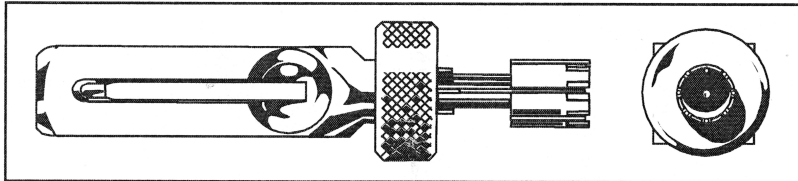


Instructions



Stationary Guarded Lock Pick



No. TLP-GUARD

OPERATING INSTRUCTIONS

1. Using the reset lever, position all feelers to their maximum depth. Notice that they are not flush with the tip of the barrel as are the feelers on other HPC tubular picks. Instead, they will be slightly short of it.
2. Hold the pick (with the roll pin at the top) and insert the pick through the lock guard. Raise the pick so that it lines up with the lock. Carefully insert the pick into the lock (the roll pin will fit into the keyway).
3. The picking process for this tool is almost identical to that of picking standard tubular locks – depress pick fully, apply and maintain light torque, move pick in and out approximately $\frac{1}{16}$ of an inch each way, an repeat until successful. The differences are discussed below.
4. Once the lock is picked, use extreme caution when removing the pick to record the depths and reset the feelers. The pick must not be withdrawn more than approximately $\frac{1}{16}$ of an inch from the lock before it is lowered, removed from the guard, and inspected. If the pick is withdrawn too far the feelers are at risk of contacting the inside wall of the guard. This is likely to change the depth readings of some of the deeper cuts.

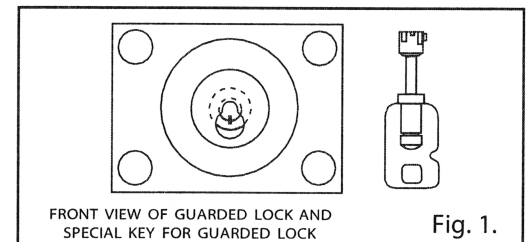


Fig. 1.

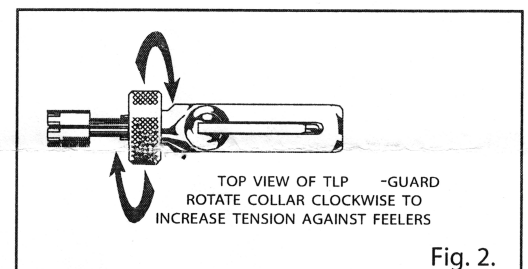


Fig. 2.

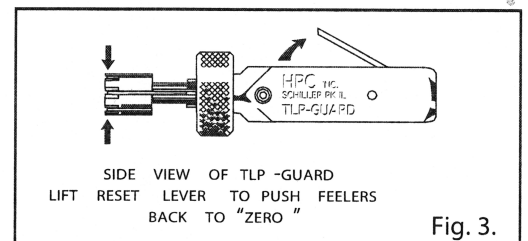


Fig. 3.

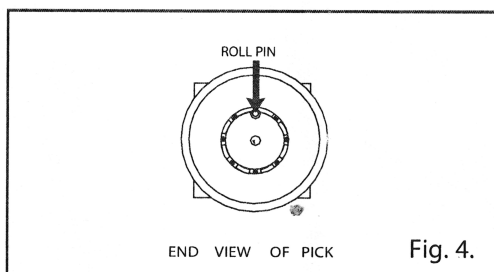


Fig. 4.

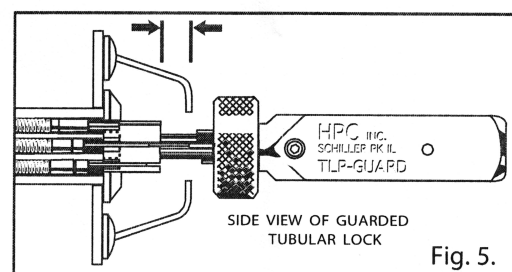


Fig. 5.

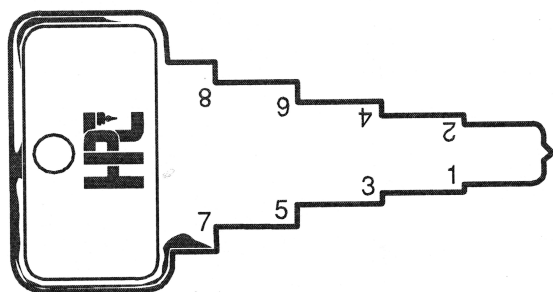
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Instructions



Tubular Key & Pick Decoder

No. TKPD-1



HPC's Tubular Key & Pick Decoder decodes tubular keys and HPC tubular picks.

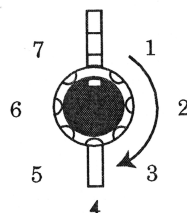
INSTRUCTIONS:

1. Read the key or pick in the direction shown when it is facing you. See Fig. 1 & Fig. 2
2. Take a depth reading at the corner. See Fig. 3. Keep the corners sharp for accurate readings.

NOTE: the decoder is made of stainless steel; do not use a wire brush on it.

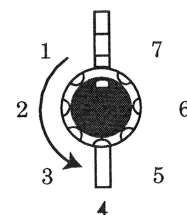
The steps are marked for Chicago Ace®, depths 1 - 7, plus 8 for pin-within-pin keys. See chart below for conversion to Fort Lock as well as inch and metric measurements.

Fig. 1



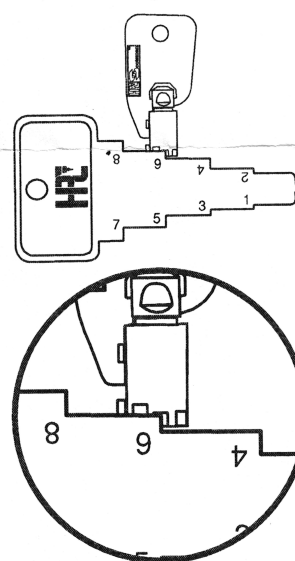
Fort Lock Sequence

Fig. 2



Chicago Ace® Sequence

Fig. 3



TKPD-1 and Chicago Ace®	Fort Lock Gem®/Apex®	Depth (in inches)	Depth (in mm)
1	0	.016	0.41
2	1	.032	0.81
3	2	.048	1.22
4	3	.064	1.63
5	4	.080	2.03
6	5	.096	2.44
7	6	.112	2.84
8	7	.128	3.25

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