

Applicable Site(s)	Winnersh	Ref.	TR/003149004		
Subject	NGC TUBE DATA SHEET TURKEY	PCN	500000010257	Issue	G1
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Coin desc/part number	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 Lirasi 2009-106073043	T 27	Brown	2050	26.10	A	59	80	67	B
					B	100			
					C	91			
					D	90			
					E	40			
728115006	794280001				A	48	79	66	B
					B	100			
					C	106			
					D	71			
					E	84			
50 Kurus 2009-106071044	T 25	Black	2040	23.85	A	83	80	69	B
					B	100			
					C	96			
					D	88			
					E	75			
728117005	793530001				A	82	79	67	B
					B	100			
					C	89			
					D	91			
					E	72			
50 Kurus Old 106078037	T 25	Black	2090	23.7	A	80	97	85	-
					B	86			
					C	86			
					D	88			
					E	67			
728119009	728136012				A	73	83	72	D, E
					B	71			
					C	75			
					D	100			
					E	100			
25 Kurus 2009-106079045	T 22	Red	1700	20.50	A	100	103	91	A,D,E
					B	84			
					C	70			
					D	100			
					E	100			
728119009	793145001	728136012			A	79	91	80	D,E
					B	74			
					C	78			
					D	100			
					E	100			
7281158001	794604001				A	79	91	80	D,E
					B	74			
					C	78			
					D	100			
					E	100			
10 Kurus 2009-106073048	T 20	Light Blue	1800	19.37	A	79	91	80	D,E
					B	74			
					C	78			
					D	100			
					E	100			
728111008	794604001				A	79	91	80	D,E
					B	74			
					C	78			
					D	100			
					E	100			

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5 Kurus 2009- 106077046	T 19	Grey	1620	17.54	A	98	101	91	D,E
					B	96			
	C	85							
	D	100							
	E	100							
728113002	793807001								
5 Kurus Old 106074034	T 19	Grey	1790	17.16	A	101	92	82	D, E
					B	88			
	C	90							
	D	100							
	E	100							
728113002	793807001								
1 Kurus 2009- 106075047	T 22 e1c Slv	Aztec Gold	1320	16.55	A	100	125	112	A,D,E
					B	89			
	C	69							
	D	100							
	E	100							
728119009 793129001 793132001	728136012								

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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....)
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.

