

Medeco Original - Half Step

<http://www.lockreference.com>

MACS: 8
Increment: .015"
Progression: Two Step
E.P.D. .503"
Included Angle: 86°
Root Cut: .015"

Key Origination	
Blackhawk	N/A
CodeMax	DSD-75
HPC Blitz	CX4
HPC Punch	N/A
ITL	302

Root Depths	
0	.258"
1	.243"
2	.228"
3	.213"
4	.198"
5	.183"
6	.168"
7	.153"
8	.138"
9	.123"
X	.108"

Spacing	
1	.244"
2	.414"
3	.584"
4	.754"
5	.924"
6	.1094"

T.F.C.: .244"

B.C.C.: .170"

Notes
1) Cut angles are Left (L, -20°), Center (C, 0°), or Right(R, +20°).
2) Old Style 60 series keys use .216" T.F.C, .170" B.C.C.
3) Medeco pins are .135" diameter with a 85° angle tip.
4) Medeco pins will measure .012" shorter than listed and cut depths will measure .008" shallower when using standard calipers.
5) B and C top pins only used for locks manufactured prior to May, 1977.
6) Cam & Switch locks (60-series) only use depths 4 to X.
7) The first position should not use cuts deeper than .138" to maintain key strength.

	0	1	2	3	4	5	6	7	8	9	X
Bottom Pins	.245"	.260"	.275"	.290"	.305"	.320"	.335"	.350"	.365"	.380"	.395"

	2	3	4	5	6	7	8	9	X	
Master Pins	.030"	.045"	.060"	.075"	.090"	.105"	.120"	.135"	.150"	

*32 series Interchangeable Core cylinders have a difference of .090" between the operating and control shearlines.

*10-50 series master key systems must share cut angles (L,C,R) at all levels. Skew is determined by bottom pin.

	0	1 & 2	3 & 4	5 & 6	7 & 8	9 & X				
Top Pins	.270"	.240"	.210"	.180"	.150"	.120"				
Mushroom Driver Pins	.270"	.240"	.210"	.180"						

* .270" and .240" standard top pins are drill resistant steel, Mushroom pins are only available in brass

*10 series cylinders made prior to May 1977 (sheet metal cover) should have a total pin stack height of .575" to maintain correct spring pressure.

*10 series cylinders made after May 1977 (set screw cap) should have a total pin stack height of .515" to maintain correct spring pressure.

*20 Series cylinders (component/key-in-knob type) should have a total pin stack height of .515" to maintain correct spring pressure.

*32 Series cylinders (Interchangeable Core) should have a total pin stack height of .515" to maintain correct spring pressure.

Notes: