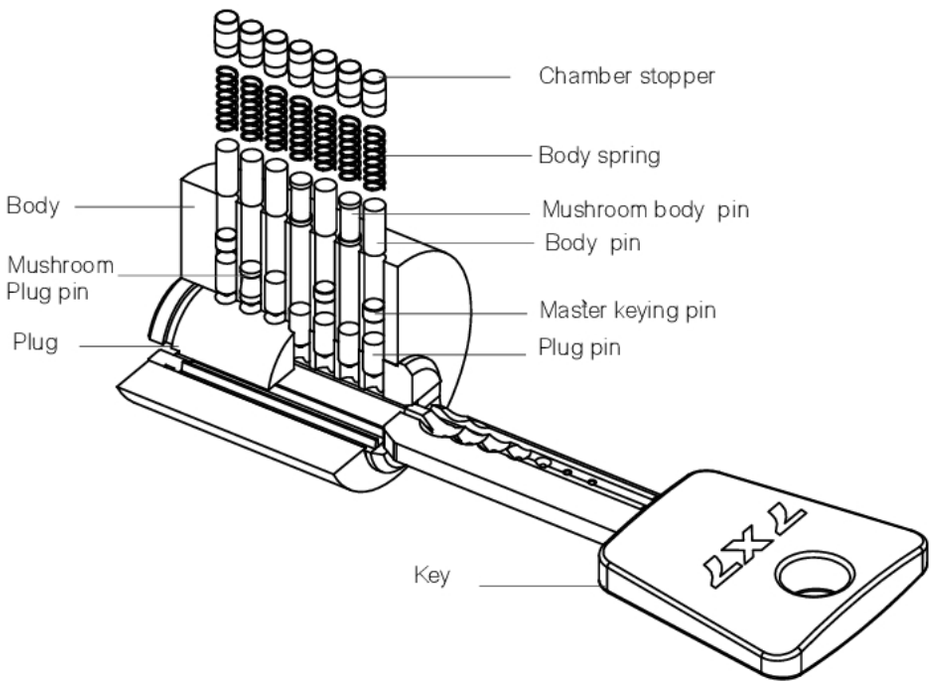
Key Systems - 7X7®

Mul-T-Lock® 7X7® cylinder construction and terminology

Mul-T-Lock® 7X7® is single pin tumbler mechanism, operating on a flat dimple cut key. The pins and keys are made of nickel silver.

A plug, rotating within a shell, turns a tail or cam when pins of various lengths are aligned at a shear line by means of a key.

The 7X7® key system standard product comes with 7 chambers, 7 plug pins, and 7 body pins.



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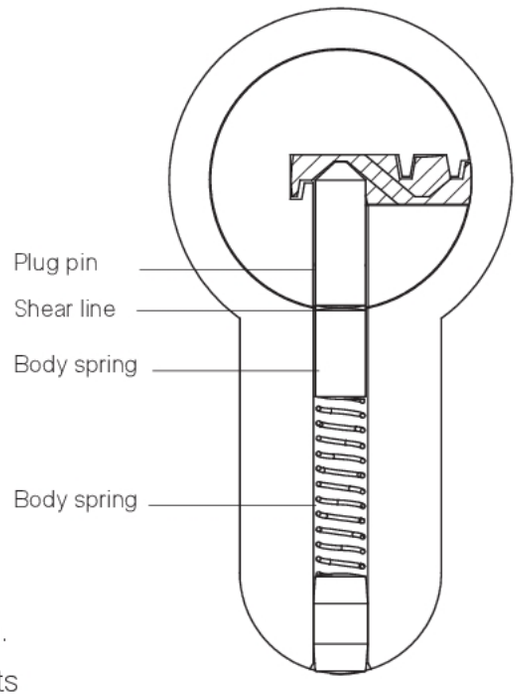
Pinning concept

Mul-T-Lock® 7X7® security cylinders have a pin tumbler mechanism.

Pins must be aligned to shear lines in order for the plug to rotate.

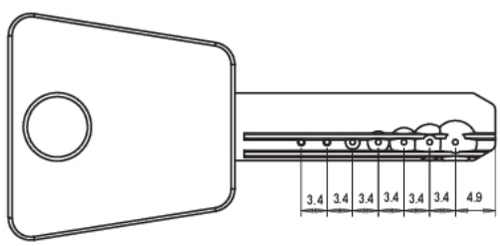


Mul-T-Lock® 7X7® key

Mul-T-Lock® 7X7® keys contain seven dimple cuts.

The cuts are numbered from bow to tip, from 1 to 7. The distance from the tip, which is also the key stop, to the center of the fifth cut is 4.9mm . The spacing (distance from center to center of each cut) is 3.4 mm.

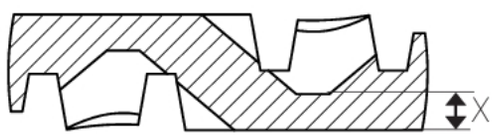
When the cylinder has 4, 3 or 2 chambers, the first cuts are omitted from the cylinder. The key always has all 7 cuts so that it can fit other products within a keying system.



Measuring key depth

As in ordinary keys, Mul-T-Lock® 7X7® key cuts are measured from the base (back) of the key to the bottom of the cut.

This means that we actually measure the remaining material of the key, after cutting... see illustration.



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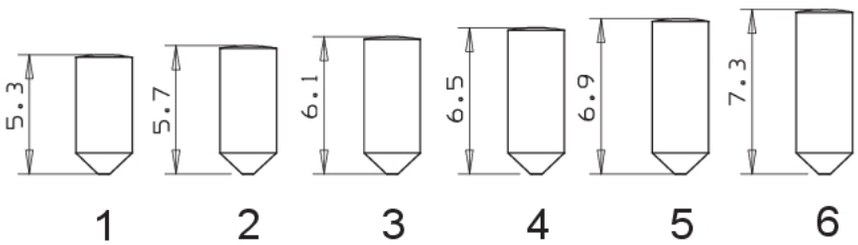
Mul-T-Lock® 7X7® pins specification

Plug pins:

Material: Brass/nickel silver



Body (Driver) pins

Material: Brass/nickel silver.

Length: Varies