Wadsworth Security Products

T: 01737 360512 www.wadsworthsecurity.com

The Best System

Masterkeying is a way of coding a system of locks to give authorised personnel access to a series of locks to which they have authority to enter without the need for them to carry more than one key.

The illustration shown is a simple system where the Grand Master Key (GM) will allow access to all the locks in the system.

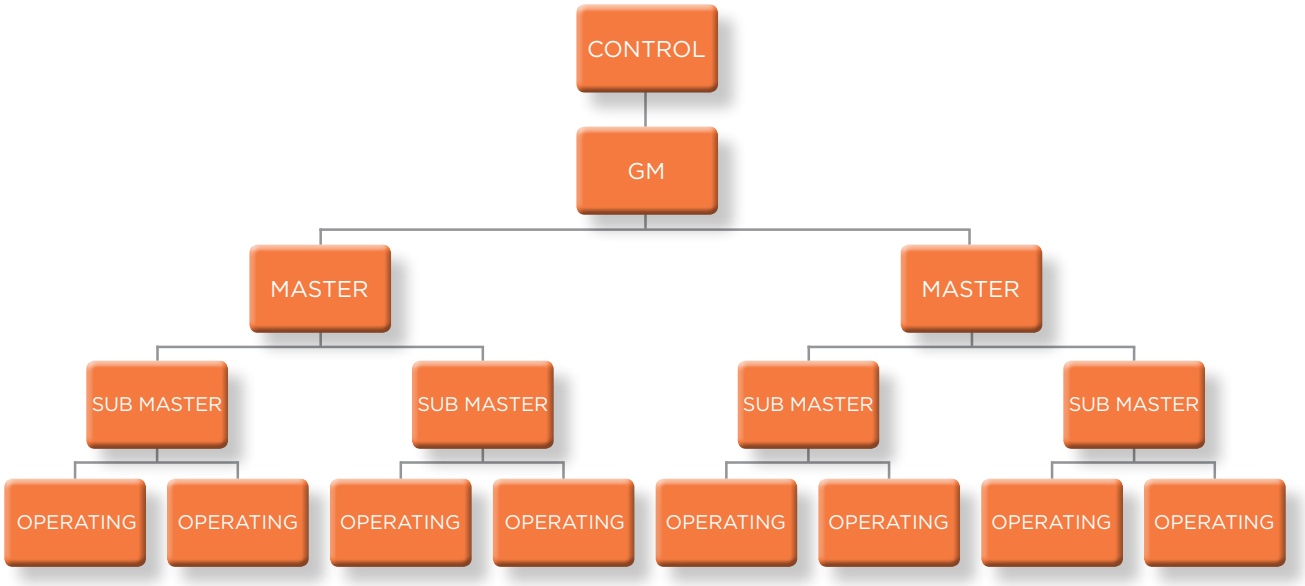
The master keys will only allow access to the locks in their particular part of the system.

Submaster keys have been provided which in this case will probably mean separate departments under an overall departmental head (e.g. Sales and marketing departments under an overall Sales Director).

Individual locks in each particular section will have keys which are common only to one particular lock.

Master keying can be as simple or as complex as required. The Hierarchy diagram below is a basic Master key system. We can add Subsubmasters, Janitor keys, reverse suited cores and more. Each Masterkey system is designed individually to suit our customers needs.

Wadsworth offers a masterkey system that uses interchangeable cores to maintain the systems security. This is accomplished by the use of a special key called a control key which when inserted into the lock removes the core from its housing. Since the core contains all the pin tumblers, it is the core that determines what key(s) will operate the lock. If the control key is used to remove a core from its housing and then a different core is installed in the housing, this will have changed the combination on which that lock will operate.



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Rim Cylinder

Machined from solid bar stock and available in satin brass and satin chrome finishes. This cylinder is used in standard rim cylinder applications and is interchangeable with most other manufacturer's rim locks.

1E72

Mortice Cylinder

Machined from solid bar stock and available in Satin brass and satin chrome finishes. This cylinder is used in standard, screw-in cylinder mortice applications. Will function with many other manufacturer's locks by use of different cams and cylinder rings (call us for advice). Additional cylinder security is provided by a set screw that mounts diagonally in the cylinder wall and, when tightened, holds the cylinder securely in the housing.

1E76

Mortice Thumbturn

Machined from solid bar stock and available in Satin brass and satin chrome finishes. This thumbturn is used in standard, screw-in cylinder applications. Will function with many other manufacturer's locks by use of different cams and cylinder rings (call us for advice).

1E7A4

Note: Please contact the sales office for advice on the correct cam required for the lockcase in use. Other finishes are available on request.

Oval Profile Cylinders

8E7H5

Keyed on one side only

42.5mm

8E7H6

Keyed on both sides

42.5mm / 42.5mm

8E7H7

Keyed on one side with a thumbturn on the inside

42.5mm / 42.5mm

8E7H8

Keyed on one side with a special turnbar inside, for particular use by the aged or handicapped

42.5mm / 42.5mm

Available in satin chrome and polished brass. Special finishes available on request

Scandinavian Cylinders

8E7A5

Keyed on one side only

39mm

8E7A6

Keyed on both sides

39mm / 39mm

8E7E4

Keyed on one side only

41mm

8E7E5

Keyed on both sides

41mm / 41mm

8E7E6

Keyed on one side with a thumbturn on the inside

T42mm / K45mm

Offset T45mm / K55mm

Offset T55mm / K45mm

8E7E6-TB

Keyed on one side with a special turnbar inside, for particular use by the aged or handicapped

T42mm / K45mm

WSP-ET

Keyed on one side with a thumbturn on the inside

T40mm / K40mm

Note: Does not use a removable core, but can be utilised within any Best masterkey system

WSP-ED

Keyed on both sides

K40mm / K40mm

Note: Does not use a removable core, but can be utilised within any Best masterkey system

Available in satin chrome and polished brass. Special finishes available on request

WSP Lock Cases

Mortice Deadlock

Case Depth:	63mm / 76mm / 101mm
Case Height:	108mm
Case Thickness:	14mm
Backset:	45mm / 57mm / 82mm

WSP1

Mortice Sashlock

Case Depth:	63mm / 76mm / 101mm
Case Height:	108mm
Case Thickness:	14mm
Backset:	45mm / 57mm / 82mm

WSP2

Mortice Deadlocking Latch

Case Depth:	76mm
Case Height:	108mm
Case Thickness:	14mm
Backset:	57mm

WSP3 DL

Note: Other lock cases available on request

Cylindrical Locksets

- Quick, economical rekeying with the BEST original interchangeable core.
- Knobs/Levers machined from brass or bronze bar stock.
- Rotating knob/lever face provides for easy hand of door change without removing the knob/lever.
- No keeper hole on keyed knobs/levers for added security.
- Keyed knob/lever removable only after the core is removed.
- The optional breakaway feature prevents the lockset from being overpowered by a wrench.
- Spin free knob feature permits the lock to be operated only by use of a key.
- Friction insert inside rose resists loosening.
- Steel retractor with low friction bearings for smooth, wear resistant operation.
- Long bearing length in chassis for smooth, wear resistant operation.

How to order sample:

9K	3	7	AB	15	A	STK	626
Series	**Backset**	**Core Housing**	**Function Code**	**Lever/Knob Style**	**Rose Style**	**Strike Package**	**Finish**
6K - Medium Duty Knob **7K** - Medium Duty Lever **8K** - Heavy Duty Knob **9K** - Heavy Duty Lever	**2** - 2 3/8" (60mm) 6K & 7K only **3** - 2 3/4" (70mm) **4** - 3 3/4" (101mm) **5** - 5" (127mm)	**0** - Keyless **7** - 7-pin housing accepts all cores	**AB** - Entrance **D** - Storeroom **R** - Classroom	**4** - Round Knob **6** - Tulip Knob **14** - Curved Return **15** - Contour angle return	**A** - Large Round **C** - Small Round	**STK** - Standard **S3** - High Security	**606** - Satin Brass **626** - Satin Chrome

Function	Description	Outside Lever		Inside Lever	
	Latch operated by	Locked by	Unlocked by	Locked by	Unlocked by
AB - Entrance	• Rotating the inside lever OR • Rotating the outside lever – only when the inside push button is out OR • Turning the key in the outside lever	• Pushing the inside button OR • Pushing and turning the inside button. Turning the button keeps the outside lever locked until the button is turned back	Turning the key in the outside lever (only when the button is not turned) OR Closing the door (only when the button is not turned)	Cannot be locked	Always unlocked
D - Storeroom	• Turning the Key in the outside lever OR • Rotating the inside lever	• Always fixed	Cannot be unlocked	Cannot be locked	Always unlocked
R – Classroom	• Rotating the inside lever OR • Turning the key in the outside lever OR • Rotating the outside lever when not locked by key	Turning the key in the outside lever	Turning the key in the outside lever	Cannot be locked	Always unlocked

Note: Other functions are available. Please contact the sales office for more information

Padlocks

Shackle Diameter	Core Housing	Shackle Code	Function	Options
11B (1/4" / 6.3mm) **21B** (5/16" / 7.9mm) **41B** (3/8" / 9.5mm)	**7** - 7 pin housing all Best cores	**2** (3/4" / 19mm) **22** (1 1/2" / 38mm) **72** (2" / 50mm) **82** (4" / 101mm)	**T** - key retained **L** - Non-key retained	**M3** Chain (13 1/2" / 34cm) **WC** Weather Cover

Cable Locks

KC215A130	24" / 60cm
KC215B130	48" / 120cm
KC215E130	72" / 180cm

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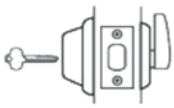
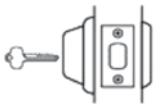
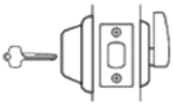
Tubular Deadbolts

1. No exposed mounting screws standard on 82T/83T.
2. Full 1" stainless steel throw deadbolt
3. Free-turning, wrench-resistant, tapered cylinder ring
4. 82T/83T-solid extruded brass or bronze cylinder 72T/73T-solid cast zinc with brass or bronze shell
5. Stainless steel for strength and corrosion resistance
6. Simple installation; self-aligning and reversible
7. May be keyed into existing Best masterkeyed system
8. The original interchangeable core permits instant, economical re-lock

Note: A latch is available for the K, M and L function. Please contact the sales office for more information.

83T	7	K
Backset	**Core Housing**	**Function Code**
82T 2 3/8" (60mm) **83T** 2 3/4" (70mm)	**7** - 7 pin housing all Best cores	**K** - Thumbturn **M** - Double Keyed **L** - Keyed one side **S** - Classroom **KL** - Closet

Function	Deadbolt operated by:
K – Turnknob 	•Turning the key in the outside cylinder, OR • Turning the inside turn lever
L – One way deadbolt 	• Turning the key in the outside cylinder; the inside cylinder is blank

Function	Deadbolt operated by:
M – Double Cylinder	•Turning the key in the inside or outside cylinder
S – Classroom 	•Turning the key in the outside OR •Turning the key in the outside OR •Turning the inside turn lever only retracts the deadbolt *Note: Can't throw the deadbolt*
KL – Closet	•Turning the turn lever only

Miscellaneous

Code Lock

Heavy duty code lock for the toughest applications. Key override option is available on all units as standard for emergency access. This is a retro-fit unit to easily replace Simplex Unican 1000 series. 12 position keypad with audio and visual feedback. Standard battery pack will last a minimum of 65,000 cycles or 2-5 years, with an optional extended battery pack to yield twice as much as standard. Fully weather resistant for both indoor and outdoor applications.

Pin length can be varied between 3-6 digits, with a maximum of 50 individual users. All programming is through the keypad. 1 administrator PIN and 5 supervisor PINS are available.

Keypad EZ

Cabinet Locks

Cabinet lock to accept a removable core. Available in mortice and rim, with either a latchbolt or deadbolt.

5L

1W Electric Switch Locks

A range of electric switch locks available in various 'on-off' and momentary keyed switch functions. Circuit variations are available in single, double and triple pole.

1W

Key Combinator

The key combinator is used to cut new or additional keys when required. Best combinations are cut in accordance with the original masterkeyed code with no reliance on a pattern key. As a result, inaccurate tolerances are not introduced into and compounded within the system as second, third and fourth generation keys are cut. Note: Key combinator is available for standard, premium, or Peaks systems.

AD433

Combinating Kit

This small desk-drawer size kit contains everything necessary to combinate a BEST core. It includes a complete selection of pin segments, springs, caps, a capping block, two capping pins, an ejector pin, tweezers, two standard keys and a key gauge.
When securely closed, the kit may be carried in any position without mixing contents. Kits can be ordered separately or combined (1C core) & (5E cylinder).

CD431

Installation Service

Our in-house team has been assisting with the installation of customers' keying systems for over 20 years. Whether the need is for one lock or a new suite in a building, our installation team can install or help to install.

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