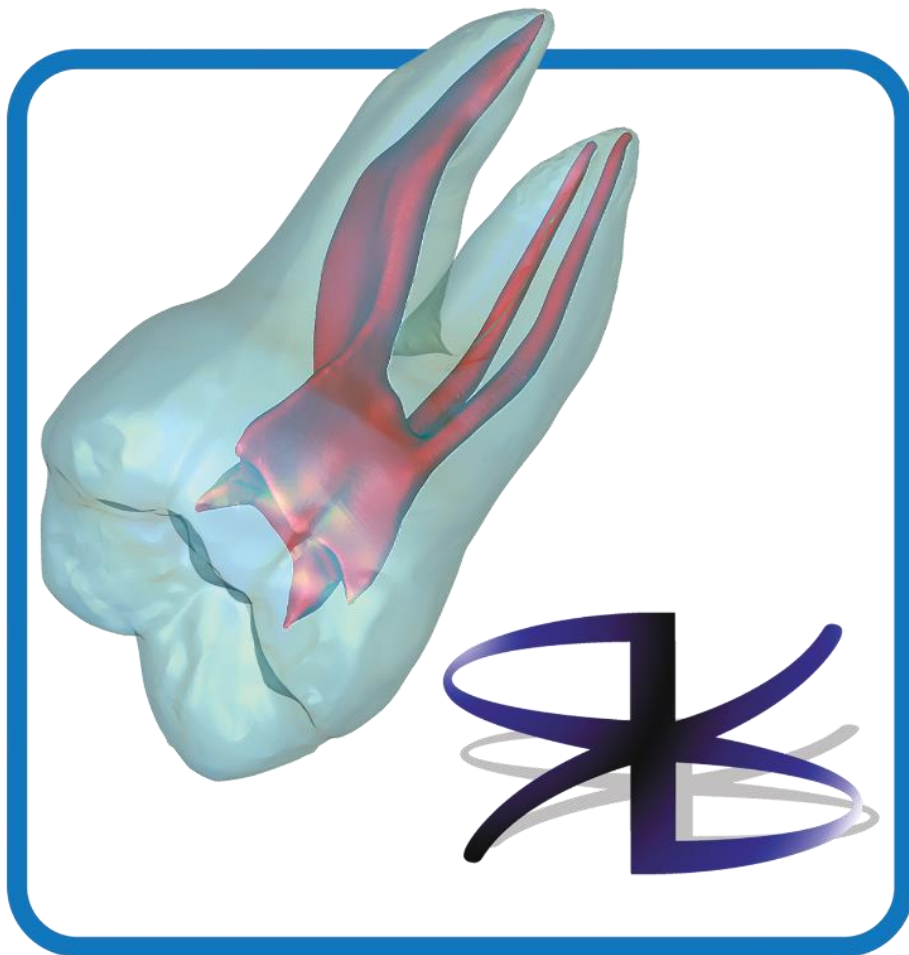


DRSK JAW



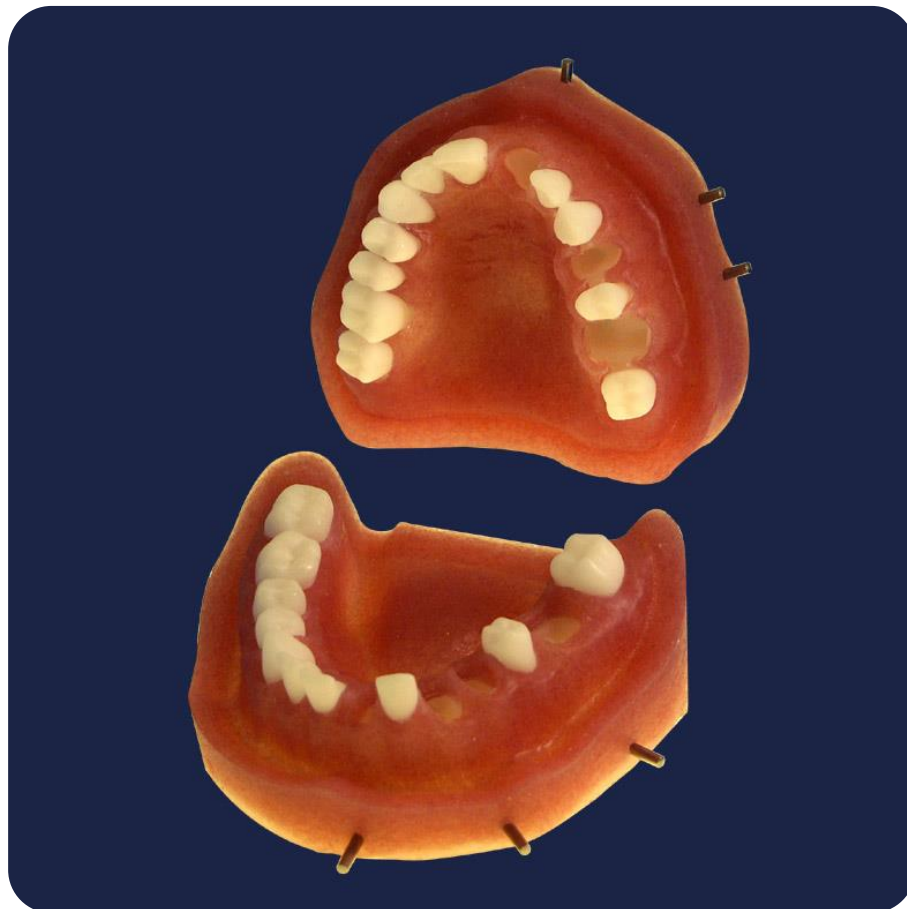
Summary

DRSK Jaw™ is a jaw model which can be used as a holder for DRSK tooth models. This jaw model contains built-in slots which receive DRSK tooth models wrapped in sleeves.

A full set of DRSK Jaw is comprised of upper and lower jaws. The jaws emulate the anatomical topography of their real counterparts. Each jaw consists of simulated bone and gum, artificial teeth and slots for placing DRSK tooth model.

DRSK tooth models are inserted into sleeves which hold them fixed inside the provided slot in the jaw model. After each use, the tooth model can be removed together with its sleeve, taken out of the sleeve and then replaced by a new tooth model for a new practice.

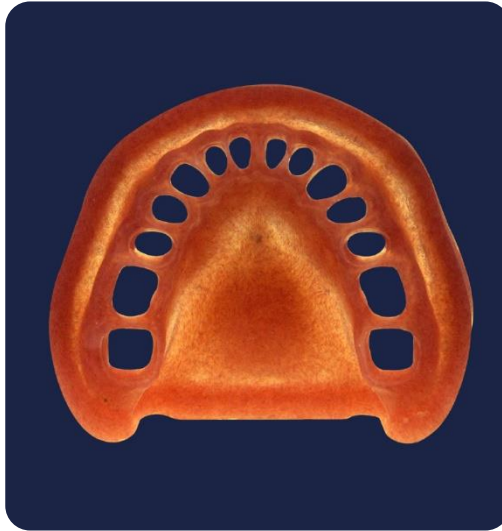
DRSK Jaw is designed and manufactured in Sweden.



Components

Each DRSK Jaw is made up of three components Which are replaceable:

- Body of the jaw with fixed artificial teeth and slots
- Removable tooth blocks
- Artificial gum



Warning: Fixed artificial teeth along with removable tooth blocks in DRSK Jaw are only for establishing a dental arch and not meant for practicing any kind of dental treatment. Only the tooth model which has a subtle passive movement that is located in quadrant two and three should be used for practicing.

Note: For optimal usage of the gum, it is recommended that all the replaceable sleeves and removable tooth blocks be detached from the jaw prior to installing or replacing the gum. For instructions on how to replace the gum, refer to the section 'Replacing the artificial gum' in this catalogue.



Features

DRSK Jaw allows enhanced simulations of dental treatments because it:

- Keeps the tooth model stable and immobile within a dental arch during practice.
- Permits the practitioner to work on the teeth placed in a position similar to those of natural teeth in the oral cavity.
- Allows replacement of used tooth models.
- Allows placement of rubber dam, without the tooth model being pushed out during the procedure.
- Accommodates various DRSK tooth models and therefore can be used for practicing different dental procedures (root canal therapy, extraction, restorative treatments).

DRSK Jaw is designed to receive the following DRSK tooth models:

- DRSK RCT
- DRSK Extraction
- DRSK Restorative

The DRSK tooth models which can be placed in the upper and lower jaws:

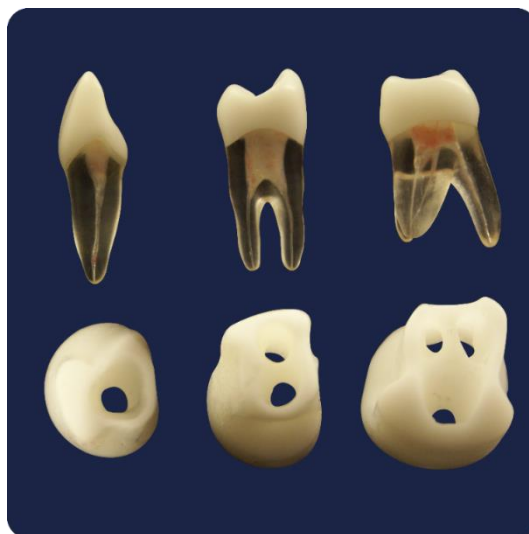
- Central incisor
- First premolar
- First molar

The DRSK tooth model which can be placed only in the lower jaw:

- Canine

Phantom head compatibility

DRSK Jaw is compatible with commonly-used phantom heads. It can as well be customized and made compatible with any other phantom head. To do so, the information regarding the type of used phantom head needs to be communicated when ordering the jaw model.



Sleeve

The sleeves are used for attaching DRSK tooth models to DRSK Jaw. Each sleeve is designed for its corresponding DRSK tooth and does not match the others. All sleeves have one space and receive only one tooth model. The only exception is the sleeve for mandibular canine and mandibular first premolar, which has two spaces and receives both models.

Sleeves are produced in two forms:

- Fit Sleeves: These sleeves feature inner spaces which are almost similar to dental sockets. These spaces match the external anatomy of roots of DRSK teeth for a better stability. They can only be used with DRSK tooth models.
- Loose Sleeves: The inner spaces of these sleeve are not formed. In addition to DRSK teeth, they can host other tooth models, as well as extracted teeth.

Sleeved tooth: Certain DRSK tooth models are produced together with their sleeves in one piece. Those models are referred to as 'sleeved tooth'.



Pin

The pin is used to fasten sleeve, sleeved tooth, or removable tooth blocks to DRSK Jaw.

Pins are available in two forms:

- Standard: Radiolucent.
- Optional: Radiopaque and electrically conductive.

Warning: The standard pins are fragile, and it is suggested that an acceptable amount of pressure be applied while inserting/removing them from the jaw.

DRSK Jaw Segment

DRSK Jaw Segment is an alternative holder for DRSK tooth models. It consists of two teeth on each side of an opening which hosts a sleeve carrying the tooth model. As with DRSK Jaw, a pin fastens the sleeve to the jaw segment. To place DRSK tooth into the jaw segment and remove it, the same instructions provided in the section 'instructions for use' for DRSK Jaw apply. DRSK Jaw Segment can be ordered in transparent or white material and is available for various parts of the dental arch.



Stopper Sleeve (only for using DRSK RCT)

The stopper sleeve has a closure at its base. Practicing apex locator on DRSK RCT requires using a stopper sleeve in DRSK Jaw or DRSK Jaw Segment.

This sleeve has a closed space under the apex of the tooth model, which can be filled by a commercially standard conductive liquid material such as gel. The conductive gel is injected into the closed space through a hole on the buccal side of the sleeve or alternatively through the holes at the bottom end of the socket-shaped space.

For using an apex locator, optional pin must be used. When this pin is inserted into the corresponding hole, a small part of the pin sticks out. The device should then be linked to the extruded part of the pin. After each session, the pin has to be cleaned and completely dried.

Ordering

- Minimum order quantity is one 'DRSK Jaw complete set'.
- Upper and lower DRSK Jaws can be ordered individually or together as a set.
- All listed accessories and spare parts of the jaw can be ordered individually.
- For placing an order, contact: sales@drsk.com.

Instructions for use

(for sleeved tooth models refer to the section 'Instructions for using DRSK sleeved tooth models' in this catalogue)

To place DRSK tooth models inside DRSK Jaw

- Select the corresponding sleeve.
- Select the respective DRSK tooth model.
- Try the tooth inside the sleeve to make sure they match.
- Prepare the adhesive material of your choice and apply it to the inside surface of the sleeve, or the root of DRSK tooth model, or both. Make sure that the apex of the tooth model is not coated with glue.
- Insert the DRSK tooth model into the top opening of the sleeve in correct orientation and press down on it until the tooth sits in its final position.
- Wait for adhesive to completely set. Gently remove the excess of glue. Make sure the tooth and the sleeve are firmly attached together as one piece.
- Push the sleeve through the corresponding slot opening at the base of the jaw until it sits snugly in place.
- Drive the pin in to secure the sleeve inside the jaw (for placing the pin correctly refer to the section 'Replacing the pin').

To remove DRSK tooth models from DRSK Jaw

- Drive the pin out to release the sleeve from the jaw model (for removing the pin correctly refer to the section 'Replacing the pin').
- Press down on the crown of the tooth. The tooth and the sleeve will come out in one piece.
- Detach the tooth from the sleeve by following the correct procedure for the applied adhesive material.

Note: After placing tooth models in the corresponding sleeve and inserting the sleeves in the jaw, the gum between the teeth might have stuck out. In this case press lightly with a blunt tool on the gum between the teeth. This will position the artificial gum in its right place in the interdental area.

Tips on how to attach and replace the tooth models

- To attach DRSK tooth to the sleeve, suggested glue from DRSK is recommended.
- To detach the tooth from the sleeve:
 - Place the sleeve and tooth model in hot water with a temperature of up to 70°C for approximately 3 to 4 minutes,
 - (or)
 - Place the sleeve and tooth model in an oven pre-heated to approximately 70°C; leave them there for about 30 seconds.
- The tooth model then can be removed by careful use of extraction forceps.

Warning:

- Make sure that the applied temperature does not exceed 70°C. Also, models must not be heated longer than 45 seconds.
- Do not twist the tooth when removing them; this can break the roots.

Instructions for using DRSK sleeved models

DRSK sleeved models include DRSK Extraction models and some DRKS Restorative models. These models come as already attached to their sleeves.

To place the sleeved tooth model into DRSK Jaw

- Select the DRSK sleeved tooth model.
- Push it through the corresponding opening at the base of the jaw unit it sits snugly in place.
- Drive the pin in to secure the sleeved tooth inside the jaw (for placing the pin correctly refer to the section 'Replacing the pin').
- Now the sleeved tooth must be secure inside DRSK Jaw.

To remove the sleeved tooth model from DRSK Jaw

- Detach the jaw model from the phantom head.
- Drive the pin out to release the sleeved tooth from the jaw model (for removing the pin correctly refer to the section 'Replacing the pin').
- Press down on the crown of the tooth. The sleeved tooth will come out.

Instructions for replacing the removable components

Replacing tooth blocks

To remove the tooth block from DRSK Jaw

- Detach the jaw model from the phantom head.
- Drive the pin out to release the tooth block from the jaw model (for removing the pin correctly refer to the section 'Replacing the pin').
- Press down on the crown of the tooth. The tooth block will come out.

To install a new tooth block into DRSK Jaw

- Select the replacing tooth block.
- Push it through the corresponding opening at the base of the jaw unit it sits snugly in place.
- Drive the pin in to secure the tooth block inside the jaw (for placing the pin correctly refer to the section 'Replacing the pin').
- Now the tooth block must be secure inside DRSK Jaw.

Replacing the artificial gum

To detach the gum

- Remove all the replaceable DRSK tooth models from the jaw according to the earlier instructions.
- Take one edge of the gum and gently push it away from the jaw until it is fully removed.

To install the gum

- It is recommended that the jaw is free of all replaceable DRSK tooth models.
- Pull the gum gently over the jaw. Make sure that it completely fits.

- Install replaceable DRSK tooth models back into the jaw according to the earlier instructions.

Note: It is possible to stretch the interproximal part of gum during installation and detachment. This feature can protect the gum from being torn.

Replacing the pin

To place the pin

- Press the pin by a pincet from outside towards the inside of the sleeve/jaw.
- Drive the pin through the small hole on the buccal side of the jaw, next to where the sleeve is placed. It has to be pushed in until its end is flush with the jaw surface.
- For sleeve 31 the pin has to go all the way in until a small portion of it sticks out.

To remove the pin

- Press the pin by a pincet from inside towards the outside of the sleeve/jaw.
- Pull the pin out of the jaw model.

Warning: The standard pins are fragile, and it is suggested that an acceptable amount of pressure be applied while inserting/removing them from the jaw. In case of a broken pin fragment inside the small hole on the buccal side of the jaw, use a condenser (1.5mm) to press it from inside towards the outside of the sleeve/jaw.

Safety precautions

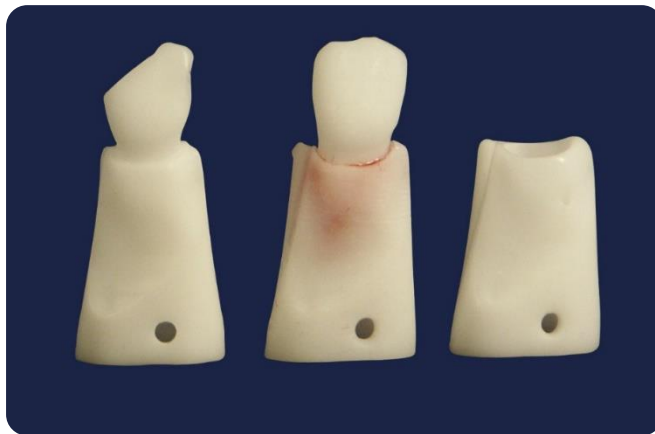
When working on DRSK models, always observe these points:

- Throughout the practice you **MUST**:
 - Wear eye protection.
 - Put on a mask.
 - Have gloves on.



- Practicing on DRSK models has to be done in places where safety standards are maintained.
- People with a history of allergy (namely, allergy to resins) need to consult with their physicians and follow their suggested precautions.
- Keep the models out of reach of children and pets.
- Models are recommended to be used only for the purposes indicated in DRSK catalogues.
- Tools and equipment have to be used on DRSK models with the same precautions required when working in a clinical set-up.
- Always use clean and non-infected tools on DRSK models.
- DRSK models and their accessories have to be disposed of in a proper way according to local rules and regulations.

The material used in DRSK models is proved as non-cancerogenic.



Jaw model

DRSK Maxilla

Article Code

Color

MAX-ST1-W

Gum: Light red, Bone: White



Maxillary jaw includes:
 5 slots for sleeves
 9 fixed teeth
 2 removable tooth blocks
 3 Sleeves
 1 removable artificial gum
 5 pins

DRSK Mandible

Article Code

Color

MAN-ST1-W

Gum: Light red, Bone: White



Mandibular jaw includes:
 5 slots for sleeves
 7 fixed teeth
 2 removable tooth blocks
 3 Sleeves
 1 removable artificial gum
 5 pins

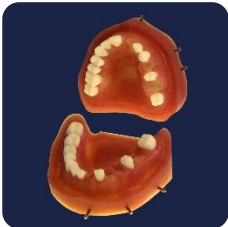
DRSK Jaw complete set

Article Code

Color

J-ST1-W

Gum: Light red, Bone: White



DRSK Maxilla
 DRSK Mandible

Jaw model accessories and spares

Maxillary fit sleeves



Sleeve with a dental socket-shaped space

Article Code	Compatible tooth	Jaw Slot
SLV-21-1A1	DRSK maxillary central incisor	21
SLV-24-101	DRSK maxillary first premolar	24
SLV-26-X01	DRSK maxillary first molar	26

Function: Placing DRSK RCT and DRSK Restorative inside DRSK Jaw

Mandibular fit sleeves



Sleeve with a dental socket-shaped space

Article Code	Compatible tooth	Jaw Slot
SLV-31-101	DRSK mandibular central incisor	31
SLV-33,4-101	DRSK mandibular canine, premolar	33,4
SLV-36-101	DRSK mandibular first molar	36

Function: Placing DRSK RCT and DRSK Restorative inside DRSK Jaw

Maxillary tooth blocks



Tooth wrapped in a sleeve

Article Code	Wrapped tooth	Jaw Slot
SLV-14-T	DRSK maxillary first premolar	14
SLV-16-T	DRSK maxillary first molar	16

Suggested for: Maintaining dental arch

Mandibular tooth blocks



Tooth wrapped in a sleeve

Article Code	Wrapped tooth	Jaw Slot
SLV-43,4-T	DRSK mandibular canine, premolar	43,4
SLV-46-T	DRSK mandibular first molar	46

Suggested for: Maintaining dental arch

Jaw model accessories and spares

Maxillary loose sleeves



Sleeve with an unformed hollow space

Article Code	Compatible tooth	Jaw Slot
SLV-21-L	DRSK maxillary central incisor	21
SLV-24-L	DRSK maxillary first premolar	24
SLV-26-L	DRSK maxillary first molar	26

Suggested for: Placing extracted teeth and other brands of tooth models inside DRSK Jaw

Mandibular loose sleeves



Sleeve with an unformed hollow space

Article Code	Compatible tooth	Jaw Slot
SLV-31-L	DRSK mandibular central incisor	31
SLV-33,4-L	DRSK mandibular canine, premolar	33,4
SLV-36-L	DRSK mandibular first molar	36

Suggested for: Placing extracted teeth and other brands of tooth models inside DRSK Jaw

Maxillary stopper sleeves

Sleeve with a dental socket-shaped space and closed base

Article Code	Compatible tooth	Jaw Slot
SLV-21-S	DRSK maxillary central incisor	21
SLV-24-S	DRSK maxillary first premolar	24
SLV-26-S	DRSK maxillary first molar	26

Suggested for: Locating apex by apex locator on DRSK RCT tooth models

Mandibular stopper sleeves

Sleeve with a dental socket-shaped space and closed base

Article Code	Compatible tooth	Jaw Slot
SLV-31-S	DRSK mandibular central incisor	31
SLV-33,4-S	DRSK mandibular canine, premolar	33,4
SLV-36-S	DRSK mandibular first molar	36

Suggested for: Locating apex by apex locator on DRSK RCT tooth models

Jaw model accessories and spares

Maxillary periapical lesion tooth block



Tooth block featuring periapical lesion

Article Code	Color	Jaw Slot
SLV-21-01-CAL	Transparent	21
SLV-24-01-CAL	Transparent	24
SLV-26-01-CAL	Transparent	26

Suggested for: Practicing endodontic microsurgery

Maxillary periapical lesion tooth block

Tooth block featuring periapical lesion

Article Code	Color	Jaw Slot
SLV-21-01-WAL	White	21
SLV-24-01-WAL	White	24
SLV-26-01-WAL	White	26

Suggested for: Practicing endodontic microsurgery

Gum for DRSK Jaw



Replaceable silicone gums

Article Code	Compatible Jaw	Color
MAX-G-ST1	DRSK Maxilla	Light red
MAN-G-ST1	DRSK Mandible	Light red

Pin

Article Code	Material	Length
PIN-ST1	Plastic	16 mm
PIN-OP1	Stainless Steel	20 mm

DRSK Jaw segments

DRSK Jaw Segment 24

Article Code	Compatible Sleeve	Color
SEG-24-C	SLV-24-XXX	Transparent



Slot for the sleeve: SLV-24
Teeth: 23 and 25
Color: Transparent

Suggested for: Practicing on DRSK RCT and DRSK Restorative tooth models

DRSK Jaw Segment 26

Article Code	Compatible Sleeve	Color
SEG-26-C	SLV-26-XXX	Transparent



Slot for the sleeve: SLV-26
Teeth: 25 and 27
Color: Transparent

Suggested for: Practicing on DRSK RCT and DRSK Restorative tooth models

DRSK Jaw Segment 33, 34

Article Code	Compatible Sleeve	Color
SEG-33,4-C	SLV-33,4-XXX	Transparent



Slot for the sleeve: SLV-33,4
Teeth: 32 and 35
Color: Transparent

Suggested for: Practicing on DRSK RCT and DRSK Restorative tooth models

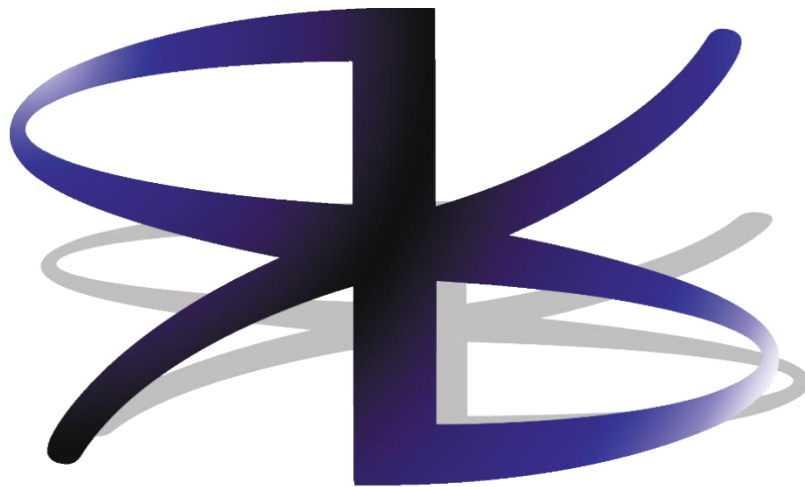
DRSK Jaw Segment 36

Article Code	Compatible Sleeve	Color
SEG-36-C	SLV-36-XXX	Transparent



Slot for the sleeve: SLV-36
Teeth: 35 and 37
Color: Transparent

Suggested for: Practicing on DRSK RCT and DRSK Restorative tooth models



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