

The High Tech O-Rings, manufactured by Biwi SA, answer the highest requirements in terms of precision, chemical and mechanical characteristics.

Under the labels :



*Iso-Swiss  
 Iso-Lub  
 Iso-Chron*

you will find products, which are developed and manufactured in order to answer the most demanding specifications of the watchmaking industry. These labels are synonymous of high quality.

### **Iso-Swiss®**

The high precision **Iso-Swiss** gaskets are realized with an Elastomer mixing, especially developed for the watchmaking purpose. Widespread on that market, these gaskets are mainly intended for static watertightness. They are characterized by a tight tolerance (+/- 0.03 mm). A full assortment of references form our collection.

#### **Characteristics**

- mixing approved and successfully used in the whole watchmaking industry
- very good characteristics in mechanical and chemical use

### **Iso-Lub®**

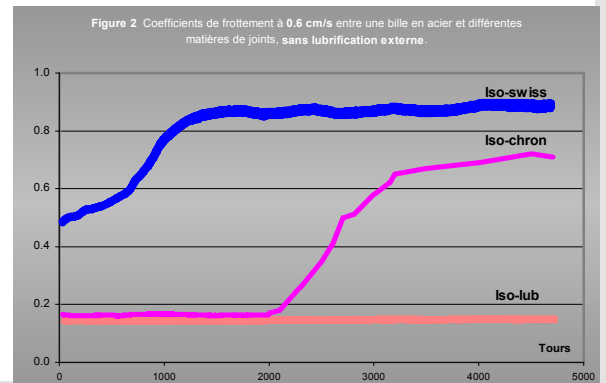
Within the framework of a project conducted in partnership with the Laboratoire Dubois SA, Biwi SA has settled a new Elastomer-formula, aimed to improve the friction coefficient, while eliminating external gasket's lubrication.

#### **Applications**

The **Iso-Lub** gaskets find a vast number of applications in the industry, particularly in the watchmaking sectors. They are especially adapted in case of external abrasion. Greasing or lubrication of the outer gaskets is therefore not necessary. This handling was a factor which accelerated the surface migration and caused a contamination in the watch-case.

#### **Characteristics**

- poor friction coefficient
- very good abrasion resistance
- continuous lubrication
- the inner lubrication withstands washings as well as chemical and mechanical aggressions
- good anti-corrosion property



### **Iso-Chron®**

The **Iso-Chron** gaskets answer the highest requirements. Adapted to an important mechanical abrasion prompting, they also present an excellent resistance in ageing process.

#### **Applications**

The **Iso-Chron** gaskets are appropriated in situations of dynamic stress (crowns' and pushers' gaskets). This mixing is also very performing towards a long-term watertightness.

#### **Characteristics**

- outstanding ageing resistance
- very good chemical resistance
- very good abrasion resistance
- good friction coefficient
- good anti-corrosion property