

# Corbin Z Class (Pre-System 70)

<http://www.lockreference.com>

**MACS:** 8  
**Increment:** .014"  
**Progression:** Two Step  
**E.P.D.** Varies  
**Included Angle:** 90°  
**Root Cut:** .053"

Key Origination	
Blackhawk	Card 438
CodeMax	Varies
HPC Blitz	C14
HPC Punch	N/A
ITL	113

Root Depths	
1	.339"
2	.325"
3	.311"
4	.297"
5	.283"
6	.269"
7	.255"
8	.241"
9	.227"
10	.213"

Spacing	
1	.250"
2	.406"
3	.562"
4	.718"
5	.874"
6	1.030"
7	1.186"

**T.F.C.:** .250"  
**B.C.C.:** .156"

11*	.199"
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Notes
1) Read and cut tip-to-bow.
2) .509" diameter plugs have EPD of .504", .552" are .546"
3) For CodeMax, use DSD #18 for IC, DSD #3018 for Non-IC.
4) Use .320" top pin for PL5000 padlock / to block master ring.
5) 11 cut used on some construction master keys.

## .509" Diameter

	1	2	3	4	5	6	7	8	9	0
<b>Bottom Pins</b>	.160"	.175"	.189"	.203"	.217"	.231"	.245"	.260"	.273"	.288"
<b>Master Pins</b>		.028"	.042"	.056"	.070"	.084"	.098"	.112"	.126"	
<b>IC Top Pins</b>	.192"	.177"	.163"	.149"	.135"	.120"	.107"	.093"	.080"	.066"

\* Standard top pin length is .171".

\*\* Use .247" top pin for non-control chambers.

Build-Up Pins	-9	-8	-7	-6	-5	-4	-3	-2	-1	0
	.037"	.051"	.066"	.080"	.093"	.107"	.120"	.135"	.149"	.163"
	+1	+2	+3	+4	+5	+6	+7	+8	+9	
.177"	.192"	.205"	.218"	.232"	.247"	.261"	.275"	.289"		

## .552" Diameter

	1	2	3	4	5	6	7	8	9	0
<b>Bottom Pins</b>	.203"	.217"	.231"	.245"	.260"	.273"	.288"	.301"	.316"	.330"
<b>Master Pins</b>		.028"	.042"	.056"	.070"	.084"	.098"	.112"	.126"	

\* Standard top pin length is .171".

Build-Up Pins	-8	-7	-6	-5	-4	-3	-2	-1	0	
	.030"	.045"	.058"	.072"	.087"	.100"	.114"	.128"	.142"	
	+1	+2	+3	+4	+5	+6	+7	+8	+9	
.156"	.171"	.184"	.198"	.212"	.226"	.241"	.253"	.268"		

## Notes: