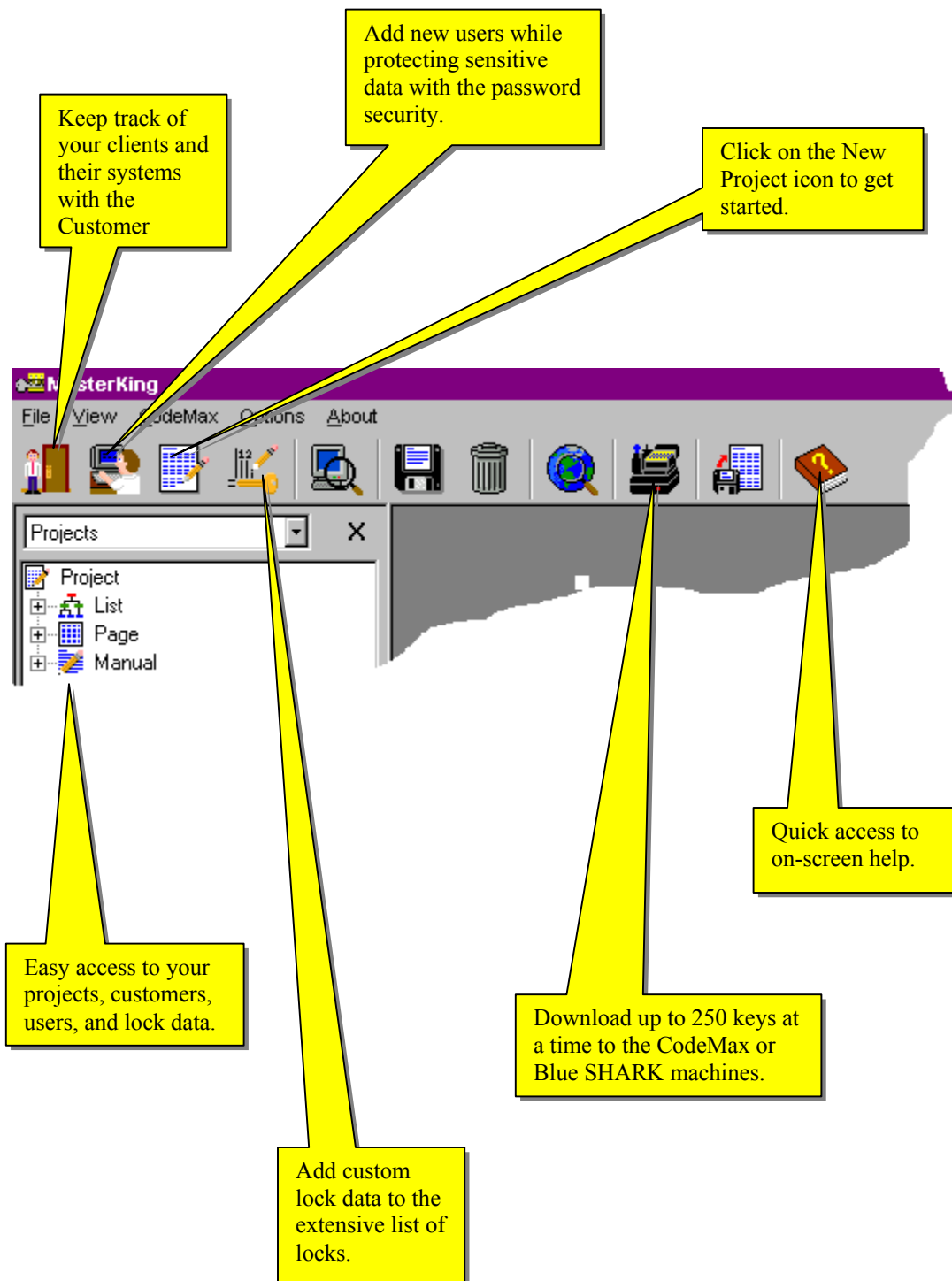


MasterKing™



MasterKing™

Choose from over 100 lock types from over 50 different manufacturers, or add your own information.

This area indicates the correct card, cutter and jaw for your HPC Blitz

1200 CMB

Card #	Cutter	Jaw
C45	CW-14MC	A

1200 PCH

Card #	Punch	Jaw
P45	PCH-14	A

Inches are displayed in thousandths

Spaces		Depths			
1	231	0	335	7	230
2	387	1	320	8	215
3	5	2	305	9	200
4	6	3	290		
5	855	4	275		
6	1011	5	260		
		6	245		

Find Keyblank [Search] **KeyWay**

Original	Ilco	Curtis	Silca	Ilco EZ	Description	X Ref
35-100E	1145E	SC-8	SH11	SC8	SCHLAGE LARGE PIN 5 CHAMBER	55
35-101C	1145A	SC-4	SH5	SC4	SCHLAGE LARGE PIN 6 CHAMBER	55
35-100C	1145	SC-1	SH3	SC1	SCHLAGE LARGE PIN 5 CHAMBER	55
35-100CE	1145CE		SH17		SCHLAGE LARGE PIN 5 CHAMBER	55

Actual Space and Depth information is listed in inches or metric.

Key Blank cross-reference information is included for quick identification.

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The screenshot shows the 'Project Designer' window for 'SCHLAGE LG PIN'. It features a 'Manufacturer's Specifications' table, a 'Keyed Different Possibilities' field (15625), a 'Master Keyed Possibilities' field (4096), and a 'Project Type' section with radio buttons for 'List', 'Page', and 'Manual'. A 'Chambers' table shows bitting possibilities for 1 to 6 chambers. Navigation buttons include '<< Back', 'Next >>', and 'Cancel'.

Manufacturer's Specifications

	Default	Adjusted
DSD Number	60	
Chambers	6	<input type="text" value="6"/>
MACS	7	<input type="text" value="7"/>
Progression Step	2	<input type="text" value="2"/>
Shortest Master Pin	2	<input type="text" value="2"/>
Longest Master Pin	9	<input type="text" value="9"/>
Shallowest Cut	0	<input type="text" value="0"/>
Deepest Cut	9	<input type="text" value="9"/>
Depths	10	<input type="text" value="10"/>

Keyed Different Possibilities

Master Keyed Possibilities

Chambers	Bitings Possible
1	4
2	16
3	64
4	256
5	1024
6	4096

Project Type

List
 Page
 Manual

Navigation: << Back, Next >>, Cancel

Callout 1: See how many bitings will be available.

Callout 2: MasterKing indicates the lock manufacturer's specifications for master keying, adjustable as needed to fit your requirements.

Callout 3: MasterKing creates master key systems in 2 formats, plus allows manual entry of existing systems.

MasterKing™

Create systems from simple 1-level "Single Keyed-Different", to complex 5-level master keyed systems.

Expansion Specifications

Master Key Level (1-5)

Each column represents a chamber in the cylinder. Enter "P" to progress a chamber in a given level. Enter "H" to hold a chamber or to clear a previously progressed chamber. You must progress at least one chamber on all levels.

Top Master Key Bitting

8	3	6	2	7	4
---	---	---	---	---	---

Select the top level bitting.

GGGMK	H	H	H	H	H
GGMK	P	H	H	H	H
GMK	H	P	H	H	H
MK	H	H	P	H	H
CK	H	H	H	P	P

Accept the defaults for the fastest and largest systems. Or, modify your system to fit your requirements.

Enter numbers in the available spaces to set the progression sequence for each level.

GGGMK	H	H	H	H	H
GGMK	1	H	H	H	H
GMK	H	1	H	H	H
MK	H	H	1	H	H
CK	H	H	H	1	H

Modify the progression sequence and bitting array to provide better security and pinning convenience in your systems.

TMK	8	3	6	2	7	4
	0	5	8	4	9	6
	2	7	0	6	1	8
	4	9	2	8	3	0
	6	1	4	0	5	2

<< Back Next >> Cancel

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The screenshot shows the 'Project Designer' window with the following components:

- Hardware Specification:** SCHLAGE LG PIN
- Input Fields:** DSD Number (60), Chambers (6), MACS (7), Progression Step (2), Shortest Master Pin (2), Longest Master Pin (9), Shallowest Cut (0), Deepest Cut (9), Depths (10).
- Table:**

Level	Bittings/Master	Theoretical	Actual
GGGMK	1	1	1
GGMK	4	4	4
GMK	4	16	15
MK	4	64	57
CK	64	4096	2889
- Buttons:** Calculate Actual Bittings, << Back, Finish, Cancel.

Callout 1 (Left): If the numbers do not meet your needs click "BACK" and tweak the system before finishing.

Callout 2 (Right): Calculating the Actual Bittings will eliminate those that have MACS violations and will allow you to verify that there will be a sufficient number of bittings for your requirements.

MasterKing™

See the “up-to-5-levels” of bittings, in a familiar, easy-to-navigate format.

Select the bittings you will use for this project.

Key Symbol	Bitting	Quantity	Short Comments	Long C
AA1	058496			
AA2	058498			
AA3	058492			
AA4	058416			
AA5	058418			
AA6	058410			
AA7	058412			
AA8	058436			
AA9	058438			
AA10	058430			
AA11	058432			

MasterKing allows cross-keying and clearly indicates intentional cross keys, as well as any incidental cross keys.

Key Symbol	Bitting	Quantity	Short Comments	Long C
AA1	058496	2	Accounting Offices	
AA2	058498			
AA3	058492			
AA4	058416			
AA5	058418			
AA6	058410			
AA7	058412			
AA8	058436			
AA9	058438			
AA10	058430			
AA11	058432			

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The screenshot shows the 'MasterKing' application window with the 'Reports' tab selected and highlighted with a red circle. The window has a teal header bar with the title 'MasterKing' and standard window controls. Below the header is a navigation bar with tabs for 'Project Info', 'List', 'Reports', 'CodeMax', and 'Export'. The main content area is divided into sections: 'Report Type' with radio buttons for 'Pin Count', 'Entire System', and 'Range' (selected); a 'Print' button; 'Settings' with several checked checkboxes including 'Title Page', 'DSD Information', 'Records with Quantities or Comments Only', 'Bitting', 'Pinning', 'Quantity', 'Short Comments', and 'Cross Keys'; and a 'Change Keys' section with 'From' (AA1) and 'To' (KB32) text boxes, a checked 'Print Masters Above Range' checkbox, and a 'Masters' section with empty 'From' and 'To' text boxes and an unchecked 'Print Masters Above Master' checkbox. A yellow callout box on the right contains the text: 'Design the reports you need by selecting the options you want to see.'

The screenshot shows the 'Toss - #3' application window with the 'CodeMax' tab selected and highlighted with a red circle. The window has a teal header bar with the title 'Toss - #3' and standard window controls. Below the header is a navigation bar with tabs for 'Project Info', 'List', 'Reports', 'CodeMax', and 'Export'. The main content area is divided into sections: 'Select Bitings' with radio buttons for 'Download Entire System' and 'Download Range' (selected), and 'From Key Symbol' and 'To Key Symbol' text boxes; 'Only Download' with an unchecked checkbox for 'Bitings with comments or quantities'; and a 'Send To CodeMax' button. A yellow callout box on the right contains the text: 'Download up to 250 bitings at a time to the CodeMax or Blue SHARK machines. If your system is larger, MasterKing will remember where you left off, and download the next 250 bitings.'

MasterKing™

The TMK (Top Master Key) opens every lock in the entire project.

The GGPM1 (Great Grand Page Master 1) opens everything on the first 25 pages.

The GPM1 (Grand Page Master 1) opens everything on the first 5 pages.

The Page format provides greater flexibility, and allows creation of complex master key systems.

Master Keys

TMK	4324322	Intentional
GGPM1	6524322	Intentional
GPM1	6544322	Intentional
PM1	6546322	Intentional

Control Key 4324322

Driver Pins: T 3 2 4 3 T T
 Control Pins: X 0 0 0 0 X X
 Master Pins: X X X X X X X
 Bottom Pins: 4 3 2 4 3 2 2

X = Cross Key Intentional (green key icon) Incidental (red key icon)

6546522 - VGM1 (Incidental)	6546722 - VGM2 (Incidental)	6546922 - VGM3 (Incidental)	6546322 - PM1 (Intentional)
6546542 - BM1 (Incidental)	6546742 - BM5 (Intentional)	6546942 - BM9 (Intentional)	6546342 - HGM1 (Incidental)
6546544 - CK1 (Incidental)	6546744 - CK17 (Intentional)	6546944 - CK33 (Intentional)	6546344 - RM1 (Incidental)
6546546 - CK2 (Incidental)	6546746 - CK18 (Intentional)	6546946 - CK34 (Intentional)	6546346 - RM2 (Incidental)
6546548 - CK3 (Incidental)	6546748 - CK19 (Cross Key)	6546948 - CK35 (Incidental)	6546348 - RM3 (Incidental)
6546540 - CK4 (Incidental)	6546740 - CK20 (Incidental)	6546940 - CK36 (Incidental)	6546340 - RM4 (Incidental)
6546562 - BM2 (Incidental)	6546762 - BM6 (Intentional)	6546962 - BM10 (Intentional)	6546362 - HGM2 (Incidental)
6546564 - CK5 (Incidental)	6546764 - CK21 (Intentional)	6546964 - CK37 (Intentional)	6546364 - RM5 (Incidental)
6546566 - CK6 (Incidental)	6546766 - CK22 (Intentional)	6546966 - CK38 (Intentional)	6546366 - RM6 (Incidental)
6546568 - CK7 (Incidental)	6546768 - CK23 (Intentional)	6546968 - CK39 (Intentional)	6546368 - RM7 (Incidental)
6546560 - CK8 (Incidental)	6546760 - CK24 (Intentional)	6546960 - CK40 (Intentional)	6546360 - RM8 (Incidental)
6546582 - BM3 (Incidental)	6546782 - BM7 (Intentional)	6546982 - BM11 (Intentional)	6546382 - HGM3 (Incidental)

The PM1 (Page Master 1) will open everything on this page.

The Block Master opens everything in its block.

The Vertical Group Master opens everything in this column.

The Horizontal Group Master opens everything in this row, and in the blocks below.