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Subject: Caliber 849 - 6.5L, 16J - Factory L  
Posted by [Case](#) on Thu, 05 Dec 2019 03:11:44 GMT  
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Maker: Factory L  
Size: 6.5 ligne  
Jewel Markings: 16 Jewels  
Adj Markings: 4 Adj  
Config: Hunter  
Dial feet: 12.5 & 6 positions  
Dial release mech: side screws  
Example date: your guess as good as mine... 1918-1920?

Other markings: front plate--"27" lot code & "42796" (sn), "Depose"; back of dial engraved "45252"; signed "Gruen Watch Co"

### File Attachments

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1) [90F740FC-AE91-4D89-82A9-06DFE077667D \(2\).jpeg](#), downloaded 2719 times



2) [861.JPG](#), downloaded 2683 times



6 $\frac{1}{2}$ ''' rect. 16 J  
No. 861

3) [938827D0-9517-46FC-BD7B-2B25FCF437A6 \(2\).jpeg](#), downloaded 2671 times



A close-up photograph of a metal watch case back. The metal has a brushed texture and shows signs of wear. There are three screws visible: one at the top left, one on the right side, and one at the bottom left. The engraved text is located at the bottom of the case back.

GRUEN WATCH  
16 JEWEL

4) [F0A52A6F-3D62-4D8A-A5CB-137D184B3B83.jpeg](#), downloaded 2688 times



Subject: Re: Caliber 861  
Posted by [Gary](#) on Thu, 05 Dec 2019 03:36:23 GMT  
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Dan,

An unknown Factory L movement. One of Liz's beauties! 8o

Gary

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Subject: Re: Caliber 861  
Posted by [timeliz](#) on Thu, 05 Dec 2019 03:37:57 GMT  
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Dan,  
Here is one of two examples I have with this movement.  
Gruen lists this as a caliber 849.  
Still have not deduced maker Factory L.

[https://vintagegruen.org/vgforum/index.php?t=msg&goto=6754&&srch=caliber+849#msg\\_6754](https://vintagegruen.org/vgforum/index.php?t=msg&goto=6754&&srch=caliber+849#msg_6754)

1921 ad -

My other one with size comparison to normal cartouche:

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### File Attachments

1) [1921 Gruen 2 ad.JPG](#), downloaded 2373 times

# Announcing The GRUEN Cartouche<sup>\*</sup>

TRADE MARK

## the logical wrist watch shape

\* Cartouche: An ancient Egyptian tablet of oblong shape bearing the hieroglyph of reality.



*Here the Gruen Cartouche makes possible greater strength and accuracy by providing almost double the movement space.*

Copyright 1911, Gruen, W. Co.

THE above diagram explains the growing popularity of the Gruen Cartouche Wrist Watch.

On the arm the Cartouche is not only an ornament of rare beauty and distinction, but it is a timekeeper of dependability as well. Its oblong movement in an oblong case forms a wrist watch of the most logical shape.

Of the same width, with double the space, as the round movement, the Gruen Cartouche provides more space for its parts.

The result is greater sturdiness and accuracy in a small compact wrist watch of beautiful form.

The Gruen Cartouche has heretofore been made only in the higher priced models, chiefly in platinum and diamonds. In response to a wide demand for the Cartouche at moderate prices, the Gruen Guild craftsmen have fashioned the exquisite models shown here.

You may see these Gruen Cartouche Wrist Watches at the best jewelry stores in each community, to which the sale of Gruen Watches is confined. Look for the Gruen Service Emblem displayed by all Chartered Agencies.

**Special note: If your jeweler should not yet have these new watches, send your order direct to us and we will supply you through him.**

GRUEN WATCHMAKERS GUILD, Time Hill, Cincinnati, U. S. A.

Canadian Branch, Toronto

Masters in the art of watchmaking since 1873



No. 111. 14 kt. solid green gold, engraved ..... \$55.00



No. 116. 14 kt. solid green gold ..... \$35.00



No. 112. 14 kt. solid green gold, engraved ..... \$60.00  
No. 112. Sterling silver, engraved ..... \$55.00



No. 117. 14 kt. solid green gold, engraved ..... \$60.00



No. 113. 14 kt. solid green gold, engraved ..... \$55.00  
No. 113. Sterling silver ..... \$50.00



No. 118. 14 kt. solid green gold, chased ..... \$55.00  
No. 118. 14 kt. solid white gold, chased ..... \$55.00



No. 114. 14 kt. solid green gold ..... \$50.00  
No. 114. Sterling silver ..... \$45.00



No. 119. 14 kt. solid green gold ..... \$55.00  
No. 119. Sterling silver ..... \$50.00



No. 115. 14 kt. solid green gold, engraved ..... \$60.00  
No. 115. Sterling silver, engraved ..... \$55.00

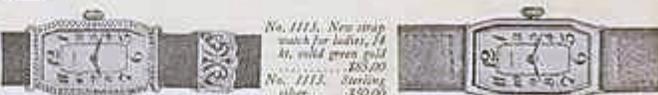


No. 110. 14 kt. solid green gold ..... \$55.00

**NOTE:**  
These watches are in several sizes.  
Prices include your size.



No. 111A. New strap watch for men with greater rise, tangential movement, 14 kt. solid green gold ..... \$100.00  
No. 111A. Sterling silver ..... \$60.00



No. 111B. New strap watch for ladies, 14 kt. solid green gold ..... \$55.00  
No. 111B. Sterling silver ..... \$50.00



No. 112. 14 kt. solid green gold, chased ..... \$100.00  
No. 112. Sterling silver, engraved ..... \$55.00

No. 111C. 14 kt. solid green gold ..... \$55.00  
No. 111C. Sterling silver ..... \$50.00

2) cal 849 setting parts.jpg, downloaded 2333 times



3) cal 849 size comp with car cal 835.jpg, downloaded 2361 times



Subject: Re: Caliber 861

Posted by [Case](#) on Thu, 05 Dec 2019 20:56:30 GMT

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Thanks, Gary & Liz--I knew I'd seen this gorgeous watch earlier, but if I search any numbers on the forum it returns no results. Frustrating! Good to have confirmation it's Factory L. Then again... \*sigh\*

So my dates for mine were right, pre-1920.

I'd looked at the setting bits for both. Super close, but there seems to be a slight difference between 849 & mine/Liz's. Note the notch on the large piece: ours is more triangular vs. the 849. Note also the opposite end of that piece: there's a slight difference (849 not the same on top & bottom, different taper on the tip). I took that this was a 861, since both ends matched better. I could not find a pic of the actual movement, nor did I make out one below. Did I miss it?

Either way, these two must have been nigh identical: same size, almost same setting bits. Likely both from Factory L.

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### File Attachments

1) [849 or 861.JPG](#), downloaded 2349 times



6 1/2''' rect. 16 J  
No. 849



6 1/2''' rect. 16 J  
No. 861

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Subject: Re: Caliber 861

Posted by [timeliz](#) on Thu, 05 Dec 2019 21:32:05 GMT

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I think these are just different revisions of the same movement.

Now I'm going to have to take the dial off my other one. Darn you Dan!  
I also have a couple spare ones that I need to locate.

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Subject: Re: Caliber 861

Posted by [Case](#) on Fri, 06 Dec 2019 03:31:35 GMT

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Oh, man... Sorry, Liz!! But it's just such a beautiful movement--and unknown maker, too, so these fascinate me! I've another, too, so I'll take a look.

Let me also second Gary and say I love your pics. And your watch with this movement is the most exquisite example I've seen. Sadly, my movement here has a gold crown, meaning it was likely once something as beautiful.

BTW, I've also seen a similar movement (perhaps just a later plate style, or whichever variant is the other!) in a 14k man's watch. A pre-quadron Quadron, if you will, similar to the one I believe your 1921 ad shows at bottom right, but case made in 1924-25 and now having a Verithin signed dial/Guild marked movement. I was hoping someone here had it, to see better pics. Haven't seen it yet. Still kicking myself for not being available when it ended.

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Subject: Re: Caliber 849

Posted by [Case](#) on Sat, 14 Dec 2019 19:11:52 GMT

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I corrected this thread to say "849". I discovered I also have the sister caliber 861--will post it in a separate thread, comparison below.

The Caliber 849 back plate is shown in the 1926 Guild Supplement B, and it is the one previously identified as 849 on the forum--linear jewels for the train gears vs. a slight offset in the sister caliber. You can see below there is a noticeable difference in the setting mechanism for each, as well as the click, front plate holes, dial feet holes, etc. The train jewels are a clearest identifier on the back plate, since bridge looks could change along the way.

However, the setting bits we see on all our 849s referenced above and on the "849" page in Supplement B--they all match what's labelled as the "861" in the disco'd models of later Gruen material catalogs. It appears there was a mix-up along the way, and the two got swapped.

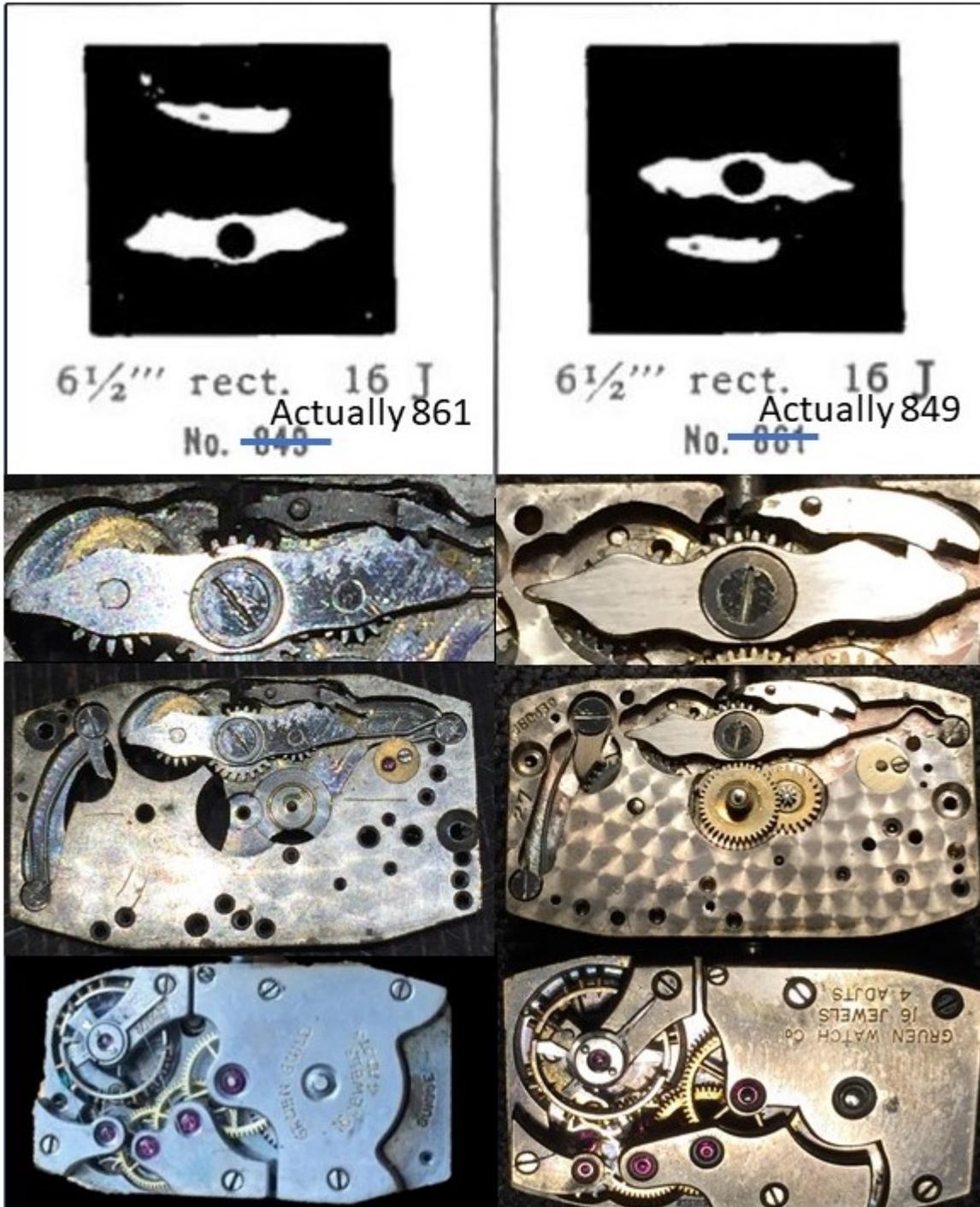
So which is the true 849?? I'll default to the one that has a clear picture of the actual movement, concurring with the others here. BTW, Liz has shown me this image swap is also carried over from the Gruen material catalogs to the Swartchild catalogs--since the mainsprings are different, I wonder which is the correct specification for which?!

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File Attachments

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1) [849 vs 861 \(corrected\).jpg](#), downloaded 2303 times



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Subject: Re: Caliber 849

Posted by [Case](#) on Sat, 25 Jan 2020 02:38:39 GMT

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Just to confirm, Swartchild does indeed catalog this movement—the one shown as “849” in the 1926 Guild Supplement B—as Gruen caliber 861. You can clearly see the telltale click

here on the movement detail, in addition to the setting bits.

Wanted to note this, for anyone following later Swartchild or Gruen catalogs, in search of repair parts. Their 861 parts list should be the correct ones for this movement—and vice versa.

### File Attachments

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1) [C2CE6585-A37D-4FDA-890A-BD32D6CADB6B.jpeg](#), downloaded 2271 times



2) [1A08071D-601E-44DC-8A76-B8EA5BDAAB7C.jpeg](#), downloaded 2284 times



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Subject: Re: Caliber 849  
Posted by [Case](#) on Fri, 31 Jul 2020 19:06:57 GMT  
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Here's an oddity: a movement identical to the 849, except fully rectangular (no edge bevels) and an extra case screw near the balance. I thought it might be a first version of the 849, but I note the serial number would be later vs the above, apparently after the Factory L stamp disappeared.

Is this a different caliber? It looks like it would fit a square edge case similar to 115 in Liz's ad above.

Of note:

-This movement seems to have maintained "Gruen Watch Co" stamp before, during & after the "Factory L" stamps (Cal 861 went to Guild)

-This also suggests fewer than 5k "Factory L" stamped movements may have been produced. Stamp is not there at 42k above, is there at 45k on Liz's movement that Gary linked then gone at 47k here. Perhaps far fewer, since it's likely the supplier serial number sequence.

## File Attachments

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1) [A2FF6B7F-916B-423B-B6C4-0E7338994529.jpeg](#), downloaded 2167 times



2) [7F26AEEC-DB0C-448D-A821-BB0E0DDA74B3.jpeg](#), downloaded 2137 times



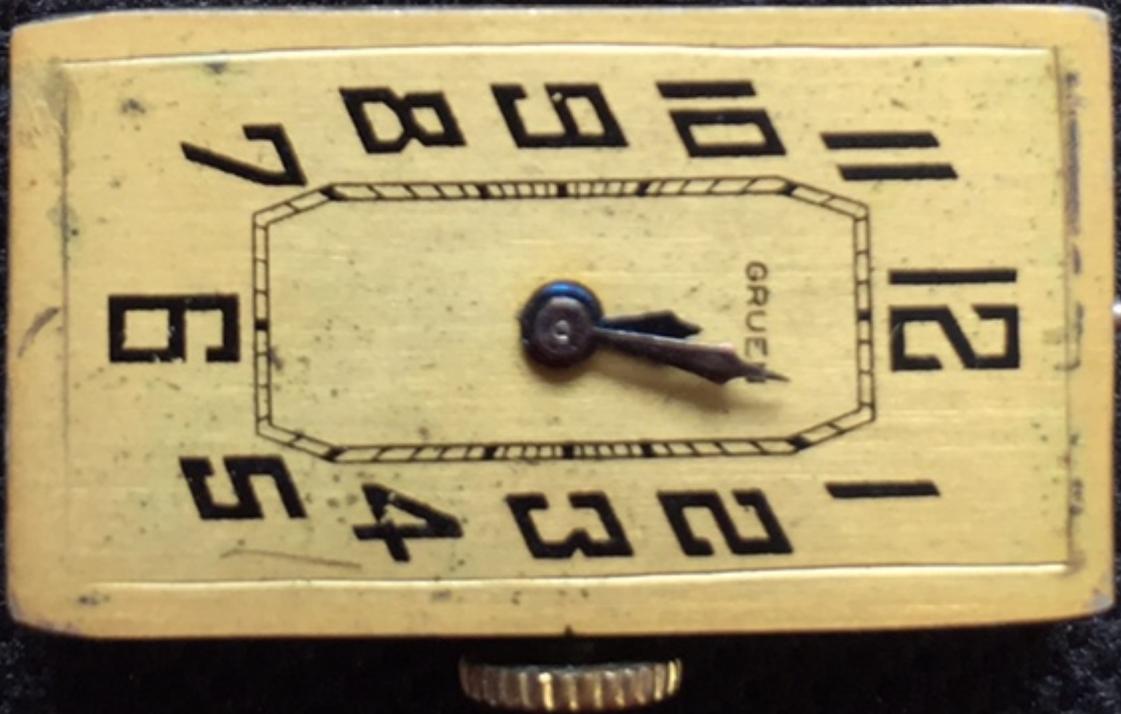
3) [D0A812B7-2391-48C9-8323-5DE77AAECCDF.jpeg](#), downloaded 2158 times



4) C6B5D616-1B07-4851-93B4-E32681915BE8.jpeg, downloaded 2153 times



5) [43A0FAE0-237B-40F9-A001-703FAD14FE89.jpeg](#), downloaded 2134 times



Subject: Re: Caliber 849

Posted by [timeliz](#) on Fri, 31 Jul 2020 19:42:32 GMT

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Oooohhhh....a rectangular one!? That's a first for me.

I'm feeling a strong sense of covetousness right now. :o

Did you find that on the bay?

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Subject: Re: Caliber 849

Posted by [Gary](#) on Fri, 31 Jul 2020 19:44:39 GMT

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Dan that one sure is an oddity but boy it sure looks sharp! Like Hewie says...

Don't tell me that I'm crazy

Don't tell me I'm nowhere

Take it from me

It's hip to be square

---

Subject: Re: Caliber 849

Posted by [timeliz](#) on Fri, 31 Jul 2020 19:57:37 GMT

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My personal favorite: "It's hip to be a square" - Sesame Street

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Subject: Re: Caliber 849

Posted by [Case](#) on Sat, 01 Aug 2020 01:57:57 GMT

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Can you believe it still runs & keeps time? I grabbed it a year ago on the bay, but sad to say I just noted it was different last week. That "Gruen Pritler" (?) dial engraving has me scratching

Man, the Sesame Street Huey Lewis reference takes me back! I just introduced the kids to Square One TV. I think that show was the reason I never had to study for Math class until I hit Calculus. Steep learning curve on study habits then, tho! Mid term grade was a 7. My classmates called me Touchdown till the end of the term.

Guess I'll quote Chevy Chase as Gerald Ford: "It was my understanding there would be no math..."

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Subject: Re: Caliber 849

Posted by [Barney Green](#) on Sat, 01 Aug 2020 13:02:25 GMT

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OK, time to uncover Factory L.

To make a long story short: It is one of the suspects already named for this position, Landeron. To be precise, at this time the factory was still called Charles Hahn & Cie, based in the small village Landeron. Later, when the company was part of the ESA, it was simply called after the place, Landeron.

Here is why I am sure that "Landeron" is factory L.

The only known factory L marked movement is caliber 849, caliber 861 is very similar and will have the same source. Here comes the design protection for Charles Hahn in 1918, take a closer look at number 124:

And we can see as #123 the form factor of this remarkable new rectangular version of the cal 849. This new movement is a mixture of 123 and 124...

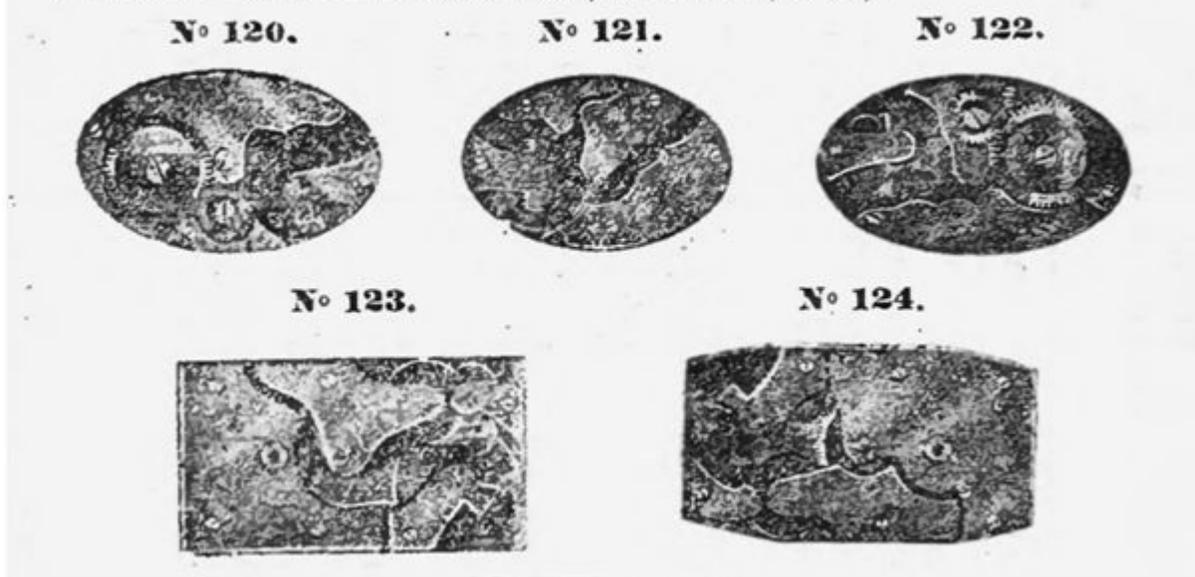
Barney

### File Attachments

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1) [Factory L.jpg](#), downloaded 2153 times

N° 29213. 1<sup>er</sup> mai 1918, 12 h. m. — Ouvert. — 5 modèles. — Calibres de montres. — Charles Hahn & Cie, Landeron (Suisse).



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Subject: Re: Caliber 849

Posted by [timeliz](#) on Sat, 01 Aug 2020 16:13:56 GMT

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Awesome find, Barney!

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Subject: Re: Caliber 849

Posted by [Case](#) on Sat, 01 Aug 2020 19:33:55 GMT

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Congrats, Barney, on another example of excellent research! Landeron it is. It's hard to say anything about early Gruen with 100% certitude, but these Depose filings make it 100% in my book.

I'd done some looking at Landeron. The sites I found generally state Hahn switched to Landeron in 1925, but I disagree. I can confirm Hahn was already stamping Landeron on at least some movements circa 1920, possibly late teens. Here is one active swamp example with pre-1922 tariff stamps for US import. 133393265453 The dial suggests late teens.

Tangential but related, I have also found that Hahn/Landeron was a member—or at least a source—of SADA. I say that because I sometimes find SADA movements similar to Gruen but can find no info on SADA. Item 303616958737 looks like a left handed variant of 120 above; item 162861925030 has “Landeron” stamped on front plate below 6 position (I had one with a clearer stamp, but it ended).

Anyway—back to the important stuff. Well done, and congrats again!

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Subject: Re: Caliber 849

Posted by [Jenneke](#) on Sat, 01 Aug 2020 19:44:09 GMT

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Great find Bernd!

That rectangle movement is just awesome.

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Subject: Re: Caliber 849

Posted by [Case](#) on Mon, 08 Feb 2021 17:32:44 GMT

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There is no question that these are a Landeron (Hahn) ebauche, but there may be more to the Factory L story. I offer this only because even up until 1922 Hahn was advertising only ebauches.

But rewind back to 1920: there is another "L" offering a familiar finished movement. Also with the style cases & dials that we see on the early man-sized cartouches, which were mostly all imported Swiss cases... You can even see the little anchor tab that is on my curious rectangle variant.

## File Attachments

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1) [Hahn Gruen 849 bridges in Levallant Cie.png](#), downloaded 1404 times



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Subject: Re: Caliber 849

Posted by [Case](#) on Fri, 29 Apr 2022 04:16:49 GMT

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I looked back at this today, and I noticed "125" is engraved on the back of the dial. See the bridge twin Barney posted above: # 124. Landeron it is.

Why was I looking? Caliber 859, a rare 6L oval movement. 16j. Very similar style & markings to the above.

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