

Emhart High Security - Z and DH Class (System 70)

<http://www.lockreference.com>

MACS: Varies
Increment: .028"
Progression: Single Step
E.P.D. .552"
Included Angle: 90°
Root Cut: .010"

Key Origination	
Blackhawk	
CodeMax	DSD 3023
HPC Blitz	CX1
HPC Punch	N/A
ITL	162

Root Depths	
2	.305"
3	.277"
4	.249"
5	.221"
6	.193"

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

5 ½ or %	.207"
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T.F.C.: .250"
B.C.C.: .156"

Notes
1) Read and cut bow-to-tip.
2) Cut angles are Left (L or 1, -20°) or Right (R or 2, +20°).
3) All Emhart High Security cylinders are 6 pin and use .552" plugs.
4) MACS is 3 when adjacent cuts are different, 4 when the same.
5) Emhart High Security is compatible with standard Corbin Russwin Z and DH Class (System 70) but it does not use depth 1.
6) Depth 5 ½ or % is only used for construction keying.

High Security Pins

	2	3	4	5	6					
Bottom Pins	.242"	.270"	.298"	.326"	.354"					
Master Pins	.097"	.125"	.153"							
Top Pins	.193"			.158"						

*Pin lengths include the interlocking tabs.

**Master Pins have three angles, #1 is Left, #2 is Right, #3 is Same.

***High Security Top Pins are coded as 1 for .193" and 2 for .158".

Conventional Pins (for IC control chambers and 6th chamber of Brink and Blockout cylinders)

	1	2	3	4	5	6				
Bottom Pins		.231"	.260"	.288"	.316"	.344"				
Master Pins	.028"	.056"	.084"	.112"						
IC Top Pins		.198"	.171"	.142"	.114"	.087"				

* Top pin length is .171" for 6th chamber of Brink and Blockout cylinders.

	-4	-3	-2	-1	0	+1	+2	+3	+4	
Build-Up Pins	.030"	.058"	.087"	.114"	.142"	.171"	.198"	.226"	.253"	

Notes: