PATENT CLAIMS

1. The invention relates to a key (1) for a lock cylinder (2) of a key/lock system, comprising a key head and a key web, wherein the key web includes a plurality of control recesses configured to receive segments of associated tumblers (4) of the lock cylinder (2) characterized in that a recess for receiving an inserted square pin (5) is configured in at least one of the control recesses, wherein the square pin (5) includes a square pin tip (6) with a predetermined contour and at least the square pin tip (6) has different hardness and/or wear properties with reference to a material of the key web (3) and/or of the tumblers (4), wherein the respective square pin is arranged fixated and non-movable in the associated recess.

2. The key according to claim 1, characterized in that the respective square pin tip (6) comes in contact with a flank of a respectively associated tumbler (4) when the key (1) is introduced into the lock cylinder.

3. The key according to one of the preceding claims, characterized in that the square pin tip (6) is configured as a cone, a frustum, a pyramid, a pyramid frustum or as a wedge shaped cutting edge.

4. The key according to one of the preceding claims, characterized in that a square pin includes a square pin base (7) which is partially or completely inserted into the key web, wherein the square pin base includes a structure, in particular a profile, a knurl or a circumferential thread cutting edge at least in sections of an outer circumference.

5. The key according to one of the preceding claims, characterized in that a service life of the key is controllable by selecting wear properties of the square pin material.

6. The key according to claim 4, characterized in that the square pin base (7) is configured cylindrical.

7. The key according to one of the preceding claims, characterized in that the square pin base (7) has a convex shape (71).

8. The key according to one of the preceding claims, characterized in that the recess for receiving the respective square pin (5) is configured by drilling.

9. The key according to claim 2, characterized in that the respective square pin tip (6) contacts a flank of the respectively associated tumbler (4) when the key (1) is introduced into the key lock cylinder.