

Ex02. 2 + () 3

[] 3

[] 3

[] 4

[] 4

[] 6

[()] 7

[] 7

[] 8

[()] 8

[()] 9

[] 10

[:] 11

[1 :] 12

[1 :] 13

[2 :] 14

[2 : /] 15

[3 :] 15

[3 : /] 16

[] 16

[] 17

[] 18

[:] 18

[:] 19

[:] 19

[:] 20

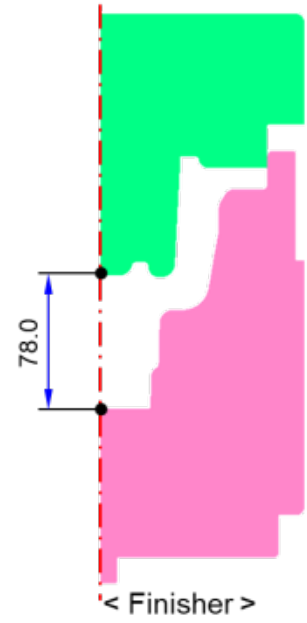
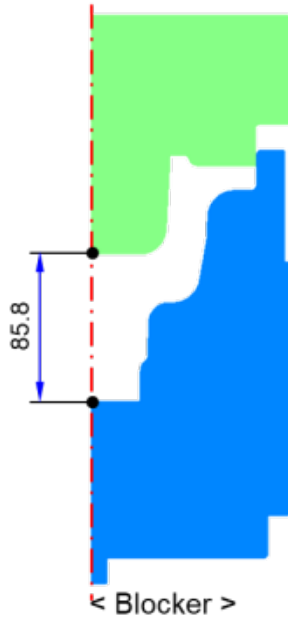
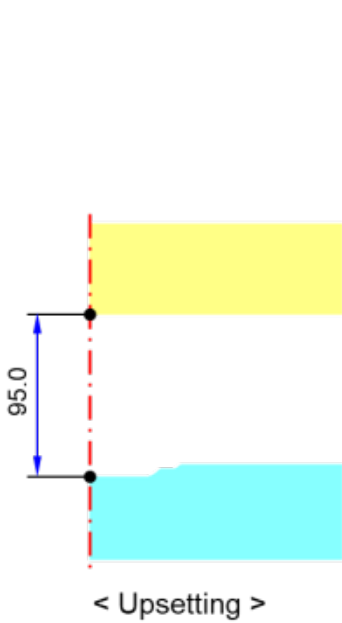
[:] 20

[:] 21

Ex02. 2

+ ()

[]



[]

1.

-
-

(+)

2.

- : SCM440(T=800-1300°C)E →
- : 1200°C →
- : dxf

3.

- : dxf ()
- : SKD61 →
- : , $\mu=0.3, m=0.8$ ()
-

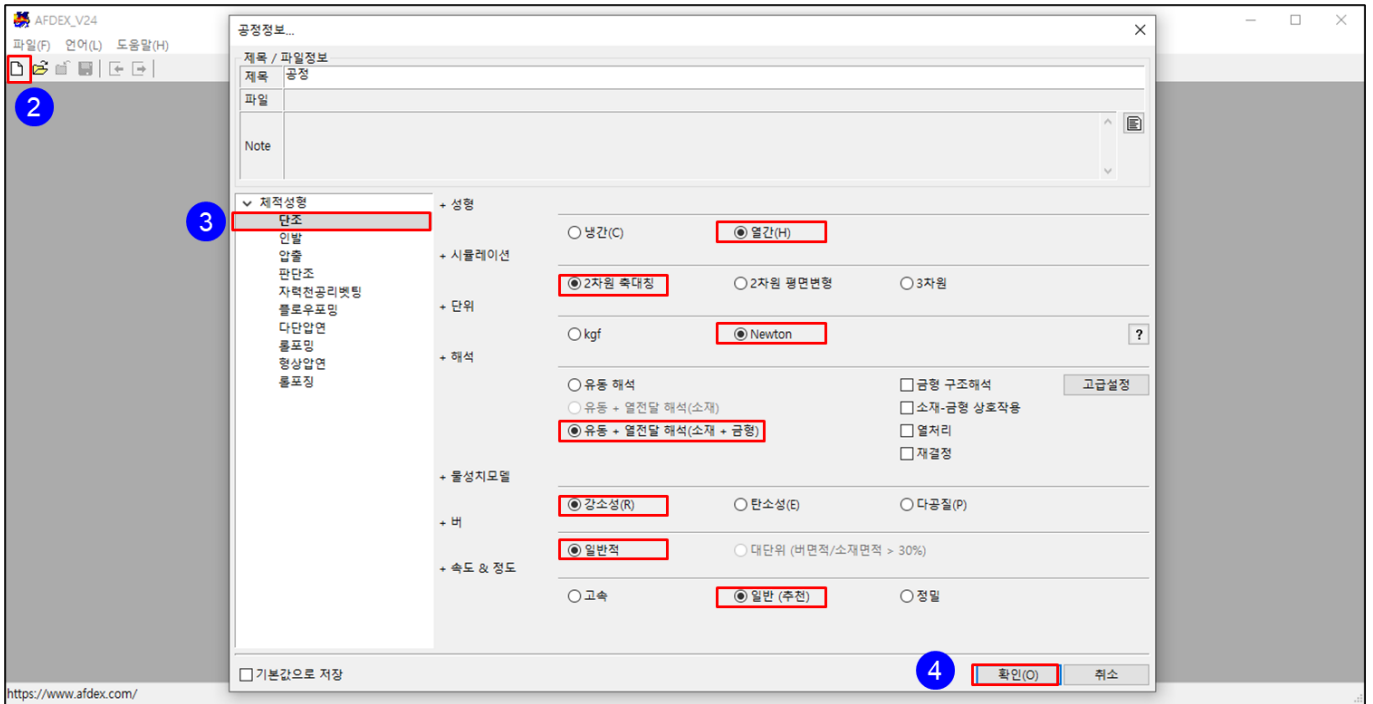
- : JFP-3000 →
- : 0.0 mm/s()

4.

- - Sample_HeatWPCS_All_Analysis →
 - : 1s
 - : 1s
 - / : 1s
 - Sample_HeatDIES →

: 300°C →

[]

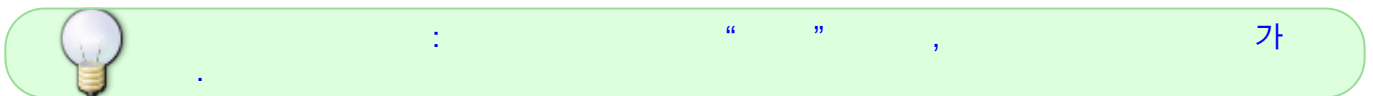


1. ADEX_V24R02

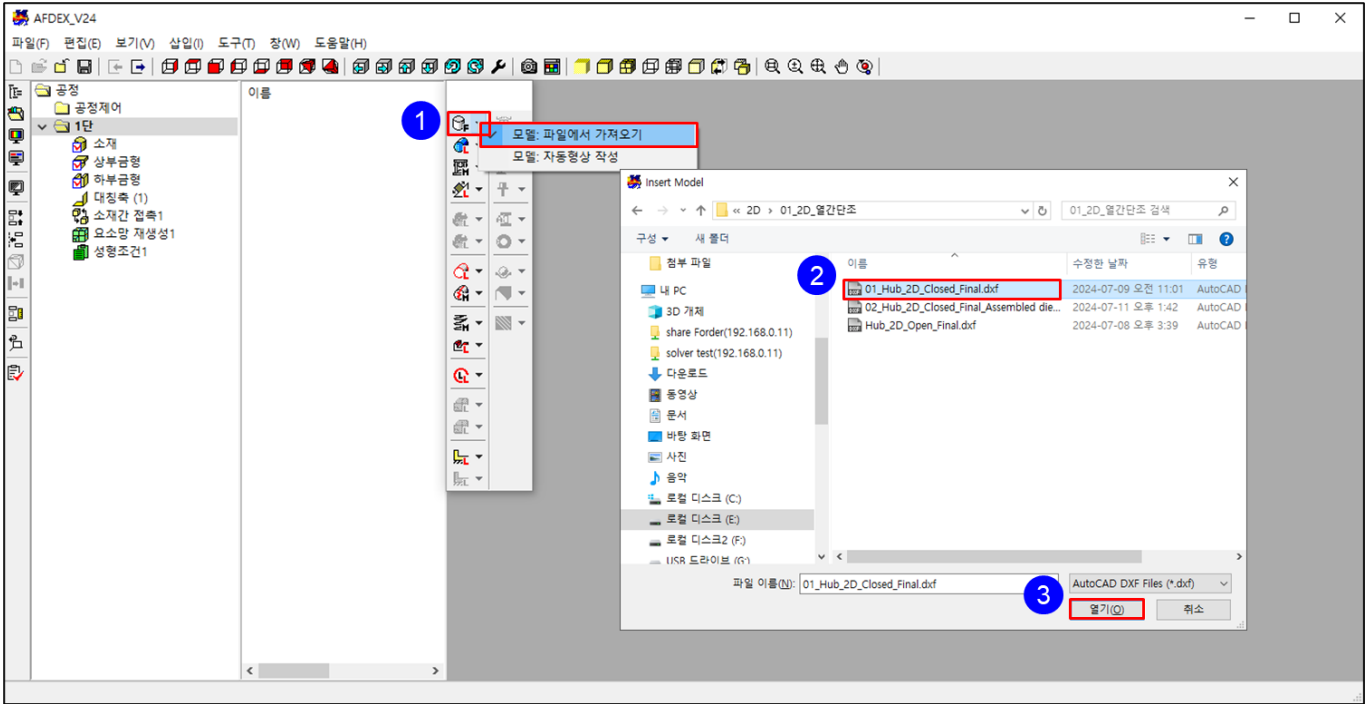
2. “ ”

3. “ ”, “ ”, “ 2 ”, “Newton”, “ + (+)”, “ ”, “ ”, “ ()”

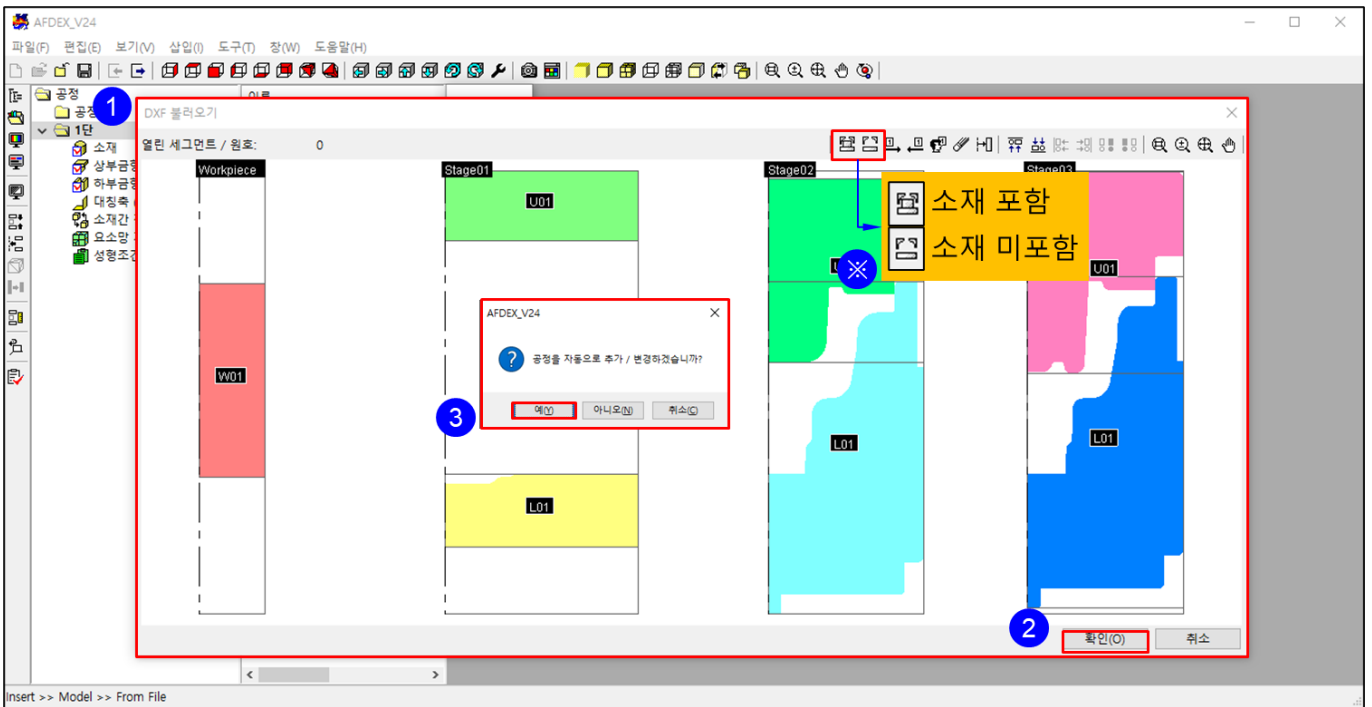
4. “ ”



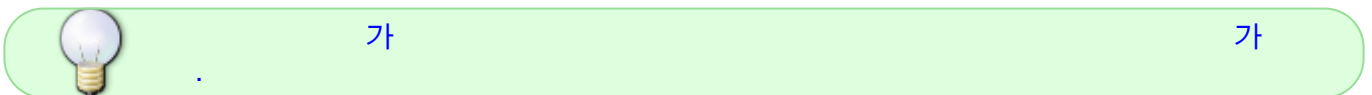
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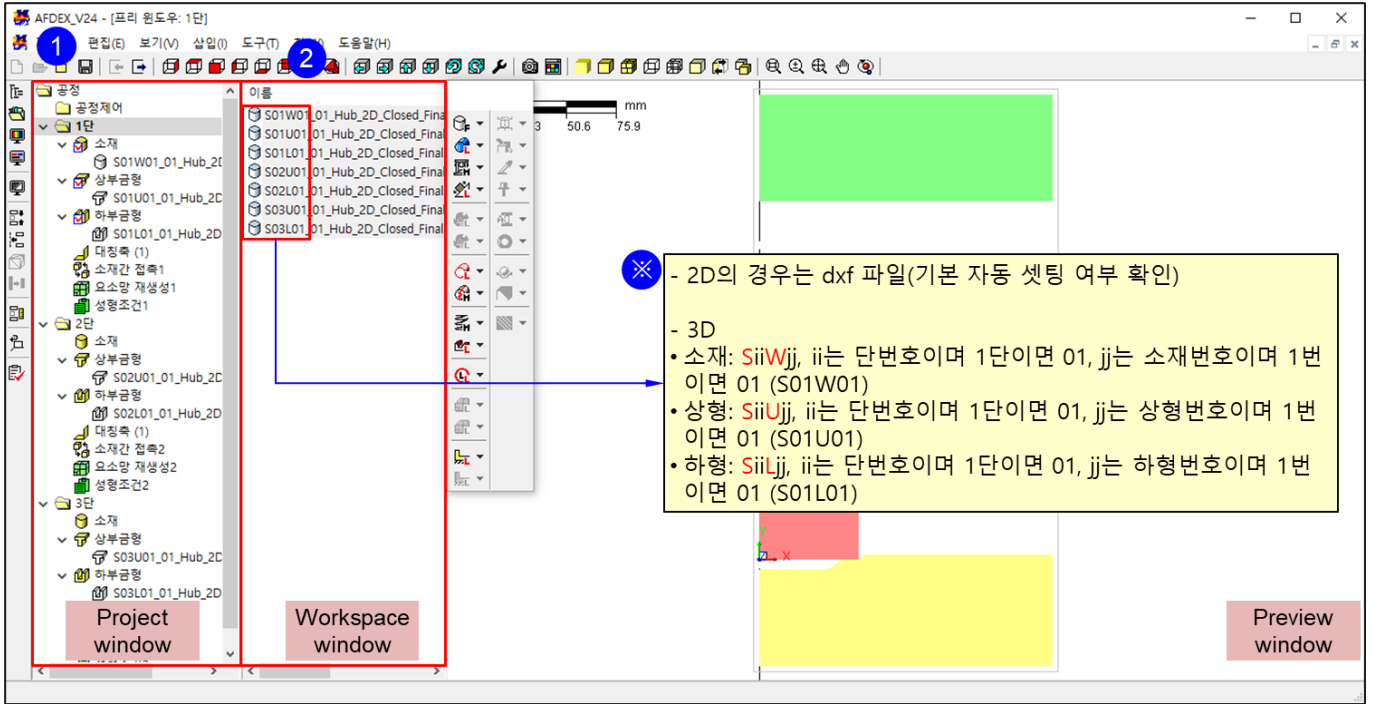


1. “ : 가 ”
2. , “***.dxf”
3. “ ”



1. “DXF ”
2. 가 , “ ” .(,가)
3. “ 가 / ? ” , “ ” . “ ” , “ 가 ” , “ 가 ” .

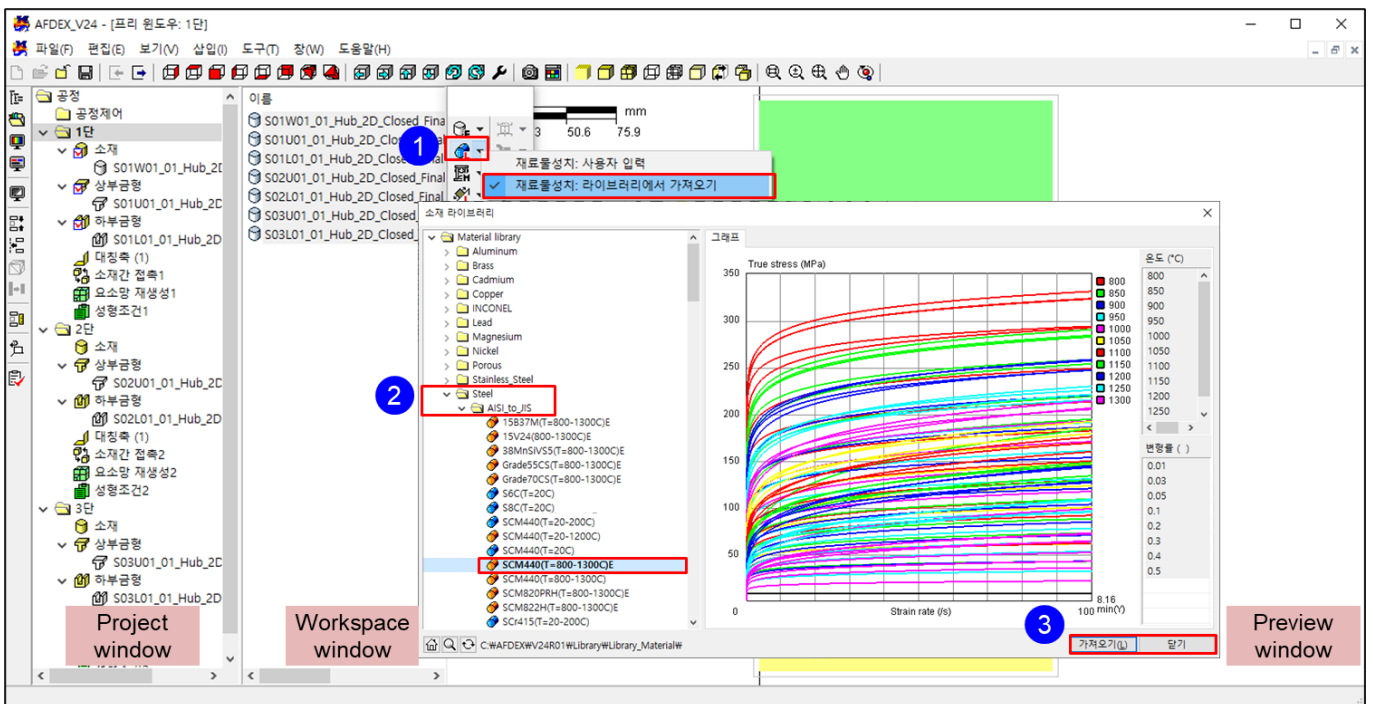




1. “ ” 가
2. “ ” “ ” 가



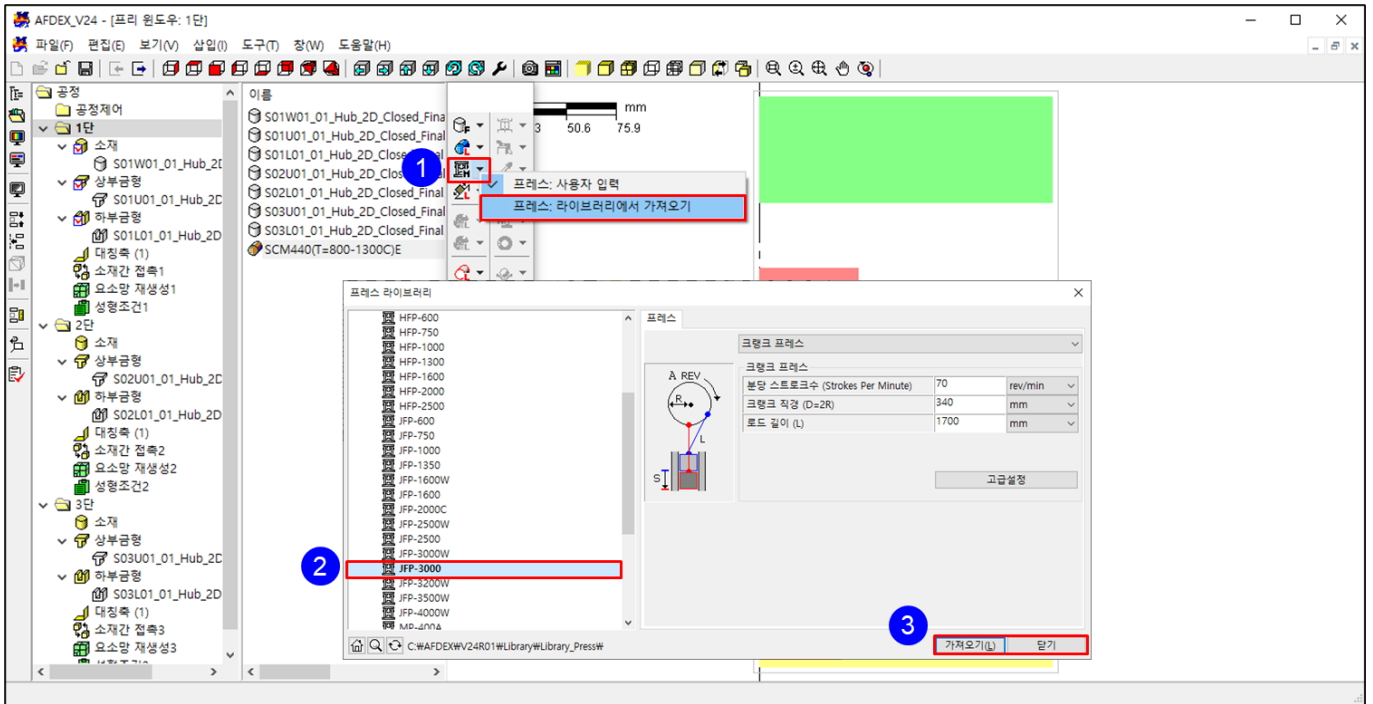
[]



1. “ : ” 가 ”
2. “ ” , “Steel → AISI to JIS → SCM440(T=800-1300°C)E”

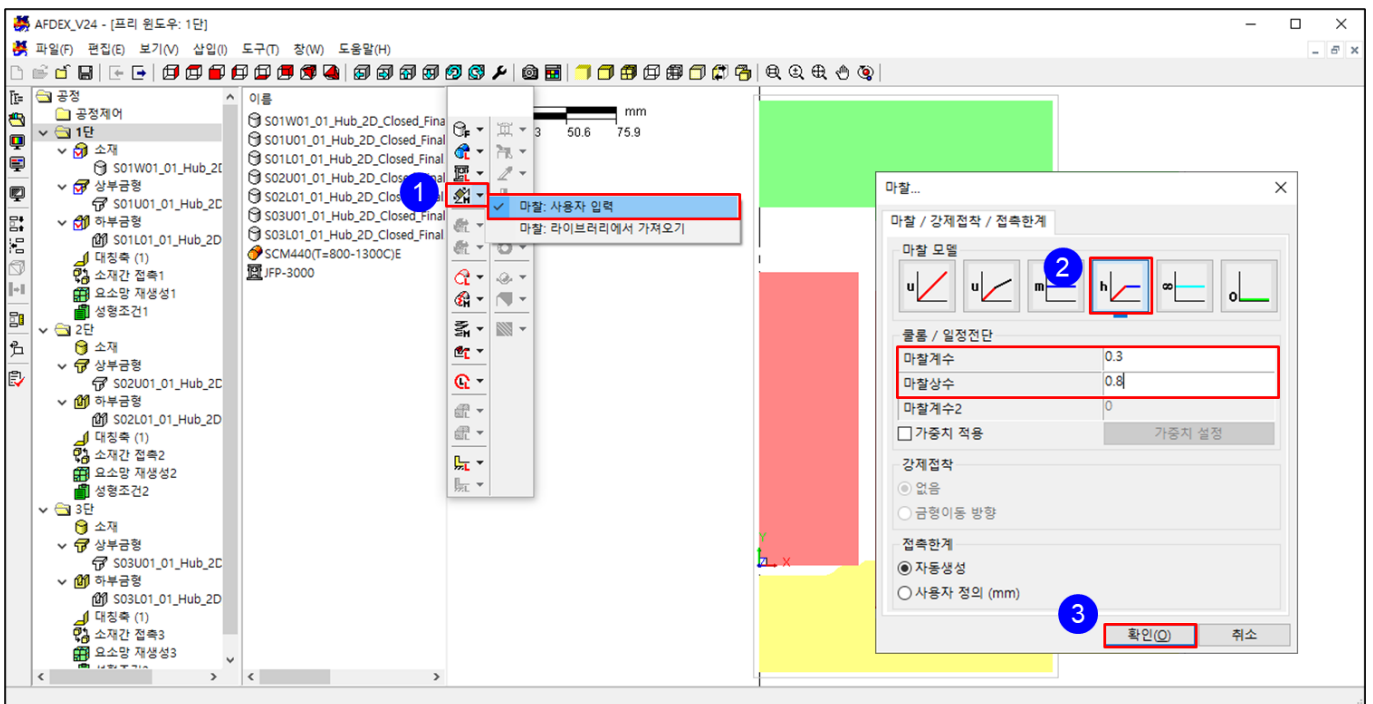
3. “가” “ ” “ ”

[()]



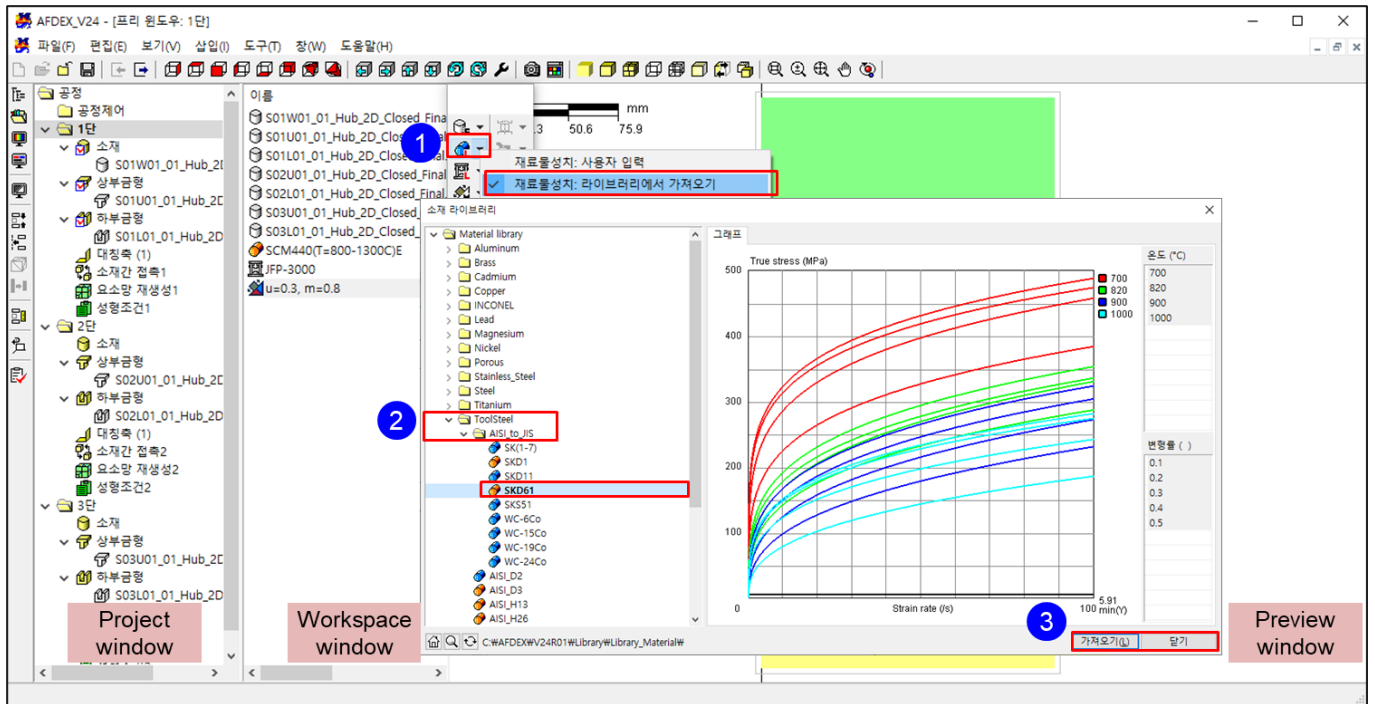
1. “ : ” 가 ”
2. “ ” , “JFP-3000”
3. “가” “ ” “ ”

[]



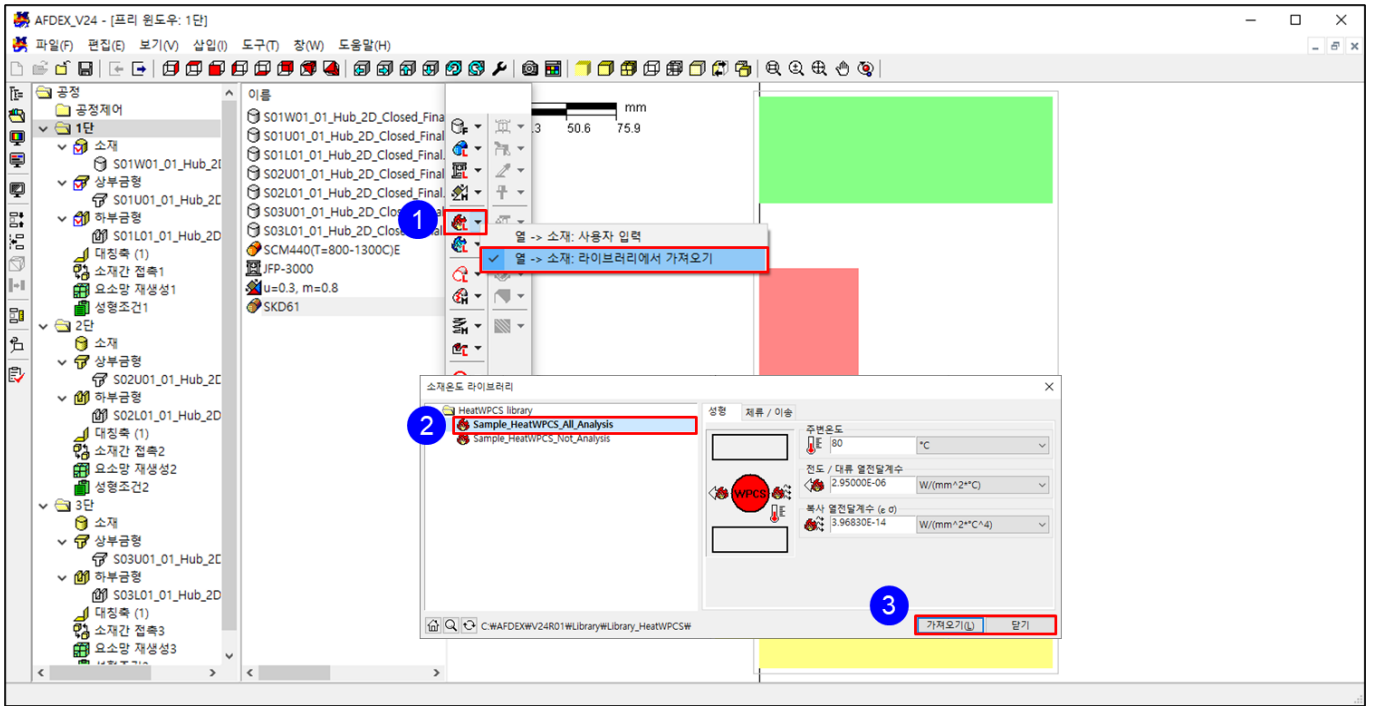
1. “ : ”
2. “ ” Hybrid ”
3. “ 0.3, 0.8 ”

[]

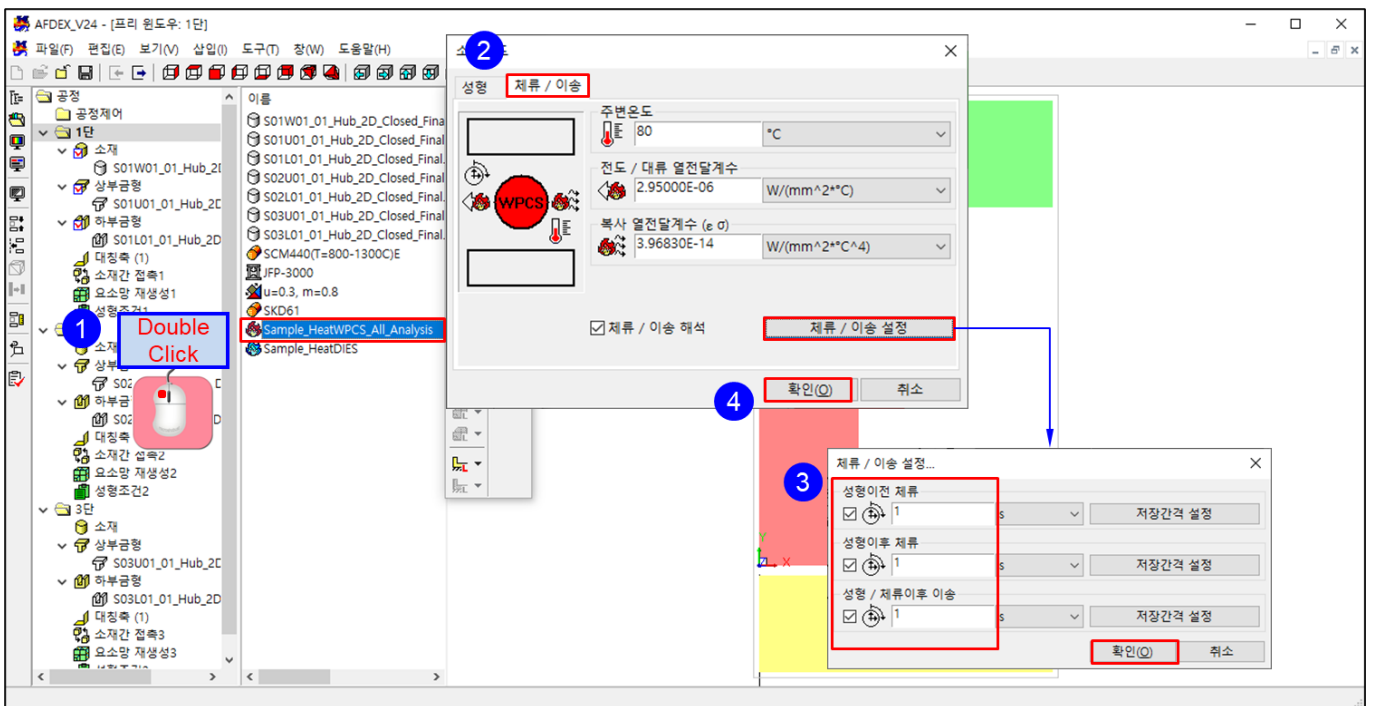


1. “ : 가 ”
2. “ ” , “ToolSteel → AISI to JIS → SKD61”
3. “ 가 ” “ ”

[()]

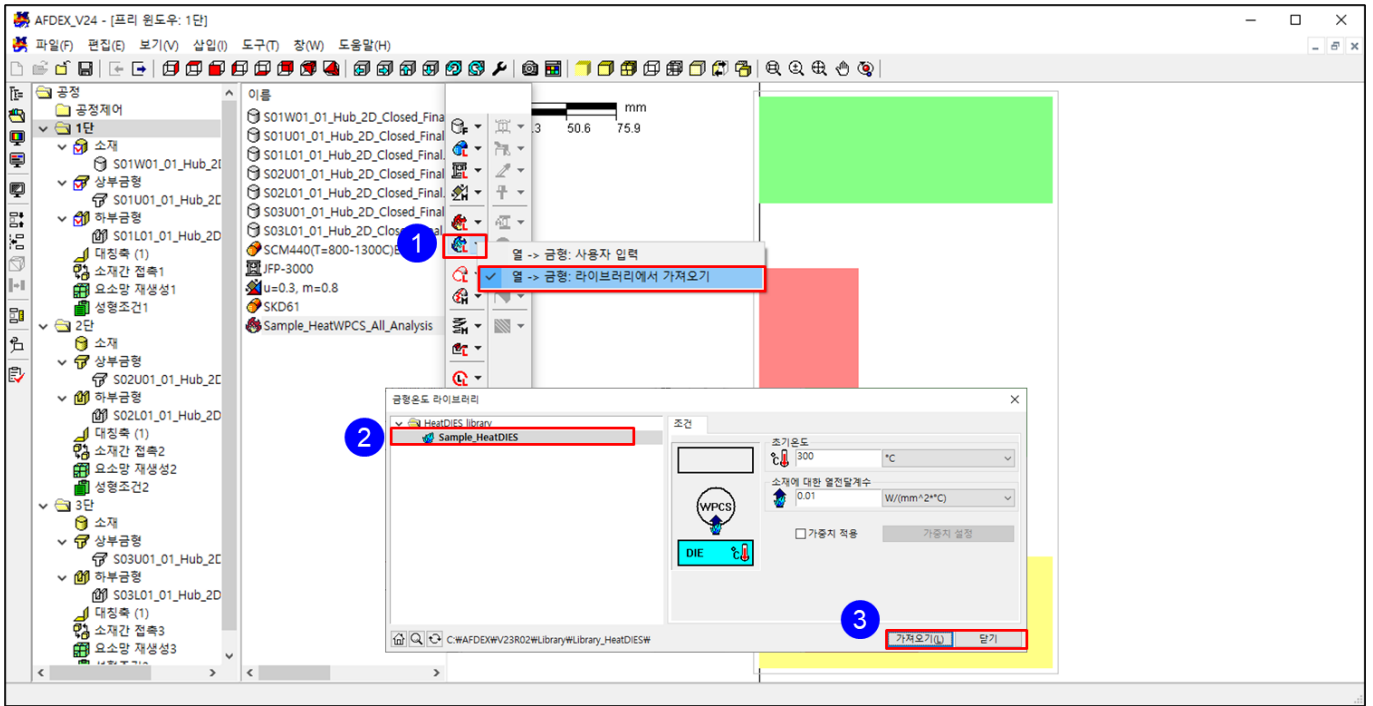


1. “ 열 -> 소재: 라이브러리에서 가져오기 ” 가 “ 열 -> 소재: 사용자 입력 ”
2. “ Sample HeatWPCS All Analysis ” 가 “ Sample HeatWPCS Not Analysis ”
3. “ 가져오기 ” 가 “ 열 -> 소재: 사용자 입력 ”

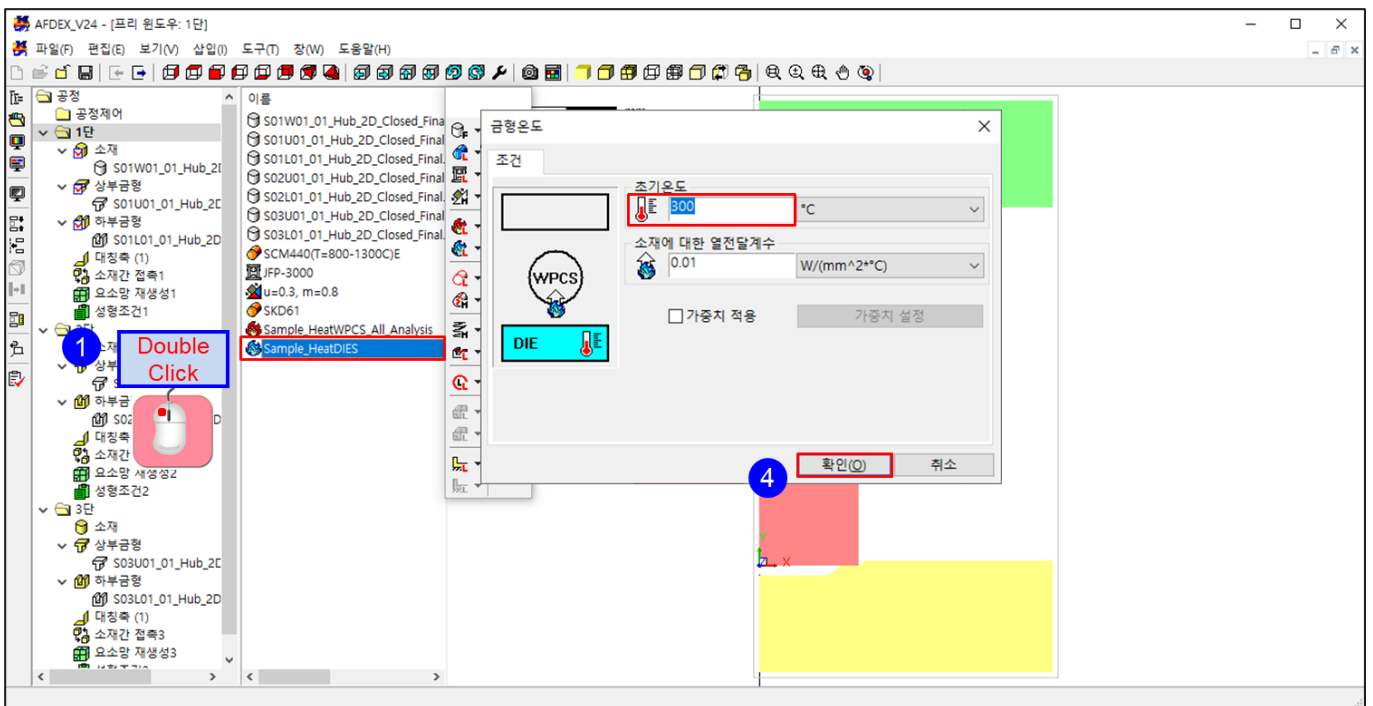


1. “ Sample HeatWPCS All Analysis ”
2. “ 열 -> 소재: 사용자 입력 ”, “ 열 -> 소재: 라이브러리에서 가져오기 ”
3. “ 열 -> 소재: 사용자 입력 ”, “ 열 -> 소재: 라이브러리에서 가져오기 ”, “ 열 -> 소재: 사용자 입력 ”
4. “ 열 -> 소재: 사용자 입력 ”, “ 열 -> 소재: 라이브러리에서 가져오기 ”, “ 열 -> 소재: 사용자 입력 ”, “ 열 -> 소재: 라이브러리에서 가져오기 ”

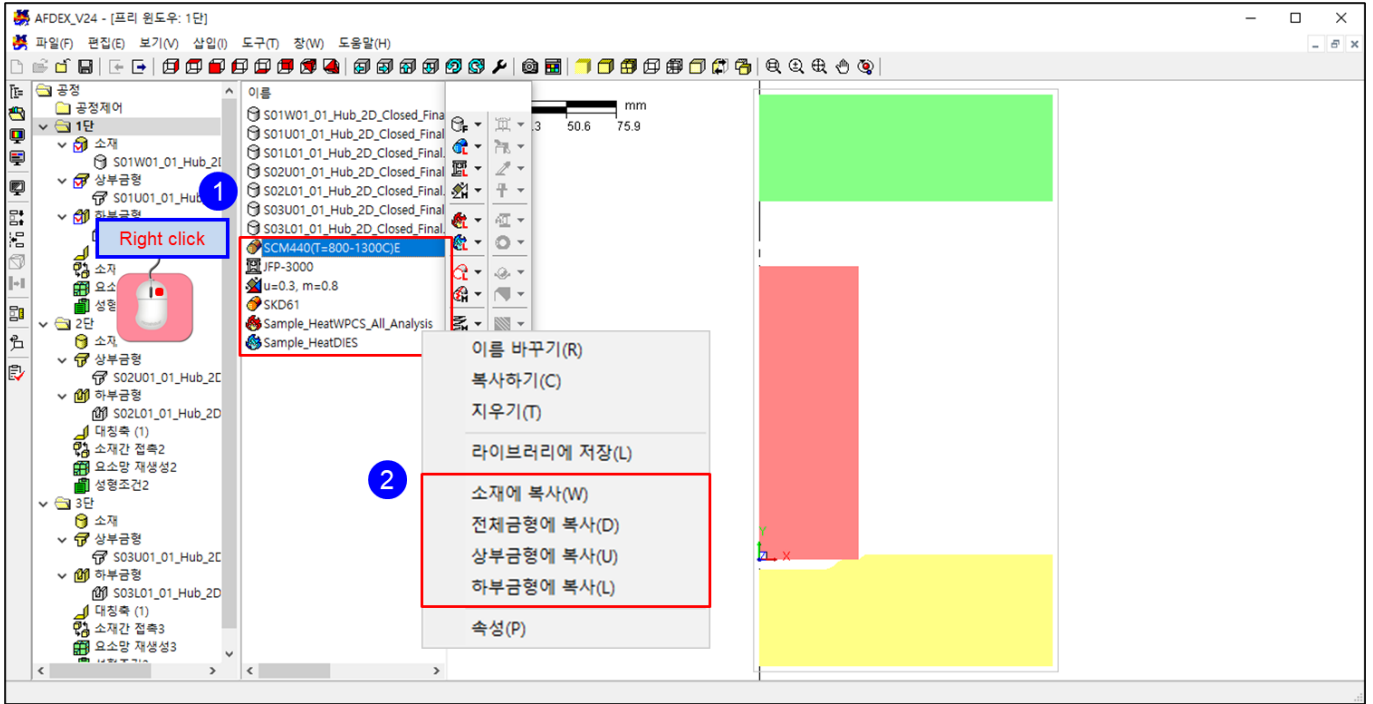
[()]



1. “ 열 -> 금형: 사용자 입력 ” 가 “ 열 -> 금형: 라이브러리에서 가져오기 ”
2. “ Sample HeatDIES ” , “Sample HeatDIES”
3. “ 가져오기 ” “ 가져오기 ”

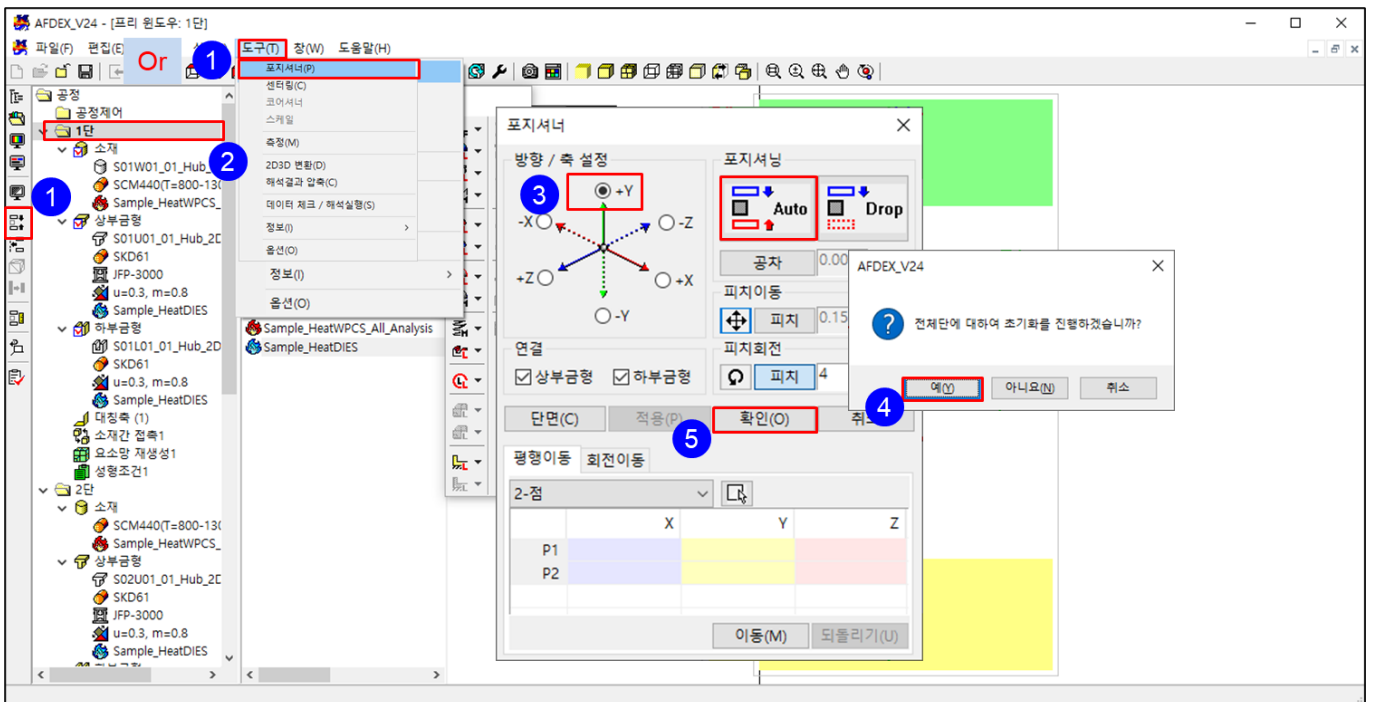


1. “Sample HeatDIES”
 2. “ Sample HeatDIES ” , “ Sample HeatDIES ” “ 조건 ” “ 300°C ” (“ Sample HeatDIES ” “ 조건 ” “ 300°C ”)
 3. “ Sample HeatDIES ” “ 조건 ” “ 300°C ”
- [“ Sample HeatDIES ” “ 조건 ” “ 300°C ”]



1. “ ”
2.
 - SCM440 :
 - JFP-3000 :
 - $\mu=0.3, m=0.8$:
 - SKD61 :
 - Sample HeatWPCS All Analysis :
 - Sample HeatDIES :

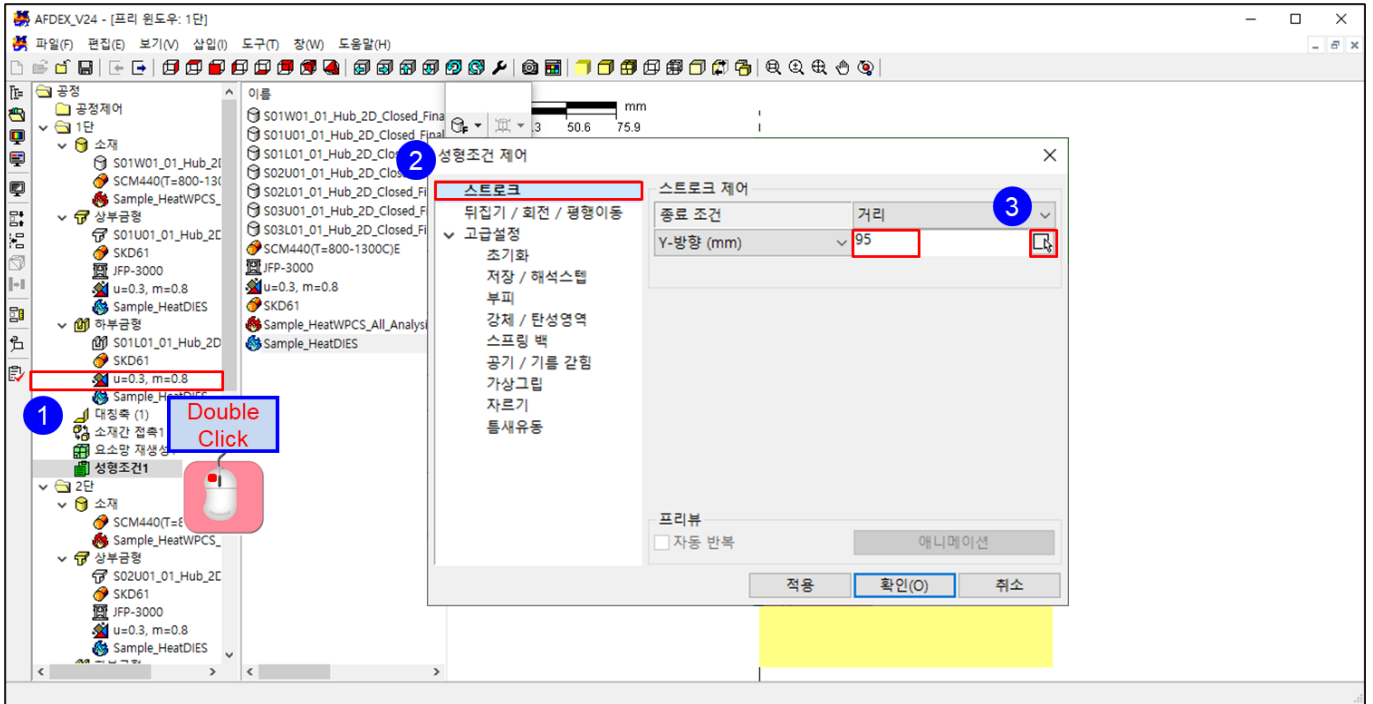
[:]



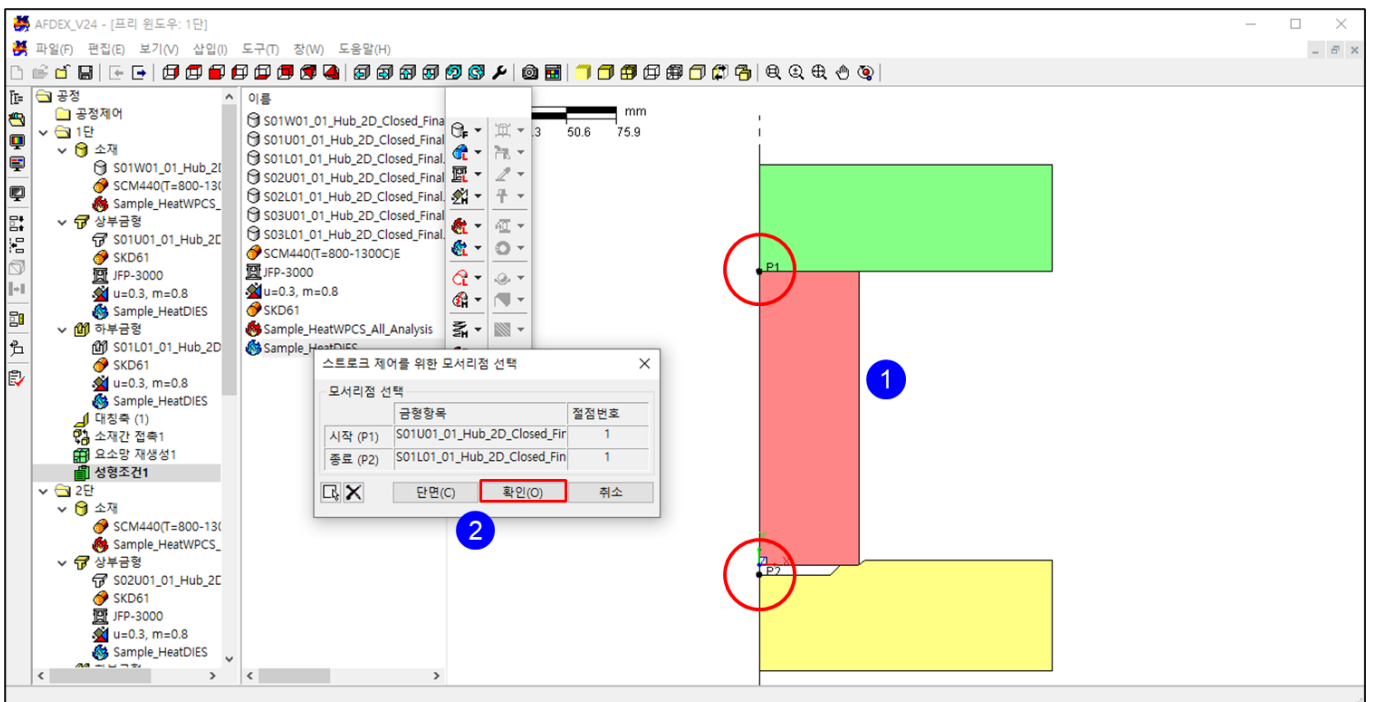
1. “ On/Off ” “ ” . (“ ” ”

2. “ ” , “ ” “ 1 ” .
3. “ ” , “ ” “Auto” .
4. “ ? ” , “ ” .
5. “ ” “ ” .

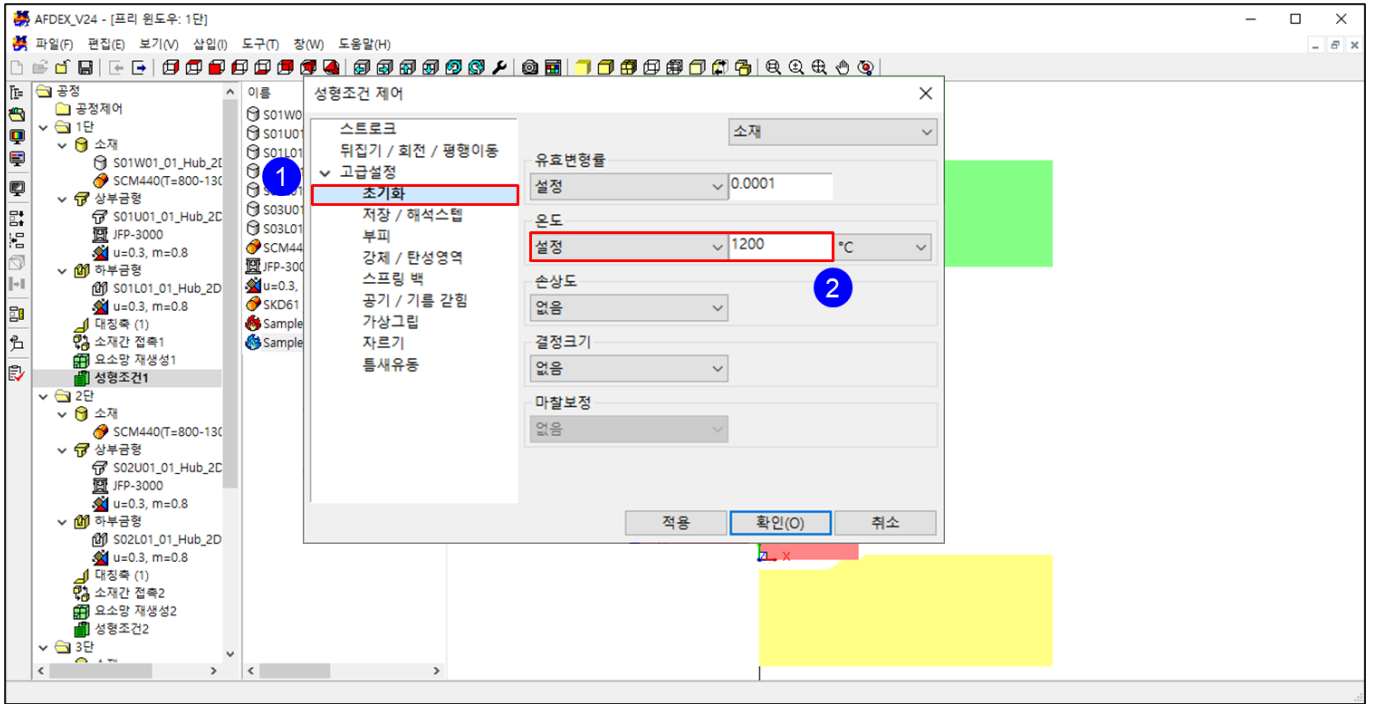
[1 :]



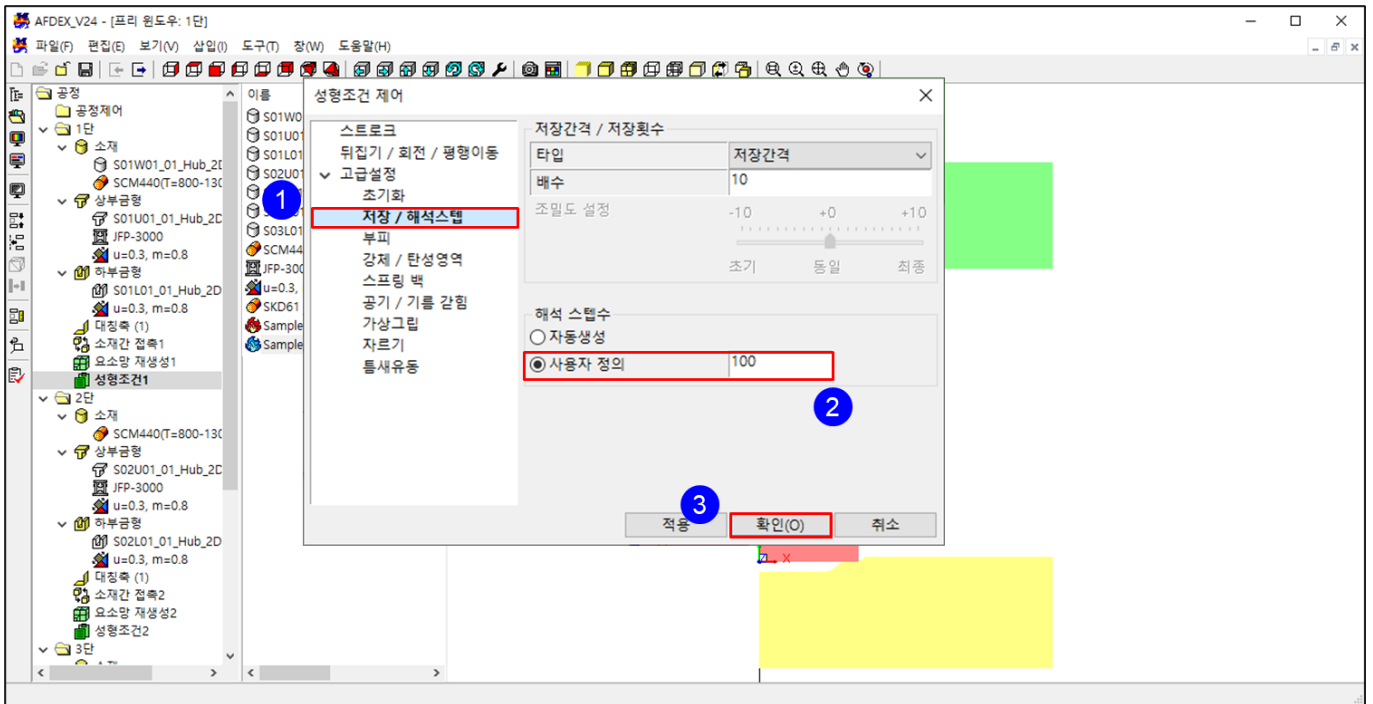
1. “ 1 ” .
2. “ ” , “ ” “ 95 ” .
3. “ ” .



1. .()
 2. “ ” .
- [1 :]

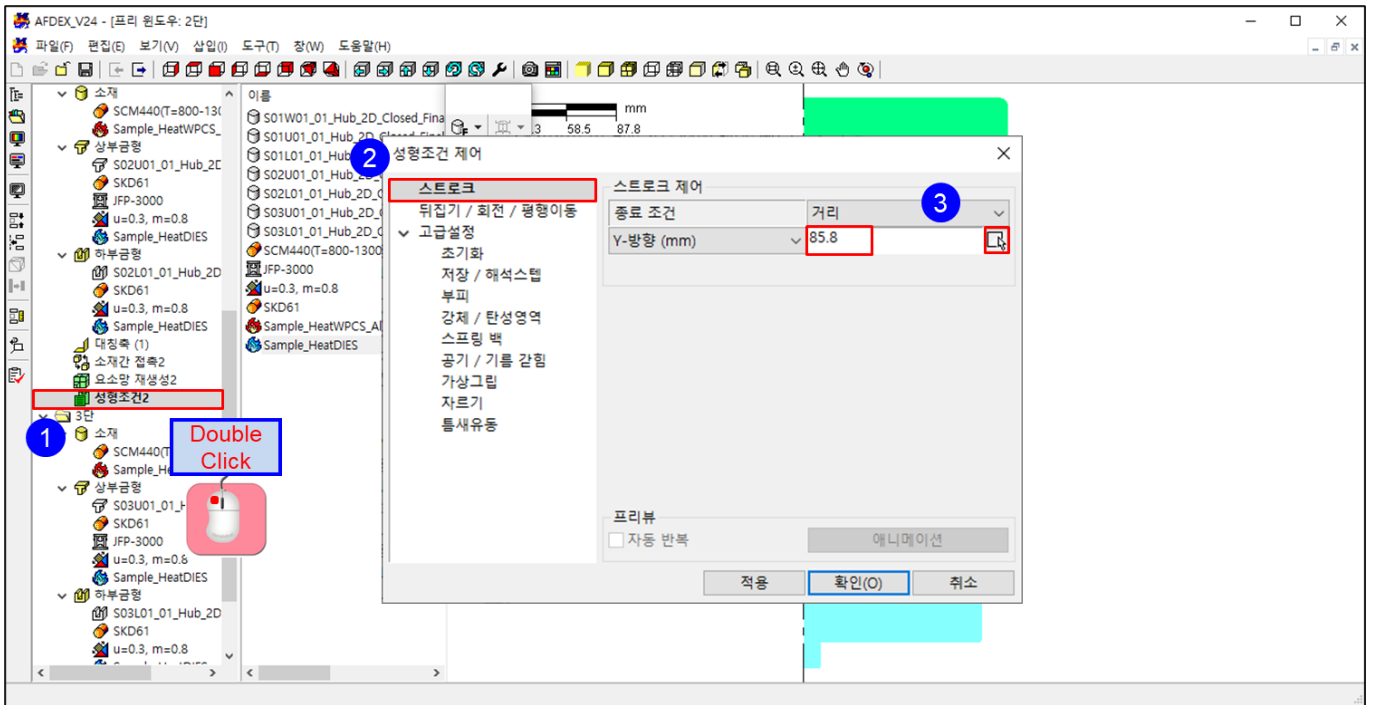


1. “ ” “ ”
2. “ ” “ 1200 ” .

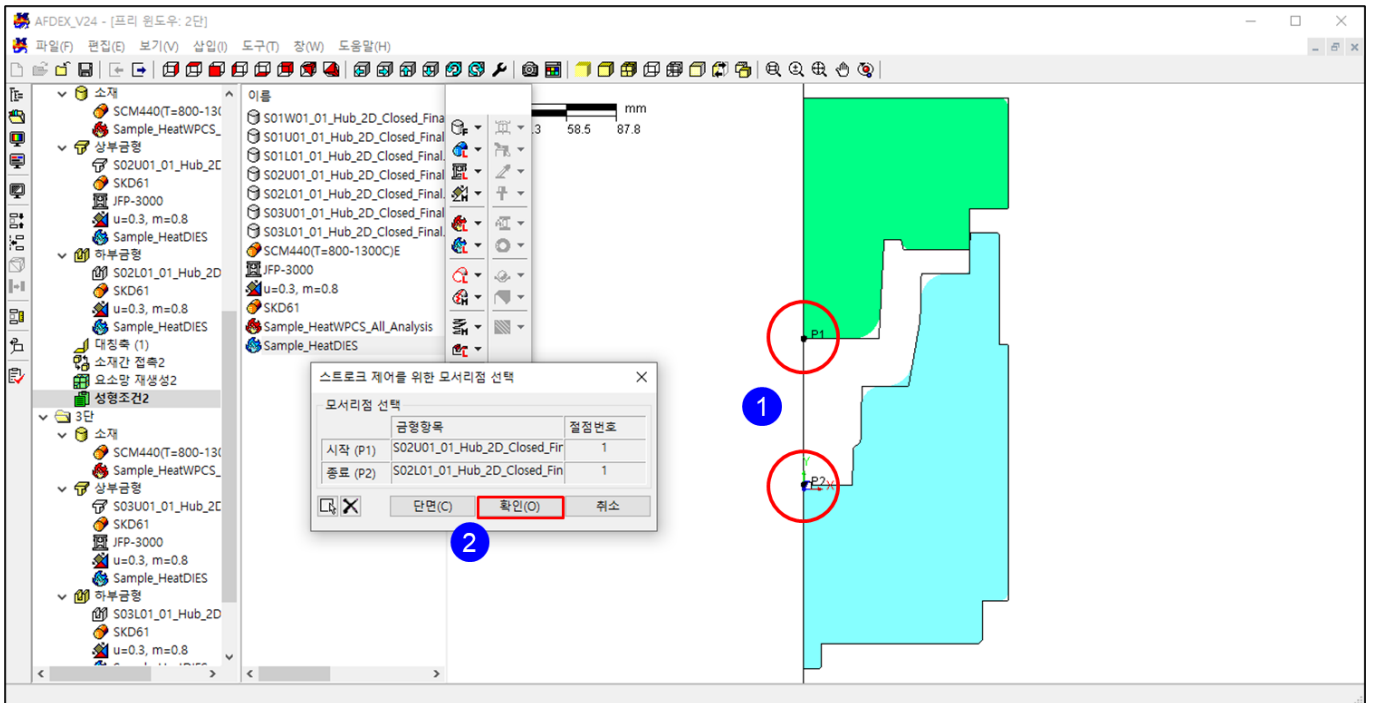


1. “ ” “ ” / “ ”
2. “ ” “ ” , “ 100 ” .
3. “ ”

[2 :]

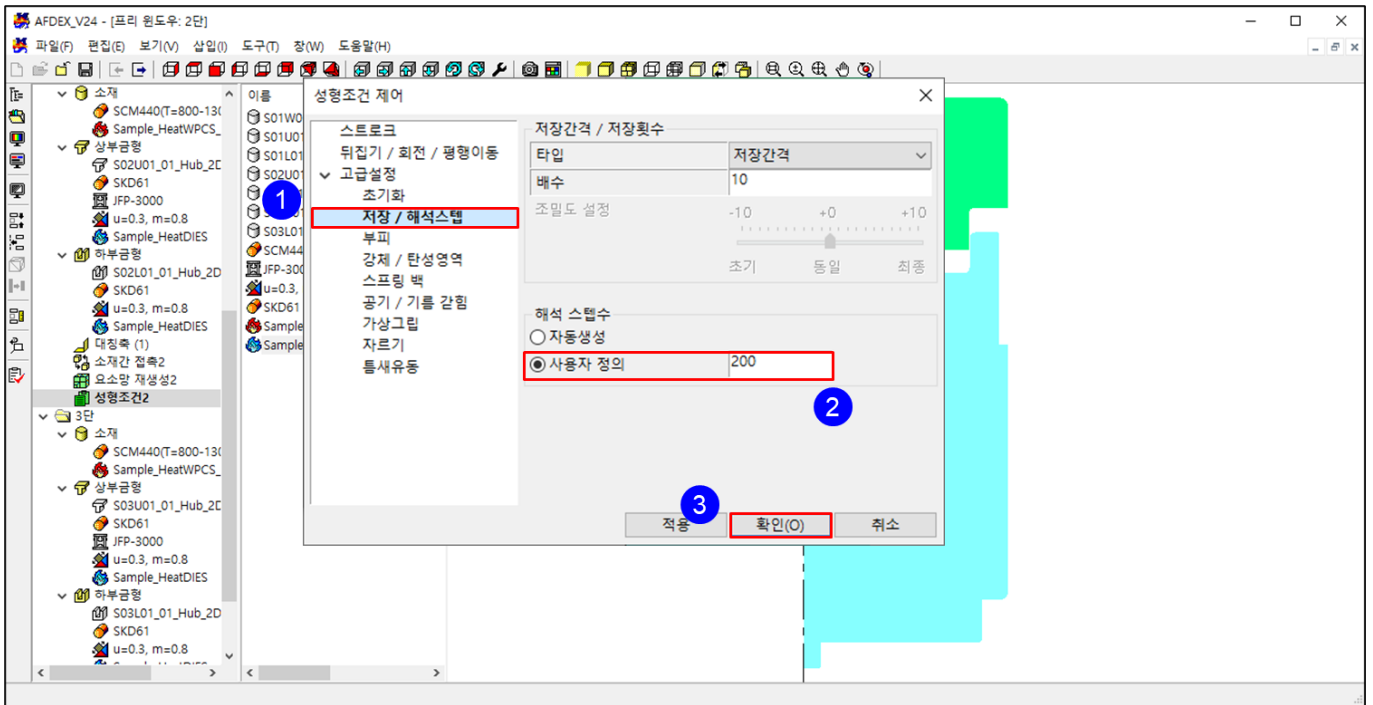


1. “ 2 ”
2. “ ” , “ ” “ 85.8 ”
3. “ ”



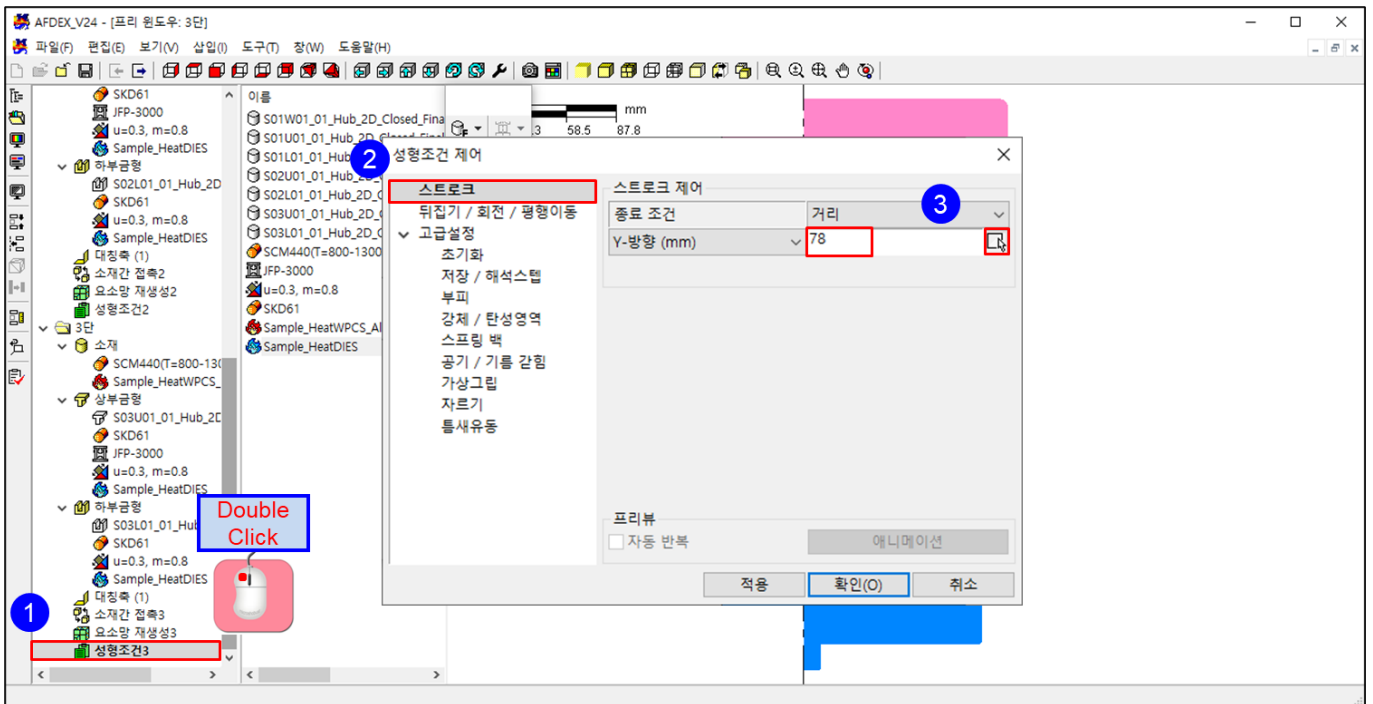
1. . ()
2. “ ”

[2 : /]



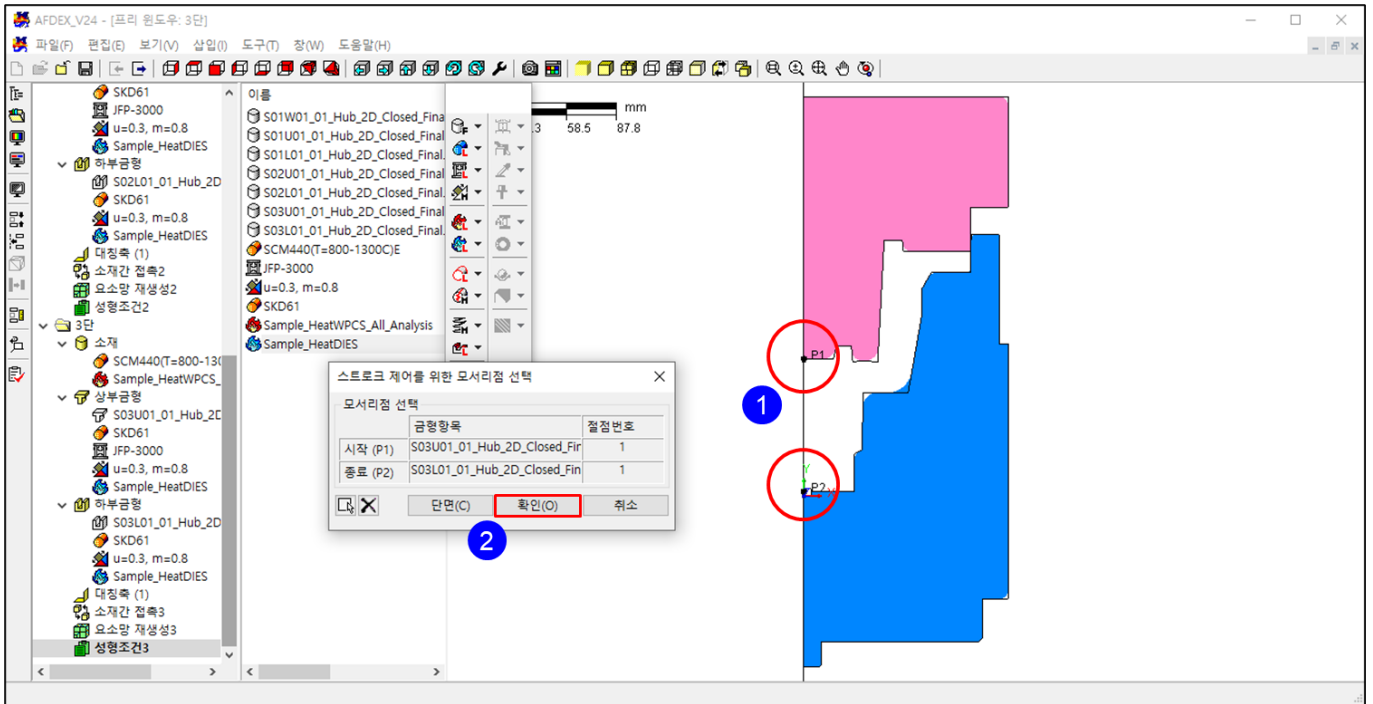
1. “ ” “ ” / ”
2. “ ” “ ” , “ 200 ”
3. “ ”

[3 :]



1. “ 3 ”
2. “ ” “ ” “ ” “ ” “ 78 ”

3. ” “

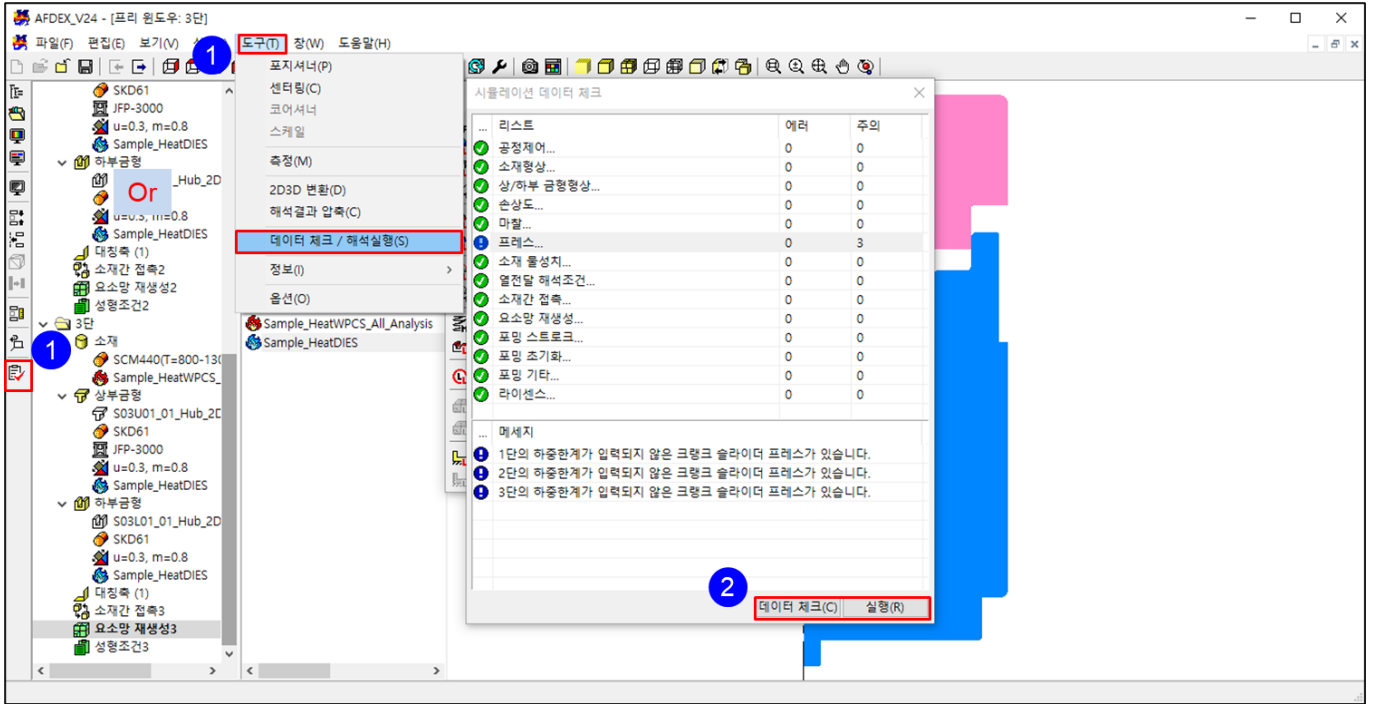


1. .()
2. “ ”

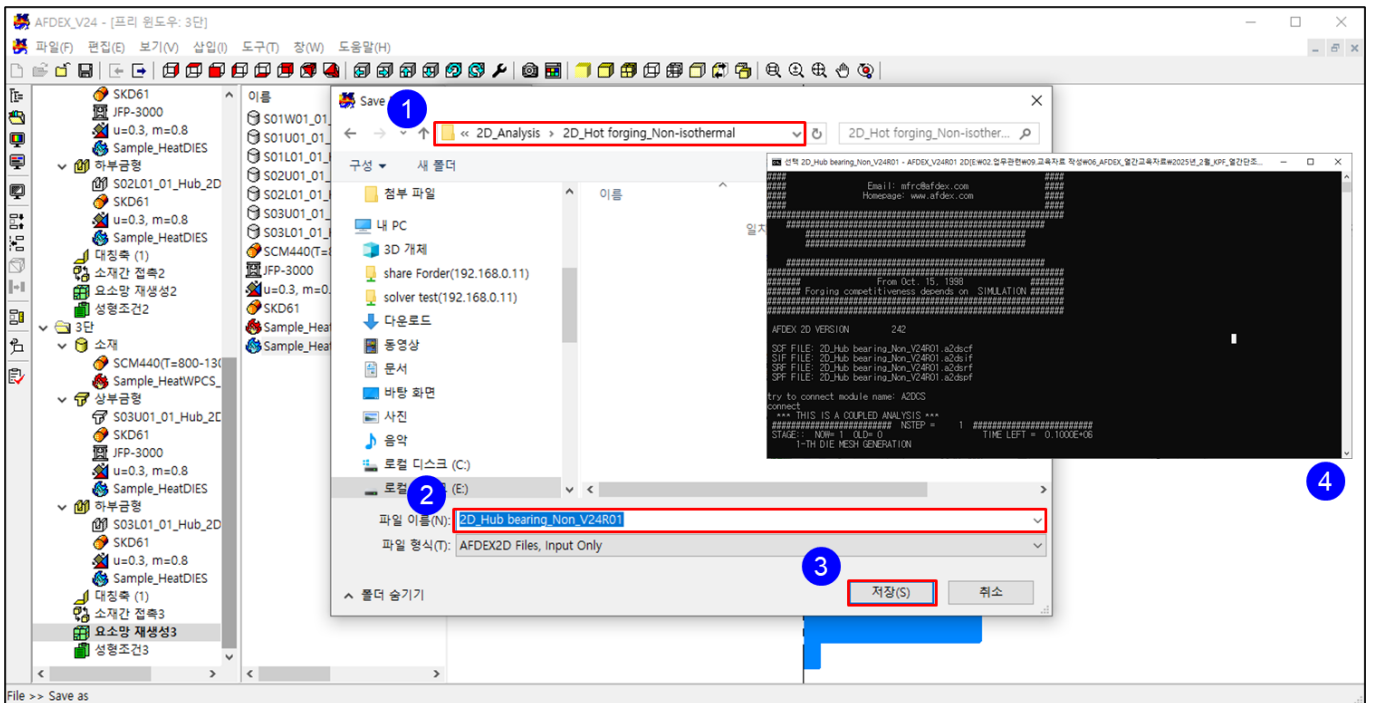
[3 : /]

1. “ ” “ / ”
2. “ ” “ ” , “ 300 ”
3. “ ”

[]

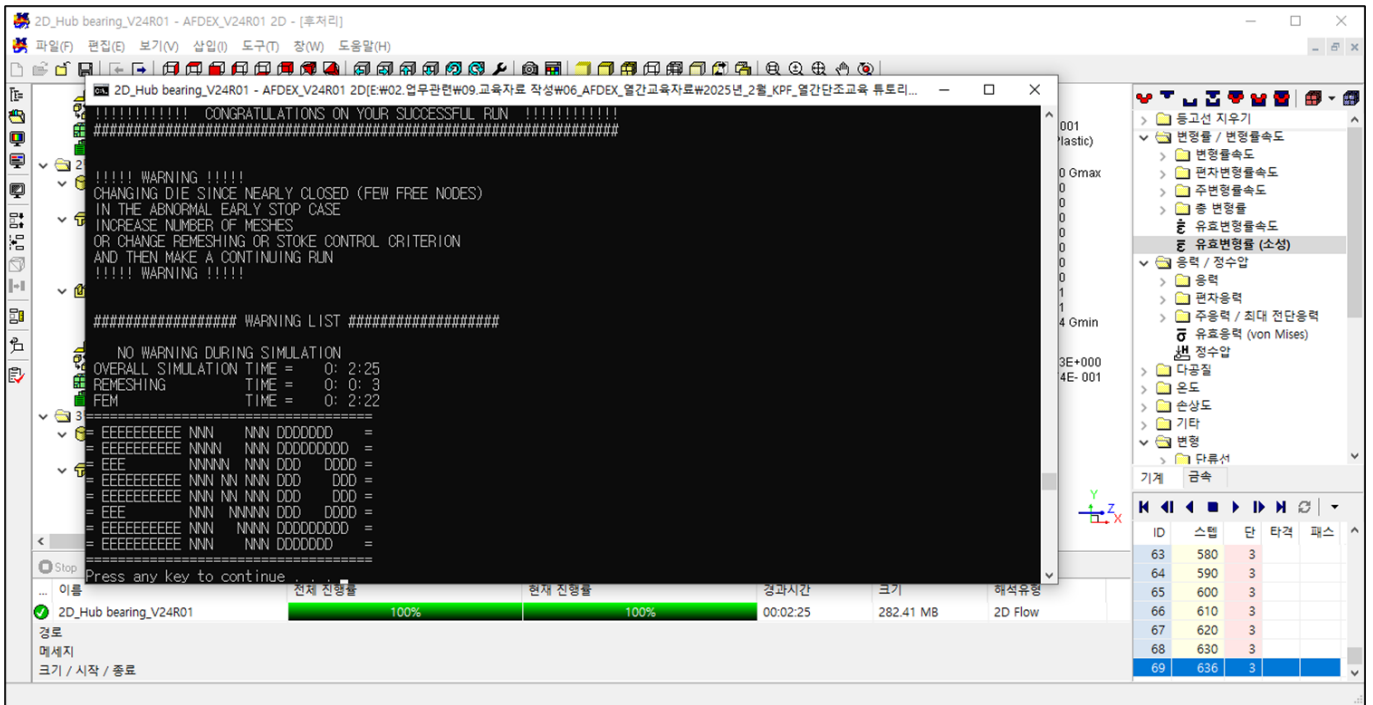


1. “ On/Off” “ / ” .(“
 2. “ / ”) “ ” “ ”
- []



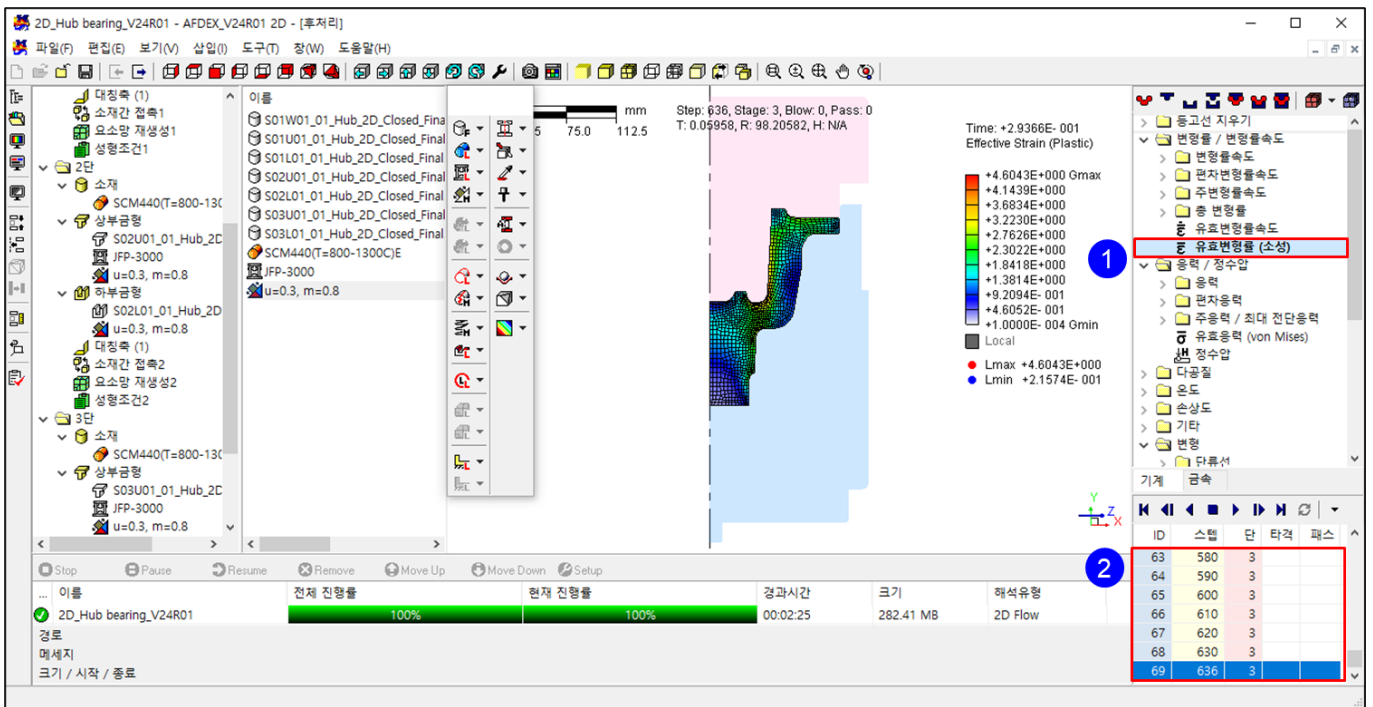
- 1.
2. “ ” .()
3. “ ” .
- 4.

[]



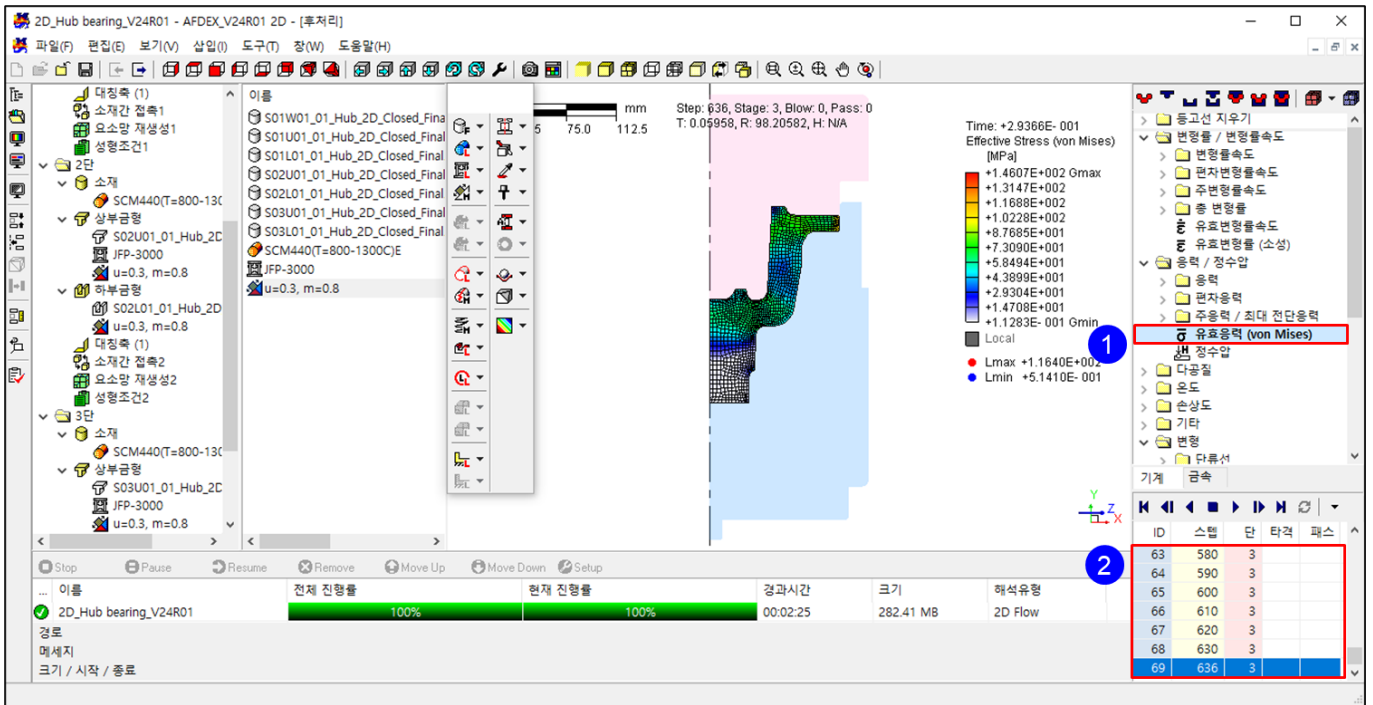
1. “END” 가 .

[:]



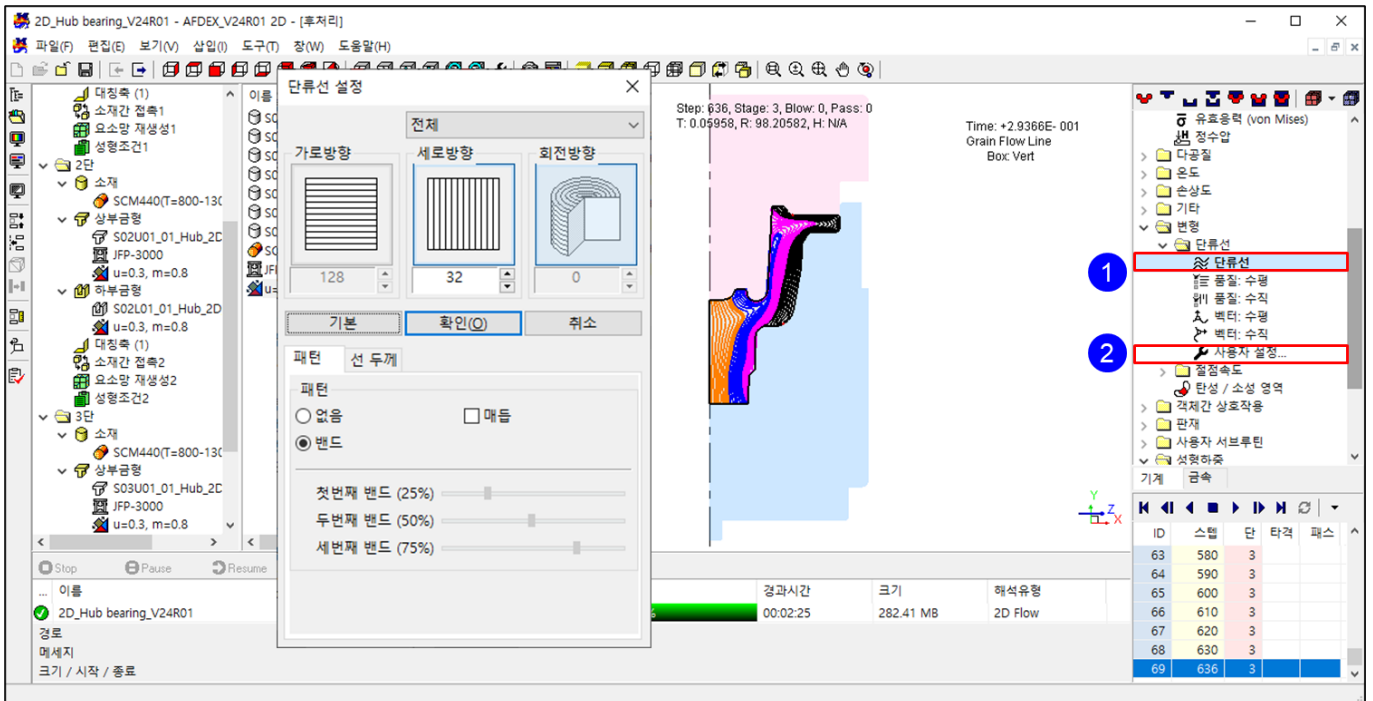
1. “ ” “ () ” . ()
2. 가

[:]



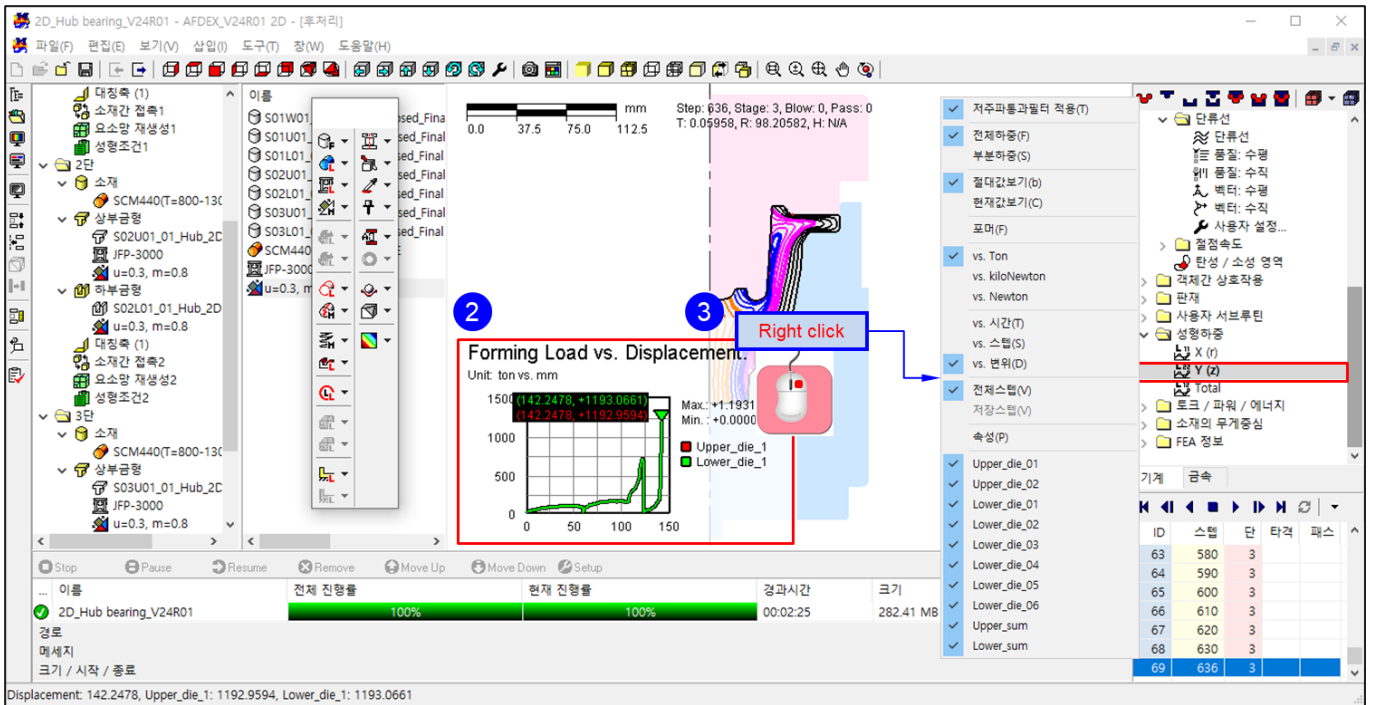
1. “ ” “ (von Mises)”
2. 가

[:]



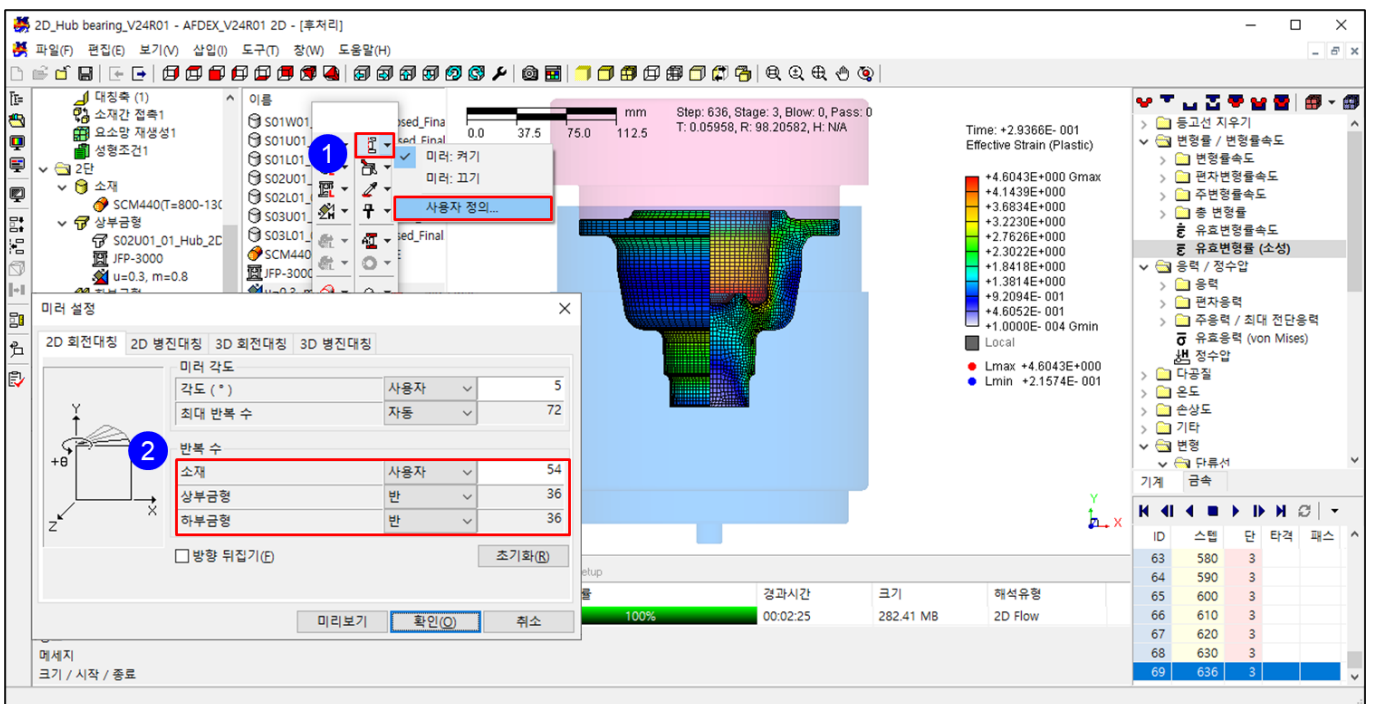
1. “ ” “ ”
2. “ ” , , , , ,

[:]



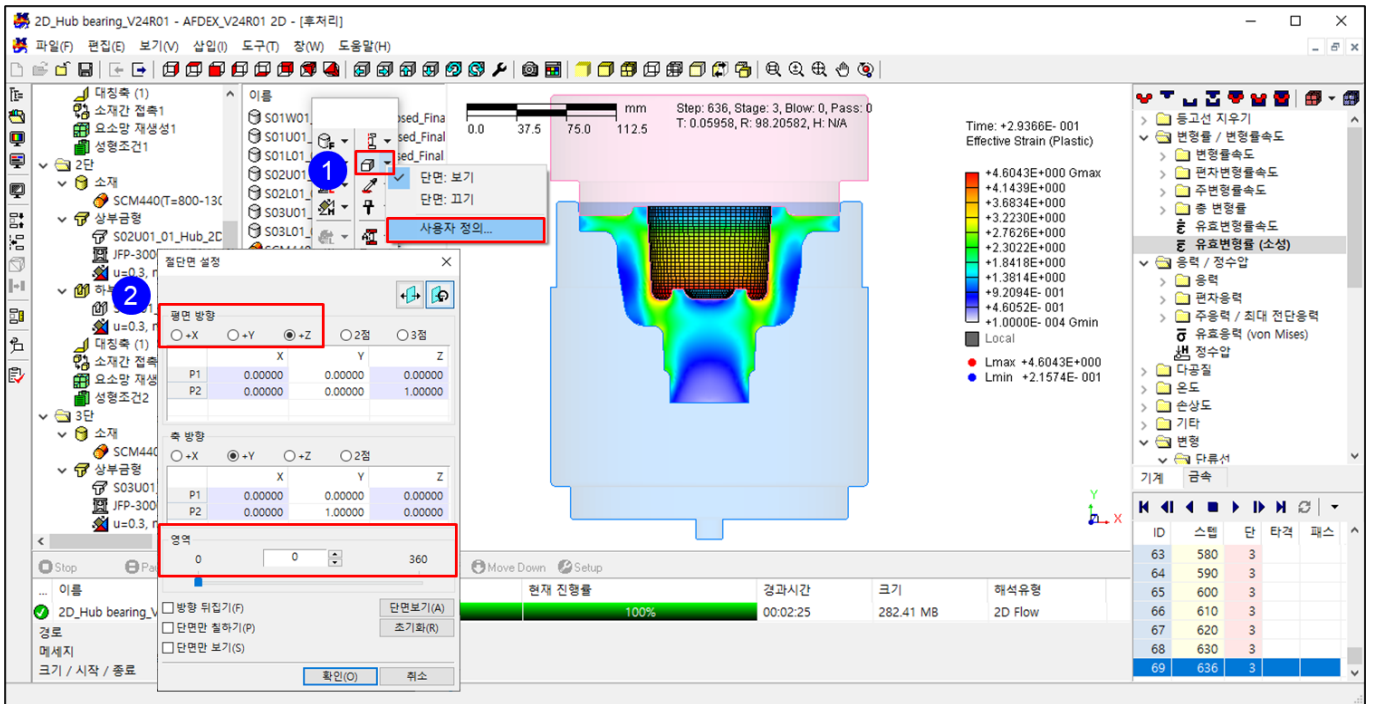
1. “ ” “ → Y (z) ” . (가 -Y , Y)
 2. Y .)
 3. “ , / , ”
- 가 . () , , , ”

[:]



1. “ ” “ ” 가 .
2. 가 .

[:]



1. “ ” “ ” 가 .
2. 가 .

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