

MID SQUARE

key value	key squared	relative address
128456789	16241578750190521	8750
987654321	975461055789971041	5789
123456790	15241578997104100	8997
555555555	308641974691358025	4691
000000472	0000000000222784	0000
100064183	10012860719457489	0719
200120472	40048203313502784	3313
200120473	40048208713748729	3713
117400000	1378276000000000	0000 **collision**
027000400	02430021600160000	1600

Figure 13-10 Example using mid square hashing