

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	male	F.M.	element	cavity
Hinge	<Fig. 1a>			saddle 가
male element			<Fig. 2b>	흥
anchorage ()	<Fig. 2c>	<Fig. 2>		plan notch
	<Fig. A1>		female	central casing
				<Fig. 3>

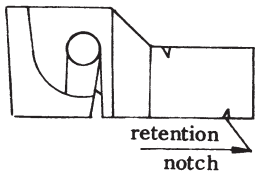


Fig 1a. view of the inserted hinge

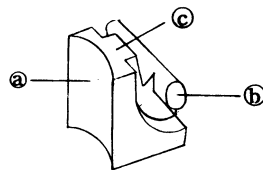


Fig 2. Male part

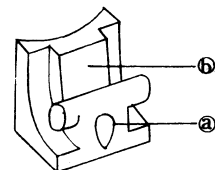
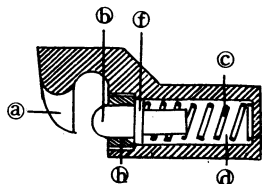


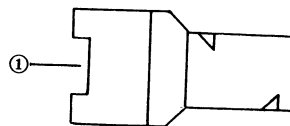
Fig 3. Distal surface of the male part

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

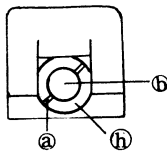


Fig 5. Frontal surface view of the female element

female 6
 acrylic material
 retention() notch가 <Fig. 1a>
 spring <Fig. 4c> spring
 가
 cavity
 pin cylindrical
 • 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
 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
 가 pillar tooth 가

saddle 가

(7)

7

metallic spur

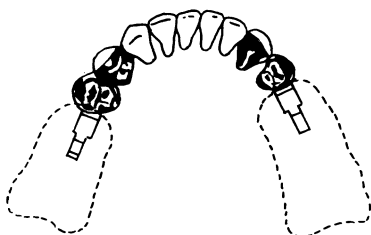


Fig 6. Diagram of the clinical indications

4. CLINICAL INDICATION (임상적인 사항)

가 , F. M. Hinge

. 2~3 가
<Fig. 6>

F. M. Hinge

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>

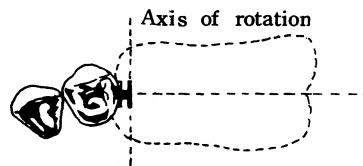


Fig 7. Diagram of the position and orientation of the male hinge element

dripping

(

related surfaces)

adhesive

wax 가

4)

female element

가

hinge體

5)

wax prosthesis

model

female element

6) muffle furnace

wedged,

refinishing, polish

IMPORTANT ANNOTATIONS

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

-

- Hinge movement 가

fovea male element

- 가

element

female

b) 탄성장치의 교체

screw drier

c) Tempering

tempering

가

가

industrial salts

가

furnace

MOCRO F. M. HINGE

가

standard

F. M. Hinge

bridge truss

rigid junction(

)

free saddle

가

METAL CASING<금속덮개>

odontotechnical

hinge

male female

가

standard

micro

hinge

가

METALLURGICAL VARIETIES

- antimagnetic stainless steel
- platinum/gold
- palladium alloy

standard hinge

- ANCORVIS ATTACHMENT MANUAL 中 -

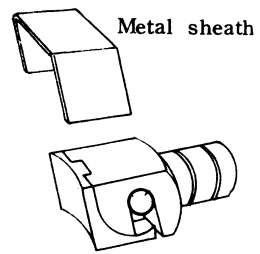


Fig 1.