

# User Manual

Product Name: Orthodontic Metal Bracket

## Intended Use

Orthodontic bracket is applied to stomatology teeth correction. On clinical operation, fix the orthodontic bracket on surface of teeth, offer support force to correction of deformed tooth, and achieve the purpose of aligning tooth.

## Product Function:

Orthodontic treatment is a long and slow process, during this process, professional dentists are necessary for handling unrevealing tooth with a variety of methods as well as moving tooth to correct position. Professional dentists put various orthodontic forces on tooth through using orthodontic bracket buccal tube, band and any else orthodontic products, so that tooth could be moved to correct position, achieve purpose of aligning tooth.

## Product type specifications:

Powder metallurgy metal brackets are divided into Copolla, Ophro, Atua, ProMIM, ActMIM Five kinds of models, according to the technical parameters of powder metallurgy metal brackets are divided into Roth, McBeTr, Roth+, edgewise four kinds of specifications, the specific model specifications see the schedule.

## Main structure:

The powder metallurgy metal bracket is divided into ordinary metal brackets and metal self-locking brackets by type, and the powder metallurgy metal bracket is made of the raw materials of 05Cr17Ni4Cu4Nb stainless steel material according to GB/T 1220-2007 "stainless steel Bar", and the base plate material is made up of GB/T 1220-2007 "STAINLESS steel bar" for 06Cr19Ni10 stainless steel material made of raw materials. The powder metallurgy metal bracket consists of a base and a bottom plate (metal self-locking bracket containing shrapnel).

## Method of installment and application:

1. Before using, cleaning the tooth surface and underside of the bracket network
2. Before using, dentists should finish first-phase preparation work such as cleaning of teeth surface and bracket mesh base..etc., and sterilize this product.
3. Spread special orthodontic adhesive evenly on the teeth surface and bracket mesh base.
4. Put orthodontic bracket on the correct position of teeth surface; fix it after reaction of adhesive.
5. Each bracket just be for appointed teeth position, otherwise wouldn't get expected effect, even cause occlusal disorders.
6. If bracket drop during treatment, should use bracket from same manufacturer as complementary.
7. When orthodontic treatment finish, bracket should be removed under clinician guide, to avoid unnecessary damage.

## Method for opening and closing of a slide or shrapnel of a powder metallurgy self-locking bracket:

1. Metal self-locking bracket (slide) Open: Please use the special bracket to unlock the tool into the groove, rotating 90 degrees to bow wire free in and out slot hook.
2. Metal self-locking brackets (sliding) Closure: Please use special pliers or fingers along the brackets in the direction of the shaft tilt to push the slider to have a clear "pull" feel to complete the closing action.
3. Metal self-locking bracket (shrapnel) Open: Please use special bracket unlock tool to hook the tip of the end of the spring in the brackets along the shaft inclination direction to the jaw to SANLA, you can open, or with a special bracket unlock tool inserted into the groove of the shrapnel rotating open.

4. Metal self-locking bracket (shrapnel) Close: Please use your finger along the brackets in the direction of the shaft angle of light push the shrapnel can be closed.

**Precautions:**

1. This product is intended for use only by dentists after training.
2. The use of this product before the conventional cleaning or alcohol wipe, clean without any color and shape changes, does not affect the rectification effect.
3. Use this product please try not to eat more hard food, to prevent the powder metallurgy metal brackets off.
4. This product can only be used one-time, not reusable.



**Contraindications:**

1. Patients with periodontal disease need to be treated well before they can be used.
2. For stainless steel, nickel material allergy.
3. Other compliance orders.

**Preservation method:** In the Non-corrosive gas, ventilated environment to save.


**Period of Validity:** The packaged orthodontic metal brackets is used for 3 years from the date of shipment, Under the conditions of compliance with storage and use rules. The production date and production batch number can be found on the packaging label.

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**Mark:**



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