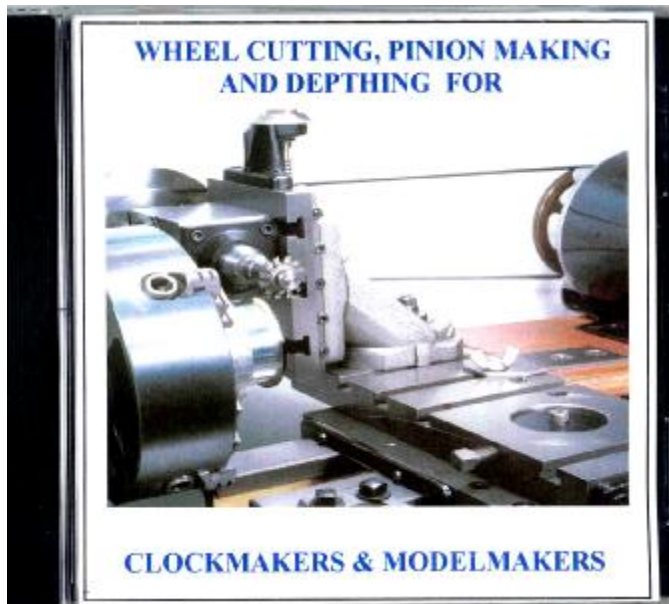


WHEEL CUTTING, PINION MAKING & DEPTHING FOR CLOCKMAKERS & MODELMAKERS

By W. R. Smith



This 2-hour video, made in the W. R. Smith workshop, explains in details the methods for calculating clock wheels and pinions using the wheel cutter module, M. These yield the circular pitch, the wheel blank OD, the lantern pinion pitch circle diameter and the pinion pin diameters.

Various ways for mounting wheel blanks are discussed, leading to the choice of the W. R. Smith super glue arbor, which allows more work to be done on the mounted wheel blank than any other type arbor. After the blank has been mounted, details are shown for determining the proper depth for the

wheel cutter, and the proper techniques for cutting the wheel teeth.

The design for a depthing tool is offered and detailed instructions of its use for finding the correct center distance between the wheel and pinion pivot holes is demonstrated.

This is the video needed by those wishing to learn how to cut clock wheels and make lantern pinions from scratch. It will help avoid the many "boat anchors" bought by people in their efforts to learn the proper way to make clock wheels and lantern pinions.

This video is available from the author/publisher at \$60 postpaid in the US and Canada.

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I cannot take credit cards but a personal check, money order or cash will be fine.