

F.M Hinge attachment의 使用法

編輯者 著

Utilization of the F.M. Hinge attachment

1. 형태, 구조, 크기(MORPHOLOGY, NOMENCLATURE, SIZE)

female Hinge <Fig. 1a>
 male element <Fig. 2b>
 anchorage() <Fig. 2c>
 . <Fig. A1>

element cavity
 saddle 가
 . 흥
 plan notch <Fig. 3>

F.M.
 female central casing

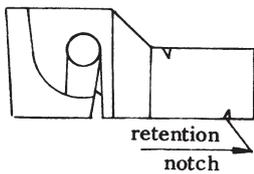


Fig 1a. view of the inserted hinge

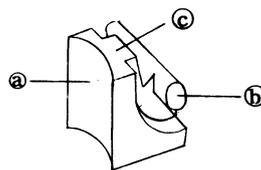


Fig 2. Male part

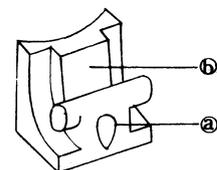
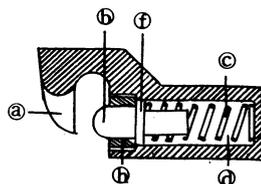


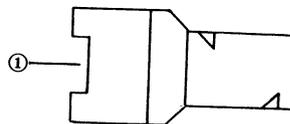
Fig 3. Distal surface of the male part

Fig 4.



sectional view of the female part

Fig A1.



<Fig. 3a>

female cylindrical pin
 female element<Fig. 4>
 pawl <Fig. 4a> pawl
 male portion notch
 alveolar process
 guide (static phase)
 mechanism controll() friction
 pin <Fig. 4b> (sprig)
 <Fig. 4c> cylindrical
 pin pawl
 <Fig. 4b>,<Fig. 5b> ring
 screw가 <Fig. 4h>,<Fig. 5h> 가
 slots가 <Fig. 5a> double symmetrical

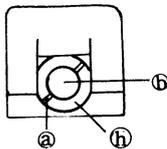


Fig 5. Frontal surface view of the female element

female 6 acrylic material
 retention() notch가 <Fig. 1a> spring
 <Fig. 4c> spring 가
 cavity cylindrical
 pin
 • Maximum height : 4.5 mm
 • Maximum length : 9.5mm

2. VARIETIES(종류)

F. M. Hinge attachment material
 ~ special platinum-gold alloy(가)
 ~ special palladium alloy()
 ~ antimagnetic stainless steel()

3. THEORETICAL BASIS OF FUNCTIONING(기능의 이론적 원칙)

F. M. Hinge active F. M. Hinge Junction closures rigid anchorage 가 male portion transversal axis active rotation movement F. M. Hinge free end saddle part가 2~3mm anchorages pillar base 가 F. M. Hinge papilla() 가 pillar tooth 가

saddle 가

(7)

7

metallic spur

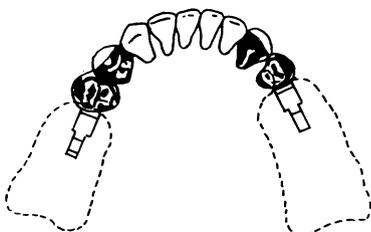


Fig 6. Diagram of the clinical indications

4. CLINICAL INDICATION (임상적인 사항)

, F. M. Hinge
가

. 2~3 가
<Fig. 6>

가
F. M. Hinge

truss F. M. Hinge bridge
rigid junction

saddle prosthesis

bridge

5. CLINICAL PROCEDURE (임상과정)

Pillar

(
pressed crown, cast crowns, Veneer crown,
Richmond)가 가

cuspidal relation

(,)

6. ODONTOTECHNICAL PROCEDURE

1) Model

2) welding()
Mmodel

3) F. M. Hinge
element male plane surface
hinge

wax 가 adhesive
<Fig. 7>

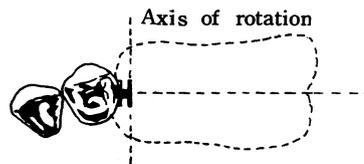


Fig 7. Diagram of the position and orientation of the male hinge element

dripping

(

related surfaces)
 wax 가 adhesive
 4) female element
 가

c) Tempering
 tempering
 가
 industrial salts
 가
 furnace

hinge體
 5)
 wax prosthesis model
 female element

MOCRO F. M. HINGE

6) muffle furnace wedged,
 refinishing, polish

가
 standard
 F. M. Hinge bridge truss
 rigid junction()
 free saddle
 가

IMPORTANT ANNOTATIONS

a) 회전축과 보철물의 회전체 표면을 재
 다듬질과 연마를 해야할 필요는 없다.
 이유인즉 장치물의 기능에 대해서 불
 필요한 변형을 방지하기 위해서다.

METAL CASING<금속덮개>

- Hinge movement 가
 fovea male element
- 가 female
 element

odontotechnical
 hinge
 male female 가
 standard micro
 hinge 가

b) 탄성장치의 교체
 screw drier

METALLURGICAL VARIETIES

- antimagnetic stainless steel
- platinum/gold
- palladium alloy

standard hinge

- ANCORVIS ATTACHMENT MANUAL 中 -

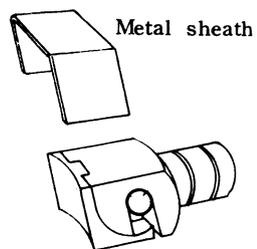


Fig 1.