

To Use This Chart:

1. Identify the metal category you will be measuring: pure silver, pure gold and silver alloys, or gold alloys-platinum-palladium.
2. Select the column of your coin or bar thickness from the row of the metal you selected.
3. Move down in the column until you are in the same row as the correct diameter/width of the coin or bar you are measuring.
4. In the intersection of that row and column is(are) your best choice(s) for sensors to use.

note: There is a millimeter scale on the top of the Precious Metal Verifier that you can use to get the diameter/width and sample thickness if you don't already know what it is.

| Metal Type | | Thickness (mm) | | | | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|------------|----------|---------|---------------|---------|---------------|------------|
| Pure Silver (.999&.9999) | | 0.4-0.8 | 0.8-1.0 | 1.0-3.3 | 3.3-4.0 | | 4.0+ | | |
| Pure Gold & Silver Alloys* | | 0.4-0.8 | 0.8-1.1 | 1.1-3.3 | 3.3-4.5 | | 4.5+ | | |
| Gold Alloys*, Platinum & Palladium | | 1.0-1.7 | 1.7-2.4 | 2.4-6.5 | 6.5-7.0 | | 7.0+ | | |
| Diameter/Width (mm) | | | | | | | | | |
| 30+ | Large, C, N | Large | Main, C | Main | Main | Bullion, C, N | Bullion | | |
| 24-30 | Large, C, N | Large | Main, C, N | Large | Main, N | Large | Main, N | Bullion, C, N | Bullion, N |
| 18-24 | Large, C, N | Large, N | | Large, N | | Large, N | | Large, N | |
| 8 -18 | Small, C, N | Small, N | | Small, N | | Small, N | | Small, N | |
| Sensor Choice | | | | | | | | | |
| C - use calibration Disc. N - No Numismatic Case (slab) measurements, but plastic bags/packaging OK note: A smaller sized sensor can always be used but is subject to greater surface variation effects, and will not penetrate as deeply in the sample. | | | | | | | | | |

Silver alloys include: 90%-coin silver, Morgan and Peace dollars, sterling silver and Britannia silver.

gold alloys include: 22K - crown gold, American Eagle gold, and 90% gold