

---

Subject: Re: Cal 450

Posted by [JackW](#) on Tue, 08 Oct 2019 02:07:57 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

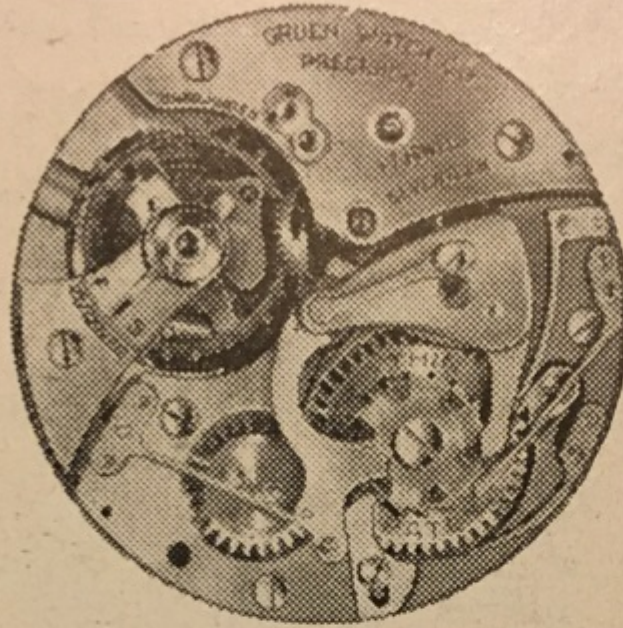
Ephemerald wrote on Sun, 06 October 2019 22:57: There is \*some\* technical information for 450 in Gruen Catalog 545.  
you mean this?

---

### File Attachments

1) [IMG\\_4071\\_sm.jpg](#), downloaded 2331 times

---



No. 450—"Chrono-timer"—This new and most simple designed movement is called the *friction chronograph*. This model has a new method of stem fixation, eliminating the detent screw. It has the advantage over the other chronographs in that it is not as complicated, and therefore very easy to be serviced. Has 17 friction set ruby jewels, metalinvar hairspring and monometallic balance wheel. All parts are interchangeable.

