Lingual buckle instruction manual

Product name: lingual buckle

Product function use: suitable for use as a functional orthodontic appliance during orthodontic treatment.

Product model specification:

According to specifications, lingual buckles are divided into bonded lingual buckles and welded lingual buckles.

Product structure composition: The lingual buckle is made of stainless steel material 06Cr19Ni10 (304), and its basic structure is composed of the lingual buckle body and the back sheet. Paste it on a certain part of the tongue side of the tooth to be corrected (bonding type), or spot weld it to a certain part of the tongue with a ring (welding type), and use elastic wire or rubber band for traction to achieve the purpose of correction. The mass fraction of the chemical composition of the tongue side buckle meets the requirements of GB/T1220-2007 "Stainless Steel Rod". (As shown in the figure below, the unit is %)

C	Si	Mn	P	S	Cr	Ni
≤0.08	≤1	≤2	≤0.045	≤0.03	18-20	8-11

The percentage mass fraction of other trace elements cadmium, beryllium, and lead in the product is not more than 0.02%, and the percentage mass fraction of nickel in the product is not more than 11%.

Product performance:

Physical properties:

The surface of the lingual buckle should be bright, free of stains, cracks, edges, defects, deformation, etc.; the bottom mesh of the adhesive lingual buckle should be clear, clean, and free of foreign matter; under normal conditions of use, the surface should not Discoloration or corrosion occurs; the surface roughness Ra value should be ≤0.8μm; the lingual buckle should have certain mechanical properties. The welded lingual buckle should be welded to the light belt ring, apply 20N force for 1 minute, and observe the lingual side with naked eyes There is no obvious deformation of the buckle; the adhesive lingual buckle is glued to the enamel surface, and 30N force is applied for 1 minute. There is no obvious deformation of the lingual buckle by naked eye observation.

Scope of application:

It is suitable for use as a functional orthodontic appliance during orthodontic treatment to correct torsion and tilt of teeth.

Instructions:

1. Clean the tooth surface and clean the product before use. The recommended cleaning method is: regular cleaning or rubbing with alcohol.

2. Use an enamel adhesive that conforms to the specification to bond this product (bonding type) to the corresponding tooth surface; this product (welding type) is welded to the side of the tongue with a ring by the doctor, or used directly The pre-welded band ring produced by the manufacturer.

3. Put the elastic wire or rubber band into the lingual buckle to achieve traction and achieve the purpose of correction.

Precautions:

1. Detoxify before using this product.
2. Routine cleaning or rubbing with alcohol, there will be no color or shape change after cleaning, and the correction effect will not be affected.
3. When using this product, please try not to eat hard food to prevent it from falling off.
4. The high temperature and heat sterilization conditions of conventional dental instruments will not affect the performance of the lingual buckle.

Logo：

This product is only used by doctors

This product can only be used once, not reusable.

Storage method: Store in a non-corrosive gas, ventilated environment.

Warranty period: The packaged lingual buckle has a warranty period of 3 years from the date of delivery, subject to the storage, transportation, storage and use rules. The production date and batch number are shown on the packaging label.

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Mark:

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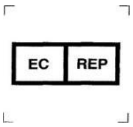

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