

SUGGESTED TOOL LIST

For **all** AWCI CW21 exams, **AWCI will provide cleaning machines and solutions**. Hand tools should be provided by the candidate. Lathes, staking tools, poising tools and truing calipers, microscope, etc. **will be available**, but students should provide their own wherever possible and convenient.

Ownership of quality hand tools is an expectation of a **Professional Watchmaker**.

The brand names mentioned below are used to help you identify the tools from the most popular tool catalogs; you are welcome to choose a brand of your choice, as long as it is of comparable or better quality.

Please note that in addition to the tools mentioned below, you may also bring tools that you are comfortable with that are not necessarily mentioned below. Some items not on list will require prior approval. If you have any concerns please check with AWCI.

CW21 Examination Tool List		
Description	Bergeon	OTHER BRANDS
Bench Block (anvil)		
Barrel Arbor Holder (slide locking jaws)	30610 Diam 1.00	
Barrel Arbor Holder (slide locking jaws)	30610 Diam 1.50	
Barrel closing tool		
Baskets small round, (5) thimble type with screw tops preferred	4735 or 4734	2703 I
Basket, special plastic snap together Vibrograf #17134 for Epilame		
Benzine cup Ø 80 mm	30514-080	
Burnisher, oval Optional	1892-3012-3	
Brass plate (apertured) for balance 35 mm	30106	
Broaches smoothing (assortment)	30543-A	
Brush (small)	1300-6	
Brush (large)	1303-4	
Brush, 3 rows, No. 4	1103-2	
Casing cushion	5394	
Clear Plexiglas round stick 4 mm thick, 6" long	5206-4	
Cloth (lint-free)		Selvyt
Dial protectors	6938	
Dust blower (rubber)	5733	A.F.18666
Dust cover	30097BC	
ETACHRON regulator adjusting tool & removing tool #015595 & # 015600	6918 6919	
File, rectangular, Hand style 6" long #4 cut	1371-1163-6T4	

Files (assortment of 12 escapement (small)	Optional	30421-A	
Finger cots			
Gravers (hand-held) HSS/carbide blank www.msc.com (04120077)			
i.e. to cut out existing balance staff			
Hammer (Brass or Brass & Fiber)		30416	
Hammer (Watchmaker's) steel		1438-C3	
Hands-pusher (set of 3) or Hand press		7404	
Holder for pallet-fork		30433	
Jewelling tool, Horia Pushers and anvils/stumps, (assortment)			
Knife (with case opener)		6403	
Leather/Chamois buff 6 mm wide		1282-D	
Leather/Chamois buff plexi cover		4056-6	
Lever for hairspring collets, 1.7 mm		30013	
Lever for hands, 2.50 mm (up to 5.0 mm)		30019	
Loupe Aplanatic 10x			
Loupe 4X Aplanatic			
Loupe 2.5X Aplanatic			
Lubricants will be made available at test site. Below are the lubricants used and their part numbers			
1. Lubricant, Moebius Synt-A-Lube # 9010			
2. Lubricant, Moebius HP 1300			
3. Lubricant, Moebius Pallet fork grease # 9415			
4. Lubricant, Moebius grease # 9501			
5. Lubricant, Fomblin gasket sealing grease			
6. Lubricant, Klueber P125 Chronogrease (Braking Grease)			
7. Lubricant, Moebius Quartz oil # 9000			
8. Lubricant, Molykote DX, grease			
*** If you wish to use Epilame (fix-o-drop) -- please bring your own fresh supply.			
Mainspring Winder Set (left & right)		5356 or 2795	
Movement holder (Slick/Bergeon) (small)		4039	
Movement holder (Slick/Bergeon) (large)		4040	
Oil cup, chromium, 4 in separate containers			
Oiler hand (Bergeon brand) new style #7013 or 30102			
Oiler (automatic No. 1A)		2718-1A	
Pen Knife or razor knife			
Pegwood, Ø 3 mm			
Pegwood, Ø 4 mm			
Pithwood			
Pin vise (small)		1842-16A	
Pin vise (large)		1842-18A	
Poising tool		2802-LN01	
Poising drill approx 0.25 mm diameter		1712-DI 0.25	
Presto for removing hands, tool No. 1		30636-1	
Presto for removing driving wheel, tool No. 3		30636-3	
Rodico or Rub-off		7033	

Roller table remover	2810	
Screwdrivers, set of 10; with stand		
Screwdriver sharpener	2461	
Stem Cutter (Lindstrom or other good quality)		
Staking set		
Stone, Arkansas		
Stone, India		
Truing calipers Lyre style	30548	
Truing caliper for Hairspring	4000	
Tweezers, brass AM	1064AM	
Tweezers, antimagnetic, No. 2		
Tweezers, antimagnetic, No. 3	6671-3	
Tweezers, No. 4		
Tweezers, antimagnetic, No. 00 (for cap jewels)		
Tweezers, Dumont, No. 5	6671-5	
Tweezers for hands Fontax or Horotec type F		12.301-F1
Tweezers, Plastic for batteries		
Watch paper		
Ziploc bags 2" x 2" (clear) approx. 10		

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