

- **CHARACTERISTIC OF STAINLESS STEEL**

SHIODA-TASK instruments are basically made from the martensitic stainless steel. It is the most suitable material known from the dental instruments because the proper hardness, strength, and toughness can be realized by heat treatment. The stainless steel is a kind of metal alloy that forms on surface stable film effective is damaged. Please care the instruments as following procedures to use for a long term.

- **USUAL CARE**

Lubricate periodically on all instruments with hinges, locks and the other moving parts such as forceps, pliers, scissors and needle-holders. Sharpness of blades decreases by wear-out or damage. When the sharpness becomes dull, ask us re-sharpening or reconditioning without delay.

- **CARE AFTER USE**

- ① Check if the instrument is in good condition to use it again.
- ② Flush blood, fat or protein from the surface before it dries.
- ③ Cleaning agent in which rust prevention is effective is recommended. Use it according to directions of the manufacturer.
- ④ Water temperature from 40°C to 60°C (104°F to 140°F) is the most effective in the ultrasonic cleaner. Place instruments in open position in a way that they do not touch each other on a tray in order to avoid insufficient cleaning.
- ⑤ Pliers with blades such as cutters should avoid ultrasonic cleaning. The blades can be damaged due to vibration.

Sterilization : Removal of microorganism for asepsis infection : Making power of harmful microorganism

Concise processing – Boiling disinfection / Filtration - Chemical processing – Disinfectant (chemical solution)

① Dry the instruments completely after sterilization. Oiling at the joint is recommended for the instruments with moving parts such as forceps, pliers, and needle-holders.

※ Glutaral is recommended to use. Do not use the following solution. Sodium hypochlorite, Benzalkonium chloride, Benzathonium chloride, Povidone-Iodine, Phenol, Formaldehyde, Chlorhexidine Gluconate, Functional Water (super-acid water, oxidation water), Household detergent

Concise processing – Autoclave

Chemical processing – EOG (ethylene oxide gas)

- ① Recommended the sterilization by autoclave or by EOG.
- ② Use the autoclave below temperature of 132°C (269.6°F) in dry room.
- ③ Do not use the high pressure steam sterilization with the medicine made of alcoholic content.
- ④ Keep the instruments dry.