

#1762557 in Books CreateSpace Independent Publishing Platform 2013-01-29Original  
language:EnglishPDF # 1 9.00 x .43 x 6.00l, .58 #File Name: 148183715X190 pages | File size: 18.Mb



*Laurie Penman, Laurence W Penman*  
*DOC | \*audiobook | ebooks | Download PDF | ePub*

# COMMON CLOCK ESCAPEMENTS



A DESCRIPTION OF COMMON  
ESCAPEMENTS AND PRACTICAL  
WORKSHOP METHODS FOR MECHANICAL  
CLOCKS ANCIENT AND MODERN

**LAURIE PENMAN**

(Mobile pdf) Common clock escapements: A description of common escapements and practical workshop methods for mechanical clocks ancient and modern

## **Common clock escapements: A description of common escapements and practical workshop methods for mechanical clocks ancient and modern**

**Laurie Penman, Laurence W Penman : Common clock escapements: A description of common escapements and practical workshop methods for mechanical clocks ancient and modern** before purchasing it in order to gage whether or not it would be worth my time, and all praised Common clock escapements: A description of common

escapements and practical workshop methods for mechanical clocks ancient and modern:

1 of 1 people found the following review helpful. Hi,By Clock FetishHi,Laurie Penman has turned his engineering skills into a theoretical approach to clock making and repair - He always comes up with factual engineering approach to the problems in clock repair and clock making - all his books are worth collecting if you are interested in this artBrian Australia1 of 1 people found the following review helpful. Excellent bookBy Jerome FreitagLaurie Penman is a master of clock escapements. This book is well written,very informative, and will be very useful for anyoneinterested in clock movements. I also recommend his earlier book, "Practical Clock Escapements", as a companion book. Laurie has several clock repair books published all of which are very excellent.0 of 1 people found the following review helpful. Clock EscapementsBy D. KernPenman has written books and articles on clocks and machines for a long time. He writes well, has good theoretical knowledge and above all great practical experience. This book is a follow on to a prior book on escapements and adds some tips, nuances and advice relating to a very narrow subject, except maybe to clockmakers and repairers.

The common escapements are those that are found in the domestic clocks that are most frequently found in a clock repairers workshop. The average clock repairer is very rarely called upon to attend to a three legged gravity escapement or a Graham grasshopper (my earlier book Practical clock escapements deals with those). A book that deals with the design of the escapement only is very useful, but what a repairer really wants is a quiet word with the person who mauled the clock last and some useful information about what to do to repair or replace the sad result. This book describes what the escapement should look like, how it should operate and practical measures to achieve those aims. It also explains the effects that different proportions of the movement have on the design of the escapement and points out the errors that arise as a result of assuming that all escapements are square, ie. linking the pallet arbor centre to the tip of the tooth that is about to be touched by the pallet, from there to the wheel centre and from there to the tooth that has just been released, and back to the arbor centre again will trace out an approximate square. Most British authors appear to make this assumption, because long case and bracket clocks typically have square escapements, yet American and Continental clocks very frequently are anything but square. As a result repairers find themselves in difficulty when dealing with escapements that do not conform to the British pattern. My hope (and expectation) is that this book will make the life of the average repairer a little easier.