

Applicable Site(s)	Suttons	Ref.	UK 003140017		
Subject	NGC TUBE DATA SHEET UKRANIE	PCN	500000010823	Issue	G2
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**SAFE COUNT = 5 COINS**

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			
<b>1 Grivnya</b>	T27	Natural	1850	26.10	A	96	89	75	B
					B	100			
					C	101			
	C	115							
	E	96							
728115006	728132014				A	94	110	94	B
					B	100			
					C	99			
					D	78			
					E	88			
<b>5 Kopijok</b>	T22 e1c	Aztec Gold	1240	16.30	A	100	133	119	A,D,E
					B	69			
					C	80			
	D	100							
	E	100							
728119009 793129001 793132001	728134013				A	78	125	109	-
					B	76			
					C	69			
					D	66			
					E	83			
<b>25 Kopijok</b>	T22	Aztec Gold	1320	20.75	A	80	107	92	B
					B	100			
					C	90			
	D	74							
	E	68							
728119009	728134013				A	80	107	92	B
					B	100			
					C	90			
					D	74			
					E	68			
<b>50 Kopijok</b>	T24	Lt green	1530	23	A	80	107	92	B
					B	100			
					C	90			
	D	74							
	E	68							
728119004	794293001C				A	80	107	92	B
					B	100			
					C	90			
					D	74			
					E	68			

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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 $\mu\text{m}$	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 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.

