pages here.

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### **Cad/Cam, Hand Carved Waxes Pages 1000-3 and 4.**

You'll notice at the bottom of the page it will have an "HP" at the bottom where the page numbers are. "HP" stand for **Higher Priced**.

Because of printing in Chapter 1000 remove the first 6 pages (1000-1 through 1000-6) and replace them with the pages here.

Then put the replaced pages either behind this chapter 1400 or store someplace else.