

# Ruswin DH Class (Pre-System 70)

<http://www.lockreference.com>

**MACS:** 7  
**Increment:** .015"  
**Progression:** Two Step  
**E.P.D.** Varies  
**Included Angle:** 90°  
**Root Cut:** .053"

Key Origination	
Blackhawk	Card 428
CodeMax	Varies
HPC Blitz	C42
HPC Punch	N/A
ITL	379

Root Depths	
0	.341"
1	.326"
2	.311"
3	.296"
4	.281"
5	.266"
6	.251"
7	.236"
8	.221"
9	.206"

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"

Notes
1) Read and cut bow-to-tip.
2) .509" diameter plugs have EPD of .501", .552" are .544"
3) For CodeMax, use DSD #57 for IC, DSD #3057 for Non-IC.
4) Use .320" top pin for PL5000 padlock / to block master ring.
5) 10 cut used on some construction master keys.

10*	.191"
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## .509" Diameter

	0	1	2	3	4	5	6	7	8	9
<b>Bottom Pins</b>	.160"	.175"	.189"	.203"	.220"	.234"	.248"	.263"	.279"	.294"
<b>Master Pins</b>			.030"	.045"	.060"	.075"	.090"	.105"	.120"	.135"
<b>IC Top Pins</b>	.192"	.177"	.163"	.149"	.133"	.118"	.103"	.087"	.072"	.058"

\* 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
	.028"	.042"	.058"	.072"	.087"	.103"	.118"	.133"	.149"	.163"
	+1	+2	+3	+4	+5	+6	+7	+8	+9	
.177"	.192"	.208"	.222"	.238"	.253"	.263"	.282"	.298"		

## .552" Diameter

	0	1	2	3	4	5	6	7	8	9
<b>Bottom Pins</b>	.203"	.217"	.231"	.248"	.263"	.276"	.291"	.307"	.322"	.337"
<b>Master Pins</b>			.030"	.045"	.060"	.075"	.090"	.105"	.120"	.135"

\* Standard top pin length is .171".

Build-Up Pins	-7	-6	-5	-4	-3	-2	-1	0	+1	+2
	.037"	.051"	.066"	.082"	.098"	.112"	.126"	.142"	.156"	.171"
	+3	+4	+5	+6	+7	+8	+9			
.187"	.202"	.218"	.232"	.247"	.261"	.277"				

## Notes: