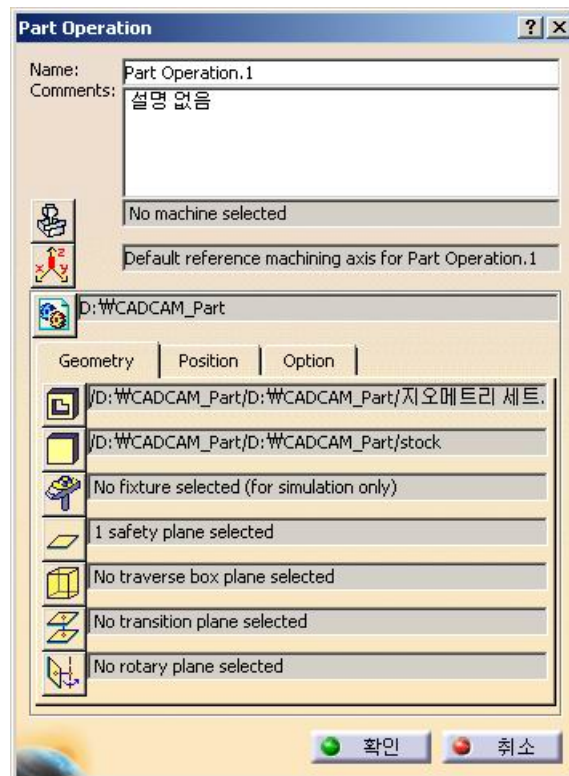


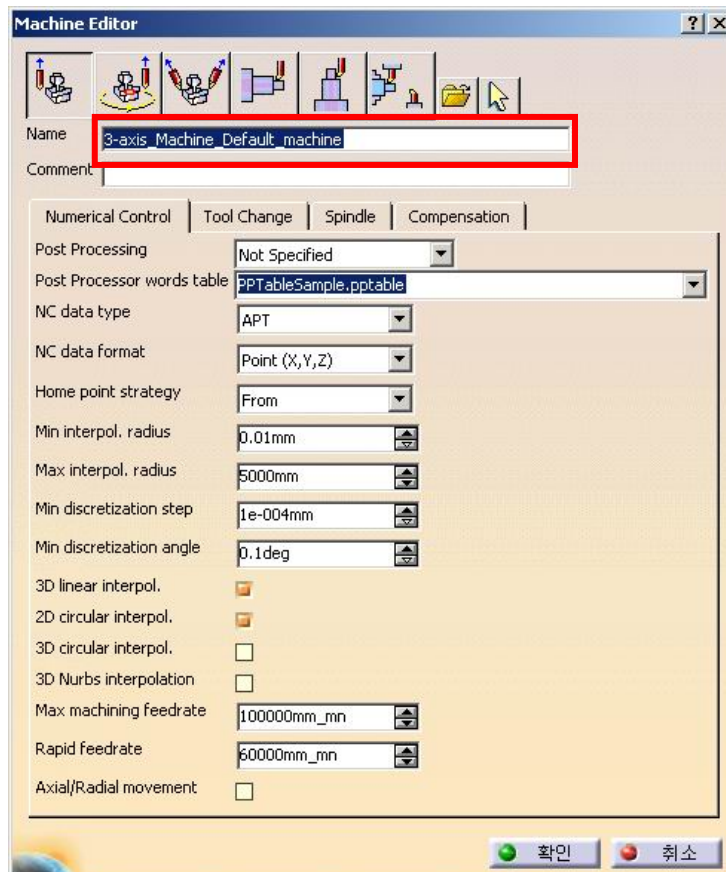
■ Setting Parameters for CATIA NC Manufacturing Solution

1. Prismatic Machining

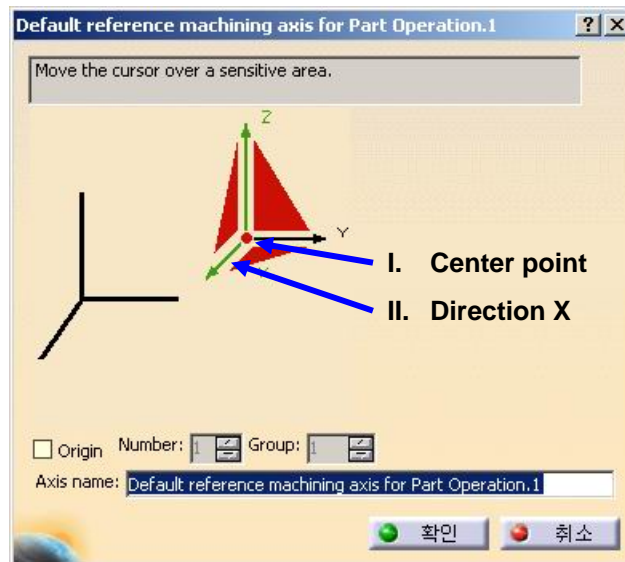
A. Part Operation Dialog



i. Machine Editor



ii. Machining Axis System

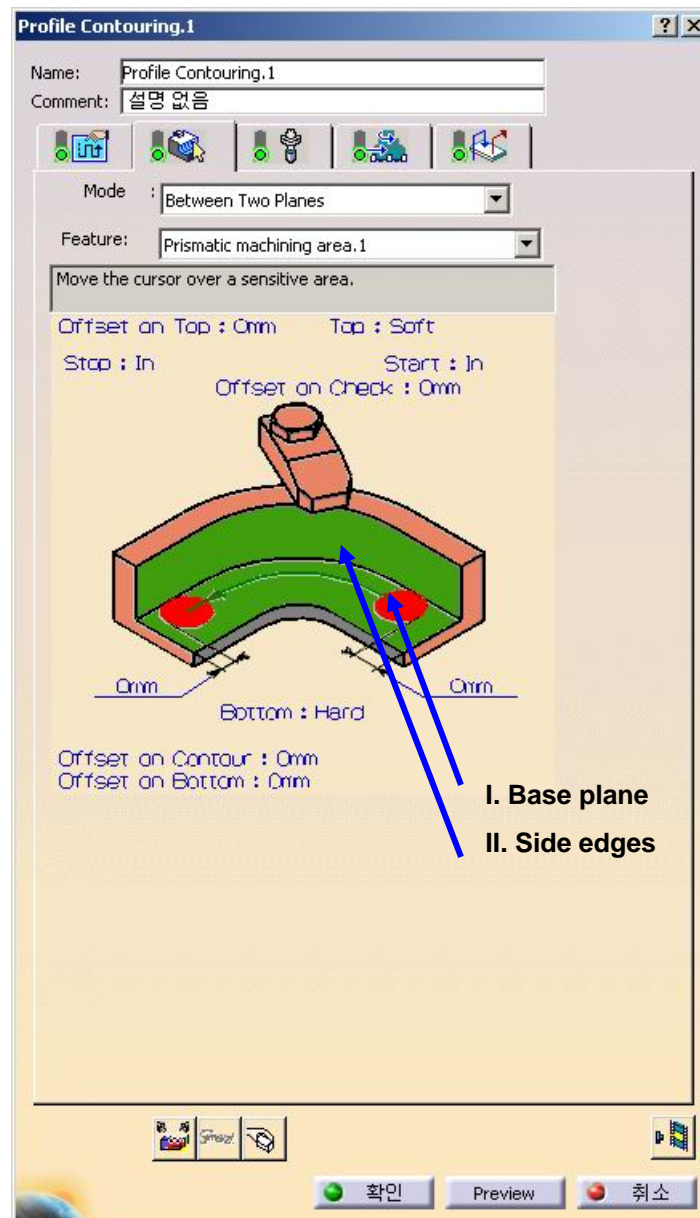


1. Direct Dialog



## B. Profile Contouring

### i. Geometry Tab



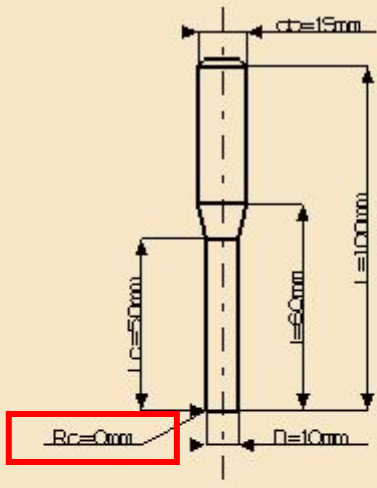
ii. Tool Tab

**Profile Contouring.1** [?] [X]

Name: Profile Contouring.1  
Comment: 설명 없음

[Icons]

Name: T2 End Mill D 10  
Comment :  
Tool number : 2  
☐ Ball-end tool



More>>






[Icons]

[확인] Preview [취소]

iii. Feed and Speed Tab

**Profile Contouring.1** [?] [X]

Name: Profile Contouring.1  
Comment: 설명 없음

**Feedrate**

☒ Automatic compute from tooling Feeds and Speeds

Approach: 300mm\_mn  
Machining: 1000mm\_mn  
Retract: 1000mm\_mn  
Finishing: 0.1mm\_mn  
Unit: Linear

**Feedrate reduction in corners**

☐ Feedrate reduction in corners





Reduction rate : 80  
Minimum angle : 45deg  
Maximum radius : 1mm  
Distance before corner : 1mm  
Distance after corner : 1mm

**Spindle Speed**

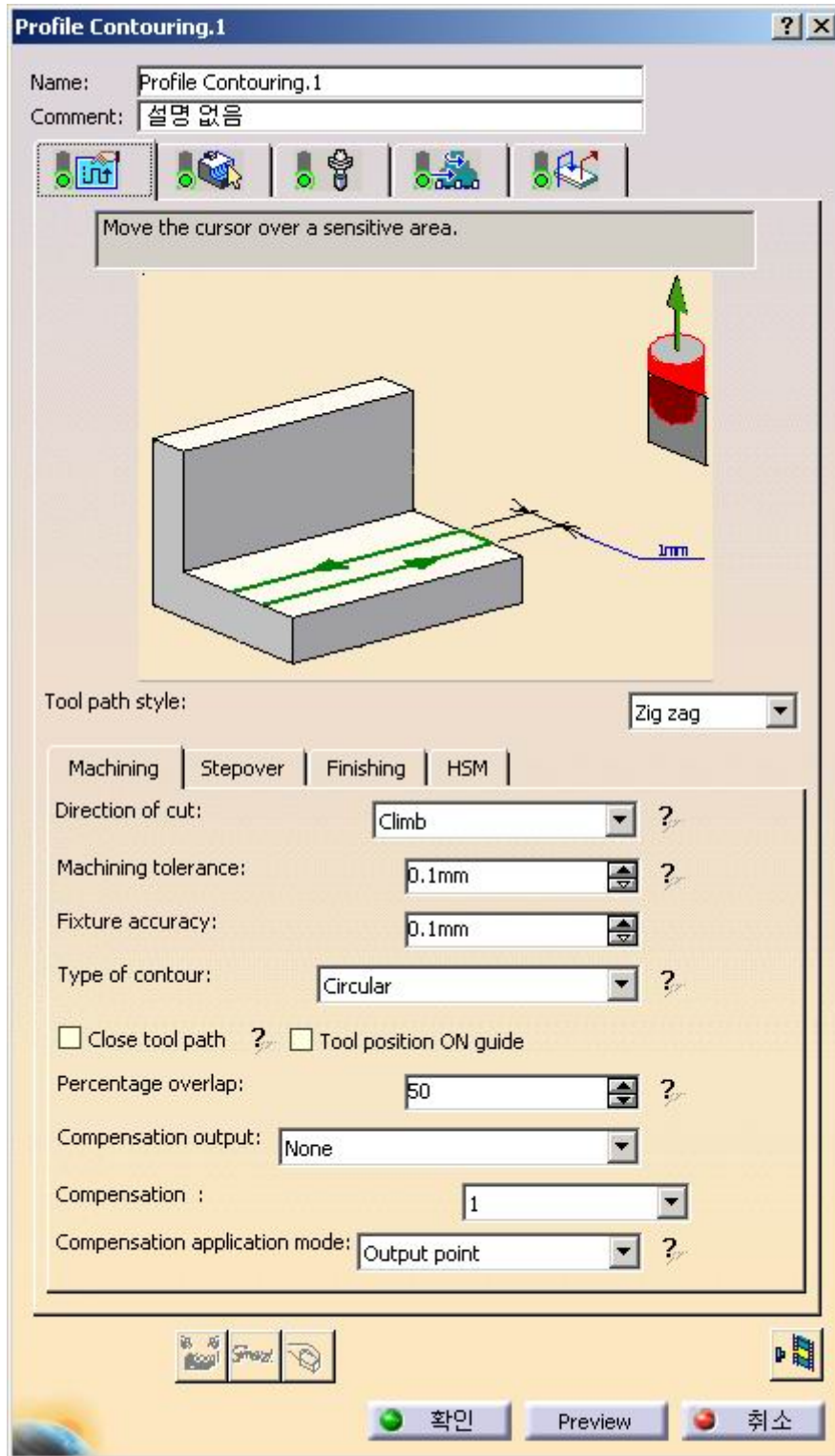
☒ Automatic compute from tooling Feeds and Speeds  
☒ Spindle output

Machining: 70turn\_mn  
Unit: Angular

Quality: Rough

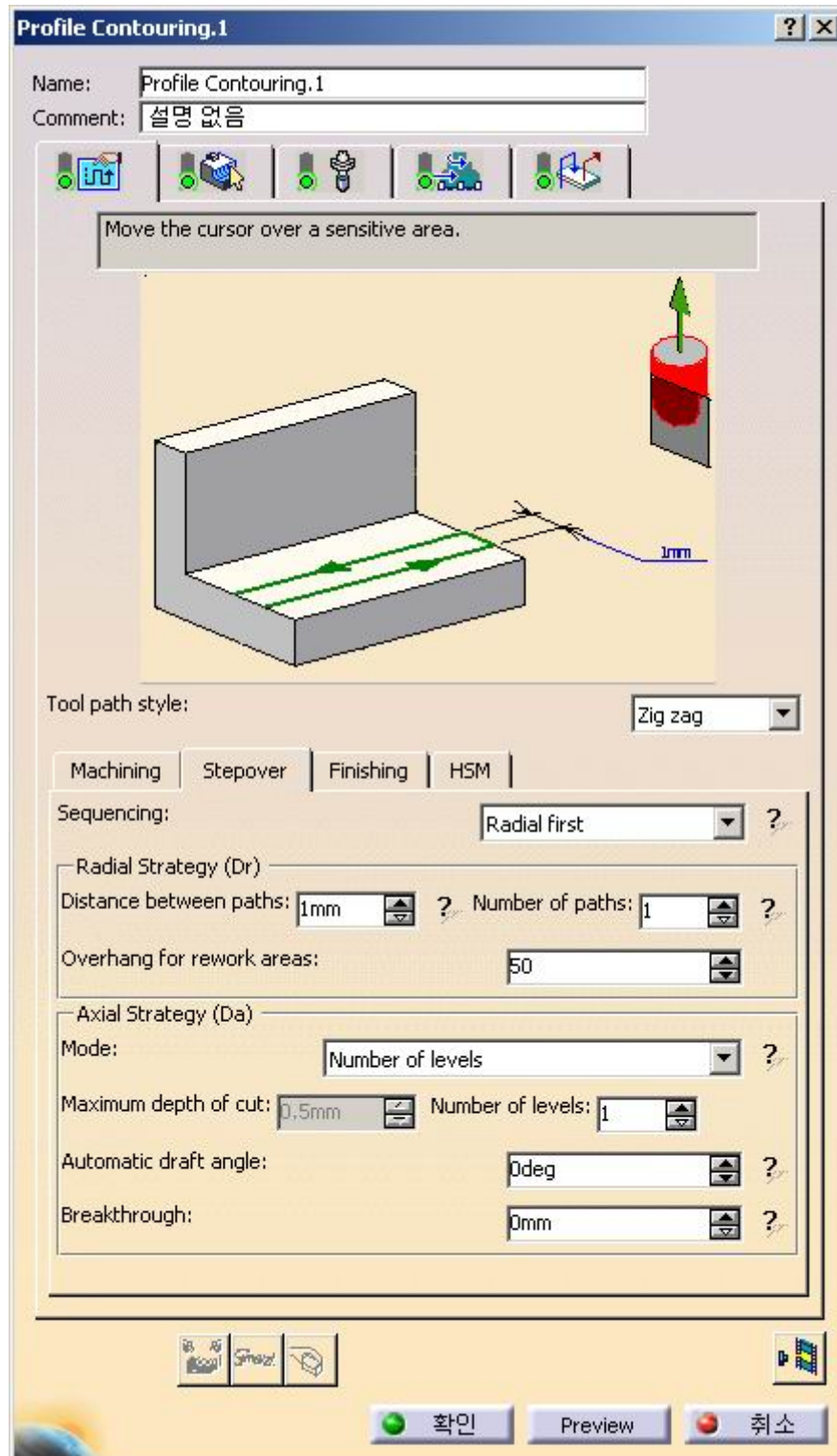
   

- iv. Strategy Tab
1. Machining

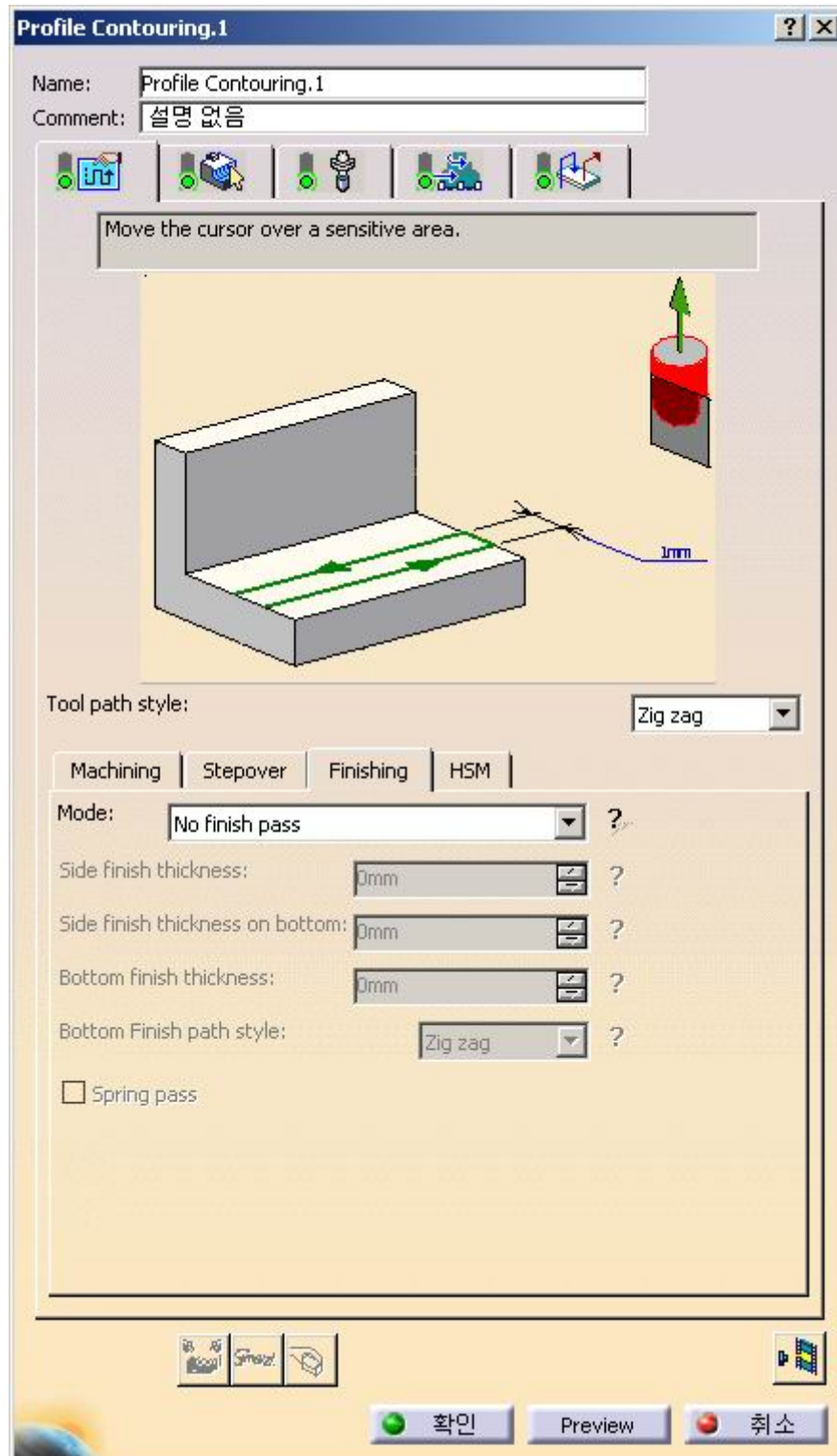




## 2. Stepper

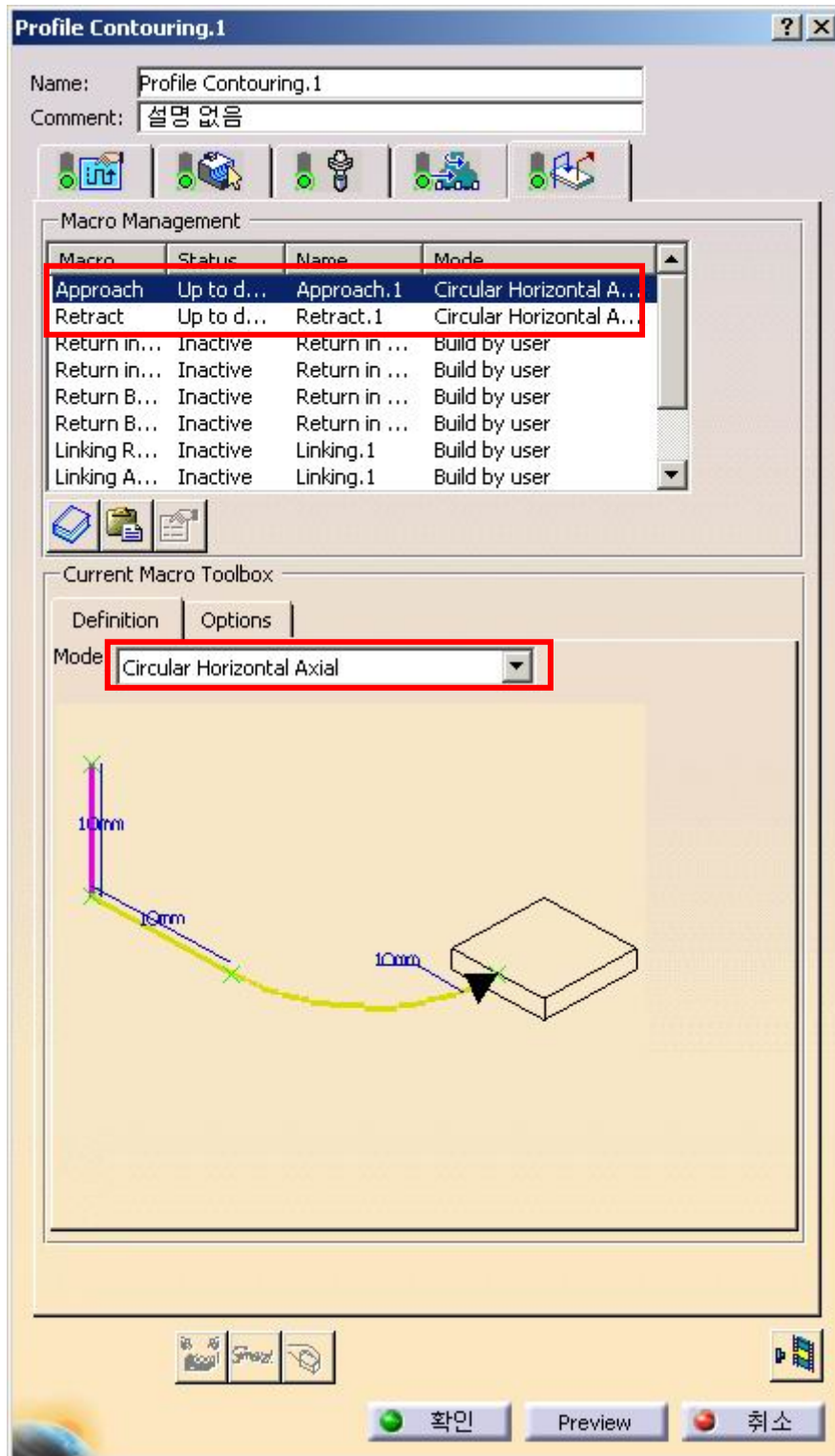


### 3. Finishing





v. Macro Tab

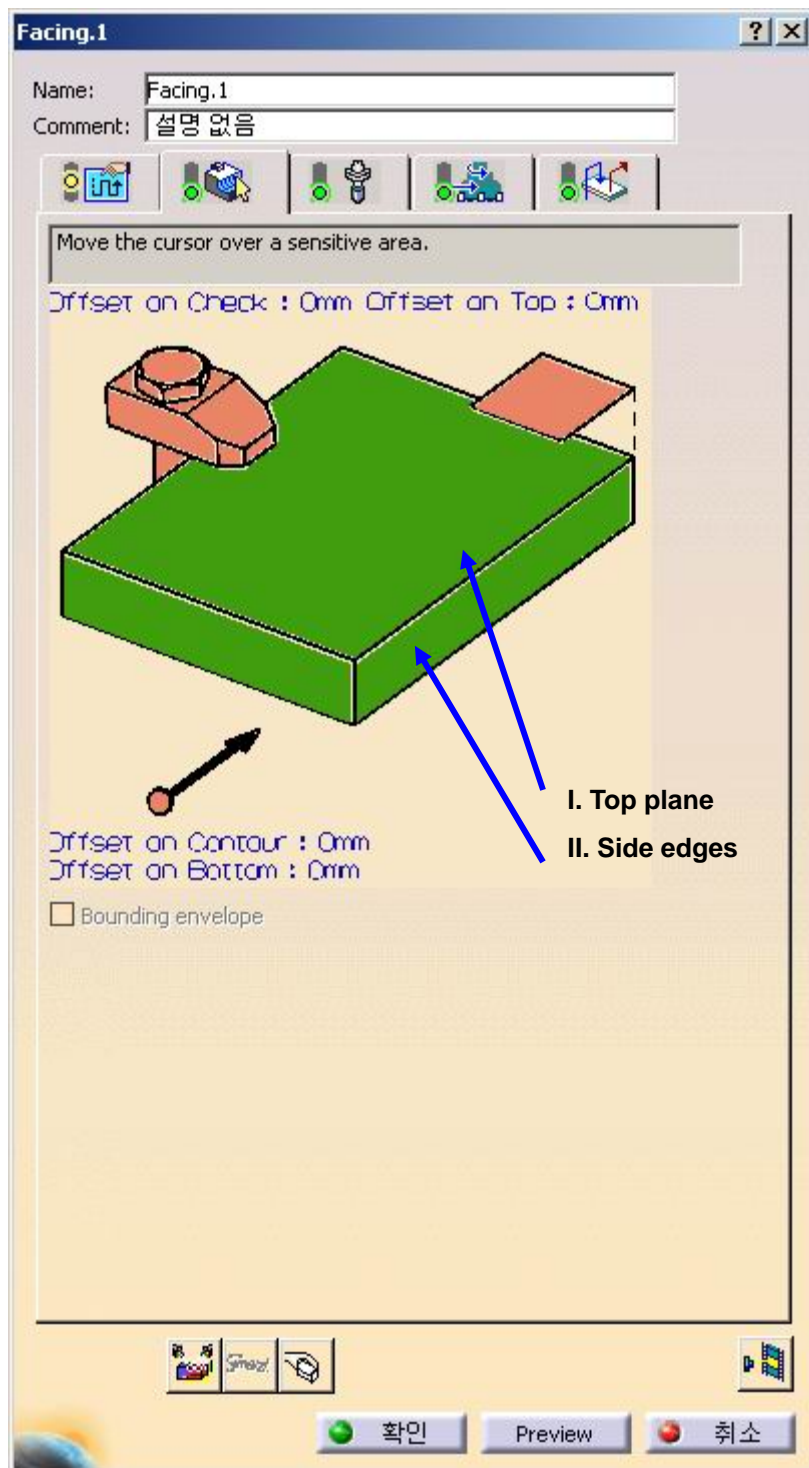


1. Tool Path Replay

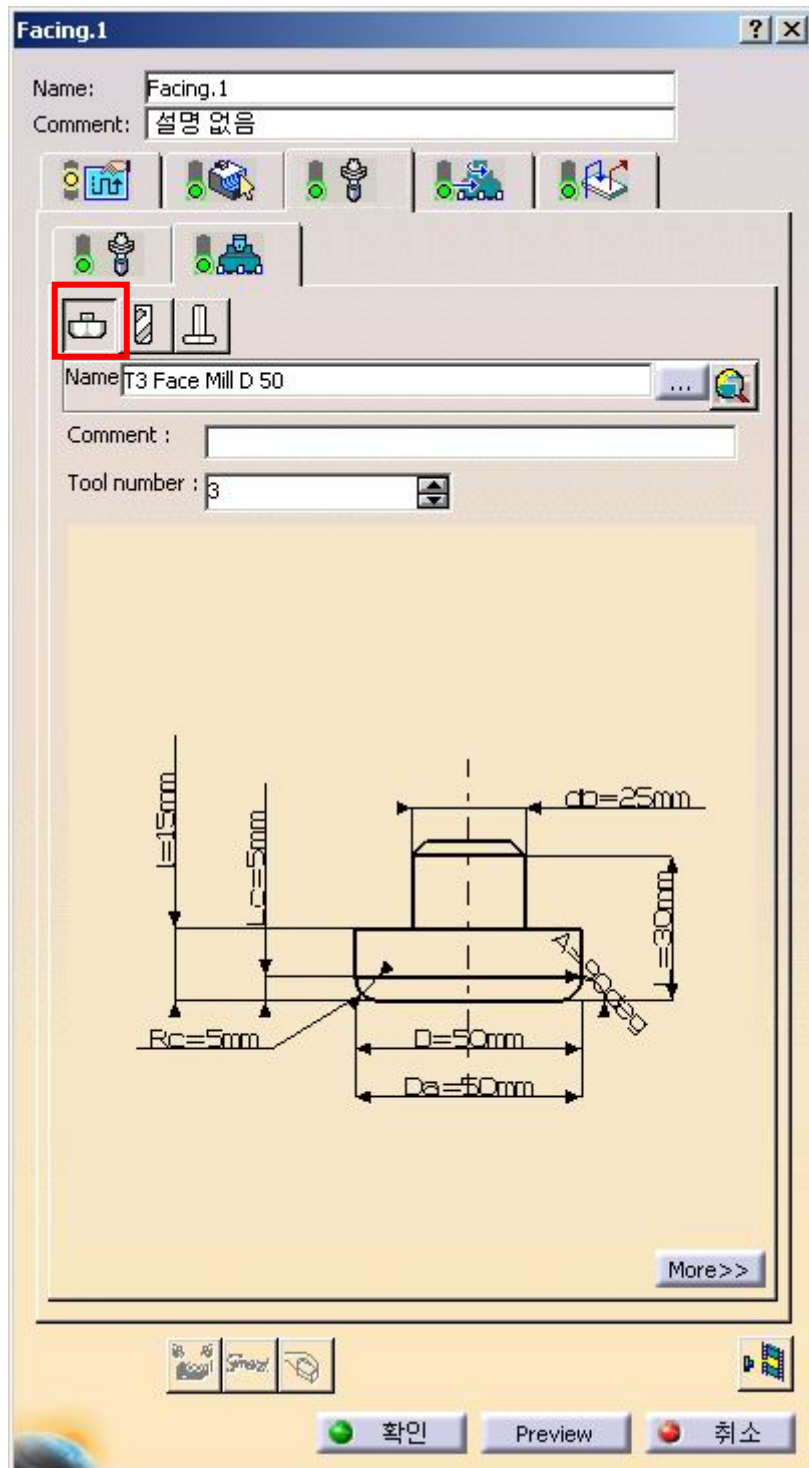


### C. Facing

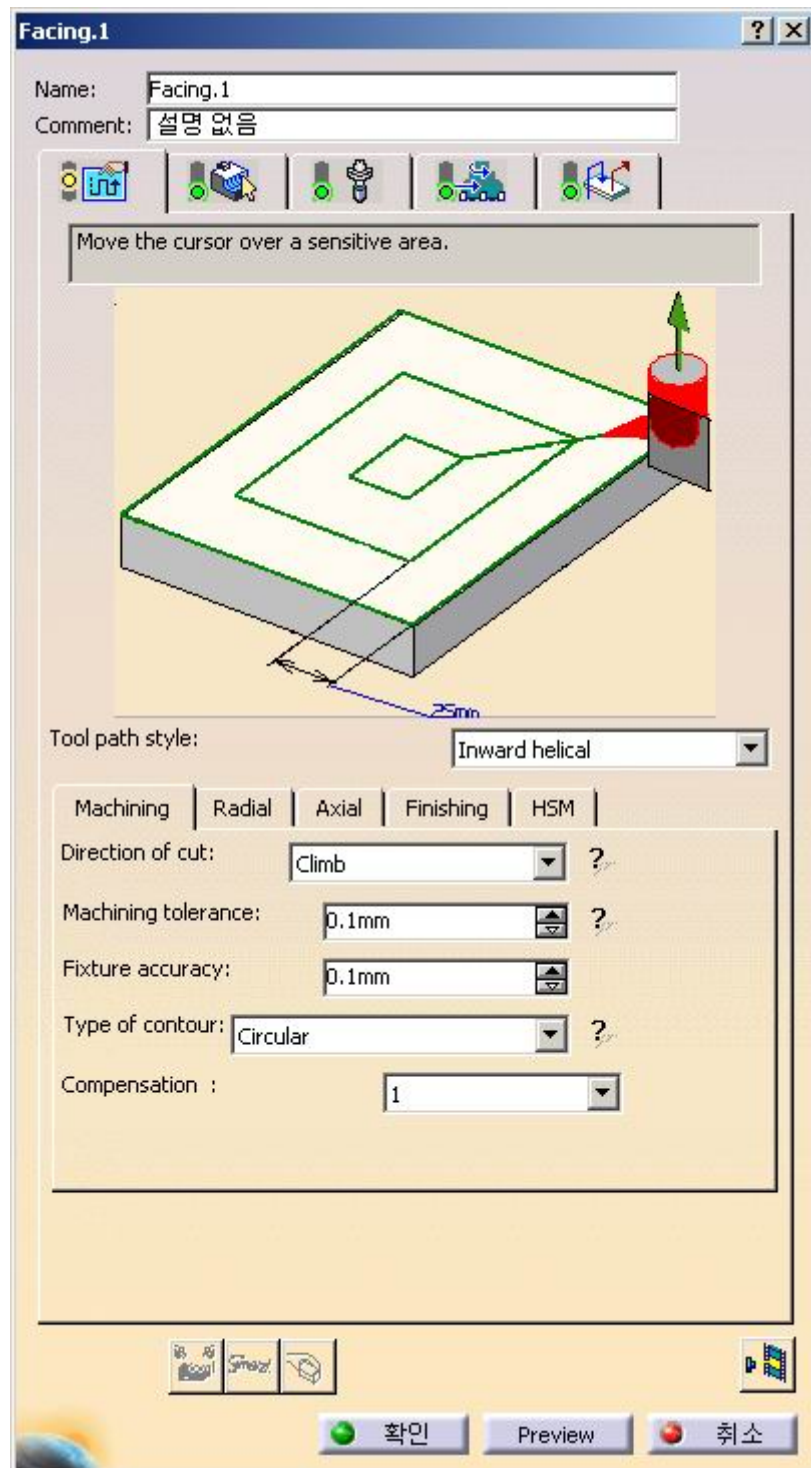
#### i. Geometry Tab



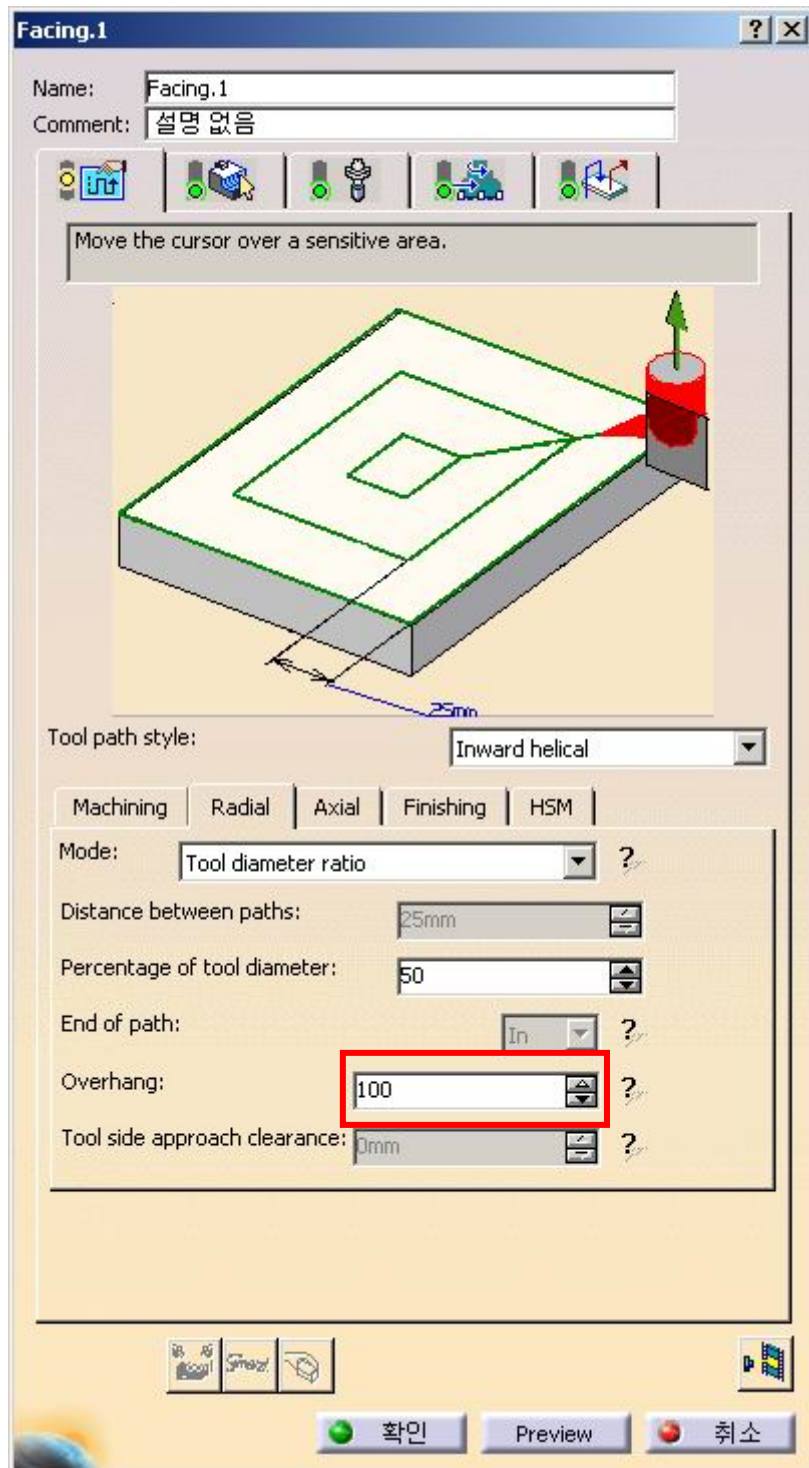
ii. Tool Tab



- iii. Strategy Tab
1. Machining

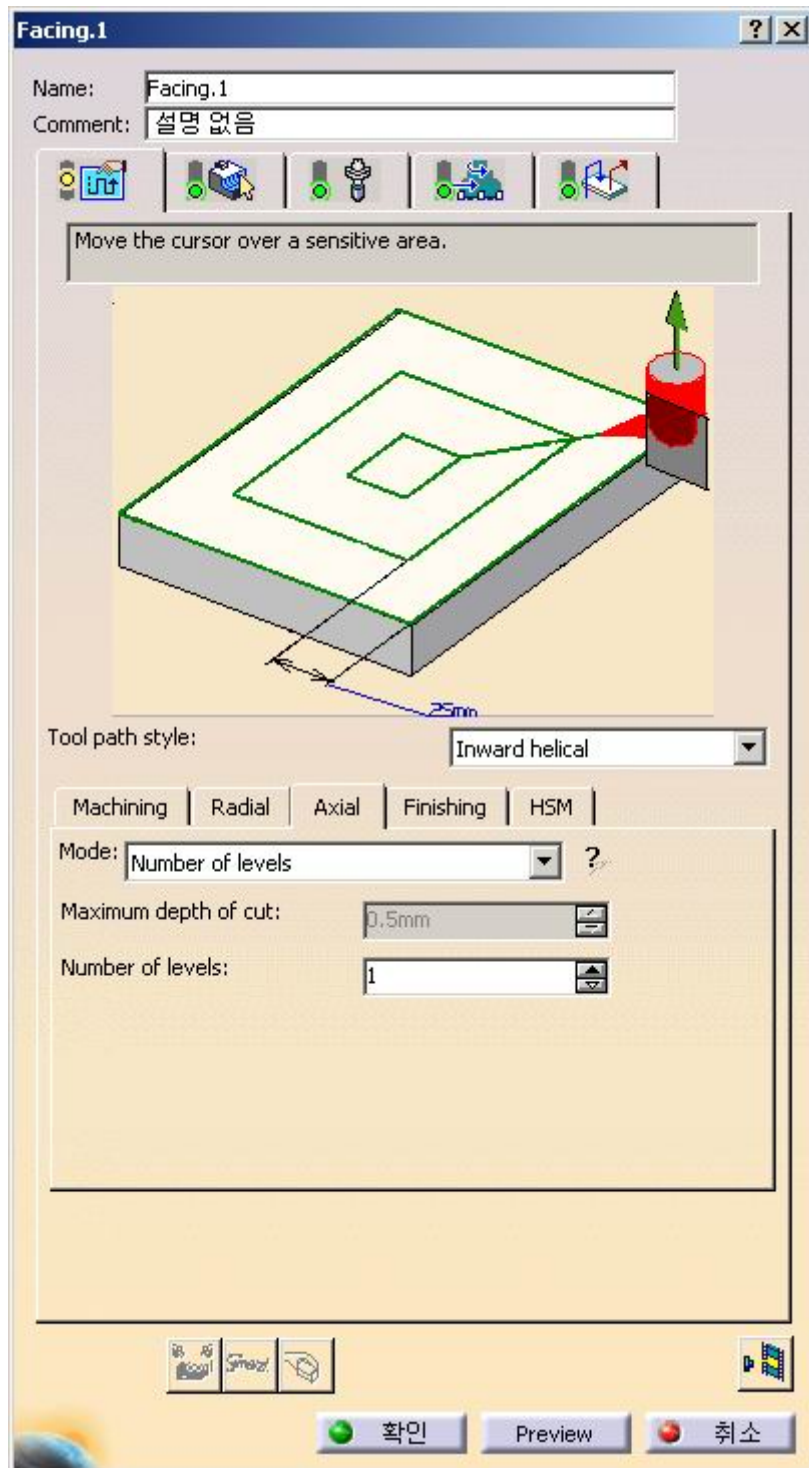


## 2. Radial





### 3. Axial







iv. Feed and Speed Tab

**Facing.1** [?] [X]

Name: Facing.1  
Comment: 설명 없음

**Feedrate**

☒ Automatic compute from tooling Feeds and Speeds

Approach: 300mm\_mn  
Machining: 1000mm\_mn  
Retract: 1000mm\_mn  
Finishing: 0.1mm\_mn  
Unit: Linear



**Spindle Speed**

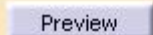

☒ Automatic compute from tooling Feeds and Speeds

☒ Spindle output

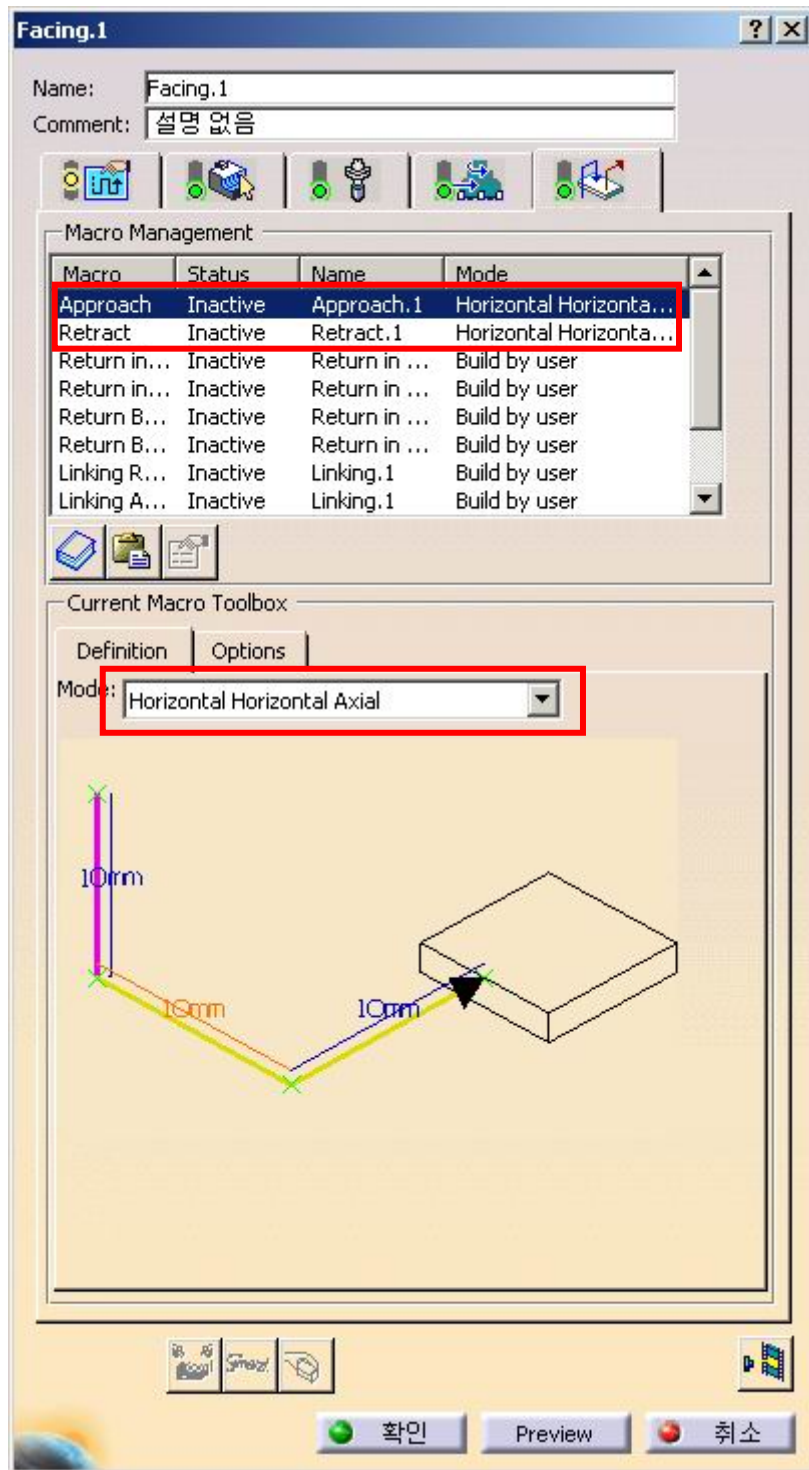
Machining: 70turn\_mn  
Unit: Angular

Quality: Rough **Compute**

 확인  Preview  취소

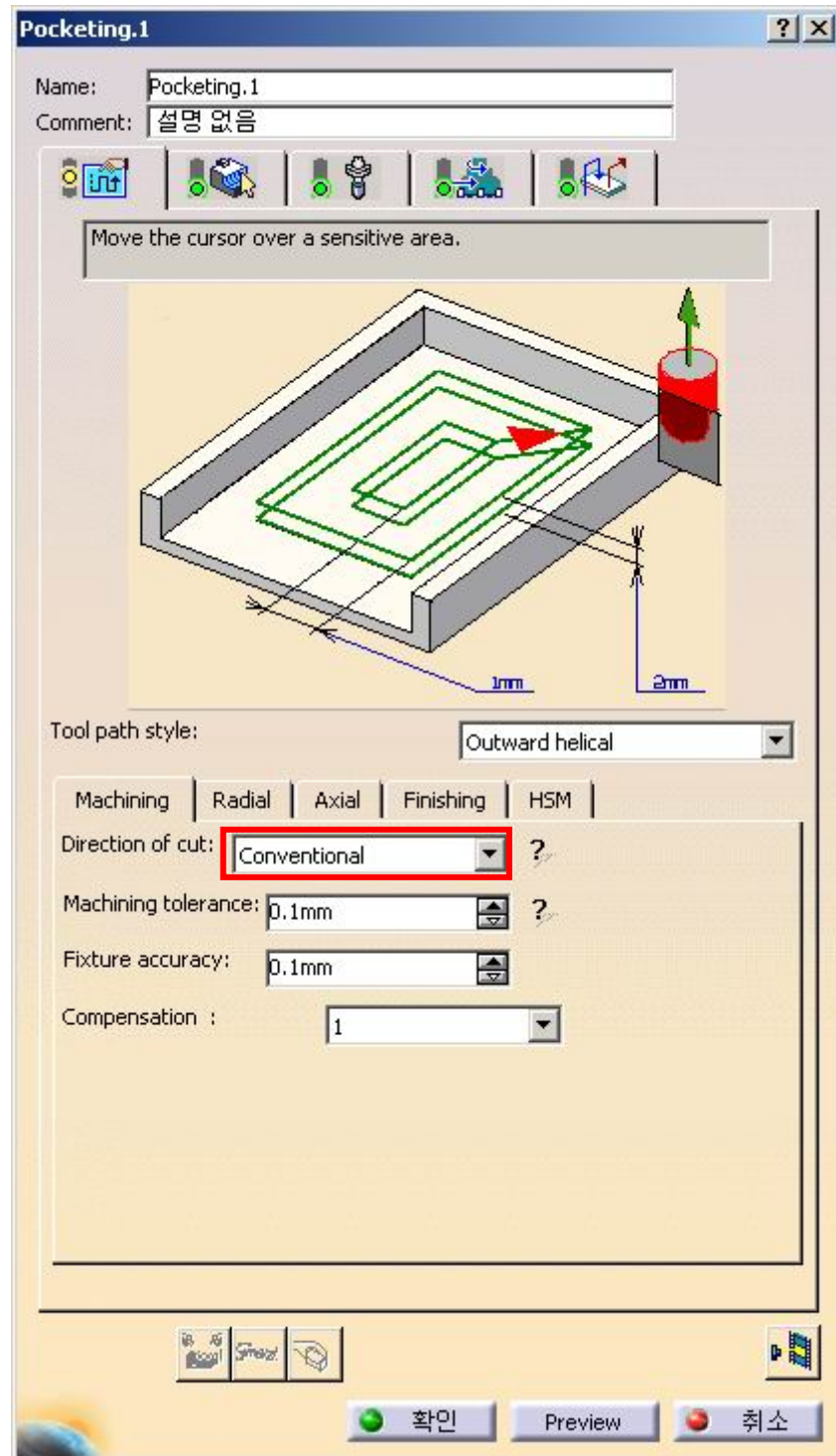
v. Macro Tab



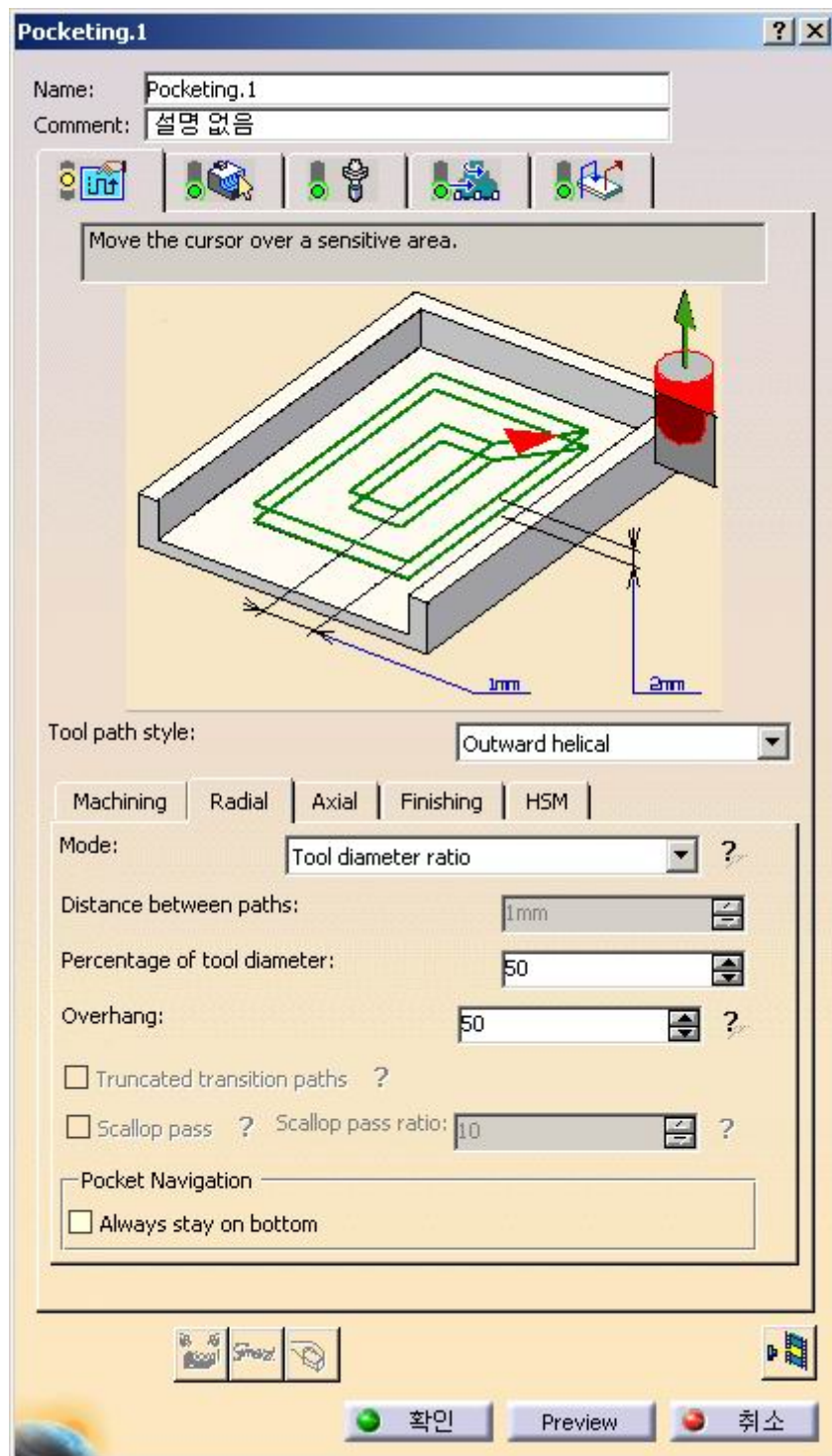
## D. Pocketing

### i. Strategy Tab

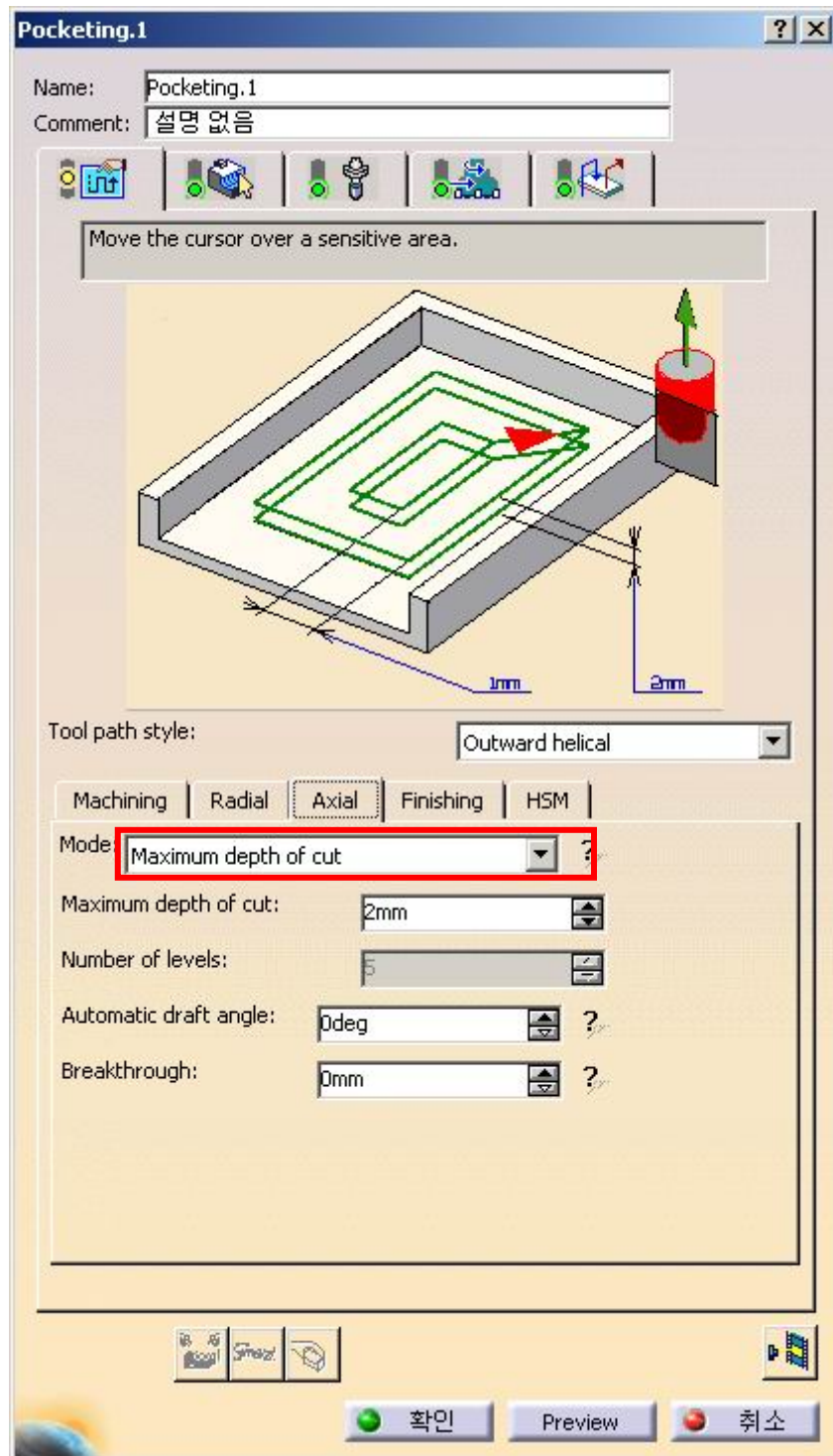
#### 1. Machining



## 2. Radial

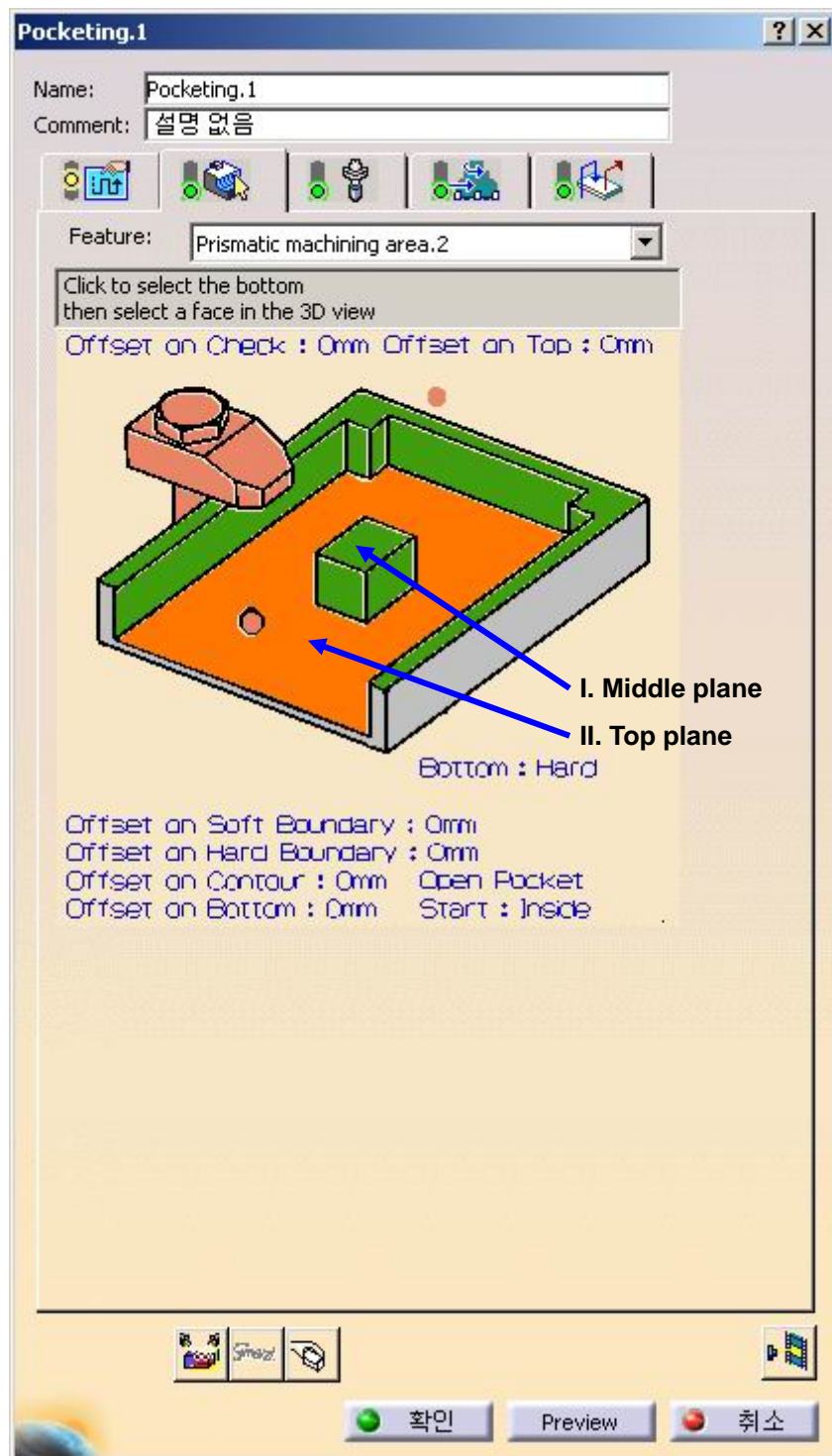


### 3. Axis



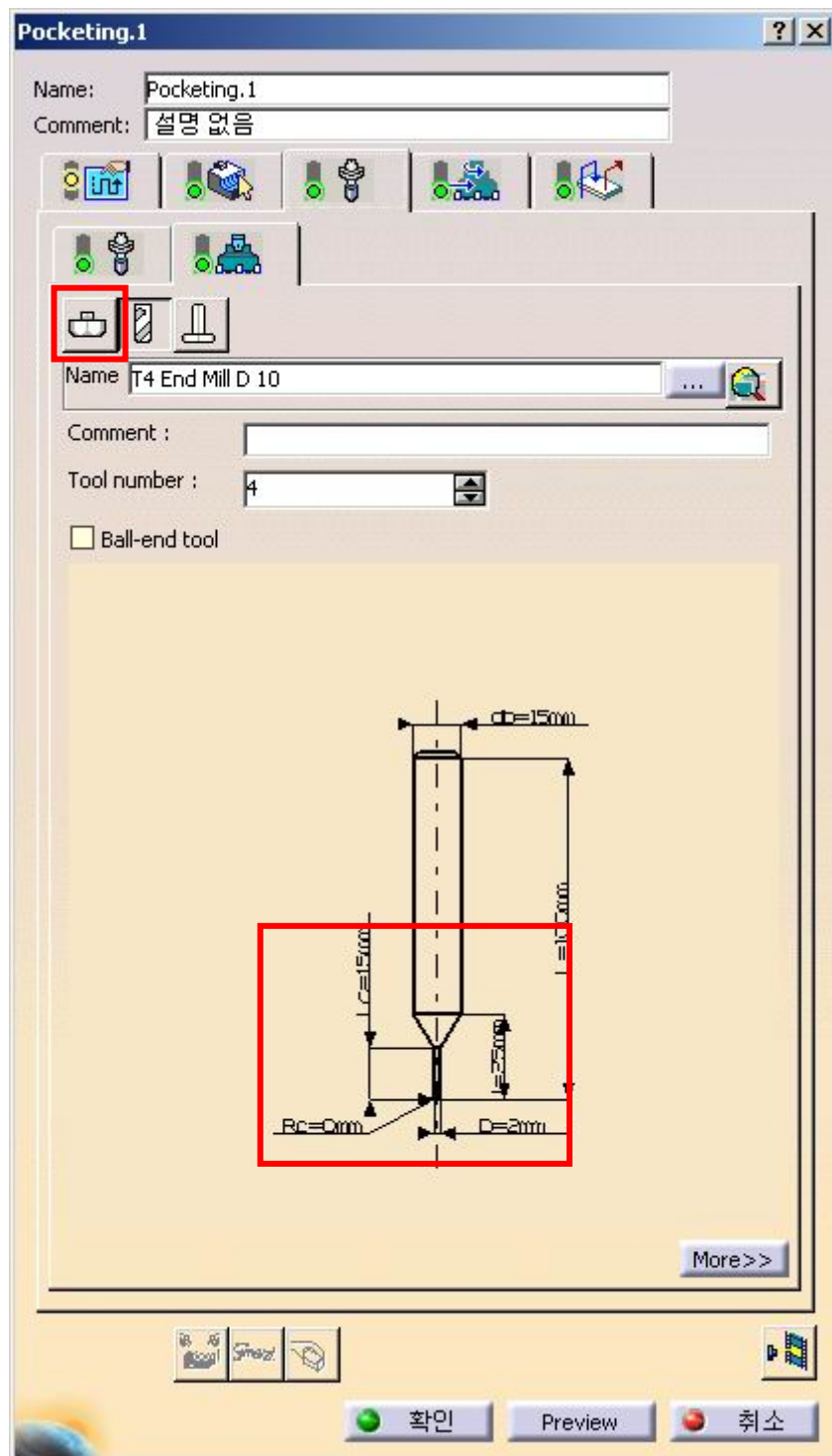


ii. Geometry Tab






iii. Tool Tab



iv. Feed and Speed Tab

**Pocketing.1** [?] [X]

Name: Pocketing.1  
Comment: 설명 없음



**Feedrate**

☒ Automatic compute from tooling Feeds and Speeds

Approach: 300mm\_mn  
Machining: 1000mm\_mn  
Retract: 1000mm\_mn  
Finishing: 0.1mm\_mn  
Slowdown rate: 1  
Unit: Linear

**Feedrate reduction in corners**

☐ Feedrate reduction in corners

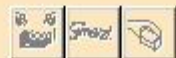
Reduction rate : 80  
Minimum angle : 45deg  
Maximum radius : 1mm  
Distance before corner : 1mm  
Distance after corner : 1mm



**Spindle Speed**

☒ Automatic compute from tooling Feeds and Speeds  
☒ Spindle output

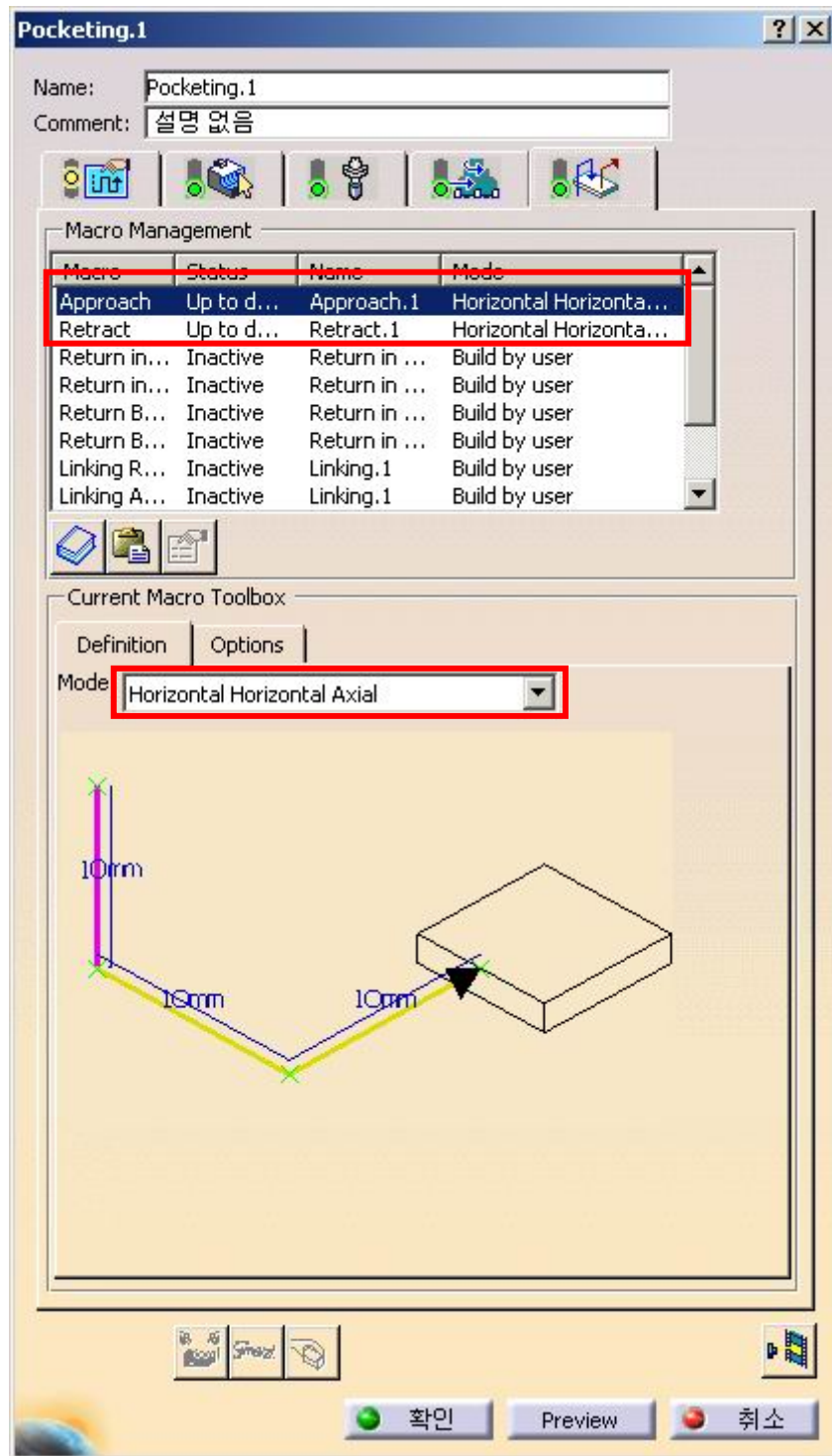
Machining: 70turn\_mn  
Unit: Angular

Quality: Rough [Compute]



 확인 Preview  취소

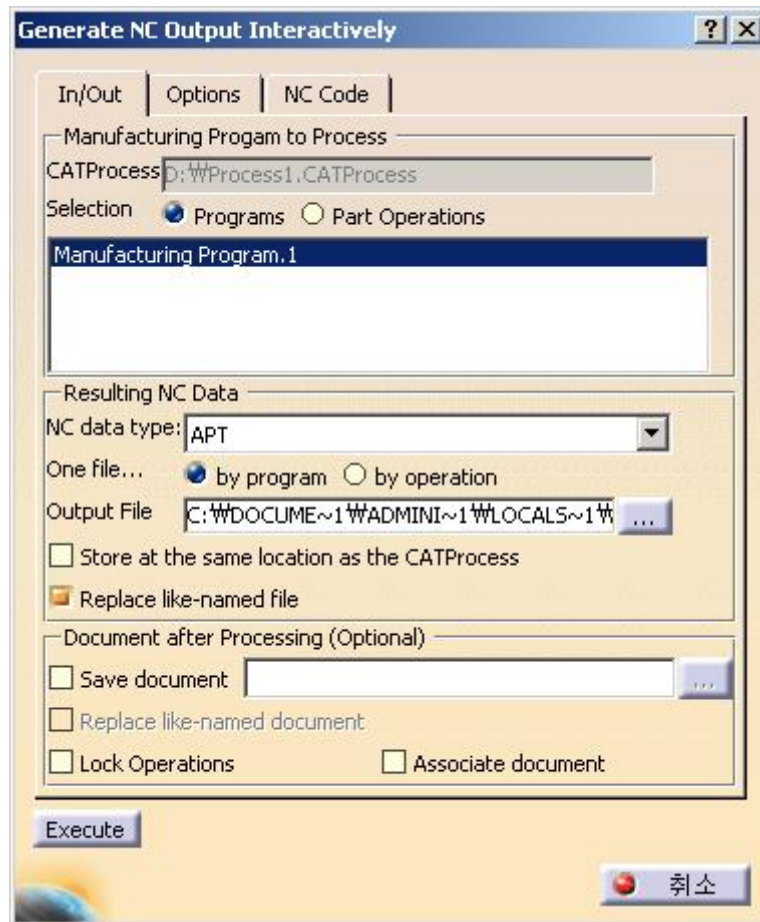
v. Macro Tab



## 2. NC Output Generations



### A. Generate NC Interactively



#### i. Generated NC code

