

Relative Weights & Sizes

Metal Conversions

These factors allow you to calculate the weight of a known object in an alternate metal, as in "How much would this sterling ring weigh in 18K gold?"

To change this:	to this:	multiply by this:
Sterling	18K gold	1.48
	14K gold	1.248
	10K gold	1.104
	platinum	2.046
	fine silver	1.015
Brass	18K gold	1.885
	14K gold	1.589
	10K gold	1.406
	fine silver	1.273
	sterling	1.21
18KY Gold	18KW gold	1.064
	14K gold	0.842
	10K gold	0.745
	platinum	0.727
	sterling	0.675
14KY Gold	18K gold	1.157
	14KW gold	1.035
	10K gold	0.884
	fine silver	0.791
	sterling	0.801
Platinum	18K gold	0.722
	14K gold	0.625
	10K gold	0.528
	fine silver	0.494
	sterling	0.483

Example

A sterling ring weighs 15 dwt. The same ring in 14k gold will require about 19 dwt.

$$15 \text{ dwt} \times 1.248 = 18.72 \text{ dwt.}$$

Equivalent Numbers

B&S	mm	inches	drill size
0	8.5	.325	²¹ / ₆₄
1	7.34	.289	⁹ / ₃₂
2	6.52	.257	¹ / ₄
3	5.81	.229	⁷ / ₃₂
4	5.18	.204	¹³ / ₆₄
5	4.62	.182	³ / ₁₆
6	4.11	.162	⁵ / ₃₂
7	3.66	.144	⁹ / ₆₄
8	3.25	.128	¹ / ₈
9	2.90	.114	
10	2.59	.102	
11	2.31	.091	³ / ₃₂
12	2.06	.081	⁵ / ₆₄
13	1.83	.072	
14	1.63	.064	¹ / ₁₆
15	1.45	.057	
16	1.30	.051	
17	1.14	.045	³ / ₆₄
18	1.02	.040	
19	0.914	.036	
20	0.812	.032	¹ / ₃₂
21	0.711	.028	
22	0.635	.025	
23	0.558	.022	
24	0.508	.020	
25	0.457	.018	
26	0.406	.016	¹ / ₆₄
27	0.355	.014	
28	0.304	.012	
29	0.279	.011	
30	0.254	.010	