06 Lab Side

Connect denture and retainer cap

- Create hole inside fabricated denture for setting of retainer cap
- Connect in working model, and check interference to retainer cap
- Apply resin around cap and remove after hardening
- Check fixation of retainer cap inside denture and remove excessive resin

07

Connect final prosthesis

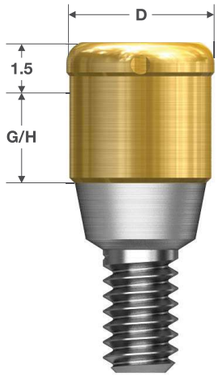
- Check delivered prosthesis from the lab
- Connect in mouth, and check occlusion and shape
- Connect new o-ring, and set denture in mouth

LOCATOR

ABT. 15

164 Abutment Level Impression

Locator
Abutment

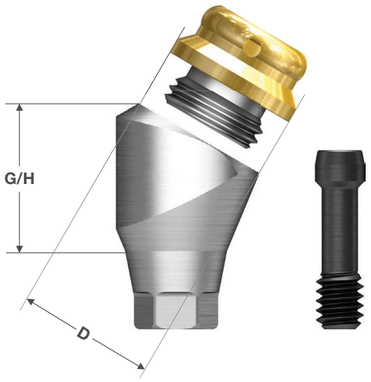


Feature

Locator Abutment

- **Overdenture**
- **Stud type overdenture (Not recommended : path error larger than 40° / implant supported overdenture)**
- **Abutment level impression**
- Compensate fixture angle up to 40° (Based on 2 fixtures)
- Fabricate functional overdenture with a few implants placed
- Various attachment with stable retention
- Excellent durability and 1.5mm of low vertical height
- Esthetic effect with gold coloring
- Material : Ti-6Al-4V
- Connect using exclusive outer driver (code : TWLDLK / TWLDLSK)
- Recommended tightening torque : mini / regular 30Ncm

D	Ø 3.7 mm
G/H	1.0 / 2.0 / 3.0 / 4.0 / 5.0 mm

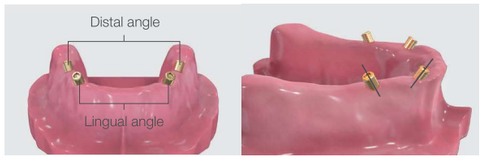


Port Angled Abutment

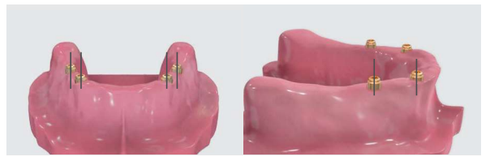
- **Case that needs path compensation in overdenture**
- Compensate fixture angle up to 60° (Based on 2 fixtures)
- Connect abutment using 1.2 hex torque driver
- Connect head area using exclusive outer driver (code : TWLDLK / TWLDLSK)
- Recommended tightening torque: mini 20Ncm / regular 30Ncm (Head area 20Ncm)

D	Ø 4.6 mm
G/H	4.0 / 5.0 mm

Fixture : examples of different placement angle

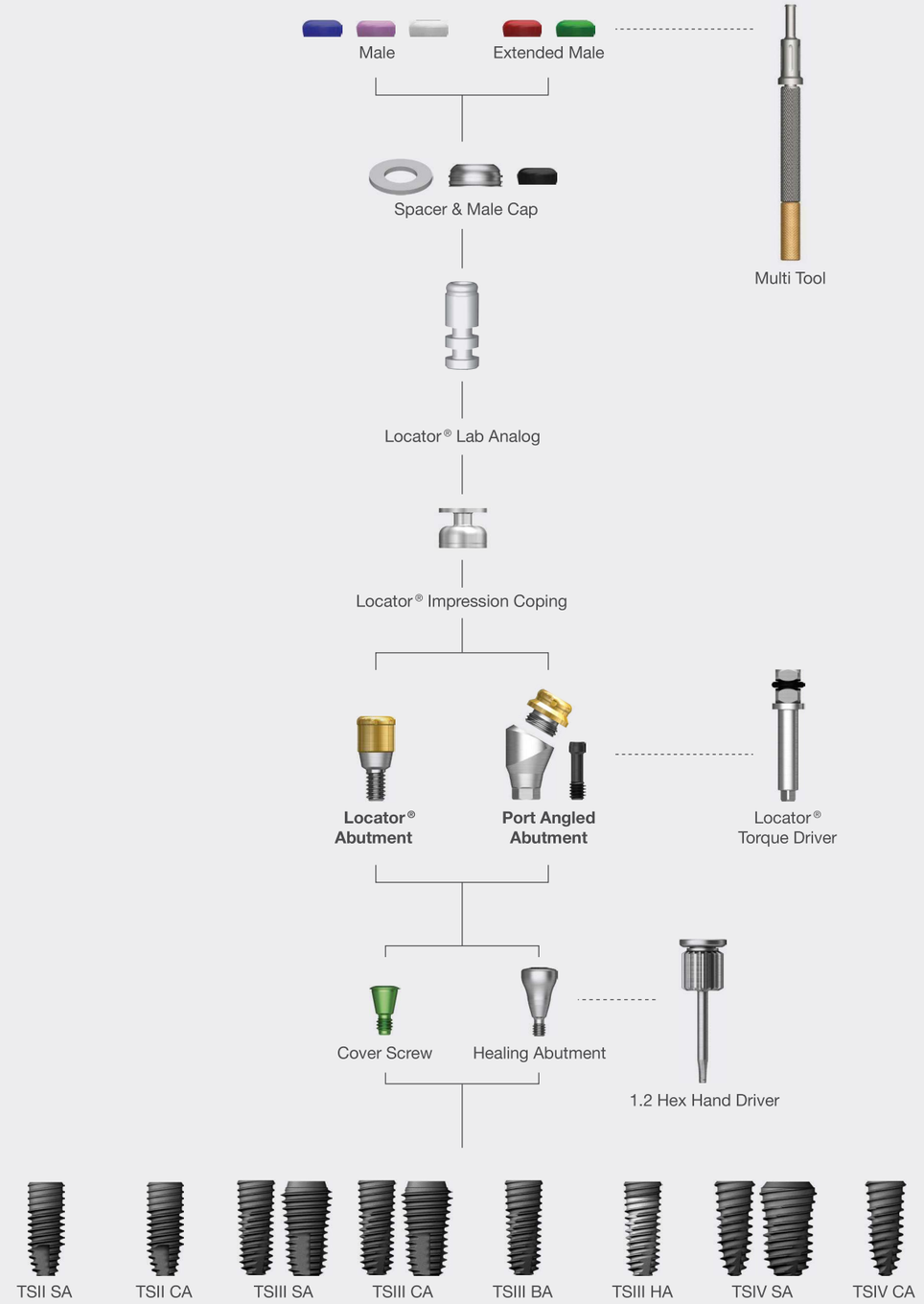


Due to angle of placed fixture, passive removal of denture is not possible



Fixture angled is resolved and passive removal of denture is possible

Prosthetic Flow Diagram



Prosthetic Process

Abutment Level Impression

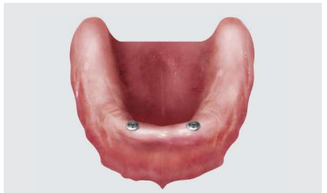
01 **Lab Side**

Remove healing abutment

· Fabricate diagnostic model using preliminary impression

· Fabricate individual tray from diagnostic model

· Remove healing abutment using 1.2 hex hand driver by hand



1.2 Hex Hand Driver

Short Long

02

Abutment selection

· Select abutment specification by oral condition and final prosthesis

· Use specification that matches gingiva height or 1mm higher, considering space for denture cap connection

· Connect using exclusive locator driver (30Ncm)

· Check right connection with x-ray

Locator Abutment

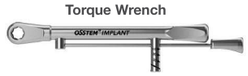
Ø 3.7

Mini Regular

O-ring Driver

Ø 4.0

Torque Wrench



03

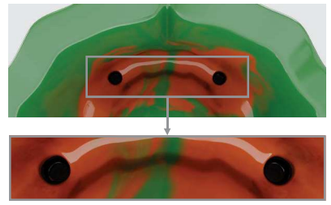
Impression

· Impression coping connection

· Denture impression taking in normal way using pre-fabricated individual tray

· Direct impression taking by injecting impression material around abutment

· Connect lab analog to impression body



· Fabricate working model in normal way by pouring stone inside the impression body

Locator® Impression Coping

Locator® Lab Analog

04 **Lab Side**

Denture cap connection

· Place block out spacer and set denture cap

· Check if block out is appropriate

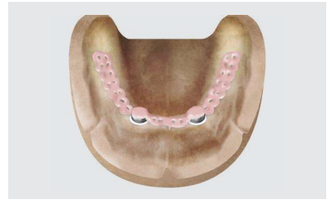
Denture Cap **Block out Spacer**

Male

05 **Lab Side**

Denture fabrication

· Denture fabrication in normal way by wax denture, curing, polishing



06

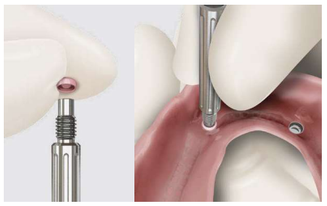
Connect final prosthesis

· Check delivered prosthesis from the lab

· Connect inside mouth, and check occlusion and shape

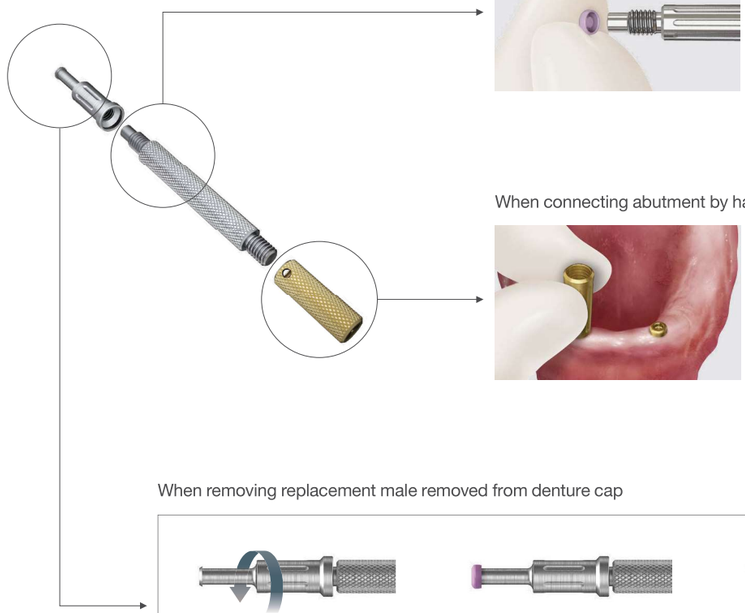
· Remove black processing male (For lab) with core tool

· Connect replacement male and set denture in mouth

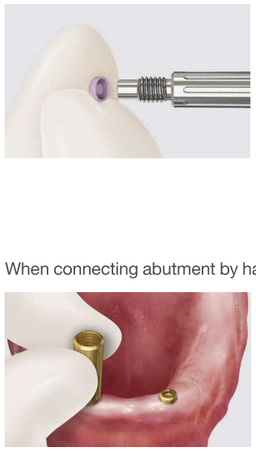


※ Locator core tool instruction

When inserting replacement male removed from denture cap



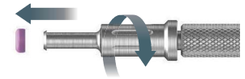
When connecting abutment by hand



When removing replacement male removed from denture cap

1. Loosen in reverse direction until gap of connecting area is shown

2. Remove male inside denture cap by pushing



3. Rotate and tighten until male is removed

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