

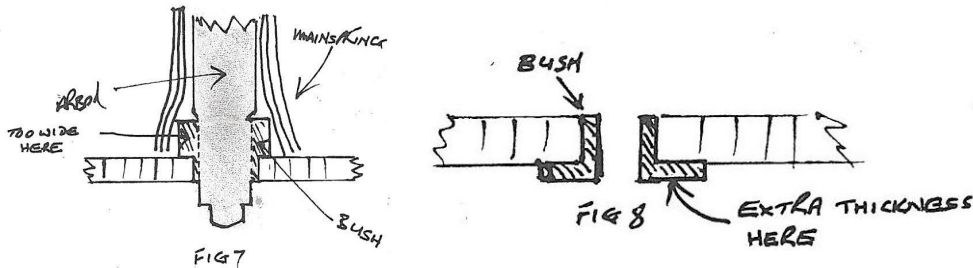
The Art of Re-bushing Part 13

If you have to fit a bush which extends into the barrel as in Figs 1 & 3 and the wear is such the entire existing bearing is removed or severely weakened by the amount of material which has to be removed it is important to remember the diameter of the new bush must be less than that of the barrel arbour. If it is larger it will distort the mainspring as it is wound on to the arbour. (Fig 7).

A flanged bush can be made to increase the thickness of the bush which is useful on occasions, particularly in some modern clocks which tend to have thin lids and bases which is one of the reasons they wear so quickly, (Fig 8). If you intend to fit thicker bushes make sure they do not interfere with another component. Riveting or soldering? Which is the best option? This is a personal choice, both requiring the same level of skill.

How best to go about soldering is a mystery to most and many a dry joint has led to some spectacular failures. However if done properly, which means you know how to solder, the join is as effective as riveting. One of the benefits of soldering is the bushes can be made to the precise dimensions before fitting as opposed to the riveted bush which requires machining after being fitted.

The advantages of boring out the new bushes whether soldered or riveted are that they will always be precisely in line which is the desired result. Practice makes perfect and you will soon get the hang of it. There is something very pleasing about a barrel which spins freely and precisely between your fingers. Achieve this and you deserve a pat on the back, you are well on the way to realizing the rest of the clock has to be dealt with in the same way.



Sprung!

BERGEON assortment of springs for bangle watches - hard to find and harder to make. Packet contains 25 of the most popular sizes. A must for the bench.

AW10101 \$33+gst



SERVICES

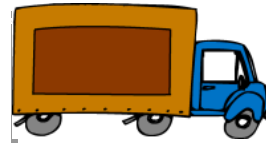
Services include, **CRYSTAL FITTING, PLEXI FITTING, COIL REWINDING** and **WATCH DIAL REPAINTING**. We also undertake a range of clock parts making and repairing.

SEIKO

We stock a huge range of everything you need for Seiko. We leave no stone unturned trying to find parts which have been obsolete for many years as well as being able to supply those for the most recently manufactured calibers.

The Monthly

September 2010



Jottings

A MOVING EXPERIENCE - On Saturday 18th September we will be moving to new premises, the building we currently occupy is to be totally refurbished which is why we have to move out.

PLEASE note these important details.

- **We will be closed** on Friday the 17th. All of our communication systems will be shut down and moved across to the new premises.
- **ALL telephone, Fax and emails will stay the same.**
- **WE will endeavor** to be up and running on Monday 20th but I suspect there will be a few hiccups as is normal during times such as this but we will try to keep disruptions to a minimum.
- **Please address all mail to our post office box:**
_____ **PO Box Q550, QVB Post Office, Sydney 1230** _____

Any mail addressed to our current office will be redirected to our post office box which will ensure all mail is received into a central pick up point, this centralizing offers the greatest security for both parcels and letter mail.

- **PLEASE DO NOT** send mail to our new street address just yet, we have to get there first.
- **AND LAST BUT NOT LEAST** our NEW address will be:
_____ **1st Floor 36 York Street Sydney** _____

Enclosed is a map giving details of how to find us. We are just around the corner from our current office, almost opposite House of Jewellery. This is the sheltered side of York Street so the chance of getting wet is no longer an excuse for not calling in to see us. The trip to the first floor is very quick and we are offering an incentive to make it worth your while.

Apologies. Our on-line store was hacked earlier in the month with disastrous consequences, we got it up and running and it was hacked again. We have jury rigged something for the time being but have to reconstitute our on-line store through a new provider. This is underway but I cannot confirm a time line as yet. And you wonder why I have grey hair,
Michael



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CLOCKS

The August issue is full of great information for both the amateur and the professional clockmaker and collector. A criminal clockmaker, impossible! Did you know Hoodies were around 400 years ago? Some write fairy stories, some people make them up as they go along but some apply them to clocks. And if you use a fly you will need something to hold it. Laurie Penman will show you how. At only \$10.50 it is the best horological magazine around and if you subscribe you can have it delivered to your door. For this great deal you are only paying \$125 for 12 months worth of reading. Do it now, you may forget tomorrow!



Perfect Platform

Superb quality Swiss Made "Gorge" platform escapement with 8 leaf pinnion. These are the finest platform escapements available, and can be used for many movement types.

We have the following sizes, priced from \$185+gst;

Small size - 28 x 18 mm, escape wheel drop 4.5mm

Medium—35.7 x 22.5 and 7.5mm drop

Medium Wide—35.7 x 25 and 7.5mm drop

Large—41.5 x 29.5 and 7.5mm drop



Watch Batteries

We distribute **Energizer**, **Seiko**, and **Sony** batteries at competitive prices. Ask for our current price listing.

Hole too Small?

Fix it with our quality set of 6 Swiss made A&F reamers in a handy wallet. Top steel with plastic knurled handles. Size range from 2.00mm down to 0.60mm.



Bergeon Auto Oiler

Bergeon automatic oiler 1A (black) with stand. Bergeon at their best, these oilers are a must when you are regularly servicing watches. Used for oiling shock protection devices and balance wheel contact bearings.

TO2718-1A, \$115+gst



TAG Heuer

We are the official distributor of TAG spare parts including bands and band parts, quick turnaround time assured. Free QUOTING service offered.

No.1 Clean

No.1 clock cleaning concentrate. Our most popular and effective fluid for cleaning up clock plates and wheels as new. One 500ml bottle makes a huge 4.5 litres of solution.

CN301, \$18.50+gst



Cover Up!

With so many option in stock, now's the time to "cover up"...

GL 636 Clock glasses, sizes 50mm to 350mm!

Watch plexis

Our range includes **Low** and **High** dome wrist sizes. **Open face Pocket Watch**, **Hunter Pocket Watch**, **Armoured** and a host of **Generic shapes & sizes** which watch brand manufacturers no longer make. We also carry a range of **Flat Plexi Blanks** for **DIY**

Watch Crystals

Our range of round flat **Watch crystals** include 1mm, 1.5mm, 2mm, 2.5mm and 3mm. We also have a range of **Domed crystals**, plus a range of **Generic**, no longer manufactured, crystals.

Our **Crystal cutting service** offers quick 'turn around' time. Please supply case numbers where possible.

Need a Crank?

Just arrived into stock. English made **KE 561 Long Case crank keys**. Without doubt the best we have stocked in years. Sizes in stock 4.75, 5.00, 5.25, 5.5 and 6mm

KE561 \$29.50+gst



Handy Lifters

Highest quality Bergeon hand lifters. One pair of Bergeon hand lifters, head width of 2mm to cover a wide range of hand sizes. A most handy tool

TH30019, \$76.50+gst



Brighten Up!

Quality A&F range of luminous powders for refinishing dials, hands etc. We stock a kit that comes with powder, lacquer, thinners and a mixing bowl for easy application. Available in three colours - white, green and yellow..

RE304 \$55+gst



Quality MATters

Quality Swiss made Horotec bench mats. These great mats are a non-adhesive type so you can move them around your bench. Quality non-slip, anti-reflective, and made from a cushioning material. A must for the bench.

Refresh the bench, \$19.75+gst



Shhhhh!

A little known secret is out - pith wood! Cleans oilers, pivots and has a host of other uses, box of round, denser type.

TL409, \$21 +gst

