

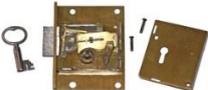
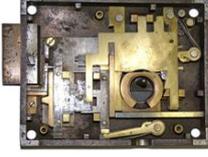
Part II - Catalogue of Exhibits

This section is in artefact numerical order to facilitate quickly finding the relevant notes to items on display. There is also an alphabetical index at the end of this section

We hope you enjoy the selections featured here. You are welcome to mark up the records (pencils provided) with missing or additional information for inclusion in future reprints/editions. The artefacts on display are periodically changed or updated; this also corresponds with a new edition of this book. We also welcome your artefact/document donations to feature in future displays either here in the MLA Heritage Lock Room or the History of Locks Museum Lock Rooms and Archive, more information from: curator@emorlands.com

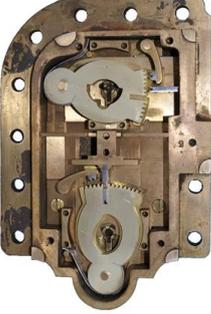
KEY TO ABBREVIATIONS	
Art No.	Artefact number
Class	main classification
CoR:	country or region
FdL:	found date & location
FM-	Fordingbridge Museum
H:	hazards
KID	keeper ID number
Loc	location
MLA-HR	MLA- Heritage Room
Mt:	materials
PFC-	formally: Peter Frima Collection
Ref No.	former ID number(s)
Sn:	serial number
Sz:	size
THC-	The Heritage Collection
Wt:	weight

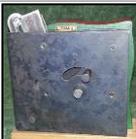
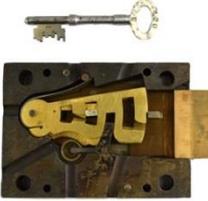
Art No: /KID /Ref No.	Maker or Brand	Image thumbnail	Class/Title: Serial number: Country or Region: Size: Materials: Weight: Hazards: FdL: Found date/location Description/Notes/Provenance.	Date: c – y m d – period – style -	Group /Loc
006 /1947	Hobbs		Key: Parautoptic, 6 levers. CoR: England. Sz: 135mm. Mt: steel. Wt: 96g. Bankers Changeable 6 lever key with both adjustable steps and removable bit.	19 th century 1860's	THC- MLA- HR9/2
011 /1947	Price, George		Lock: Cut cabinet. Sn: 323. CoR: England. Lock Sz: 76 x 58 x 17mm. Mat: brass, steel. Wt: 220g. Key Sz: 48mm. Mt: steel. Wt: 8g. Lock: Cut cabinet lock, Ne Plus Ultra 7 lever. Prices' anti-pressure patent in a flanged cabinet lock. One of a series of locks display fretted and originally donated, by the maker, to the South Kensington Museum (now the Science Museum).	19 th century 1860	THC- SKM- MLA- HR12/2
019 /1947			Strongbox: Armada chest. CoR: Germany. Strongbox Sz: 525 x 330 x 360mm. Mt: iron. Wt: Key Sz: 107mm. Mt: iron. Wt: 151g. The common name for strongboxes is an Armada chest; this is a bit of a misnomer in as much the items provenance should include the campaign or expedition associated with it; not all strongboxes were used in campaigns or expeditions, otherwise it is correctly referred to as a strongbox.	19 th century - Wilhelm I, Wt.	THC- MLA- HR23

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21 /1947	Parnell		Padlock: Defiance Patent Padlock. Sn: 1666. CoR: England Lock Sz: 57 x 85mm. Mt: brass, steel. Wt: 296g. Key Sz: 37mm. Mt: steel. Wt: 6g. Marked: 'Parnell's Patent 1666 Defiance Patent Lock, 52 Strand, London'. The key bit extends as it rotates in the lock.	19 th century	THC- MLA- HR12/2
022 /1947	Young, I		Lock: Fly Guard Lock. Sn: 273. CoR: England Lock Sz: 57x73mm. Mt: brass, steel. Wt: 156g. Key Sz: 40mm. Mt: steel. Wt: 6g. Marked: 'Fly Guard Detector Lock WR I Young Patentee '.	19 th century - WR	THC- MLA- HR4/1
024 /1947	Hobbs		Key: Tower of London Constables Ceremonial. CoR: England. Sz: 136mm. Mt: steel. Wt: 112g. Each time a new Constable is installed at The Tower of London a new pair of ceremonial keys are struck. One is offered to the Queen, who then asks the constable to keep it in his safe keeping. This example is from the Victorian era, although the constable has not yet been identified.	19 th century	THC- MLA- HR-9/1
027 /1947	Hobbs		Lock: Parautoptic, 6 lever Day and Newall design Sn: 500. CoR: England. Lock Sz: 202 x 158 x 37mm (plus 18mm bolt throw). Mt: iron, brass, bronze. Wt: 3kg. Key Sz: 102mm. Mt: steel. Wt: 50g. The original design of the Day & Newall lock introduced by Hobbs at the 1851 World's Fair at the original Crystal Palace. It has 6 levers each of which is split into three separate components to prevent any possibility of 'feeling' the combination.	19 th century 1850/51	THC- MLA- HR9/2
32 /1947	Hobbs		Lock: 12" anti-violence. Sn: 35374 CoR: England. Sz: 291 x 118mm (plus bolt throw). Mt: steel, brass, bronze. Wt: Key Sz: 118mm. Mt: steel. Wt: 29g.	20 th century 1924	THC- MLA- HR9/1
39 /1947	Hobbs		Padlock: Douglas seal patent. Sn: B780. CoR: England. Lock Sz: 51 x 103mm. Mt: brass, bronze. Wt: Key Sz: 48mm. Mt: steel. Wt: 16g	20 th century	THC- MLA- HR9/2

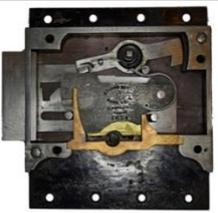
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41 /1947	Ingersoll		Paperweight with embedded S key. CoR: England. Sz: 75 x 55 x 35mm. Mat: acrylic, nickel-silver. Wt: 176g. To commemorate the opening of the Ascot factory.	20 th century	THC- MLA- HR20/2
44 /1947	Cotterill		Padlock: Acme Patent Sn: 17. CoR: England. Lock Sz: 52 x 91mm. Mt: brass, steel. Wt: 386g. Key Sz: 53mm. Mt: steel. Wt: 14g.	19 th century	THC- MLA- HR
45 /1226	Aubin		Lock Trophy: CoR: England. Sz: 350mm dia. x 810mm. Mt: steel, brass, wood. Wt: First exhibited at the 1851 Worlds Trade Fair 'The Great Exhibition' Crystal Palace. It took two years to make and features 44 different lock principles.	19 th century 1851	THC- GS- MLA- HR/24
50 /1947	Chubb		Lock: Detector patent. Sn: 452. CoR: England. Lock Sz: 153 x 116mm (plus extended bolt). Mt: iron, brass. Wt: 1.484 Found on Carron cast iron chest/strongbox, suspect that it was fitted by Chubb as bolt work is also stamped Chubb. The earliest known surviving Chubb detector lock found so far.	19 th century 1819	THC- MLA- HR8/2
61 /1947	Ratner		Model: Strongroom Door. CoR: England Sz: 196 x 333 x 90mm. Mt: steel, brass, Wt:	20 th century	THC- MLA- HR11/4
98 /1947	Castell		Padlock: CoR: England Lock Sz: 32 x 40mm. Mt: brass, steel. Wt: 71g. Key Sz: 52mm. Mt: nickel silver. Wt: 12g. Patent 430168.	20 th century	THC- MLA- HR17/2

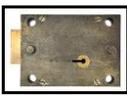
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99 /1947 /PF-083 /222	Bauche		Padlock: CoR: Germany. Lock Sz: 79 x 120mm. Mt: brass, steel. Wt: 506g. Key Sz: 49mm. Mt: steel. Wt: 8g.	19 th /20 th century	THC- PFC- MLA- HR18/2
128 /1947	Lowe & Fletcher		Padlock: Paper Seal. CoR: England. Sz: 35 x 53mm. Mt: brass. Wt: 84g. Utility meter Seal padlock, no key. Marking: EMEB (East Midlands Electricity Board)	20 th century	THC- MLA- HR17
144 /1947	Nettlefolds		Lock: safe, A1 Guardian. CoR: England Sz: 61 x 104mm. Mt: brass, steel. Wt: 378g. Marked: Aubin Maker. A brass block, with just enough space to allow the key to enter, is attached to and moves with the bolt tail which makes the lock powder proof.	19 th century	THC- MLA- HR4/3
150 /1947	Chubb/Hobbs		Casket: CoR: England Sz: 120 x 51 x 90mm. Mt: brass, gold plated, steel. Wt: 824g Box made by Chubb apprentices, James Stringer & others and presented to Mr S T Ellice-Clarke on his retirement when Chubb acquired Hobbs. Gold plated box fitted with a Hobbs fretted and engraved exhibition ledger lock and engraved key, dating from the 1860's	19 th & 20 th century 1860's & 1958	THC- MLA- HR9/2
162 /1947 /PF-355 /261			Padlock: Spring Barb Padlock with Turning Key. CoR: Germanic. Lock Sz: 82mm. Mt: iron. Wt: 712g. Key Sz: 122mm. Mt: iron. Wt: 58g.	17 th /18 th century	THC- PFC- MLA- HR2/1
166 /1947	Bramah		Lock: Folio. CoR: England. Sz: 48 x 69mm. Mt: brass, steel. Wt: 81g. Key Sz: 43mm. Mt: steel. Wt: 6g. Marked on rear flange: '404 c. Lange'	20 th century 1920's	THC- MLA- HR4/2
167 /1947	Bramah		Lock: safe, 7 slider. CoR: England. Size: 154 x 121 x 78mm. Mat: brass, steel. Wt: 1.859. Key Sz: 143mm. Mt: steel. Wt: 120g	19 th century - Victorian -	TRC- MLA- HR4/2

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0000170 /1947			Lock: stock, Banbury Style. CoR: Lock Sz: 227 x 130mm (plus 14mm bolt throw) Mt: wood, iron. Wt: 714g. Key Sz: 104mm. Mt: steel. Wt: 50g.	18 th /19 th century - Georgian/ Victorian -	THC MLA- HR-
171 /1947	Barron		Lock: Rim, 3 tumblers. CoR: England. Lock Sz: body 180 x 118mm, (excluding 20mm bolt throw), Mt: brass, steel. Wt: 1.529kg. Key Sz: 102mm. Mt: steel. Wt: 54g. A rim deadlock with 3 double acting tumblers and a bridge ward. Single sided operation.	19 th century	THC- MLA- HR4/1
173 /1947	Chubb		Badge: Safe Plate. CoR: England. Sz: 124 x 93 x 2mm. Mt: pressed brass. Wt: 54g. Reads: "Chubb's Patent Safe 128 Queen Victoria St. St. Pauls London"	19 th century	THC- MLA- HR8/1
195 /1947	Chubb		Lock: double detent. CoR: England. Sz: Mt: bronze, brass, steel. Wt: Left hand lock from Chubbs 'X' Boltwork strongroom door. The lower detent pack consists of 7 levers and controls a hardened steel shutter over the keyway of the top pack, which is also detent controlled but with 9 levers, and engages/disengages the lock bolt with the door Boltwork. Two of these locks were fitted to the door as well as two oversize 4 wheel combination locks.	19 th Century	THC- MLA- HR22/5
196 /81 /MN	Martingerst, Johann		Lock, Mastership CoR: Germany, Schwabach. Lock Sz: Lock-340mm (358mm including thrown bolts) x 193, Mt: steel, brass. Wt: 12lbs. Key Sz:. Inscription Reads: "FROM STEEL, IRON AND BRASS I WAS TAKEN. FIRE, HAMMER, ANVIL HAVE MASTERED ME. THROUGH FILING AND POLISHING FORCED INTO REFINEMENT. THEREFORE I SUCCEEDED WITH GOD. WITHOUT HIS POWER NOTHING CAN BE DONE. JOHANN MARTINGERSTL (probably the locksmith) HAS MADE ME. SCHWOBACH (Now spelt Schwabach, a town near Nuremberg, Germany) 1 NOVEMBER ANNO 1748"	18 th century 1748,11,01	THC- WMN- MLA- HR
241 /1947			Casket: with secret release button. CoR: Sz: 138 x 77 x 90mm. Mt: Wt: 843g.	18 th /19 th century	GC- HoL-H MLA- HR
263 /1947	Kromer		Lock: Automat Combination, DRP46083 1888. Sn: 947. CoR: Germany. Body Sz: 139 x 120 x 20mm. Mt: steel. Wt: Dial Sz: 95dia x 71mm. Mt: brass. Spindle to suit a 25mm door.	19 th century 1890's	THC- MLA- HR22/4

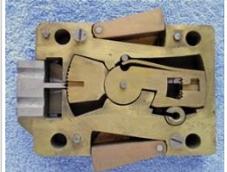
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270 /1947	Hobbs		<p>Lock: Double Stump. CoR: England. Lock Sz: 130 x 93mm (excluding bolt throw of 17mm). Mt: iron, brass. Wt: 2.224kg. Key Sz: 100mm. Mt: steel. Wt: 36g.</p> <p>Key marked: Hobbs & Co. Patents 420C. The smallest of the 'violence' locks this example also features double entry. This lock was used in conjunction with artefact No. 290.</p>	19th century 1902	THC- MLA- HR22/5
289 /1947	Hobbs		<p>Lock: solid patents 9 lever Change key Sn: 8073, Co: England Lock Sz: 130 x 93 x 30mm. (plus 14mm bolt throw). Mt: steel, brass, bronze. Wt: 2.032kg. Key Sz: 85mm. Mt: steel. Wt: 18g. With 2 keys marked 450c.</p>	19th century 1881	THC- MLA- HR9/2
290 /1947	Hobbs		<p>Lock: Anti-violence, double entry Sn: 23951. CoR: England Lock body Sz: 441 x 126. Mt: iron, brass, bronze. Wt: Key Sz: 102mm. Mt: steel. Wt: 94g (includes attached brass label) Label Sz: 101 x 25mm. Mt: brass. Attached to key with a steel ring 30mm dia,</p> <p>The lock is double entry with dissimilar keys for the inside and outside, key marked: 420 C. The brass strip on the upper edge protects the bolt work aperture against the ingress of debris, indicating the lock was fitted to the door horizontally.</p>	20th century 1902	THC- MLA- HR22/5
309 /1947	Walton		<p>Lock: Rim, 3 false notched levers CoR: England Lock Sz: 205 x 133mm (plus 24mm bolt throw). Mt: steel, brass, bronze. Wt: 2.52kg. Key Sz: 132mm. Mt: steel. Wt: 97g. The Walton family were very inventive locksmiths and were one of the earliest to feature false notches in their locks.</p>	19th century - Georgian	THC- MLA- HR4/3 Note: cap in AB-W
312 /1947	Yale		<p>Time Lock: Pindial. CoR: USA. Sz: 198 x 153 x 79mm. Mt: brass, steel, glass. Wt:</p> <p>With two E Howard movements and the weekend attachment. Note the eyelets set in the glass for winding the movements; once set there would be no need to open the door to operate the lock.</p>	19th century	THC- MLA- HR22/1
313 /1947	Parnell		<p>Key: Defiance Patent. CoR: England. Sz: 133mm. Mt: brass, steel. Wt: 122g.</p>	19th century	THC- MLA- HR12/2

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316 /1947	Hobbs		Badge: safe plate. CoR: England Sz: 254 x 194mm, Mt: cast iron. Wt: 1.054kg. A highly decorated badge. Many companies celebrated Queen Victoria's jubilees with special versions of their products.	19 th century	THC- MLA- HR9/1
346 /1947			Lock: Alarum Rim, apprentice/exercise. CoR: France. Lock Sz: 229 x 144 mm (plus bolts and knobs). Mt: brass, steel. Wt: 3.322kg. Key Sz: 180mm. Mt: iron, brass. Wt: 89g.	19 th century	THC- MLA- HR7/1
375 /10 /140a	Milner		Badge: Keyway Escutcheon CoR: England. Sz: 53 x 94mm. Mt: brass. Wt: 87g. Reads: Milners Quadruple Patent Fire resisting Holdfast with powder Proof Solid Lock & Door Liverpool & London	19 th century	THC- JMF- MLA- HR6
391 /10 /153	Milner		Lock: Safe, Dual Control. Sn: U3049. CoR: England Sz: 104 x 87mm. Mt: iron, steel, brass. Wt: 1.393kg.	20 th century 1909	THC- JMF- MLA- HR
388 /1947 /150	Milner		Lock: Safe, Change Key. CoR: England. Sz: 133 x 91mm (excluding bolt head/tail). Mt: brass, bronze, steel. Wt: 2.03kg.	19 th century	THC- JMF- MLA- HR
415 /177	Ratner		Lock: Safe, Change Key. Sn: 24627. CoR: England. Lock Sz: 145 x 88. Mt: cast iron, steel, brass. Wt: 2.242kg. Key Sz: 99mm. Mt: steel. Wt: 20g. "with 3 differ c-k keys, serial numbers 28208, 30065 and un-numbered. The key that locks is the only one that can open it.		GC- HOL-H JMF- MLA- HR
417 /10 /179	Tann. John Tann.		Badge: Safe CoR: England. Sz: 200 x 230mm. Mt: pressed brass. Wt: 267g.	19 th century	THC- JMF- MLA- HR
423 /1947 /185	Tann. John Tann.		Lock: direct drive safe lock with detector. CoR: England Sz: 113 x 141mm. Mt: steel brass. Wt: 1.116kg.	19 th century 1840's	THC- JMF- MLA- HR

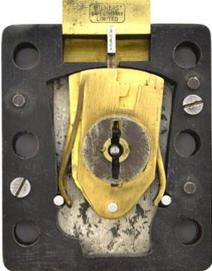
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425 /10 /187	Tann. John Tann. 11 Newgate Street, London.		Lock: Safe, Bank Lock CoR: England Sz: 180 x 170mm. Mt: steel, brass, bronze. Wt: 3.6kg " large patent bank lock with nozzle, 8 levers and relocker"	19 th century 1874	THC- JMF- MLA- HR
426 /1947 /188	Ratner		Lock: Change Key safe with fretted cap CoR: England. Sz: 128 x 85mm. Mt: iron, steel, brass. Wt: 1.772kg.	20 th century 1930's	THC- JMF- MLA- HR
429 /1947 /191	Tann, John Tann		Lock: CoR: England Sz: 128 x 111mm. Mt: steel, brass. Wt: 1.789kg. Including all the features as lock artefact 5004, but with the addition of the nozzle patent.	20 th century 1900's	THC- JMF- MLA- HR5/3
440 /1947 /161a	Chubb		Lock: 12 Lever. CoR: England. Sz: 178 x 133mm. Mt: steel brass. Wt: 3.6kg. One of a pair of locks used in conjunction with Chubbs diagonal Boltwork, Patent No. BP2856.	19 th century 1880's/90's	THC- JMF- MLA- HR
447 /1947 /168a	Lumby		Lock: Invincible style (Chatwood) Sn: 7636. CoR: England Sz: 65 x 128mm. Mt: brass, steel. Wt: 759g. 7 levers. Marked: Excelsior Halifax. This design invented by Robert Wharton Parkin, but not patented whilst with Chatwood; it was patented however when he moved to Lumby's.	19 th century Victorian	TRC- JMF- MLA- HR12
448 /1947 /169a	Whitfield, F		Lock: Safe, Mappins Patent. Sn: A12368. CoR: England Lock Sz: 90 x 115mm. Mt: steel, brass. Wt: 676g. Key Sz: 93mm. Mt: steel. Wt: 43g.	19 th century	THC- JMF- MLA- HR

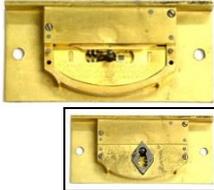
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705 /1947	Hobbs		Lock: Safe, Protector Patents, CoR: England. Sz: 94 x 91mm. Mt: iron, brass. Wt: 1.098kg. The highest grade 'square' lock featuring both the ant-pressure and nozzle patents in a powder proof block which also contained channels and holes to vent explosive gases, the bolt head also has vent holes. Note: This lock is displayed with a 'Progress D' escutcheon; artefact No. 4925.	19 th century	THC- MLA- HR22/5
716 /1947	Hobbs	 	Lock: Protector Patents 9 lever Safe Lock, with V keyway. CoR: England. Sz: 130 x 93mm (plus 16mm bolt throw). Mt: steel, iron, brass, bronze. Wt: 2.291kg. Bolt head drilled with 2 holes & marked "	19 th century	THC- MLA- HR9/4
718 /1947	Bramah's Concept Model		Model: Bramah's Concept Model CoR: England. Mat: Brass, stainless steel. Joseph Bramah visualised his revolutionary lock and described it in his dissertation of 1788 with the aid of a diagram. This is a working model of his visualisation diagram. The model very clearly demonstrates both double acting and key differing principles.	21 th century 2015	TRC- THC-
719 /1947	Tann, John		Badge: Safe Badge. CoR: England. Sz: 146 x 168mm. Mt: cast brass. Wt: 528g. Cast in brass this badge would have been used on the highest grade vault doors. The Reliance patent, symbolised with an anchor, first introduced in 1845 and featured in the best Tann safe locks.	20 th century	THC- MLA- HR5/1
735 /1947	Cotterill, E., & Co		Badge: Combined Safe Plate & Escutcheon. CoR: England. Sz: 142 x 140mm. Mt: cast brass. Wt: 306g. Reads: E. Cotterill & Co. Manufacturers Climax Works Birmingham Patent Acme Lock.	19 th century	TRC- MLA- HR12
749 /1947	Hobbs	 	Lock: Protector Patents, rectangular 9 lever Lock with Knife Edges. Sn: 30186. CoR: England. Sz: 127 x 91mm plus 12mm bolt throw). Mt: iron, brass, bronze, steel. Wt: 1.886kg. Double entry keyway with key retaining stops, and contains 2 "knife edges". The case was produced for the change key lock but only contains a normal lever pack. It's thought that these cases were pressed into use due to material shortages/restrictions during WWI.	20 th century 1915	TRC- MLA- HR9/2

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753	Hobbs		<p>Padlock: Seal Padlock, Tucker & Reeves pattern Sn: D13915. CoR: England. Lock Sz: 82x136mm. Mt: brass, steel. Wt: 1.103kg. Key Sz: 72mm. Mt: Steel. Wt: 49g.</p> <p>Used by Customs & Excise on bonded warehouses, tankers etc.</p> <p>Marked: IR (Inland Revenue?)</p>	20 th century 1915	THC- MLA- HR9/3
760 /1947	Sargent & Greenleaf		<p>Key: Portal, American Secret Service retirement Key CoR: USA. Sz: 206mm. Mat: gold plated. Wt: 306g. A gold plated presentation key given to retiring agents, this example has a Kennedy dollar inserted where the recipient's name would have been engraved.</p>	20 th century 1970's	THC- MLA- HR20/1
774 /1947			<p>Padlock: Spring Barb Padlock, Sliding Key. CoR: Lock Sz: 138mm. Mt: brass. Wt: 462g. Key Sz: 134mm (closed), 215mm (open). Mt: brass. Wt: 106g.</p>	19 th century Traditional	THC- PPC- MLA- HR1/2
777 /1947			<p>Padlock: Spring Barb Padlock with Sliding Key. CoR: Africa Lock Sz: 90mm. Mt: iron, brass. Wt: 60g. Key Sz: 60mm. Mt: iron, copper. Wt: 6g. Donated to HoL in 1970's by an ex-soldier who acquired it during WWII North Africa campaign.</p>	19 th century	THC- MLA- HR1/2
804 /1947			<p>Padlock: Spring Barb, with Sliding Key. CoR: Middle East. Lock Sz: 143mm. Mt: brass, iron. Wt: 248g. Key Sz: 168mm. Mt: brass, iron. Wt: 56g. A Traditional style padlock where the barbs are compressed with a sliding action with the key. This example also has external wards. Note the decorated brass panels on both the lock and key.</p>	19 th century	THC- MLA- HR1/2
813 /1947			<p>Key: Venetian. Sz: 105mm. Mt: steel. Wt: 35g.</p>	18 th century	THC- MLA- HR1/2
816 /1947	Bode Panzer		<p>Lock: Tangential with La Fetton. CoR: Germany Body Sz: 122 x 122mm (plus linkage connections). Mt: steel. La Fetton Sz: 100mm dia. x 35mm. Mt: brass, steel. Spindle length to suit a 150mm thick door.</p> <p>This was the lock of the Nazi party; it was used in this version on diplomat's safes such as the safe von Ribbentrop used, who was Hitler's foreign minister in London. A version of this lock was also used to secure the German Navy U boat enigma code books.</p>	20 th century	THC- MLA- HR21/3

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895 /1947	Tann		Lock: Exhibition Rim Deadlock. Sn: 12117. CoR: England. Lock Sz: 159 x 122 (plus 17mm bolt throw). Mt: steel, brass. Wt: 1.983kg. Key Sz: 102mm. Mt: steel. Wt: 26g.	19 th century	TRC- THC- MLA- HR5/1
897	Abloy		Padlock: Cutaway Padlock 3045-25. CoR: Finland Lock Sz: 46mm. Rotating spring-less discs.	20 th century	THC- MLA- HR
908 /1947			Padlock: Combination, 4 wheel. CoR: England. Sz: 35x45mm '3' stamped on end. A typical Victorian combination padlock, this example with 4 wheel rings engraved with letters.	19 th century - Victorian -	THC- MLA- HR
919 /1947	Chubb		Badge: Escutcheon, Fish Logo. CoR: England. Sz: 44 x 25mm. Mt: brass, bronze. A key escutcheon with sliding bronze flap on a brass base. Reads: "Trade Mark Chubb London".	19 th /20 th century	THC- MLA- HR8/1
927 /1947	Ratner		Lock: Change Key Lock Sn: 12376. CoR: England. Lock Sz: 129 x 86 x 30mm. Mt: iron, brass. Wt: 1.904kg. Key Sz: 99mm. Mt: steel. Wt: 19g.	19 th century	THC- MLA- HR11/1
990 /1947	Nettlefold		Lock: A1 Guardian Rim Dead Lock CoR: England, London Lock Sz: 154 x 116mm (plus 20mm bolt throw). Mt: iron, brass. Wt: 1.657kg. Key Sz: 130mm. Mt: iron. Wt: 52g. 5 levers. Aubin's anti-pressure device in a double sided 5 lever deadlock.	19 th century 1879	THC- MLA- HR4/3
995 /1947	Ratner		Lock: Safe, Wedge Bolt. Sn: 45803. CoR: England. Lock Sz: 139 x 93mm (117 x 141mm with bolt/wedges thrown). Mt: brass, bronze, steel. Wt: 1.98kg. Key Sz: 152mm. Mt: steel. Wt: 29g.	20 th century 1920's	THC- MLA- HR11/2

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996 /1947	Chubb		Lock: Safe, Dual Control. Sn: A4061. CoR: England, London. Lock Sz: 64 x 87mm. Mt: brass. Wt: 1.019kg. Key 1 Sz: 117mm. Mt: steel. Wt: 21g. Key 2 Sz: 117mm. Mt: steel. Wt: 21g. This example from a bank night safe.	20 th century 1920's	TRC- MLA- HR8/2
1006 /1947	Milner		Lock: Safe, A1 Guardian CoR: England. Lock Sz: 96 x 92 x 20mm (plus 12mm bolt throw). Mt: iron, brass. Wt: 1.096kg. Key Sz: 68mm. Mt: steel. Wt: 14g. Escutcheon Sz: 62 x 97mm. Mt: brass. Wt: 120g Key marked: 'Picklock Proof'	19 th century	THC- MLA- HR6/2
1009 /1947			Key: Roman tumbler, Finger Ring. CoR: Roman Empire. Sz: 29 x 38mm. Mt: Bronze Wt: 15g.	2 nd -8 th century	THC- MLA- HR1/2
1011 /1947 /PF-516 /291			Lock: Clicker, 4 wheel. CoR: Sz: 134 x 134 x 90mm. Mt: iron, brass. Wt: 1.218kg. Code: MPVS Typically used to block the main key lock on early European safes of the 19 th /20 th century.	19/20 th century	THC- PFC- MLA- HR12
1026 /1947 /PF-437			Safe door: with box of wards and key. CoR: Key Sz: 140mm. Mt: steel. Wt: 254g. Escutcheon Sz: 100mm dia. Mt: cast iron. Wt: 376g. A box of wards style key with a shaft formed both internally and externally in the shape of a 5 pointed star. Oval bow with stylised drops internally, the boss proportionally tapers and is embellished with decorative turnings. Wedge bit.	18 th century	THC- PFC- MLA- HR2/3
1033 /1947	W-Lok		Padlock: springless CoR: USA. Sz: 52mm. Mt: stainless steel. Wt: Features: Harsh environment	20 th century 1999/06/12	THC- MLA- HR20/2
1089 /1947	Cotterill		Latch: Patent Latch. CoR: England Sz: 120 x 76mm, Mt: iron, brass. Wt: 192g.	19 th century	THC- MLA- HR4/2

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1104 /1947	Tann, J		Lock: Exhibition engraved & Fretted Showcase Lock CoR: England Lock Sz: 98 x 76mm (plus 14mm bolt throw). Mt: brass, steel, silver plating. Wt: 590g. Key Sz: 69mm. Mt: steel, silver plated. Wt: 11g. Features include Guarded lever, Reliance patent and detector. Key Marked: J Tanns Patent 30 Walbrook London.	19 th century 1850's	THC- MLA- HR5/1
1117 /1947	Ratner		Lock: Double Stump. Sn: 49714. CoR: England. Size: 109 x 87mm (plus 9mm bolt throw). Mt: Brass, steel. Wt: 1.466kg.	20 th century 1930	THC- MLA- HR11/2
1121	Chubb		Lock: Detector, Improved Patent. Sn: 27947. CoR: England, London. Lock Sz: 152 x 139mm (Plus extended bolt). Mt: iron, brass. Wt: 1.562kg. Key Sz: 114mm. Mt: steel. Wt: 58g.	19 th century	THC- MLA- HR8/3
1126	Chubb		Lock: Rim Deadlock, Detector, New Patent. Sn: 121314. CoR: England. Lock Sz: 307 x 91mm. Mt: iron, brass. Wt: Key Sz: 149mm. Mt: steel. Wt: 139g.	19 th century 1843/02/28 Victorian -	THC- MLA- HR8/4
1129 /1947	Chubb		Lock: Detector, Definitive. Sn: 624431. CoR: England, London. Lock Sz: 84 x 93 x 19mm (plus 22mm flange return, 36mm knob protrusion and 8mm bolt throw). Mt: steel, brass. Wt: 652g. Key Sz: 82mm. Mt: steel. Wt: 14g. A 5 lever deadlocking rim latch with hold back snib and a definitive detector.	19 th century 1870	THC- MLA- HR8/1
1132 /1947	Milners' Safe Co Ltd.		Badge: Safe Plate. CoR: England. Size: 159 x 163mm. Mat: cast brass.	20 th Century	THC- MLA- HR6/1
1136 /1947	Milner		Lock: Safe, double bitted. CoR: England Sz: 87 x 103 x 25mm (plus 11mm bolt throw). Mt: iron, brass. Wt: 1.272kg. Believed to be a prototype, experimental or for a specific client request, this is the only one known so far.	19 th century	THC- MLA- HR6/2
1139 /1947			Key: Venetian Size: 119mm. Mt: iron. Wt: 47g.	18 th century	THC- MLA- HR1/2
1140 /1947			Key: Venetian CoR: Sz: 92mm. Mt: iron. Wt: 46g.	18 th century	THC- MLA- HR1/2

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1141 /1947			Key: Box of Wards . CoR: England. Sz: 129mm. Mt: steel. Wt: 110g. Box of wards key with dust stopper, typically used on early safes and strongboxes.	19 th century	THC- MLA- HR3/2
1142 /1947	Wright & Groom		Lock: Davis Patent Dispatch Box Lock. CoR: England. Size: 76 x 41mm. Mt: brass, steel. Wt: 138g. Marked: on flange – Wright & Groom Manufactures. On cap – Colonial Office Downing Street. Under cap – Any one applying for a key inform this office and you shall be rewarded.	19 th century	TRC- THC- MLA- HR2
1143 /1947	Wright & Groom		Lock: Davis Patent Dispatch Box Lock. CoR: England. Size: 93 x 44mm. Mt: brass, steel. Wt: 184g. Marked: On flange – Wright & Groom Manufacturers London, on outer cap: 'Foreign Office Downing Street' and on removal of the cap it's further inscribed with the following warning 'If anyone apply for a key inform a secretary of state & you shall receive £50.'	19 th century - William IV	THC- MLA- HR4/2
1146 /1947	Tann, John		Lock: Sliding Door Exhibition Rim Lock. CoR: England Lock Sz: 180 x 133mm (plus 11mm bolt extension and 37mm when thrown). Mt: iron, brass. Wt: 2.34kg. Key Sz: 93mm. Mt: steel. Wt: 39g. From the original Tann Exhibition Showcases.	19 th century	THC- MLA- HR5/1
1147 /1947	Tann, John		Lock: Rim Dead Lock, Exhibition. Lock Sz: 199 x 125mm. Mt: steel, brass. Wt: 2.013kg. Key Sz: 111mm. Mt: steel. Wt: 42g.	19 th century	THC- MLA- HR5/3
1148 /1947	Tann, John		Lock: Rim Lock, Exhibition. CoR: England Lock Sz: 149 x 98mm. Mt: iron, brass. Wt: 1.036k. Key Sz: 95mm. Mt: steel. Wt: 20g. From the original Tann Exhibition Showcases.	19 th century	THC- MLA- HR5/2
1152 /1947	Diebold		Time Lock: Sn: 3956. CoR: USA Sz: 142 x 110 x 70mm. Mt: brass, steel, glass. Wt: 3 72 hour jewelled movements, first patented May 22 nd 1894	19 th /20 th century	THC- MLA- HR22/1
1153 /1947	Price, George		Badge: Safe Makers Combined Plate and Key Escutcheon. D: Victorian. Size: 125 dia. Co: England. Mat: cast brass. Reads: "George Price's Improved Patent Cleveland works Wolverhampton Prize Medal 1862 For Safes & Locks G".	19 th century	THC- MLA- HR12/2
1155 /1947	Yale		Time Lock: 3 Movement CoR: USA. Sz: 132 x 123 x 72mm. Mt: brass, steel, glass. Wt: 3.342kg. Special time lock which directly operates, via linkage, a clockwork powered bolt-work motor which would release the door at a predetermined time. There	19 th /20 th century	THC- MLA- HR22/1

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			would be no external locks, keyholes or handles on the safe door.		
1157 /1947	Hobbs		Lock: safe, for Milner. Sn: 21392. CoR: England. Lock Sz: 95 x 122mm (plus 11mm bolt throw). Mt: brass, bronze, steel. Wt: 741g. Key Sz: 78mm. Mt: steel. Wt: 16g. With Hobbs protector patent and Goater vanes, combined with Milners solid patents. Note the filled keyhole, Milner's solid patent gave rise to the 'V' key way in the drive to minimise the 'fresh air' inside the lock.	19 th century	THC- MLA- HR9/1
1158 /1947	Ratner		Lock: 7 lever safe. Sn: 73345. CoR: England. Lock Sz: 103 x 86 (plus 13mm bolt throw). Mt: bronze, steel, brass. Wt: 1.111kg. Key Sz: 192mm. Mt: steel. Wt: 60g. Features: 7 false notched levers, bolt blocker, relocker tail, detachable bit key.	20 th century 1977	THC- MLA- HR11/2
1167 /1947			Lock: Wooden. CoR: Lock Sz: 278 x 230mm. Mt: wood, acrylic. Wt: 612g. Key Sz: 260mm. Mt: wood. Leather. Wt: 72g. Replica, of 2000 year old principle, Tumbler Lock Model. Made by the late Tony Clare, with a clear acrylic back to demonstrate the principle.	20 th century	THC- MLA- HR1/3 Ancient Egyptian.
1170 /1947	Bankers Dust Proof Time Lock Co.		Time Lock: 3 Movement Sn: 2760. CoR: USA. Used on safes with no other locks, so the safe automatically opened when the pre-set time elapsed.	19 th century	THC- MLA- HR22/1
1175 /1947	Milner		Lock: Safe, Whitingham Dual Control. Sn: 178236. CoR: England Lock Sz: 106 x 100 x 24mm. Mt: iron, brass. Wt: 1.479kg. Key Sz: 78mm. Mt: steel. Wt: 9g.	19 th century	THC- MLA- HR6/2
1176 /1947	Milner		Lock: Safe, Triple gated. Sn: J3545. CoR: England Sz: 102 x 86 x 24mm. (plus 10mm bolt throw and 19mm lever overhang). Mt: brass, iron, steel. Wt: 1.446kg.	19 th century 1898	THC- MLA- HR6/1
1199 /1947	Chubb		Badge: Safe Plate. CoR: England. Sz: 119 x 53 x 3mm. Mt: cast brass. Wt: 75g Reads: "Chubb London".	19 th century	THC- MLA- HR8/1
1201 /1947	Chubb		Badge: Safe Plate. CoR: Australia. Sz: 157 x 121 x 3mm. Mt: cast brass. Reads: "Chubb's Australian Co. Ltd. Book Quality Safe Chubb Lock & Safe Makers London Sydney Melbourne & New Zealand".		THC- MLA- HR8/1

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1215 /1947	Lumby		Badge: CoR: England Size: 137 x 140 x 3mm. Co: England. Mat: cast brass. Reads: "Fire and Burglar Proof Safe Makers Lumby's Halifax England".	19 th century	THC- MLA- HR12
1217 /1947	SSG		Lock: Manifoil MK V R (modified). Sn: 018. CoR: England. Mt: steel, brass, cadmium lead. Hz: The shielding is a heavy metal – caution when handling.	20 th century 1977	THC- MLA- HR23/3 Note: Original box in HoL AB- SSG03
1237 /1947 /PF-042 226	Bauer		Padlock: Alpha CoR: Switzerland. Lock Sz: 50 x 77mm. Mt: brass, steel. Wt: 213g. Key Sz: 40mm. Mt: steel. Wt: 4g. Marked: "1526 Alpha Bauer AG Zurich 6 Patent"	20 th century	THC- PFC- MLA- HR17/2
1248 /1947 /PF-053	Burg		Padlock: CoR: Germany Lock Sz: 45 x 68mm. Mt: iron, steel. Wt: 223g. Key Sz: 47mm. Mt: iron. Wt: 8g.	20 th century	THC- PFC- MLA- HR17/2
1264 /1947 /PF-063	Fichet		Padlock: Push Key CoR: France Lock Sz: 54 x 63mm. Mt: brass, steel. Wt: 128g. Key Sz: 43mm. Mt: steel. Wt: 8g.	20 th century	THC- PFC- MLA- HR17/2
1265 /1947 /PF-064			Padlock: lever. CoR: Lock Sz: 49 x 74mm. Mt: brass, steel. Wt: 107g. Key Sz: 42mm. Mt: steel. Wt: 4g.	20 th century	TRC- PFC- MLA- HR17/2
1266 /1947 /PF-065 219	Guri		Padlock: CoR: Germany. Sz: 55 x 80mm. Mt: steel. Wt: 204g. With two punched tag style keys.	20 th century	TRC- PFC- MLA- HR17/2
1271 /1947 /PF-070			Padlock: CoR: Lock Sz: 58 x 84mm. Mt: steel. Wt: 219g. Key Sz: 72mm. Mt: steel. Wt: 15g. Key bit swings out from stem as key is pushed into lock.	20 th century	THC- PFC- MLA- HR17/2

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1276 /1947 /PF-075	Abloy		Padlock: classic. CoR: Finland. Lock Sz: 70 x 98mm. Mt: brass, steel. Wt: 968g. Key Sz: 51mm. Mt: nickel silver. Wt: 12g. Rotating spring-less discs.	20 th century	THC- PFC- MLA- HR
1279 /1947 /PF-078	Aaes Laas		Padlock: CoR: Sz: 59 x 78mm. Mt: brass, steel. Wt: 342g	20 th century	THC- PFC- MLA- HR
1280 /1700 /PF-079	Eagle Lock Co		Padlock: 4 Lever. CoR: USA. Lock Sz: 49 x 84mm. Mt: steel, brass. Wt: 164g. Key Sz: 46mm. Mt: steel. Wt: 7g.	19 th century	TRC- PFC- MLA- HR17/2
1291 /1947 /PF-085	Abloy		Padlock: CoR: Finland. Lock Sz: 74 x 95mm. Mt: iron, steel, brass. Wt: 974g. Key Sz: 49mm. Mt: nickel silver. Wt: 8g. rotating spring-less discs	20 th century	THC- PFC- MLA- HR
1295 /1947 /PF-089	Abloy		Padlock: early Classic CoR: Finland. Lock Sz: 49 x 72mm. Mt: brass. Wt: 198g. Key Sz: 52mm. Mt: nickel silver. Wt: 10g. rotating spring-less discs	20 th century	THC- PFC- MLA- HR
1299 /1947 /PF-093	Abloy		Padlock: CoR: Finland. Lock Sz: 43mm. Mt: brass. Wt: Key Sz: Rotating spring-less discs, with 2 keys. Early classic style with flat shackle.	20 th century 1920's	THC- MLA- HR18/2
1301 /1947 /PF-095	Abus		Padlock: Panzer No. 925 CoR: Germany Lock Sz: 50 x 78mm. Mt: steel. Wt: 203g. Key Sz: 46mm. Mt: steel. Wt: 7g. Note the early style logo.	20 th century	THC- PFC- MLA- HR17/2
1318 /1947	Arnheim		Lock: Radial Sn: 72846. CoR: Germany. Lock Sz: 150 x 150 x 290mm (475mm extended). Mt: steel, bronze. Wt: Key Sz: 18 x 19mm. Mt: steel. Wt: 6g. 22 sliders (Bramah style) set in semi-circle with small curved key witch is introduced into the lock via a la- fetton.	19 th century	THC- MLA- HR22/4

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1327 /1947 /PF-109	Idam		Padlock: Lock Sz: 55 x 85mm. Mt: steel, brass. Wt: 263g. Key Sz: 54mm. Mt: brass. Wt: 11g.	20 th century	THC- PFC- MLA- HR17/2
1337 /1947 /PF-119	Abus		Padlock: 555. CoR: Germany. Lock Sz: 49 x 72mm. Mt: steel. Wt: 138g. Key Sz: 49mm. Mt: steel. Wt: 8g.	20 th century	THC- PFC- MLA- HR17/2
1343 /1947 /PF-126 /173	Lips		Padlock: CoR: Netherlands. Lock Sz: 60 x 80mm. Mt: brass, steel. Wt: 141g. Key Sz: 46mm. Mt: steel. Wt: 10g. With factory vision panels; note the false notches on the bolt stump and levers.	20 th century	THC- PFC- MLA- HR17/2
1345 /1947 /PF-128	Lips		Padlock: 4 lever CoR: Netherlands. Lock Sz: 33 x 52mm. Mt: brass. Wt: 43g. Key Sz: 34mm. Mt: steel. Wt: 4g	20 th century	THC- PFC- MLA- HR17/2
1348 /1947 /PF-131	Lips		Padlock: CoR: Netherlands. Lock Sz: 33 x 52mm. Mt: brass. Wt: 41g. Key Sz: 34mm. Mt: steel. Wt: 4g. With vision cut-outs.	20 th century	THC- PFC- MLA- HR17/1
1354 /1947 /PF-137			Padlock: 4 dial CoR: Germany. Sz: 50 x 78mm. Mt: iron, brass. Wt: 220g Marked: DRGM. Code: 3210 Roman, notched shackle, style.	19 th /20 th century	TRC- PFC- MLA- HR17/2
1356 /1947 /PF-139	Abus		Padlock: Combi NO.150 CoR: Germany Sz: 50 x 75mm. Mt: steel. Wt: 174g. With code tag: 23313.		TRC- PFC- MLA- HR- 17/2
1377 /1947	Sargent & Greenleaf		Lock: 4 wheel Combination safe lock Sn: 865 Roundel in the centre of the dial reads: "J & J Taylor Combination: 5xR: 13, 4xL: 54, 3xR: 27, 2xL:81, R to open. Originally fitted to the Royal Bank of Canada, later to become Hong kong & Shankhii Bank (HSBC), the original installation specified by J M Mossman.	19 th century	THC- MLA- HR22/2

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1381 /1947			Lock: Banbury Stock CoR: England Lock Sz: 269 x 175mm (plus 30mm bolt throw). Mt: iron, wood. Wt: 2.18kg. Key Sz: 181mm, Mt: iron. Wt: 190g.	18 th /19 th century - pre- industrial	THC- MLA- HR2/1
1390 /1947 /144	Vachette		Padlock: CoR: France Lock Sz: 45 x 70mm. Mt: iron, brass. Wt: 116g. Key Sz: 52mm. Mt: iron. Wt: 10g. Lock marked: Brevete VF Paris. Key stamped: 36E 1.	20 th century	THC- PFC- MLA- HR17/2
1392 /1947 /PF146	Hopmi		Padlock: CoR: Germany Lock Sz: 66 x 82mm. Mt: steel. Wt: 152g. Key Sz: 55mm. Mt: steel. Wt: 7g.	20 th century	THC- PFC- MLA- HR17/2
1416 /1700 /PF-154	Lips		Padlock: CoR: Netherlands Lock Sz: 34 x 55mm. Mt: brass. Wt: 95g. Key Sz: 40mm. Mt: nickle silver. Wt: 4g. Factory cutaway, 4 pin tumbler. Padlock marked: lips (in a cartouche). Key marked: Lips 887.	20 th century	TRC- PFC- MLA- HR17/2
1464 /1947 /PF-198	Fries		Lock: Cabinet. CoR: Holland Lock Sz: 88 x 107mm. Mt: steel, brass. Wt: 396g. Key Sz: 50mm. Mt: steel. Wt: 14g. A 3 lever cut cabinet lock plus a fixed guarded lever.	19 th century	THC- PFC- MLA- HR4/1
1485 /1947 /PF-219 /257			Lock: Cabinet, with a secret CoR: Lock Sz: 125 x 114mm. Mt: brass, steel. Wt: Key Sz: 57mm. Mt: steel. Wt: 12g. Double throw with a reset feature and a clutch type latch. The latch is not driven by a spindle but is drawn back by the key.	17 th /18 th century	THC- PFC- MLA- HR3/3
1492 /1947 /PF-226 /190	Fries, I P		Lock: Cabinet. CoR: Netherlands. Lock Sz: 127 x 111mm. Mt: brass, steel. Wt: 544g. Key Sz: 60mm. Mt: steel. Wt: 18g. Marked: 'Zeyst' and on cap: 'vry voor open steken'.	19 th century	THC- PFC- MLA- HR4/1
0001552 /PF-278	Aaltein, van		Lock: Rim deadlock with latch. CoR: Netherlands. Case Sz: 117 x 118mm. Mt: steel, brass. Wt: 1.442kg. Key Sz: 70mm. Mt: steel. Wt: 26g. A Dutch made double throw rim deadlock with a latch which can also be withdrawn by the key but utilises a German made double entry Kromer cylinder.	20 th century	HoL- PFC- 278 MLA- HR

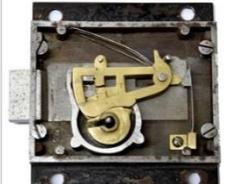
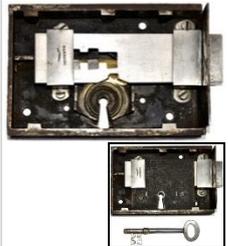
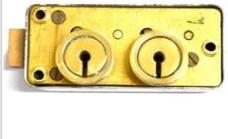
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1631 /1947 /PF-356			Padlock: Spring Barb with Turning Key. CoR: European Lock Sz: 35 x 63mm. Mt: iron. Wt: 49g. Key Sz: 49mm. Mt: iron. Wt: 7g.	18 th century	THC- PFC- MLA- HR2/1
1638 /1700 /PF-363			Manacles: Thumb cuffs CoR: USA Sz: 103 31mm. Mt: steel. Wt: 86g. Key Sz: 43mm. Mt: steel. Wt: 6g.	19 th /20 th century	THC- PFC- MLA- HR13/1
1645 /1947 /PF-370 /294			Lock: Chest/strongbox. CoR: Europe. Lock Sz: 345 x 318mm. Mt: iron. Wt: Key Sz: 136mm. Mt: iron. Wt: 135g. Typically used on oak banded and studded strongboxes.	18 th century	THC- PFC- MLA- HR3/4
1646 /1947 /PF-371			Lock: Chest. CoR: Lock Sz: 155 x 206mm.. Mt: iron. Wt: 3.78kg Key Sz: 149mm. Mt: iron. Wt:326g. With motif of crowned sea horses or dragons and 3 guild marks impressed in the flange. It was normal in higher status locks to bring the lock to a semi-finished state – the client would advise the exact design for finishing, perhaps his crest or other personalised symbol.	18 th century	THC- PFC- MLA- HR2/2
1648 /1947 /PF-373 /298			Lock: Alarum, Mortice. CoR: European Lock Sz: 167 x Mt: brass, steel, copper. Wt: 4.428kg. Large Mortice Deadlatch with 5 Hammer Bell A double throw deadlocking latch with 2 gear driven privacy bolts. The main feature being a 5 hammer bell driven by the follower spindle. Decoration on the tumbler lever of a serpent.	17 th /18 th century	THC- PFC- MLA- HR4/4
1650 /1947 /PF-375 /302			Lock: Cut or Flush Deadlock CoR: Lock Sz: 308 x 216mm. Mt: iron. Wt: 11.115kg. Key: Sz: 148mm. Mt: iron. Wt: 212g Believed to be an exercise or demonstration lock. It has a loose cap which has never been riveted. All the parts appear to be forged, to a very high standard, at the anvil including the key.	18 th century	THC- PFC- MLA- HR3/2

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1651 /1947 /PF-376			Lock: with a secret, for a cupboard door. CoR: European Lock Sz: 144 x 208mm (excluding 20mm bolt throw). Mt: steel, brass. Wt: 1.544kg. Key Sz: 92mm. Mt: iron. Wt: 48g. Operation (from unlocked): turn key one full revolution anti-clockwise to lock, and one full revolution to unlock. To double lock give the key another full revolution when locking. To unlock when double locked;	18 th /19 th century	THC- PFC- MLA- HR3/3
1652 /1947 /PF-377 /279			Lock: for a Chest CoR: European. Lock Sz: 121 x 228mm. Mat: iron. Wt: 1.112kg. Key Sz: 154mm. Mt: iron. Wt: 104g. A forged, filled and embossed chest lock. Decoratively chased revealing a forlorn face. Believed to be for a 'Hope' or 'Marriage' chest.	17 th /18 th century	THC- PFC- MLA- HR2/3
1653 /1700 /PF-378 /305			Lock: Chest CoR: European Lock Sz: 160 x 203mm. Mt: iron. Wt: Key Sz: 142mm. Mt: iron. Wt: 89g.	18 th century	THC- PFC- MLA- HR2/3
1656 /1947 /PF-381			Lock: Cabinet. CoR: Europe. Lock Sz: 139 x 206mm. Mt: brass, steel. Wt Key Sz: 97mm. Mt: iron. Wt: 50g.	17 th /18 th century	THC- PFC- MLA- HR2/2 Note: cap in AB-UID
1661 /1947 /PF-386 /259			Lock: for a Chest. CoR: European. Lock Sz: 147 x 93mm. Mt: iron. Brass. Wt: 836g Striker plate Sz: 172 x 44mm. Mt: iron. Wt: 213g. Large key Sz: 99mm. Mt: iron. Wt: 47g. Small key Sz: 84mm. Mt: iron. Wt: 35g. Double chambered with 2 different keys. Operation to lock: close lid, engaging the four pronged striker when the top chamber bolt automatically engages.	18 th /19 th century	THC- PFC- MLA- HR2/3
1662 /1947 /PF-387 /276			Lock: Chest. CoR: Europe. Lock Sz: 207 x 250mm. Mt: steel. Wt: 2.298kg. Key Sz: 150mm. Mt: iron. Wt: 124g.	18 th /19 th century	THC- PFC- MLA- HR-7/1
1664 /1947 /PF-389 /275			Lock: Cabinet or cupboard locking latch. CoR: Europe. Lock Sz: 270 x 125mm. Mt: iron. Wt: 1.254kg. Key Sz: 120mm. Mat: iron. Wt: 68g.	18 th century	THC- PFC- MLA- HR3/1

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1665 /1947 /PF-390 /251			Box of Wards: with key. CoR: Europe. Wards Sz: 115mm dia. Mt: brass, steel. Wt: 328g. Key Sz: 174mm. Mt: steel. Wt: 165g.	18 th century	THC- PFC- MLA- HR7/2
1673 /1947 /PF-398 /287			Lock: Chest, with a secret. CoR: European. Lock Sz: 252 x 222mm. Mt: iron. Wt: 1.995kg. Strap staple Sz: 199 x 315. Mt: iron. Wt: 516g. Key Sz: 121mm. Mt: iron. Wt: 114g. A chest lock with three sockets for the link plate and a matching three pegs on the ling plate strap. Observers will soon note that only the two outside bolts can be released by turning the key. So it's a chest lock with a secret. To lock: closing the lid engages the central spring catch. A further two turns of the key deadlocks the outer two bolts. To Unlock: Turn the key two full turns clockwise and then with the key in the insertion/withdrawal position firmly push which releases the spring catch via a pivoted lever on the rear of the case.	17 th , 18 th century	THC- PFC- MLA- HR2/4
1676 /1947 /PF-402 277			Lock: Rim Latch. CoR: Europe. Size: 165 x 110mm. Mt: iron. Wt: 581g		THC- PFC- MLA- HR3/1
1680			Lock: key operated latch. CoR: Europe Sz: 223 x 160mm. Mt: iron. Wt: 1.014kg. With a lever style snib.	18 th century	GC- HoL-H PFC- 405 MLA- HR
1723 /1947	Arnheim, S J		Lock: 'colosseum'. Sn: 35071. CoR: Germany. Lock Sz: 124 x 87mm (plus 23mm bolt throw). Mt: steel, brass. Wt: 1.521kg. Key Sz: 211mm, (folds to 139mm). Mt: steel. Wt: 60g.	19 th /20 th century	TRC- MLA- HR22/4
1735 /1947	Arnheim, S J		Lock: Lammellenschloss. Sn: 68583. CoR: Germany. Sz: Mt: steel, brass. Wt:	19 th century	THC- MLA- HR22/4
1756 /1947 /PF-472			Key: Venetian. CoR: Europe Sz: 115mm. Mt: steel. Wt: 50g. Forged, with a drilled stem. Also known as a lovers/marriage key.	17 th century	TRC- PFC- MLA- HR1/2
1767	Sherlock Gesellschaft		Lock: No.2R Cypher Lock CoR: Germany. Sz: key 121 x 15 x 7mm. With two adjustable keys. A mechanical code rim deadlock with resettable keys which also resets the combination.	20 th century	GC- HoL-H PFC-63 MLA- HR Note:- 2 nd key: HoL-H

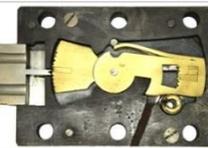
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1771 /1947	Panzer		Lock: Mortice deadlock, slip bit operation. Sn: 1708. CoR: Germany. Sz: Marked: 'Panzer-Schloss-Fabrik Witzzenhausen'. Handle operated deadlock where slip bits are inserted into a slot in the handle and returned, after engaging the mechanism, into a tray at the bottom of the handle.	20 th century	THC- PFC- MLA- HR13/1
1870 /1947	Barron Son & Wilson		Lock: Box, 3 tumblers. CoR: England. Sz: 78 x 44mm. Mt: brass, steel. Wt: 148g. With three double acting tumblers.	19 th century	THC- MLA- HR4/1
1882 /1947 /PF-475			Key: strongbox CoR: Germany. Sz: 125mm. Mt: iron. Wt: 229g.	19 th century	THC- PFC- MLA- HR2/2
1884 /1947			Key: thistle bow. CoR: England. Size: 97mm. Mat: iron. Wt: 34g. Forged from one piece.	13 th /15 th century - Medieval	THC- MLA- HR1/2
1901 /1947	Chubb		Lock: safe, Gunpowder proof. Sn: 626662. CoR: England. Lock Sz: 10 x 79mm (plus 7mm bolt throw). Mt: steel, iron, brass. Wt: 1.167kg. Key Sz: 65mm. Mt: steel. Wt: 12g.	19 th century 1870	TRC- MLA- HR8/2
1902 /1947	Chubb		Lock: Safe, Detent. Sn: 1270428. CoR: England. Lock Sz: 95 x 100mm including extended bolt. Mt: steel, brass. Wt: 687g. Key Sz: 94mm. Mt: steel. Wt: 14g.	19 th century 1893/04/27	THC- MLA- HR8/2
2223 /1947 /PF-504			Padlock: combination. CoR: Germany. Sz: 50 x 78mm. Mt: steel. Wt: 80g Combination: 133.		THC- PFC- MLA- HR17/2
2231 /1947 /PF-946	Junkunc Bros.		Padlock: combination. Sn: 40028. CoR: USA. Sz: 43 x 76mm.	20 th century	THC- PFC- MLA- HR17/2
0002239 /1947 /PF-508			Padlock: combination, 2 wheel clicker. CoR: Sz: 54 x 101mm. Mt: steel. Wt: 211g.	20 th century	THC- PFC- MLA- HR

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2240 /1947 /PF-503	Brevete		Padlock: combination, 3 wheel, Karco. CoR: France. Sz: 56 x 84mm. Mt: steel, zinc alloy. Wt: 92g.	20 th century	THC-PFC- MLA-HR17/2
2301 /1947			Key: Roman. CoR: Roman Empire. Sz: 43mm. Mt: bronze. Wt: 20g	2 nd -8 th century	THC- MLA-HR1/2
2302 /1947			Key: Roman. CoR: Roman Empire Sz: 44mm. Mt: bronze. With a hinged ring bow.	2 nd -8 th century	THC- MLA-HR1/2
2225 /1947 /PF-492	SuL		Padlock: combination, 4 wheel. CoR: Germany. Sz: 36 x 57mm. Mt: brass, zinc alloy. Steel.	20 th century	THC-PFC- MLA-HR17/2
2235 /1947 /PF-482	Baga		Padlock: combination, 3 lever. CoR: Germany Sz: 64 x 62mm. Mt: steel. Wt: 87g.	20 th century	THC-PFC- MLA-HR17/2
2304 /1947			Key: Roman finger ring. CoR: Roman Empire. Sz: 22 x 20mm. Mt: bronze.	2 nd -8 th century	THC- MLA-HR1/2
2308 /1947			Key: Roman tumbler. CoR: Roman Empire. Sz: 42 x 25mm. Mt: bronze. Wt: 16g	2 nd -8 th century	THC- MLA-HR1/2
2311 /1947			Key: Roman tumbler. CoR: Roman Empire Sz: 49 x 34mm. Mt: bronze. Wt: 37g	2 nd -8 th century	THC- MLA-HR1/2
2313 /1947			Key: Roman tumbler. CoR: Roman Empire. Sz: 58 x 30mm. Mt: bronze. Wt: 42g	2 nd -8 th century	THC- MLA-HR1/2
2317 /1947			Key: Roman tumbler. CoR: Roman Empire. Sz: 51 x 24mm. Mt: bronze. Wt: 21g.	2 nd -8 th century	THC- MLA-HR1/2
2318 /1947			Key: Roman tumbler. CoR: Roman Empire. Sz: 55 x 26mm. Mt: bronze. Wt: 30g.	2 nd -8 th century	THC- MLA-HR1/2
2404 /1947	Chubb		Lock: Safe deposit box. CoR: England Lock Sz: 102 x 46 x 23mm. Mt: brass. Wt: 512g. Key Sz: 66mm. Mt: stainless steel. Wt: 20g (including lead seal).	20 th century	THC- MLA-HR8/2

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			Changeable. Bolt marked: "104".		
2524 /1947	Adam, Folger		Lock: Jail, model 10. CoR: USA. Lock Sz: 140 x 94mm. Mt: steel, brass, phosphorus bronze. Wt: 2.785kg. Key Sz: 116mm. Mt: brass. Wt: 70g.	20 th century	THC- MLA- HR14/1
2972 /1947	Chaz		Padlock: dual control. CoR: Russia, Cheboksary. Sz: 79 x 118mm. Mt: non-corrodible alloys. Wt: 540g. Appears to be an Abloy classic style mechanism but in a unique body to suit environmental extremes.	20 th century 1992	THC- MLA- HR20/2
3090 /1947 284	Fries, C P		Lock: mortice. CoR: Netherlands Lock Sz: 108 x 139mm plus 13mm bolt throw. Mt: steel, brass. Wt: 534g. Key Sz: 67mm. Mt: steel. Wt: 27g. A two tumbler Barron style lock with wards, but also where the second tumbler bolt stump protrudes through an aperture in the first tumbler. This lock appears to be a demonstration version as a decorative viewing panel has been cut into the top cap	19 th century	THC- PFC- MLA- HR4/1
3187 /1947	Tann		Lock: detector. CoR: England. Sz: 95 x 102mm. Mt: iron, brass, Wt: 639g. 6 levers including the detector lever, which is sprung by the detector catch.	19 th century - Victorian	THC- MLA- HR5/3
3539 /1947			Lock: Rim, Barron's Patent with bridge ward. CoR: England. Sz: 159 x 108mm. Mt: iron, steel. Wt: 1.13kg.	19 th century	THC- MLA- HR
3547 /1947	Chubb		Lock: safe deposit box. CoR: England. Lock Sz: 99 x 44 x 25mm (plus 18mm nozzles). Mt: brass. Wt: 448g. Key Sz: 66mm.	20 th century	THC- MLA- HR8/2
3549 /1947			Key: strongbox. CoR: Germany. Sz: 131mm. Mt: iron. Wt: 260g. Marked: 'W I'.	19 th century 1861-1888 Wilhelm I	THC- MLA- HR3/2

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3655 /1947	Chubb		Key: Exhibition/Portal. CoR: England. Sz: 200mm. Mt: brass, gold plated. Wt: 228g. The inscription reads: on the bow "Chubb & Son, 57 St Pauls Churchyard, London' and on the bit: 'Chubbs Patent'.	19 th century	TRC- MLA- HR8/1
3656 /1947	Tann		Lock: safe, CoR: England Lock Sz: 62 x 71 x 38mm. Mt: steel, brass. Wt: 546g. Construction Key Sz: 76mm. Mt: steel. Wt: 16g. Operating key Sz: 76mm. Mt: steel. Wt: 16g. Combination retaining clip Sz: 22 x 19mm. Mt: steel. Wt: 4g. Construction feature, patent model	20 th century	THC- MLA- HR5/3
3657 /1947			Lock: model of Greek lock Lock body Sz: 195 x 304mm. Mt: wood, string. Wt: 1.454kg. (includes attached key and plinth) Key Sz: 179mm. Mt: iron, string.	20 th century Ancient Greek	THC- PFC- MLA- HR1/4
3658 /1947			Lock: model Lock body Sz: 143 x 311mm. Mt: wood, acrylic. Wt: 1.05kg. (including attached key and plinth) Key Sz: 215mm. Mt: wood, string. A working model, originally from the Frima Collection, of a wooden 3 tumbler lock with a wooden key. This variant, which would be fitted to the outside surface of the door, with the key separate to the bolt, is believed to predate the Egyptian style where the key enters a hollow section of the bolt.	20 th century North African	THC- PFC- MLA- HR1/4
3689 /1947	Henry, Soloman		Lock: Night Latch. CoR: England Sz: 178 x 90mm. Mt: iron brass. Wt: Key Sz: 99mm. Mt: iron. Wt:	19 th century Victorian	THC- MLA- HR4/2
3690 /1947	Chubb		Lock: 4 wheel combination, chain drive. CoR: England. Body Sz: 112 x 81mm (plus 53mm bolt extension). Mt: brass, steel. Dial Sz: 105 x 144mm. Mt: brass, steel, acrylic. This example, fretted, embellished and converted to exhibition or trophy use.	20 th century	THC- MLA- HR19/3
3691 /1947	Tann		Lock: Exhibition showcase lock, Box lock. CoR: England. Sz: 90 x 51mm. Mt: brass, steel. Wt: 248g. Marked: "J Tann Patent Nozel 30 Woolbrook London".	19 th century Victorian	THC- MLA- HR5/2

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3692 /1947	Mosler		Time Lock Movement: CoR: USA Sz: 47 x 90mm (each unit). Mt: steel, brass, glass. A pair of 120 hour dustproof movements, which were also claimed to be earthquake proof, mounted.	20 th century	THC- MLA- HR22/1
3693 /1947	Lips		Lock: Safe deposit box. Sn: 32055. CoR: Holland Sz: 130 x 50 x 21mm. Mt: brass, steel. Wt: 542g. Key change version	20 th century	THC- PFC- MLA- HR18/1
3694 /1947	Ratner		Badge: Safe plate. CoR: England Sz: 253 x 114mm. Mt: brass, chrome plated. Wt: The last of the great Victorian safe companies to be formed. Mr Ratcliffe and Mr Horner both of Milners formed a new company when Milner became incorporated. Indeed the new company was Known as Ratcliffe & Horner for a few years but changed to Ratner when they re-capitalised.	20 th century	THC- MLA- HR11/1
3695 /1947	Lips		Lock: Safe Deposit Box Lock. CoR: Netherlands. Lock Sz: 103 x 79mm (plus 9mm bolt throw). Mt: steel, brass. Wt: 794g. Change Key Sz: 38mm. Mt: nickel silver. Wt: 3g. Guardian Key Sz: 62mm. Mt: steel. Wt: 11g. Renters key (5) Sz: 61mm. Mt: steel. Wt: 13g.	20 th century	THC- PFC- MLA- HR20/2
3696 /1947			Key: box of wards. Key Sz: 127mm. Mt: steel. Wt: 144g. Bung Sz: 73mm. Mt: steel. Wt: 34g. With a removable dust bung. The bit nosing also cut for 3 tumblers and a plate ward.	19 th century	THC- MLA- HR3/2
3698 /1947	Gibbons		Lock: Custodial. CoR: England. Lock Sz: 183 x 129mm. Mt: steel, bronze. Wt: 1.505kg. Key Sz: 108mm. Mt: steel. Wt: 64g. From Portland Prison, Dorset.	19 th century	THC- MLA- HR14/1
3700 /1947	Tann		Lock: Cabinet drawer CoR: England Lock Sz: 72 x 60mm (plus 8mm bolt throw). Mt: brass, steel. Wt: 172g. Key Sz: 44mm. Mt: steel. Wt: 5g. A lock from the Tann exhibition showcases and featuring the guarded lever in a fretted & engraved case.	19 th century	THC- MLA- HR5/2
3701 /1947	Chubb		Lock: Safe Deposit Box. CoR: England Lock Sz: 100 x 44 x 20 (plus 12mm nozzle and 9mm locking thumbscrew. Mt: brass, bronze. Wt: 373g. Single keyway, slide on/off fixing.	20 th century	THC- MLA- HR8/2

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3702 /1947	Mace		Lock: Richards Design. CoR: England Sz: 178 x 13mm. Mt: steel, brass. Wt: 1.851k.	19 th century 1830's	TRC- THC- MLA- HR
3703 /1947	Ratner		Lock: Safe. Sn: 30008. CoR: England Sz: 128 x 91mm (plus 11mm bolt throw). Mt: Iron, steel, brass. Wt: 1.563kg.	19 th century	TRC- THC- MLA- HR11/1
3773 /1947	Tann		Lock: Exhibition showcase, cut box. CoR: England Sz: 51 x 33mm. Mt: brass, steel. Wt: 48g. Marked: 'J Tann Imp Lever'.	19 th century	THC- MLA- HR5/2
3790 /1947	Conversia		Padlock: CoR: Russia, Bishkek, Kirghizia. Sz: 100 x 95mm. Mt: stainless steel. Wt: 830g. Code: 12<x3, 8>x2, <6 rotate shackle either way to open. Index is the bevel edge on the dial knob. Ball bearings feature in the design	20 th century	THC- MLA- HR20/2
3791 /1947	Conversia		Lock: Keyless Combination. CoR: Russia, Bishkek, Kirghizia. Sz: 49 x 104mm (excluding rear linkage spigots). Mt: stainless steel. Wt: 858g. Typically used on heavy cupboards/compartments. Ball bearings feature in the design.	20 th century	THC- MLA- HR -
3811 /1947	Milner		Lock: safe. Sn: 151666. CoR: England. Sz: 103 x 85mm. Mt: cast iron, steel, brass. Wt: 1.054kg. A 'B' footprint 7 lever lock incorporating the normal false notches but also has a bolt blocker. Also note there is no bolt thrower, the key acting directly on the bolt tail.	19 th century 1870's Victorian	THC- MLA- HR6/1
3862 /1947 /PF-476			Key: Strongbox CoR: Germany. Sz: 119mm. Mt: iron. Wt: 174g.	19 th /20 th century	TRC- PFC- MLA- HR2/2
3864 /1947			Key: Strongbox CoR: Germany Sz: 106mm. Mt: iron. Wt: 76g.	19 th /20 th century	TRC- MLA- HR2/2
3997 /1947	Tann, J		Key: Guarded lever. CoR: England Sz: 115mm. Mt: steel. Wt: 58g. Marked: 'SL'	19 th century	THC- MLA- HR5/2

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4381 /1947	Hobbs		Badge: safe CoR: England. Sz: 205 x 127mm. Mt: cast bronze. Wt: 758g. The smallest of the three sizes of safe badge produced in this style.	20 th century	THC- MLA- HR22/5
4382 /1947	Tann		Lock: Safe, guarded lever. CoR: England. Lock Sz: 103 x 104mm. Mt: iron, brass. Wt: 1.736kg. Key Sz: 137mm. Mt: steel. Wt: 29g Six levers, one of which is guarded, also incorporated the Reliance patent and Tann's bolt blocking device. The cap for this lock is hardened and oversize to also protect the bolt head.	19 th century	THC- MLA- HR5/3
4573 /1947	Turner, T.		Lock: Detector. Sn: 10539. CoR: England. Lock Sz: 111 x 112mm. Mt: brass, iron. Wt: 653g. Key Sz: 97mm. Mt: steel. Wt: 34g. Three lever with collar ward	19 th century	THC- MLA- HR/12
4618 /1947			Lock: Strap buckle. CoR: England. Sz: 46 x 55mm. Mt: brass, steel. Wt: 90g.	19 th /20 th century	TRC- KTC- MLA- HR
4620 /1947			Key: Portal. CoR: English/European. Sz: 142mm. Mt: steel. Wt: 56g. A finely wrought and chiselled key.	16 th /17 th century	THC- MLA- HR-1/1
4680 /1947	Milner		Padlock: Linley. Sn: 31340. CoR: England. Sz: 86 x 139mm. Mt: steel, brass. Wt: (Inc. Chain) 977g. A special padlock, invented by * *** Chief Engineer of the Argentine railways, Patented by Arthur Linley, and manufactured by Milner. The feature from a Railway company point of view is that a guard can see at a glance that all locks are secured on their hasps as the shackle design means that it cannot be simply hooked onto its staple. Another feature is the wedging action of the bolt head making it very hard to force the shackles apart.	19 th century	THC- MLA- HR6/1

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4756 /1947	Dreadnought		Padlock: Sn: 735. CoR: England. Sz: 67 x 62mm. Mt: iron, brass. Wt: 228g.	19 th century	THC- MLA- HR
4761 /1947			Key: Medieval. CoR: Sz: 135mm. Mt: iron. Wt: 100g. Note the split shaft to form the bow, the octagonal stem and the Banbury style shoulder.	15 th /16 th century	THC- MLA- HR1/1
4764 /1947			Key: CoR: European. Sz: 288mm. Mt: iron. Wt: 883g. The stem and collar are beaten out from flat sheet and rolled and then cooper braised to the bit and bow.	17 th /18 th century	THC- MLA- HR1/1
4770 /1947	Polyvector		Lock: Barrier, mortice deadlock. CoR: Russia. Lock Sz: 132 x 200mm (plus 33mm bolt throw). Mt: steel. Wt: 1.805kg. Key Sz: 85mm. Mt: brass. Wt: 22g. Geared, springless mechanism.	20 st century 1990's	THC- MLA- HR20/4
0004773	Ifam		Padlock: Card Lock. CoR: Italy Lock Sz: 42 x 82 x 19mm. Mt: Mazak, steel. Wt: 180g Small card Sz: 54 x 42mm. Mt: plastic. Wt: 4g. Large card Sz: 54 x 85mm. Mt: plastic. Wt: 6g.	20 th century	THC- MLA- HR
4845 /1947	Yale	 	Combination Lock: 4 wheel, Hand change. CoR: USA. Body Sz: 112 x 83 x 50mm (plus bolt extension of 14mm). Mt: brass, bronze. Dial Sz: 95 dia. x 38mm. Mt: brass. Spindle to suit a 25mm thick door. With a vision panel to demonstrate the 'pick-up' and 'drop-in'. The wheels are of the 'Hand-Change' style. A training/demonstration model which also features a gravity latching bolt. Combination: 10-20-30-40 Donated by Peter Gunn	20 th century	THC- MLA- HR22/2
4851 /1947	Stotz		Restraint: Handcuff CoR: Germany Cuffs Sz: 240 x 95mm. Mt: steel. Wt: 366g. Key Sz: 59mm. Mt: steel. Wt: 30g.	19 th century	THC- MLA- HR13/1
4856 /1947	Chubb		Handcuff: Escort, MKII. CoR: England. Cuffs Sz: 287 x 78mm. Mt: steel, brass, cast Aluminium. Wt: 616g.	20 th century	THC- MLA- HR16/1

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			Key Sz: 46mm. Mt: brass. Wt: 11g. Improved method of plug retention, body now black coated.		
4863 /1947	Mühlenfeld		Restraint: Handcuff, model 113 or "Dortmunder". CoR: Germany. Sz: 108mm (ratchets adjusted as illustrated) x 117mm. Mt: iron. Wt: 398g. (Muhlenfeld)	19 th century	THC- MLA- HR3/2
4865 /1947	Chubb		Promotional item: Money Box, strongbox. CoR: England. Sz: 110 x 58 x 59mm. Mt: tinplate. Wt: 104g. Coin slot in the lid marked: 'Ye Olde Chubb Chest'. Base marked: 'The design of this Chubb Chest Money Box typifies the old-time receptacle for valuables, which was in use until the Chubb Safe became the general medium for preserving property from burglars and fire. Chubb & Son's Lock and Safe Co. Ltd., 128 Queen Victoria Street, London EC4. 88 St James Street London SW1. 3 Cross Street Manchester, 28 Lord Street Liverpool, 126 Buchanan Street Glasgow. And at Wolverhampton, Paris, Cape Town, Calcutta, Bombay, Sydney, and Melbourne.'	20 th century 1929	THC- MLA- HR2/2
4892 /1947	Joluheli		Padlock: 4 dial. CoR: Germany Sz: 51 x 80mm. Mt: Mazak, iron, brass. Wt: 174g. Code: 3564. Marked: Trade B? Mark A fixed code, Roman notched shackle style.	20 th century	THC- MLA- HR17/2
4943 /1947			Key: Box of Wards CoR: England. Sz: 126mm. Mt: steel. Wt: 120g.	19 th century	THC- MLA- HR3/2
4944 /1947	Kaba		Lock: Micro, salesman's sample case CoR: Switzerland Sz: 178 x 137 x 50mm. Mt: wood, vinyl, plastic, nickle silver, steel.	20 th century	THC- RH- MLA- HR20/4
4948 /1947			Box of Wards: with key. CoR: England. Wards Sz: 79 x 45 x 27mm. Mt: iron, brass. Wt: 102g. Key Sz: 107mm. Mt: steel. Wt: 75g. Demonstrates the close tolerances between key and wards.	19 th century	THC- MLA- HR3/2

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4950	Chatwood		<p>Lock: Impregnable. Sn: 132CoR: England. Lock Sz: 70 x 114 x 27mm. Mt: steel, brass Key Sz: 97mm. Mt: stainless steel. Wt: 25g.</p> <p>An unusual configuration in that this version is double entry – the keys are shouldered.</p>	20 th century	THC- MLA- HR10/2
4951 /1947	Milner		<p>Lock: Merlin. Sn: F484. CoR: England. Body Sz: 82mm dia. x 32mm. Mt: brass, steel, Dial Sz: 97mm dia. x 40mm. Mt: brass, steel, zinc alloy, plastic.</p> <p>The original lock before any enhancements and before it was adopted by the UK Government.</p>	20 th century	THC- MLA- HR22/3
4956 /1947	Chubb		<p>Lock: 4 wheel combination, indirect drive. CoR: England. Dial Sz: 98mm dia. x 40mm. Body Sz: 112 x 80 x 50mm, plus 23mm bolt throw. Plus gear drive train.</p> <p>This example prepared for exhibition and with fretted vision panels.</p>	20 th century.	THC- MLA- HR22/2
4957 /1947	Milner		<p>Lock: 'C' Type. Sn: 131014. CoR: England. Sz: 99 x 88 x 21mm (plus 11mm bolt throw and 32mm nozzle). Mt: iron, brass. Wt: 1.054kg.</p> <p>With 7 levers featuring an anti-pressure device and a gunpowder proof block.</p>	19 th century	THC- MLA- HR6/1
4958	Milner		<p>Lock: 'A' Type, with pivoting bolt stump. Sn: 183324. CoR: England. Lock Sz: 107 x 102 x 23mm (plus 12mm bolt throw). Mt: iron, brass. Wt: 1.585kg. Key Sz: 100mm. Mt: steel. Wt: 17g.</p>	19 th century	THC- MLA- HR6/2

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4959 /1947	Uniqey		<p>Lock: card operated CoR: UK (but with some standard lock parts sourced internationally) Internal body Sz: 90 x 242 x 30mm (plus lever). External body Sz: 90 x 242 x 30mm (plus knob).</p> <p>This lock is mounted on its original demonstration/promotional stand.</p> <p>This system used the same technology as credit cards; the hotel manager could program and reprogram the guest room card. The programmer for the system was a DOS desktop computer system.</p>	20 th century	THC- MLA- HR15/2
4960 /1947	Uniqey		<p>Lock: Hotel, card operated. CoR: UK (but with some standard lock parts sourced internationally) Internal body Sz: 90 x 242 x 30mm (plus lever). External body Sz:</p> <p>This lock, with a dead latch also has a privacy deadbolt and is mounted on its original demonstration/promotional stand.</p> <p>This system used the same technology as credit cards; the hotel manager could program and reprogram the guest room card. The programmer for the system was a DOS desktop computer system.</p>	20 th century	THC- MLA- HR15/2
4961	Chubb		<p>Manifoil: MK IV. Sn: C292203. CoR: England. Body Sz: 82mm dia. x 32mm. Mt: brass, steel, zinc alloy, lead. Dial Sz: 97mm dia. x 40mm. Mt: brass, steel, plastic, lead.</p>	20 th century 1987	THC- MLA- HR22/3

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4962 /1947	Milner		Lock: Manifoil, MK I. Sn: M192. CoR: England Body Sz: 82mm dia. x 32mm. Mt: brass, steel, zinc alloy. Dial Sz: 97mm dia. x 40mm. Mt: brass, steel, zinc alloy. A double drive cam added and now adopted by UK Government.	20 th century	THC- MLA- HR22/3
4963 /1947			Lock: Hand Change Wheel Pack. CoR: USA Sz: 72mm dia. x 30mm. Mt: brass, bronze. Wt: 343g. Early method of changing the combination necessitated disassembly and separating the wheels by hand.	19 th century	THC- MLA- HR
4964 /1947			Key: Bolt lifter CoR: Sz: 138mm. Mt: iron. Wt: 51g. Typically used in outbuildings, barns etc. to throw or pull back a simple wooden bolt.	17 th /18 th century	THC- MLA- HR1/3
4965 /1947			Key: Banbury Style. CoR: Sz: 152mm. Mt: iron. Wt: 64g. An early Banbury style key typically used with stock locks where the individual iron parts are set in a stock of oak or similar hard wood.	17 th /18 th century	THC- MLA- HR1/3
4966 /1947	Yuil		Handcuff: M11 CoR: China Cuffs Sz: 221 x 76mm. Mt: Aluminium, steel. Wt: 179g. Key: Sz: 50mm. Mt: Zinc alloy. Wt: 5g.	20 th century	THC- ANC- MLA- HR16/1
4967 /1947	Kyoung Chang		Handcuffs: standard model CoR: Korea. Cuffs Sz: 240 x 76mm. Mt: steel. Wt: 310g. Key Sz: 44mm. Mt: zinc alloy. Wt: 4g.	20 th century	THC- ANC- MLA- HR16/1
4971 /1947	FIE		Thumbcuff: TC-1 CoR: USA (Taiwan). Cuff Sz: 102mm x 39mm. Mt: steel. Wt: 98g. Key Sz: 43mm. Mt: steel. Wt: 4g.	20 th century	THC- ANC- MLA- HR16/1
4972 /1947			Handcuff: hinged, Chain link style. CoR: Cuff Sz: 216 x 78mm. Mt: steel. Wt: 349g. Key Sz: 42mm. Mt: steel. Wt: 4g.	20 th century	THC- ANC- MLA- HR16/1
4974 /1947	Hiatt Thompson		Handcuff: 2010-Blue Sn: 37-40--. CoR: England. Cuff Sz: 211 x 78mm. Mt: steel. Wt: 268g. Key Sz: 42mm. Mt: steel. Wt: 4g.	21 st century	THC- ANC- MLA- HR16/1
4976 /1947	Sirchie Finger Print Labs Inc		Handcuff: MIL-H-20050B CoR: USA. Cuff Sz: 232 x 75mm. Mt: steel. Wt: 307g. Key Sz: 45mm. Mt: steel. Wt: 4g.	20 th century	THC- ANC- MLA- HR16/1

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4977 /1947	Smith & Wesson		Handcuff: 104 CoR: USA. Cuffs Sz: 220 x 75mm. Mt: steel. Wt: 291g. Key Sz: 44mm. Mt: steel. Wt: 3g.	20 th century	THC- ANC- MLA- HR16/1
4978 /1947	Clejuso		Grip: CoR: Germany Sz: 122 x 94mm. Mt: steel. Wt: 213g.	20 th century	THC- ANC- MLA- HR16/1
4980 /1947	Clejuso		Handcuff: 12R. CoR: Germany. Cuff Sz: 260 x 94mm. Mt: stainless steel. Wt: 377g. Key Sz: 36mm. Mt: steel. Wt: 4g.	20 th century	THC- ANC- MLA- HR16/2
4981 /1947	Deutsche Polizei		Handcuff: 43B. CoR: Germany. Cuff Sz: 241 x 85mm. Mt: cast aluminium, steel. Wt: 331g. Key Sz: 38mm. Mt: steel. Wt: 5g.	20 th century	TRC- ANC- MLA- HR16/2
4982 /1947	Bianchi		Handcuff: 500 Sn: 90660. CoR: Cuff Sz: 229 x 72mm. Mt: stainless steel. Wt: 275g. Key Sz: 42mm. Mt: steel. Wt: 4g.	20 th century	THC- ANC- MLA- HR16/1
4983 /1947			Handcuff: CoR: Russia. Cuff Sz: 264 x 79mm. Mt: steel. Wt: 407g. Key Sz: 32mm. Mt: steel. Wt: 4g.	20 th century	THC- ANC- MLA- HR16/2
4984 /1947			Handcuff: EKC-1 CoR: Russia. Cuff Sz: 270 x 75mm. Mt: steel. Wt: 332g. Key Sz: 31mm. Mt: steel. Wt: 3g.	20 th century	THC- ANC- MLA- HR16/2
4990 /1947			Wooden lock: Tumbler style. CoR: Morocco, Draa Valley. Body Sz: 107 x 217 x 49mm. Mt: wood, brass, iron. Wt: 1.074kg (inc. bolt). Bolt Sz: 261 x 65 x 27mm. Mt: wood Key Sz: 199 x 21 x 23mm. Mt: wood, brass, iron. Wt: 25g. A type typically attributed to the Ancient Egyptians but also widely found throughout the Middle East Fertile Crescent region and said to have inspired Linus Yale Jr. to invent the modern pin tumbler lock.	Traditional	THC- FF- MLA- HR7/4
4992 /1947	Hobbs		Lock: Mortice Deadlock, Protector Patents. CoR: England. Lock Sz: 53 x 125mm (plus 9mm bolt throw). Mt: steel, brass, bronze. Wt: 294g. Key Sz: 68mm. Mt: steel. Wt: 15g. A 3 lever lock featuring both the anti-pressure and nozzle Protector patents.	19 th century	THC- DR- MLA- HR9/2
4993	Hobbs		Lock: Mortice Night Latch. CoR: England. Lock Sz: 97 x 121mm (plus 10mm bolt throw). Mt: steel, brass, bronze. Wt: 436g. Key Sz: 66mm. Mt: steel. Wt: 16g. A 3 lever mortice dead-locking nightlatch.	19 th /20 th century	THC- DR- MLA- HR9/3

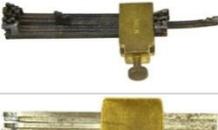
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4994 /1947	Chatwood		Paper knife CoR: England Sz: 243mm. Mt: steel. Wt: 45g.	20 th century	THC- MLA- HR20/2
4995 /1947	Chatwood		Paper knife CoR: England. Sz: 232mm.Mt: steel. Wt: 46g.	19 th /20 th century	THC- MLA- HR20/2
4996 /1947	Sargent & Greenleaf		Time Lock: single 72 hour movement. CoR: USA Sz: 114 x 114 x 60mm (5mm Hinge Knuckles). Mt: brass, steel. Wt: 2.418kg.	19 th century	THC- MLA- HR22/1
4997 /1947	Chatwood		Lock: Invincible. Sn: 12154, CoR: England Lock Sz: 60 x 117 x 24mm. Mt: brass, steel. Wt: 679g. Key Sz: 88mm. Mt: steel. Wt: 17g, Marked: 'Chatwoods Patent Invincible 12154 Bolton'	19 th century	THC- MLA- HR10/2
4998 /1947	Ingersoll		Paperweight: 'A' key. CoR: England. Sz: 76dia. x 18mm. Mt: Acrylic, nickle silver. Wt: 113.	20 th century	THC- MLA- HR20/2
4999 /1947	Tann		Padlock: Guarded Lever. CoR: England. Sz: 39 x 66mm. Mt: brass, steel. Wt: 167g. Key Sz: 38mm. Mt: steel. Wt: 5g. From the Tann 19 th century exhibition showcases.	19 th century	THC- MLA- HR5/2
5000 /1947	Tann, E		Lock: Rim Deadlock, Exhibition. CoR: England Lock Sz: 132 x 97 mm. Mt: brass, steel. Wt: 1.043kg Key Sz: 83mm. Mt: steel. Wt: 22g. 8 interleaved levers, four pivoted from the left, four pivoted from the right.	19 th century	THC- MLA- HR5/1

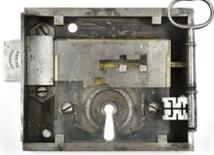
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			Silver plated this lock is from Tann's original 19 th century exhibition showcases.		
5001 /1947	Chatwood		Lock: Invincible combined with a SAM lock. Sn: 150202. CoR: England Body Sz: 127 x 147mm (plus 10mm bolt throw). Mt: brass, steel. Wt. Dial Escutcheon Sz: 159 x 129mm. Mt: brass, steel. Key Sz: 82mm. Mt: steel. Wt: 18g. Comb: <4xN, >3xR, <2xS, stop on the last letter and operate with key.	19 th century	THC- MLA- HR10/3
5002 /1947	Chatwood		Lock: Change Key. Sn: 125755. CoR: England. Lock Sz: 92 x 159mm. Mt: brass, steel. Wt: 1.985kg. Key Sz: 102mm. Mt: steel. Wt: 29g. Change key: 100mm. Mt: steel. Wt: 16g.	19 th century	THC- MLA- HR10/2 Note: Original caps in AB001
5003 /1947	Chatwood		Lock: Safe, with waterproof escutcheon. Sn: 26311. CoR: England. Lock Sz: 114 x 117 x 31mm. Mt: cast iron, steel, brass. Escutcheon Sz: 91 x 16mm. Mt: brass, rubber. Key: 91mm. Mt: steel. Wt: 26g. 7 1/2" Double bitted 10 lever safe lock with integral relocker pin in a heavy cast iron case. This example displayed with a waterproof escutcheon.	20 th century	THC- MLA- HR10/4
5004	Tann		Lock: Safe, guarded lever. CoR: England. Lock Sz: 103 x 104mm. Mt: iron, brass. Wt: 1.736kg. Key Sz: 137mm. Mt: steel. Wt: 29g Six levers, one of which is guarded, also incorporated the Reliance patent and Tann's bolt blocking device. The cap for this lock is hardened and oversize to also protect the bolt head.	20 th century 1930's	THC- MLA- HR
5005 /1947	Yale		Time Lock: 3 72 hour movements. CoR: USA. Sz: 217 x 137 x 87mm. Mt: brass, steel, glass, jewels.	19 th /20 th century	THC- MLA- HR22/1
5006 /1947	Chatwood		Badge: Combined plate & escutcheon, Treble patent. CoR: England. Sz: 114mm dia. Mt: cast brass. Wt: 309g. Reads: "Chatwood's Quadruple Patent Bolton".	19 th century	THC- MLA- HR10/1

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5007 /1947	Chatwood		Badge: Combined plate & escutcheon, Double patent. CoR: England. Sz: 114mm dia. Mt: cast brass. Wt: 309g. Reads: "Chatwood's Quadruple Patent Bolton".	19 th century	THC- MLA- HR10/1
5008 /1947	Chatwood		Badge: Combined plate & Escutcheon, Shrewsbury. CoR: England Sz: 92 x 127mm. Mt: brass. Wt: 551g. For double bit keys.	20 th century	THC- MLA- HR10/1
5009 /1947	Chatwood		Badge: Combined plate & escutcheon, Bolton. CoR: England. Sz: 92 x 127mm. Mt: brass. Wt: 480g. For double bit keys.	20 th century	THC- MLA- HR10/1
5010 /1947	Chatwood		Badge: Combined plate & escutcheon, London. CoR: England Sz: 94 x 124mm. Mt: brass. Wt: 390g. For single bit key.	20 th century	THC- MLA- HR10/1
5012 /1947	Victor		Lock: Keyless Combination. CoR: Sz: 113 x 93mm (plus 20mm bolt throw). Mt: brass, bronze, steel. This example, fretted, embellished and converted to exhibition or trophy use.	19 th /20 th century	THC- MLA- HR19
5013 /1947	Herring Hall- Marvin		Lock: Keyless Combination CoR: USA. Body Sz: 90 x 70mm. Mt: brass, steel. Dial Sz: 90mm dia. x 30mm. Mt: brass, steel. This example, fretted, embellished and converted to exhibition or trophy use.	19 th /20 th century	THC- MLA- HR19

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5014/ 1947	Sargent & Greenleaf		Keyless Combination Lock: 3 Wheel. CoR: USA. Body Sz: 108 x 82mm. Mt: brass, steel. Dial Sz: 94mm dia. x 30mm. Mt: brass, steel. Specially produced for Detroit Safe Company. This example, cutaway, embellished and converted to exhibition or trophy use.	19 th century	THC- MLA- HR-19
5015	Chatwood Milner		Keyless Combination Lock: CoR: England. Body Sz: 112 x 84mm (plus 22mm bolt throw). Mt: brass, bronze, steel. Dial Sz: 98mm dia. x 37mm. Mt: brass, steel. This example, fretted, embellished and converted to exhibition or trophy use.	20 th century	THC- MLA- HR19
5016 /1947	Chubb		Badge: Safe Plate. CoR: England Sz: 125 x 94mm. Mt: brass.	19 th century	THC- MLA- HR8/1
5020 /1947	Sargent & Greenleaf		Time Lock: No. 4 CoR: USA. Sz: 121 x 113mm. Mt: brass, bronze, steel, glass. Wt:	19 th century	THC- MLA- HR22/1
5021 /1947	Sargent & Greenleaf		Time Lock: 3 72 hour movements. CoR: USA Sz: 173 x 125 x 71mm. Mt: bronze, brass, steel, glass.	19 th century	THC- MLA- HR22/1
5022 /1947	Yale		Time lock: 3 72 hour Movements CoR: USA. Sz: 173 x 107 x 77mm. Mt: brass, steel, glass, jewels.	19 th /20 th century	THC- MLA- HR22/1
5023 /1947	Yale		Padlock: Original push key design. CoR: USA Lock Sz: 40 x 54mm. Mt: iron, bronze. Wt: 134g Key Sz: 40mm. Mt: steel. Wt: 3g.	19 th century	THC- MLA- HR17/2
5033 /1947			Lock: Rim. CoR: France. Lock Sz: 161 x 85 x 59mm (includes return flange & keyway nozzle but plus 15mm bolt throw). Mt: steel brass. Wt: 1.053kg.	19 th /20 th century	THC- MLA- HR12

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			<p>Keep Sz: 45 x 85 x 30mm. Mt: steel. Wt: 170g. Key Sz: 102mm. Mt: steel. Wt: 38g. Label reads: 1ère Quality Union DES Quincailliers GTD., (first quality Union of Hardware Manufacturers).</p>		
5034 /1947	Milner		<p>Lock: Rim (factory Fretted). CoR: England. Lock Sz: 92 x 144mm (plus 13mm bolt throw). Mt: brass. Wt: 994g. Key Sz: 95mm. Mt: bronze. Wt: 24g.</p> <p>This example for exhibition/showroom use, the vision frets reveal the palace motion furniture spindle and the wedge style false notches together with the integral springing.</p>	20 th century	THC- MLA- HR6
5046	Milner		<p>Lock: Manifoil MK II. Sn: CoR: England. Body Sz: 82mm dia. x 32mm. Mt: brass, steel, zinc alloy. Dial Sz: 97mm dia. x 40mm. Mt: brass, steel, zinc alloy.</p> <p>Features: Double drive cam, spring loaded roller.</p>	20 th century	THC- MLA- HR
5047	Dalton		<p>Lock: safe, 6 number combination. Sn: 5810. CoR: USA. Body Sz: 122 x 81mm (plus 20mm bolt throw and fixing lugs). Mt: steel, brass. Dial Sz: 85mm dia. Mt: brass, steel.</p> <p>A six number combination lock with the unusual feature where the user could select how many numbers were actual required via a lever on the back of the lock case. The lock could even be disengaged and operated without any numbers dialled in.</p>	19 th century	THC- MLA- HR
5048 /1947			<p>Lock: clicker, 4 wheels. CoR: European. Lock Sz: 85 x 85mm. Mt: steel, brass. Wt: 585g. Escutcheon Sz: 71mm dia. Mt: aluminium, steel. Wt: 84g.</p> <p>Clicker locks were operated with a unique spanner style key and typically controlled access to the main key way on a safe.</p>	19 th /20 th century	THC- MLA- HR
5050 /1947	Chubb		<p>Padlock: Railway CoR: England. Sz: 62 x 99mm (excluding clevis link). Mt: bronze. Wt: 426g.</p> <p>Marked: SAR (South African Railways) SAS</p>	20 th century 1955	THC- BSC- MLA- HR17

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5052 /1847			Locksmiths Tool: Picklock CoR: Sz: 77mm. Mt: iron. Wt: 14g.	18 th century	THC- MLA- HR
5053 /1947			Locksmiths Tool: Picklock. CoR: Sz: 76mm. Mt: iron. Wt: 15g.	18 th /19 th century	THC- MLA- HR
5054 /1947			Locksmith Tool: Pick, 3 in 1. CoR: Sz: 58mm. Mt: steel, brass, copper. Wt: 11g. For locks with a drill pin.	19 th /20 th century	THC- MLA- HR
5055 /1947			Locksmith Tool: Pick, 3 in 1. CoR: Sz: 97mm. Mt: brass, steel. Wt: 28g.	19 th /20 th century	THC- MLA- HR
5056 /1947			Locksmith Tool: 3 in 1. CoR: Sz: 103mm. Mt: brass, steel. Wt: 25g.	19 th /20 th century	THC- MLA- HR
5057 /1947			Locksmith Tool: Try out key set. CoR: Germany,, Sz: 75mm. Mt: steel, brass. 58g.	19 th /20 th century.	THC- MLA- HR
5058 /1947			Locksmith Tool: adjustable try out key, punched tag locks. CoR: Germany. Sz: 63mm. Mt: steel, brass. Wt: 10g. See artefacts 1266 to 1269 for type of mechanisms operated by this tool.	20 th century	THC- MLA- HR
5086 /	Chubb		Model: Crane Hinge Vault Door. CoR: England. Sz: 137 x 137 x 126mm. Mt: steel, brass, acrylic. Wt:	20 th century 1950's	THC- GC- MLA- HR
5087	Chubb		Model: 3 ½ " Anti-Arc Strongroom Door. CoR: England Sz: 145 x 278 x 82mm. Mt: steel brass, acrylic.	20 th century 1950's	THC- GC- MLA- HR
5088	Chubb		Model: 3 Draw Fire Resisting Cabinet. CoR: England. Sz:	20 th century 1950's	THC- GC- MLA- HR

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5090	Abloy		Lock: Protec, euro cutaway. CoR: Finland. Lock Sz: 47 x 32mm. Mt: brass, steel. Wt: 106g. Key Sz: 63mm. Mt: nickle silver, plastic.. Wt: 14g Factory cutaway illustrating hardened inserts in body and cap.	20 th century	THC- MLA- HR
5091	Barrons Patent		Lock: Barron style, 2 tumbler Rim Dead Lock CoR: England. Lock Sz: 129 x 108mm. Mt: steel, brass. Wt: 942 Key Sz: 101mm. Mt: steel. Wt: 42g. A double entry, 2 tumbler rim deadlock supplemented with a box of wards.	19 th century	THC- MLA- HR
5093	Tann, J		Lock: Box, Exhibition CoR: land Sz: 75 x 45mm. Mt: brass, steel.	19 th century	THC- MLA- HR
5097 /1947	Tann		Lock: Exhibition fretted box lock. CoR: England Lock Sz: 101 x 61mm. Mt: brass, steel. Wt: 287g. Key Sz: 48mm. Mt: steel. Wt: 6g.	19 th century	THC- MLA- HR
5100 /1947 /177	Anold		Padlock: CoR: Germany. Sz: 106mm dia. x 38mm. Mt: steel. Wt: 611g.	20 th century	THC- TFC- MLA- HR
0005105	Marr		Lock: Double Chamber. CoR: England Sz: 140 x 183mm. Mt: iron, brass. Wt: 2.3kg. The Palace of Westminster suffered a devastating fire in 1834; William Marr was awarded the contract for the supply of locks for the new building, this style was fitted to the numerous iron doors. Donated by Peter Wasahlo.	19 th century	HoL-H MLA- HR
5108	Chubb		Lock: Pillar Box Lock. CoR: England. Lock Sz: 86 x 130mm. Mt: brass, steel, bronze. Wt: 832g. Key Sz: 101mm. Mt: steel. Wt: 50g. Features include a button trap and a curtain lock to prevent it from turning in the wrong direction. Donated by Peter Gunn.	20 th century 1930's	GC- HoL-RH MLA- HR

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5109	Sargent & Greenleaf		Lock: keyless combination, Interactive model. CoR: USA Sz (including interactive mount): This lock is set on: 25-4-49. Please reset to this number if you change the combination. Donated by Basil Shannon.	20 th century	HoL-H MLA-HR
5110	Sargent & Greenleaf		Lock: Keyless Combination, Slam Action, Interactive model. CoR: USA Sz: (including interactive mount): This version is a slam dead-latch action; the combination is set on 50-50-50. Donated by Basil Shannon.	20 th century	GC-HoL-H MLA-HR
0005111	Sargent & Greenleaf		Lock: Time delay combination on interactive mount CoR: USA. Size (including interactive mount): A mechanical time delay in conjunction with a 3 wheel combination lock, set on 10-20-30 Donated by Basil Shannon.	20 th century	GC-HoL-H
0005112	Unpickable Lock Co.		Lock: Needle. CoR: England. Lock Sz: 255 x 150mm. Mt: iron, steel, brass. Wt: 3.276kg. Key Sz: 108mm. Mt: steel. Wt: 32g. This lock had, instead of conventional levers, a series of stout wires which had to be lifted both vertical and lateral to a register plate with holes to allow the wires to pass through. The original patent also allowed for these wires to be of any variety of geometric shapes.	19 th Century	GC-HoL-H MLA-HR
0005118	Lips		Lock: 105, 16 lever safe lock. Sn: C100 50909 Lock Sz: 86 x 114 x 29mm. Mt: steel, brass, bronze. Wt: 1.204kg. Key Sz: 108mm. Mt: steel. Wt: 28g. Featuring 16 end gated and false notched levers in two independent packs of 8 levers with separate bolt stumps making violent attacks more difficult. The lock is also vented for gases to escape.	20 th century	HoL-A MLA-HR
0005119	HP		Lock: Rim deadlock & latch. CoR: Germany Body Sz: 119 x 94mm. Mt: steel, brass. Wt: 1.22kg. Key Sz: 90mm. Mt: steel. Wt: 28g. The key, which is round, has machined grooves corresponding with 5 end gated levers which are also false notched. Once the key is rotated the lever pack is lifted towards the stump, if correct continuing	20 th century	HoL-H MLA-HR

Art No: /KID /Ref No.	Maker or Brand	Image thumbnail	Class/Title: Serial number: Country or Region: Size: Materials: Weight: Hazards: FdL: Found date/location Description/Notes/Provenance.	Date: c – y m d – period – style -	Group /Loc
			rotation withdraws the deadbolt and finally the latch.		
0005120	Chubb		Lock: Channel. CoR: England Lock Sz: 82 x 130mm (excluding 10mm bolt throw). Mt: brass, bronze. Wt: 876tg. Key Sz: 100mm. Mt: steel. Wt: 22g.	20 th century	GC- HoL- MLA- HR

Reference Library

Ref No.	Title	Author	Publisher	Date
R001	MLA-HoL History of Locks	Brian Morland	HoL	2019
R002	The Lure of the Lock	Albert A Hopkins	The General Society of Mechanics and Tradesmen	1928 reprinted 1954
R003	Schonheit von Schloss Schlüssel Beschlag	Rolf Fahrenkrog		1966
R004	Schlüssel und Schloss	Heinrich Pankofer		1973
R005	High-Security Mechanical Locks	Graham Pulford		2007
R006	Locks and Keys Throughout the Ages	Vincent J M Eras		1957
R007	Joseph Bramah	Ian McNeil		1968
R008	Art Treasures	Martina Pall		2005
R009	Chubb Collectanea	Noel Curren-Briggs		1968
R010	L 'Histoire De La Clef	Charles Curtil-Boyer		
R011	American Genius	David Eroll & John Eroll		2006
R012	Early Locks and Lockmakers of America	Thomas F Hennessy		1976
R013	A Glossary of Terms Applying to Locks and Builders Hardware	Francis J Butter		1947
R014	Construction of Locks and Safes	A C Hobbs		1974
R015	Handcuffs and Other Restraints of the world	Alex Nichols		2002
R016	Handcuffs and Other Restraints of the world, v2	Alex R Nichols		2004
R017	Locks and Locksmithing	Max Alth		1972
R018	Locks and Fittings from Velbert	Dr Ulrich Morgenroth		2003
R019	Story Locks	Terry Roses		1979
R020	Ijzer van vroeger	A J G Verster		MCMLXIV
R021	Primitive Locks & Keys	Pitt-Rivers		1883
R022	Etapas-Clefs de la Croissance Economique Vaudoise	Henri Rieben		1962
R023	The Lockmakers	Brian Stenner	A century of Trade Unionism in the Lock and Safe Trade	1989
R024	Locks & Keys	Giorgio Lise		1987
R025	Diderot & D'Alembert			2002
R026	des Clefs et des Hommes	Marc Feldman		2000
R027	Schlegel Kulturgeschichte der Turschlosser	F W Schlegel		1963
R028	Schlüssel Schlosser und Beschlage	Singrid Canz		1977
R029	The Locksmith Craft	A M Allen	in early modern Edinburgh	2007
R030	Decorative Antique Ironwork	Henry Rene D'Allemagne	A Pictorial Treasury	1968
R031	400 Ans de Serrures	Jean-Pierre Guarry		2005
R032	Serrurerie Ancienne	Raymond Lecoq	Techniques	1973
R033	Serrurerie	I H de Hefner-Alteneck	Ous les ouvrages en fer forge do moyen-age et de la renaissance	1990
R034	Locks and Lockmaking: An Annotated Bibliography	Leslie Keith Amatt, A.L.A		1973
R035	One Hundred Years Plus of Keymaking	Jim Evens	The History of Arthur Hough & Sons Ltd	1998