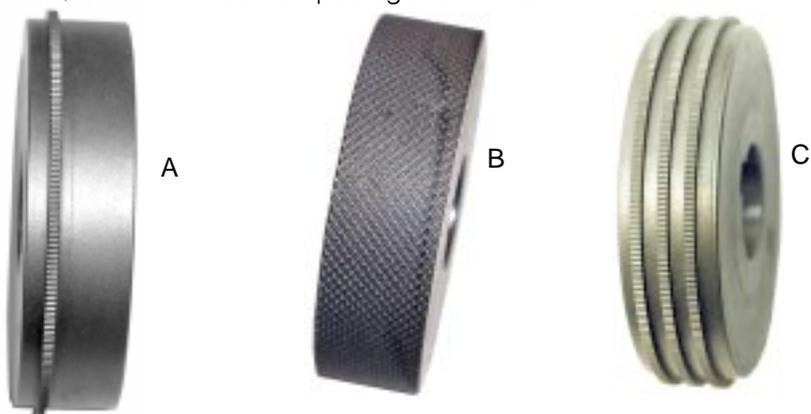


Specific wheels are best for use with the carousel feeder, which itself is diameter-specific. Spacers fit between a floating steel plate and the wheel to position the cannellure vertically. The spacers are .027 and .048 inches thick, making it possible to stack them in various combinations to achieve any practical position for the cannellure ring. Specific size wheels are marked with the proper bullet diameter.

Standard cannellure width is .050-inches with a vertical serration. The raised portion of the wheel, which impresses the cannellure, is offset from the center of the wheel, so you can turn the wheel over providing different cannellure positions, in addition to the spacers. Wheels are held in place by a collar, secured to the shaft by a single set-screw, which must be clamped against the flat of the shaft.

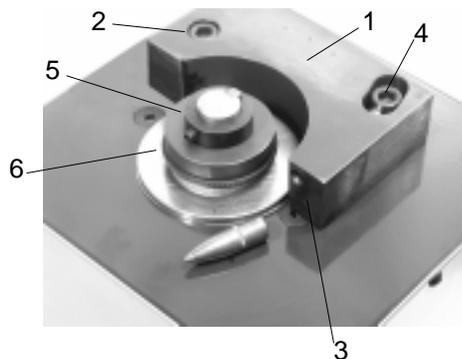


(A) Standard 1-groove cannellure wheel with offset ring to allow change of height, in addition to the use of the spacers.

(B) Knurling wheel, requires a special backing plate with knurling, also.

(C) Custom multiple groove wheel. Special wheels with custom shaped cannellures and multiple rings are made to order.

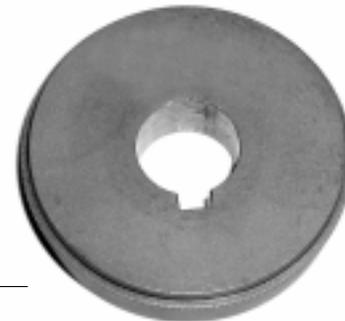
1. Back Plate
2. Pivot screw
3. Adjustment for depth
4. Locking screw
5. Wheel Locking collar
6. PCM-W wheel



CORBIN[®] PCM-W

Power Cannellure Wheel

Caliber: _____



The PCM-W is a hardened steel embossing wheel which fits the PCM-2 Power Cannellure Machine. Different sizes (diameters) of wheels are used for different diameters of bullets. A modest amount of size change can be accommodated by the cannellure depth adjustment on the machine, such as using a .355 (9mm) wheel for a .357 (.38) caliber bullet. The further away from the ideal diameter for a given caliber one moves the backing plate, the more the cannellure groove may tend to be shallow on one side of the bullet, until at some point it becomes noticeable. For instance, a .429 and a .452 diameter bullet could, in theory, be processed on the same wheel, but in reality a much better cannellure groove would be created with two separate diameter wheels. A .452 and a .458 diameter bullet could be cannellured using the same wheel without noticeable difference.

For highest quality results, the wheel should be made for a specific diameter bullet and not used for other diameters. A tolerance of about .003 inches plus or minus would be well within the range of diameters where no effect would be noticed by using separate wheels.

The wheels are placed over a vertical shaft, which has a drive key. The key aligns with a notch in the wheel's central hole. A collar with a set screw holds the wheel in place. The collar is placed on top of the wheel. The set screw is always fastened on a flat on the shaft or on the key face, never on the round surface of the shaft.

Spacers are provided with the machine to position the cannellure on the bullet. The spacers go on the shaft prior to placing the wheel on it. The wheel can also be turned over to put the cannellure higher or lower.



PCM-2
Power
Cannellure
Machine