

Applicable Site(s)	Suttons	Ref.	CO 796355001		
Subject	NGC TUBE DATA SHEET CROATIA	PCN	500000010823	Issue	G1
		Page			1 of 3

Safety count is 3 for each coin

Croatia Coin desc/part number	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....)
1 Kuna (1993-) 183478001	T24	Lt green	1690	22.4	A	87	97	84	B
					B	100			
					C	80			
					D	76			
					E	80			
2 Kunas (1993-) 183476002	T25	Black	1780	24.4	A	106	92	79	B
					B	100			
					C	91			
					D	87			
					E	75			
5 Kunas (1993-) 183474003	T27	Brown	1820	26.5	A	112	90	76	B
					B	100			
					C	86			
					D	66			
					E	59			
10 Lipa (1993-) 183470005	T20	Lt Blue	1580	20	A	112	104	91	D, E
					B	98			
					C	95			
					D	100			
					E	100			
20 Lipa (1993-) 183478006	T22 e1c Slv	Aztec Gold	1640	18.5	A	100	100	89	A,D, E
					B	61			
					C	77			
					D	100			
					E	100			
50 Lipa (1993-) 183472004	T22	Aztec Gold	1680	20.5	A	112	98	86	D, E
					B	98			
					C	95			
					D	100			
					E	100			

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		Page			2 of 3

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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....)
					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.

