

Applicable Site(s)	Suttons	Ref.	GT 003146014		
Subject	NGC TUBE DATA SHEET GUATEMALA	PCN	500000010823	Issue	G1
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Safety count is 3 for each coin

Coin desc/part number	NGC tube number	NGC tube base number	Coin Thickness in $\mu$ m	Coin Diameter in mm	Tube Base Offset		Full Count	Max Fill Count	Tube position restrictions (i.e. not in tube....)
					A	B			
GT 1 CENTAVOS 1965 103194001	T22 Sleeve 2 c	Aztec Gold	1330	19	A	100	124	109	A,E
					B	70			
					C	64			
					D	60			
					E	100			
GT 10 CENTAVOS 1998 103199012	T22	Aztec Gold	1250	21	A	82	132	115	-
					B	67			
					C	68			
					D	57			
					E	67			
GT 1 QUETZAL 2000 103195014	T29	Toffee	2180	28.97	A	100	75	62	A,B,D,E
					B	100			
					C	71			
					D	100			
					E	100			
GT 25 CENTAVOS 1998 103198009	T29	Green	1890	27.1	A	100	87	72	A,B,D,E
					B	100			
					C	107			
					D	100			
					E	100			
GT 50 CENTAVOS 1998 103193010	T25	Black	1690	24.3	A	92	97	83	B
					B	100			
					C	97			
					D	88			
					E	79			

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### Notes on filling out the Tube Data Sheet

The example below shows a completed row for the 1c coin

Coin desc/partnumber	NGC tube number	NGC tube base number	Coin Thickness in $\mu\text{m}$	Coin Diameter in mm	Tube Base Offset		Full Count*	Max Fill Count	Tube position restrictions (i.e. not in tube....)
1c	20	Light Blue	1512	19.0	A	80	109	96	D,E
					B	68			
					C	90			
					D	71			
					E	71			
	728111008	794604001							

#### Coin Thickness

This figure is used by the Acoustic system in order to calculate coin counts in tubes. It is normally based on the average coin thickness, but may be based on practical measurements.

#### Tube Base Offset

This is an adjustment used by the acoustic system when measuring an empty tube in order to correct for slight errors in base measurements. Practical measurements and data collection is required in order to determine these figures.

Note: number is offset binary with 100 = 0 offset (i.e. >100 indicates +ve offset, <100 indicates -ve offset)

#### Full Count

Full Count is the height of the tube divided by the coin thickness

The height of the tube has been defined as 165mm – Steve Boxall 25<sup>th</sup> Sept 2003-09-26

#### Max Fill Count

This is the height of the tube minus a coin diameter, divided by the coin thickness (e.g. (full – diameter) / thickness)

#### Tube Position Restrictions

This is the tube position(s) that this coin cannot be fitted to.

