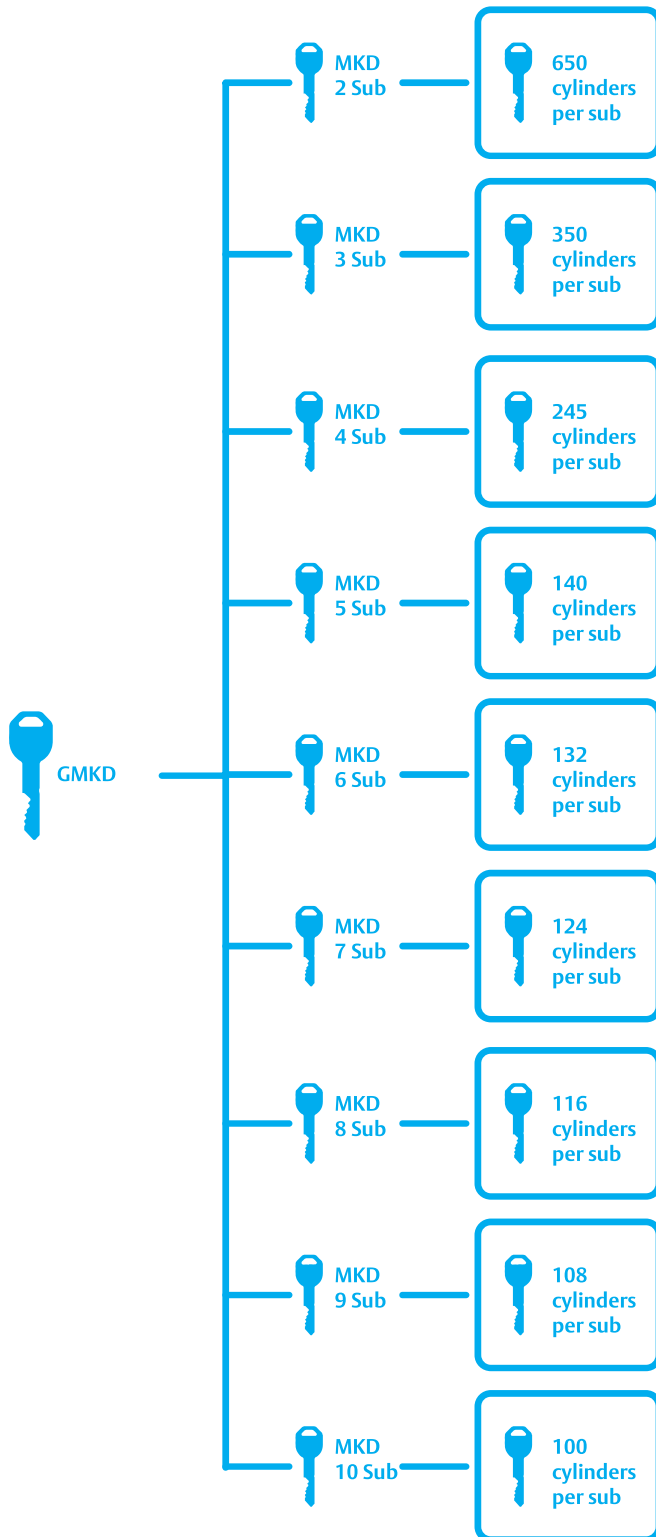


## Mzansi CYS00 Grand Master Key Capabilities



In the Mzansi CYS00 Grand Master Key system, a single Grand Master Key (GMK) sits at the top of the hierarchy and is capable of opening every lock in the system.

Beneath the GMK are configurable Master Keys or Sub-Master Keys (MK/SUB), which determine how access is distributed. For example, with 2 MK/SUBs, each sub-master can support up to 650 individual keys (IKs), giving a total system capacity of 1,300 IKs.

As the number of MK/SUBs increases, the number of IKs available per sub-master decreases—for instance, 4 MK/SUBs allow 245 IKs each while 10 MK/SUBs allow 100 IKs each.

This trade-off allows the Mzansi system to be tailored for either fewer access groups with higher capacity, or more access groups with tighter control, while always remaining under one secure and central GMK.