

**Slide attachments**

Activation, deactivation, repairs and regular servicing of attachments should only be carried out by trained personnel using original instruments and components.

Mechanically cleaning attachments with a toothbrush and toothpaste can cause premature wear and tear of the functional components.

With the publication of these instructions for use all previous editions are no longer valid.

The manufacturer refuses any liability for damages due to disregard of the instructions for use below.

**Slide attachments: general guidelines****Tooth preparation for extracoronary attachments**

No special requirements.

**Tooth preparation for intracoronary attachments**

In order to prevent overcontours on the artificial crown a box must be prepared in the abutment into which the female part of the slide attachment can be placed. For omega-shaped stabilizers a groove is sufficient, the position and axis of which must be matched to the position of the attachment. For good casting-on and diffusion the diameter of the groove and the box must be 0.6 mm larger than the female parts of the attachments involved. To obtain optimal casting-on results and sufficient stability of the connection, the wall thickness between abutment and female part must be at least 0.3 mm.

**Size**

If an attachment is available in different sizes, the largest possible one should be chosen.

**Operator removable and screw-retained constructions**

If no screw-retained attachments are used, the bridge may be fixed by a screw placed in the milled brace support. For screw-retentions on root canal post caps see chapter «Anchors» in the Dental documentation of Cendres+Métaux.

**Twin crowns**

With two blocked crowns in succession in the posterior region of a quadrant an articulated construction of the free-end dentures with attachments (see chapter «Slide attachments» in the Dental documentation of Cendres+Métaux) is recommended.

**Denture framework**

For bilateral insertion and free-end dentures cast transversal connections such as plates in the upper, sublingual connectors in the lower jaw are used. It is important that these constructions are absolutely rigid (no springiness).

**Transversal blocking**

Rigid unilateral dentures must be blocked transversally, generally with Cendres+Métaux attachments (see chapter «Slide attachments» in the Dental documentation of Cendres+Métaux).

**Dismantling of attachments**

Male and female parts of attachments must be separated and, if made of several components, dismantled before thermal treatments (casting-on, soldering, hardening and ceramic firing).

**Pickling**

Oxidation on soldered female parts made of Doral can be removed by pickling with warm 10 vol. % sulphuric acid (H<sub>2</sub>SO<sub>4</sub>).

**Note:** Do not pickle with nitric acid (HNO<sub>3</sub>), hydrochloric acid (HCl) nor Neacid. These acids can destroy the alloy. Alternatively, oxidation can also be removed by careful blasting (1.5 bar pressure) with glass beads.

Pickled parts slide better if they are placed in soap water (ultrasonic bath) after pickling.

**Fit-in**

After thermal treatment the parts may have a too strong friction and need to be re-adjusted. This is done by applying colloidal graphite to one of the degreased parts- here the male part- and drying with compressed air. The adjustment is done by repeated insertion and removal of the attachment parts. Then clean ultrasonically.

**Thread**

If desired, thread cutters and tap dies are available for specific attachments.

**Duplicating aids**

These red parts are slightly overdimensioned compared to the original parts. The result is an optimal gap for the resin-bonding technique.

**Disinfection**

**The product is delivered non-sterile.**

Every prosthetic construction must be cleaned and disinfected before every try-in or permanent fitting.

**Further information**

on processing precious metal alloys, soldering and casting-on are included in the Dental documentation of Cendres+Métaux and in the website [www.cmsa.ch/dental](http://www.cmsa.ch/dental).

**Allergies**

With patients having an existing allergy to one or several elements of the materials contained in any one attachment, this particular product must not be used. With patients suspected of having an allergy to one or several of these elements contained in any one attachment, this product can only be used after preliminary allergological testing and proof of a non-existing allergy. Please contact your Cendres+Métaux sales representative for further information.

**Directions for use**

For indication and instructions for use for the individual attachments refer to the Dental documentation of Cendres+Métaux.

(Available at all Subsidiaries, Sales Offices and Agents of Cendres+Métaux)

**Important: This attachment is part of a comprehensive conception and may only be used or be combined with the corresponding original components and instruments. If this is not the case, any responsibility by the manufacturer will be refused. In case of complaints the lot number must always be specified.**

**Markings on the packaging / Symbols**

Manufacturer



Catalogue number



Batch code



Quantity



Consult instructions for use

Rx only

Caution: US Federal law restricts this device to sale by or on the order of a licensed (healthcare) practitioner.



Cendres+Métaux products with CE labelling meet the requirements of the relevant European requirements.



Do not re-use



Non-sterile



Keep away from sunlight



Caution, consult accompanying documents