

# Medeco Original - Full Step

<http://www.lockreference.com>

**MACS:** 4  
**Increment:** .030"  
**Progression:** Single Step  
**E.P.D.** .503"  
**Included Angle:** 86°  
**Root Cut:** .015"

Key Origination	
Blackhawk	Card 191
CodeMax	DSD #51
HPC Blitz	C36
HPC Punch	N/A
ITL	298

Root Depths	
1	.258"
2	.228"
3	.198"
4	.168"
5	.138"
6	.108"

Spacing	
1	.244"
2	.414"
3	.584"
4	.754"
5	.924"
6	1.094"

Notes
1) Read and cut bow-to-tip.
2) Cut angles are Left (L, -20°), Center (C, 0°), or Right (R, +20°).
3) Old Style 60 series keys use .216" T.F.C, .170" B.C.C.
4) Medeco pins are .135" diameter with a 85° angle tip
5) Medeco pins can measure up to .012" shorter than listed.
6) B and C top pins only used for locks manufactured prior to May, 1977

**T.F.C:** .244"

**B.C.C:** .170"

	1	2	3	4	5	6				
<b>Bottom Pins</b>	.245"	.275"	.305"	.335"	.365"	.395"				

	1	2	3	4	5					
<b>Master Pins</b>	.030"	.060"	.090"	.120"	.150"					

\*32 series Interchangeable Core cylinders have a difference of .090" between the operating and control shearlines. Change keys should use depth 4, 5, or 6 and Control keys should use depths 1, 2, or 3 in control chamber positions.

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

	B	C	1	2	3	4	5	6		
<b>Top Pins</b>	.330"	.300"	.270"	.240"	.210"	.180"	.150"	.120"		
<b>Mushroom Driver Pins</b>			.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: