

Material : Cu-Au Coating on watch band

Method No. : H02

Results

The coating layer is clearly visible and can be measured easily.

In order to prevent coating material from breaking, the sample has been cold mounted before cutting.



Stainless Steel 316

Magnification: 400X

Etching:

Preparation Method:

Cutting: Abrasive Cut-off machine with Metlab Abrasive wheel

Mounting: Mounting Press with Black Epoxy

Mechanical Preparation: FORCIPOL Grinding / Polishing Machine + FORCIMAT Automatic Specimen Mover.

Steps	Surface	Abrasive	Lubricant	Force per Sample, (N)/(PSI)	Time min.	Disc Speed, rpm	Relative Rotation
1	S/C Paper Disc	180 Grit	Water	25/5	2 min. or until plane	300	Contra
2	S/C Paper Disc	400 Grit	Water	25/5	2	300	Contra
3	S/C Paper Disc	800 Grit	Water	25/5	2	300	Contra
4	Plus Cloth	6 μ Diamond Suspension	Blue Lube	15/3	3	150	Contra
5	Metlab Cloth	1 μ Diamond Suspension	Blue Lube	15/3	3	150	Contra

FOR MORE DETAILED INFORMATION PLEASE REFER TO METLAB PRICE LIST