

Applicable Site(s)	Suttons	Ref.	PE 3148030		
Subject	NGC TUBE DATA SHEET PERU	PCN	500000009233	Issue	G1
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Safety count is 3 for each coin

Coin desc/partnumber	NGC tube number	NGC tube base number	Coin Thickness in µm	Coin Diameter in mm	Tube Base Offset		Full Count	Max Fill Count	Tube position restrictions (i.e. not in tube....)
					A	B			
1 Centimo 1991 - 107796020 Not base developed			1270	16	A				-
					B				
					C				
					D				
					E				
1 Nuevo Sol 1991- 107799015	27	Brown	1900	25.5	A	80	86	73	B
					B	100			
	C	95							
	D	87							
	E	95							
	728115006	794280001							
2 Soles 1994- 107790023	24	Yellow	2070	22.3	A	68	79	69	B
					B	100			
	C	127							
	D	56							
	E	66							
	728119004	728133005							
5 Soles 1994- 107798024	T25	Purple	1970	24.38	A	50	83	71	B
					B	100			
	C	40							
	D	38							
	E	32							
	728117005	728135009							
10 Centimos 1991- 107794021	T22	Aztec Gold base	1450	20.5	A	35	113	99	D, E
					B	38			
	C	40							
	D	100							
	E	100							
	728119009	728134013							
20 Centimos 1991- 107793013	24	Lt Green	1500	23	A	140	110	94	B
					B	100			
	C	156							
	D	160							
	E	143							
	728119004	794293001							
50 Centimos 1991- 107791014	24	Yellow	1910	22	A	127	86	74	B
					B	100			
	C	171							
	D	143							
	E	151							
	728119004	728133005							

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Notes on filling out the Tube Data Sheet

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

Coin desc/partnumber	NGC tube number	NGC tube base number	Coin Thickness in μm	Coin Diameter in mm	Tube Base Offset		Full Count*	Max Fill Count	Tube position restrictions (i.e. not in tube...)
					A	B			
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 25th 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.

