

SECTION 06414 — CABINET LOCKS

PART 1 — GENERAL

1.1 SECTION INCLUDES

- A. Locks for drawers, swinging doors, and sliding doors of _____, including:
 - 1. Drawer and Door Cam Locks.
 - 2. Drawer Gang Locks.
 - 3. Door and Drawer Dead Bolt Locks.
 - 4. Drawer and Door Spring Bolt Locks.
 - 5. Sliding Door Z Bolt Locks.
 - 6. Sliding Door Plunger Locks.
 - 7. Sliding Glass Door Plunger Locks.
 - 8. Sliding Door Ratchet Locks.
 - 9. Sliding Door Spring Loaded Bolt Locks.
 - 10. Sliding Door Through-Track Locks.
 - 11. Sliding Door End Cap Locks.
 - 12. Metal Cabinet Door Handle Locks.
 - 13. Metal Cabinet Drawer Locks.
 - 14. Padlocks.

1.2 RELATED SECTIONS

- A. Section 06220 — Millwork.
- B. Section 06410 — Custom Cabinets.
- C. Section 12300 — Manufactured Casework.

1.3 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data: Manufacturer's descriptive literature for each specified product; include recommended installation accessories for project conditions.
- C. Verification Samples: Two items of each specified product; label items with manufacturer's name and model number of item.
- D. Quality Assurance Submittals: Manufacturer's printed installation instructions for each specified product; include recommendations for specific project conditions.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Packing, Shipping, Handling and Unloading: Seal each lock, with accompanying accessories, in clear polyethylene bag; label each lock with manufacturer's name and model number of item.
- B. Storage and Protection: Store products in manufacturer's unopened packaging until installation.

1.5 SEQUENCING

- A. Supply to lock manufacturer Owner-approved keying schedule in time for scheduled fabrication of locks.

PART 2 — PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Kenstan Lock; 101 Commercial Street, Plainview NY 11803; ASD. Tel: (516) 576-9090, Fax: (516) 576-0100; e-mail address: kenstan@kenstan.com.
- B. Requests for substitutions will be considered in accordance with provisions of Section 01600.
- C. Substitutions: Not permitted.
- D. Supply each product specified in this section from a single manufacturer; supply all products specified in this section from a single manufacturer.

2.2 MANUFACTURED UNITS

- A. Drawer and Door Cam Locks:
 - 1. Acceptable Product: Kenstan Lock _____.
 - 2. Barrel length: ____ inch(es) (__ mm).
 - 3. Key Operation: Captive.
 - 4. Key Operation: Non-captive.
 - 5. Cam Type: Straight; ____ inch(es) (__ mm) length.
 - 6. Cam Type: Offset, ____ bent, ____ offset dimension; ____ inch(es) (__ mm) length.
 - 7. Cam Type: Hook; ____ inch(es) (__ mm) length.
 - 8. Cam rotation: ____-degree _____.
 - 9. Strike: None; notch wood.
 - 10. Strike: Slotted.
 - 11. Strike: Solid bar.
 - 12. Strike: L-shaped.
 - 13. Mounting on Glass: Include "J" bracket to stop lock rotation and plastic or rubber washers to separate metal and glass.
 - 14. Core Type: Flat key; 5 brass disc tumblers.
 - 15. Core Type: Tubular key; 16 stainless steel pin tumblers; change key alteration of lock.
 - 16. Core Type: Flat key; pin tumblers.
 - 17. Core Type: Control key interchangeable; 6 pin tumblers; keyway: _____.
 - 18. Core Type: Control key interchangeable; 7 pin tumblers; keyway: _____.
 - 19. Core Type: Medeco; 4 pin tumblers.
 - 20. Core Type: Medeco; 5 pin tumblers.
 - 21. Finish: Manufacturer's standard.
 - 22. Finish: _____.
- B. Drawer Gang Locks:
 - 1. Acceptable Product: Kenstan Lock _____.
 - 2. Barrel length: ____ inch(es) (__ mm).
 - 3. Key Operation: Captive.
 - 4. Key Operation: Non-captive.
 - 5. Mounting: Front of cabinet.
 - 6. Mounting: Side of cabinet.
 - 7. Drawer Catch: Notch drawer for pin.
 - 8. Drawer Catch: Use left or right drawer-mounted catch.
 - 9. Bar Length: ____ inches.
 - 10. Extension Pin Length: ____ inch.
 - 11. Core Type: Flat key; 5 brass disc tumblers.
 - 12. Core Type: Tubular key; 16 stainless steel pin tumblers; change key alteration of lock.

13. Core Type: Control key interchangeable; 6 pin tumblers; keyway: _____.
14. Core Type: Control key interchangeable; 7 pin tumblers; keyway: _____.
15. Core Type: Medeco; 4 pin tumblers.
16. Core Type: Medeco; 5 pin tumblers.
17. Finish: Manufacturer's standard.
18. Finish: _____.

C. Door and Drawer Dead Bolt Locks:

1. Acceptable Product: Kenstan Lock _____.
2. Barrel length: ____ inch(es) (__ mm).
3. Key Operation: Captive.
4. Key Operation: Non-captive.
5. Bolt Type: Regular straight; 11/16 inch (17.5 mm) from top of bolt to centerline of lock, 5/16 inch (7.9 mm) throw.
6. Bolt Type: Long straight; 1-3/8 inches (34.9 mm) from top of bolt to centerline of lock, 5/16 inch (7.9 mm) throw.
7. Bolt Type: Extra long straight; 2 inches (50.8 mm) from top of bolt to centerline of lock, 5/16 inch (7.9 mm) throw.
8. Bolt Type: Offset; straight; 1-1/4 inches (31.7 mm) from top of bolt to centerline of lock, 3/8 inch (9.5 mm) offset, 5/16 inch (7.9 mm) throw.
9. Core Type: Flat key; 5 brass disc tumblers.
10. Core Type: Tubular key; 16 stainless steel pin tumblers; change key alteration of lock.
11. Core Type: Flat key; pin tumblers.
12. Core Type: Control key interchangeable; 6 pin tumblers; keyway: _____.
13. Core Type: Control key interchangeable; 7 pin tumblers; keyway: _____.
14. Core Type: Medeco; 4 pin tumblers.
15. Core Type: Medeco; 5 pin tumblers.
16. Strike: None; notch wood.
17. Strike: Slotted.
18. Strike: Solid bar.
19. Strike: L-shaped.
20. Spacer: Diamond backed metal.
21. Spacer: Plastic.
22. Finish: Manufacturer's standard.
23. Finish: _____.

D. Drawer and Door Spring Bolt Locks:

1. Acceptable Product: Kenstan Lock _____.
2. Barrel length: ____ inch(es) (__ mm).
3. Key Operation: Non-captive.
4. Key Operation: Captive.
5. Bolt Type: Regular, 1/4 inch (6.3 mm) throw.
6. Bolt Type: Long, 5/16 inch (7.9 mm) throw.
7. Bolt Type: Long, 3/8 inch (9.5 mm) throw.
8. Core Type: Flat key; 5 brass disc tumblers.
9. Core Type: Tubular key; 16 stainless steel pin tumblers; change key alteration of lock.
10. Core Type: Flat key; pin tumblers.
11. Core Type: Control key interchangeable; 6 pin tumblers; keyway: _____.
12. Core Type: Control key interchangeable; 7 pin tumblers; keyway: _____.
13. Core Type: Medeco; 4 pin tumblers.
14. Core Type: Medeco; 5 pin tumblers.
15. Strike: None; notch wood.

16. Strike: Slotted.
17. Strike: Solid bar.
18. Strike: L-shaped.
19. Spacer: Diamond backed metal.
20. Spacer: Plastic.
21. Finish: Manufacturer's standard.
22. Finish: _____.

E. Sliding Door Z Bolt Locks:

1. Acceptable Product: Kenstan Lock _____.
2. Barrel length: ____ inch(es) (__ mm).
3. Key Operation: Non-captive.
4. Key Operation: Captive.
5. Bolt Type: 1 inch (25.4 mm) height.
6. Bolt Type: 1-1/8 inches (28.5 mm) height.
7. Bolt Type: 1-1/2 inches (38.1 mm) height.
8. Core Type: Flat key; 5 brass disc tumblers.
9. Core Type: Tubular key; 16 stainless steel pin tumblers; change key alteration of lock.
10. Core Type: Medeco; 4 pin tumblers.
11. Core Type: Medeco; 5 pin tumblers.
12. Finish: Manufacturer's standard.
13. Finish: _____.

F. Sliding Door Plunger Locks:

1. Acceptable Product: Kenstan Lock _____.
2. Barrel length: ____ inch(es) (__ mm).
3. Key Operation: Non-captive.
4. Key Operation: Captive.
5. Plunger Type: Round.
6. Plunger Type: T-shaped.
7. Core Type: Flat key; 5 brass disc tumblers.
8. Core Type: Tubular key; 16 stainless steel pin tumblers; change key alteration of lock.
9. Core Type: Flat key; pin tumblers.
10. Core Type: Control key interchangeable; 6 pin tumblers; keyway: _____.
11. Core Type: Control key interchangeable; 7 pin tumblers; keyway: _____.
12. Core Type: Medeco; 4 pin tumblers.
13. Core Type: Medeco; 5 pin tumblers.
14. Strike: Round receiving hole.
15. Strike: Interlocking with "T" plunger.
16. Supply plunger cup.
17. Finish: Manufacturer's standard.
18. Finish: _____.

G. Sliding Glass Door Plunger Locks:

1. Acceptable Product: Kenstan Lock _____.
2. Key Operation: Captive.
3. Key Operation: Non-captive.
4. Plunger Type: Round.
5. Core Type: Flat key; 5 brass disc tumblers.
6. Core Type: Tubular key; 16 stainless steel pin tumblers; change key alteration of lock.
7. Core Type: Flat key; pin tumblers.

8. Core Type: Control key interchangeable; 6 pin tumblers; keyway: _____.
9. Core Type: Control key interchangeable; 7 pin tumblers; keyway: _____.
10. Core Type: Medeco; 4 pin tumblers.
11. Core Type: Medeco; 5 pin tumblers.
12. Finish: Manufacturer's standard.
13. Finish: _____.

H. Sliding Door Ratchet Locks:

1. Acceptable Product: Kenstan Lock _____.
2. Maximum door thickness: ____ inch(es) (__ mm).
3. Key Operation: Non-captive.
4. Key Operation: Captive.
5. Core Type: Flat key; 5 brass disc tumblers.
6. Core Type: Medeco; 4 pin tumblers.
7. Core Type: Medeco; 5 pin tumblers.
8. Core Type: Keymatic.
9. Ratchet Type: Standard.
10. Ratchet Type: Adjustable.
11. Finish: Manufacturer's standard.
12. Finish: _____.

I. Sliding Door Spring Loaded Bolt Locks:

1. Acceptable Product: Kenstan Lock _____.
2. Key Operation: Captive.
3. Bolt Type: Right Hand.
4. Bolt Type: Left Hand.
5. Core Type: Flat key; 5 brass disc tumblers.
6. Core Type: Medeco; 4 pin tumblers.
7. Core Type: Medeco; 5 pin tumblers.
8. Core Type: Keymatic.
9. Supply door track ramp.
10. Finish: Manufacturer's standard.
11. Finish: _____.

J. Sliding Door Through-Track Locks:

1. Acceptable Product: Kenstan Lock _____.
2. Barrel Length: 1-1/8 inches (28.5 mm).
3. Core Type: Flat key; 5 brass disc tumblers.
4. Key Operation: Captive.
5. Key Operation: Non-captive.
6. Finish: Manufacturer's standard.
7. Finish: _____.

K. Sliding Door End Cap Locks:

1. Acceptable Product: Kenstan Lock _____.
2. Barrel Length: 11/32 inch (8.7 mm).
3. End Cap Position: _____.
4. Key Operation: Captive.
5. Key Operation: Non-captive.
6. Core Type: Flat key; 5 brass disc tumblers.
7. Core Type: Medeco; 4 pin tumblers.

8. Core Type: Medeco; 5 pin tumblers.
9. Core Type: Keymatic.
10. Finish: Manufacturer's standard.
11. Finish: _____.

L. Metal Cabinet Door Handle Locks:

1. Acceptable Product: Kenstan Lock _____.
2. Key Operation: Non-captive.
3. Key Operation: Captive.
4. Core Type: Medeco; 4 pin tumblers.
5. Core Type: Medeco; 5 pin tumblers.
6. Handle Type: National T Handle.
7. Handle Type: Illinois T Handle.
8. Finish: Manufacturer's standard.
9. Finish: _____.

M. Metal Cabinet Drawer Locks:

1. Acceptable Product: Kenstan Lock M19.
2. Key Operation: Non-captive.
3. Key Operation: Captive.
4. Latch Type: Deadbolt.
5. Core Type: Medeco; 4 pin tumblers.
6. Core Type: Medeco; 5 pin tumblers.
7. Finish: Manufacturer's standard.
8. Finish: _____.

N. Padlocks:

1. Acceptable Product: Kenstan Padlock KM63.
2. Key Operation: Captive.
3. Core Type: Tubular key; 16 stainless steel pin tumblers; change key alteration of lock.
4. Finish: Manufacturer's standard.
5. Finish: _____.

O. Supply accessories indicated or required for installation of locks by manufacturer's printed installation instructions.

2.3 KEYING

- A. Supply one (1) key for each lock.
- B. Key locks alike.
- C. Key locks in accordance with Owner-approved keying schedule.
- D. Stamp lock faces and keys in accordance with Owner-approved keying schedule.

PART 3 — EXECUTION

3.1 INSTALLATION

A. Install locks in accordance with manufacturer's printed installation instructions.

3.2 SCHEDULE

A. Custom Cabinetwork in Offices:

1. Each file drawer: Lock type _____.
2. Each pencil drawer: Lock type _____.

END OF SECTION