

Applicable Site(s)	Suttons	Ref.	IN-003145028		
Subject	NGC TUBE DATA SHEET INDIA	PCN	500000013062	Issue	G2
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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 $\mu\text{m}$	Coin Diameter in mm	Tube Base Offset		Full Count	Max Fill Count	Tube position restrictions (i.e. not in tube...)
					A	B			
50 paise (1988- ) 103204012	24	Lt Green	1470	22.0	A	77	112	97	-
					B	75			
					C	92			
					D	80			
					E	70			
1 Rupee (1993 - ) 103203021	27	White	1550	25.1	A	92	106	90	B
					B	100			
					C	98			
					D	94			
					E	33			
2 Rupee (1992- ) 103205020	29	Green	1620	26.6	A	100	102	85	A, B, D, E
					B	100			
					C	100			
					D	100			
					E	100			
5 Rupee (1992- ) 103207024	24	Pink	2900	23.2	A	116	57	49	E
					B	104			
					C	115			
					D	102			
					E	100			
2 Rupee (2006- ) 103200031	29	Green	1487	27.06	A	100	110	92	A, B, D, E
					B	100			
					C	85			
					D	100			
					E	100			
5 Rupee 2007 103208032	24	Yellow	2240	23	A	80	73	64	C
					B	87			
					C	100			
					D	95			
					E	92			

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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				
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.

