

Ex03. 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

[: , , , 가] 18

[:] 19

[:] 19

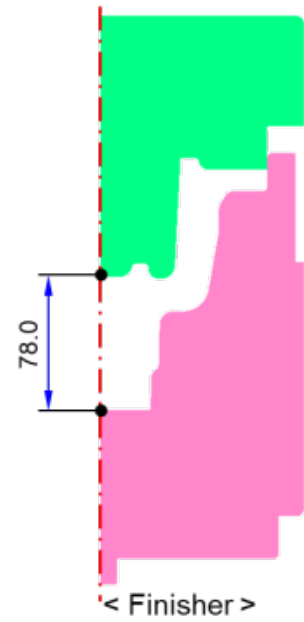
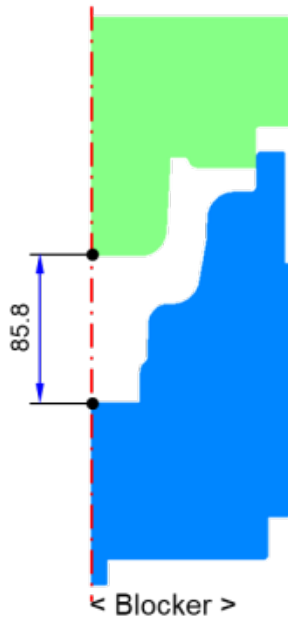
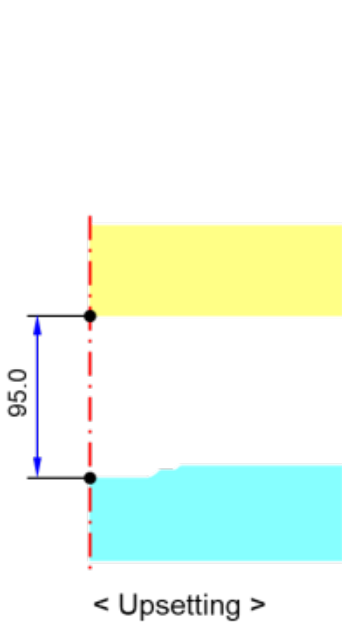
[:] 20

Ex03. 2

+

+

[]



[]

1.

-
-
- (+)
- :

2.

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

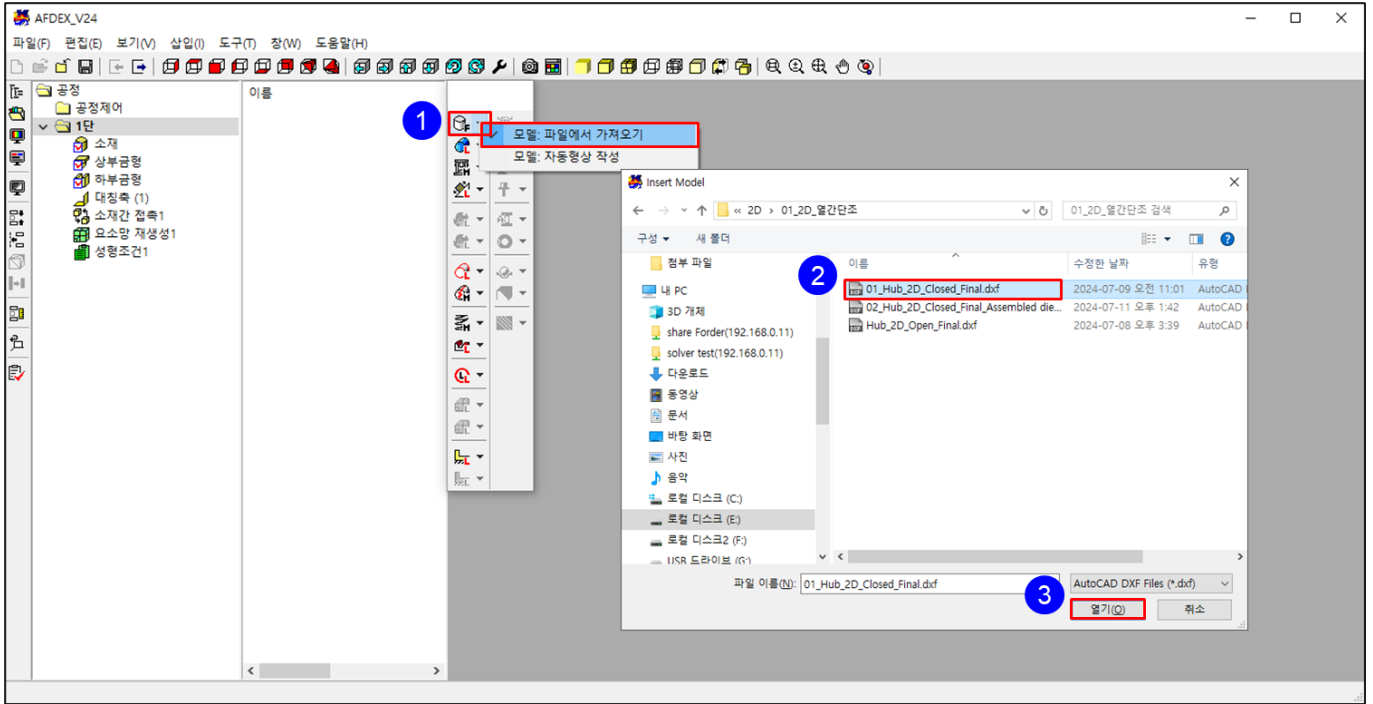
3.

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

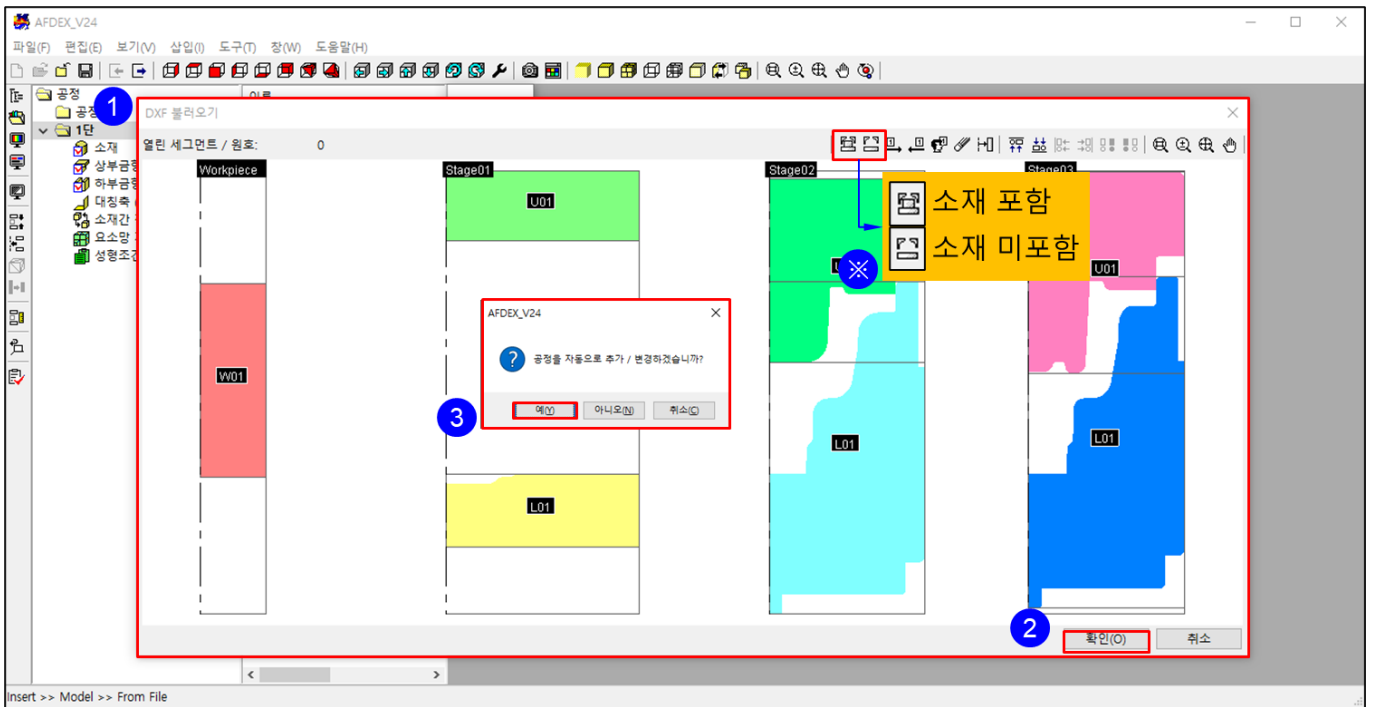
- : JFP-3000 →
- : 0.0 mm/s()

4.

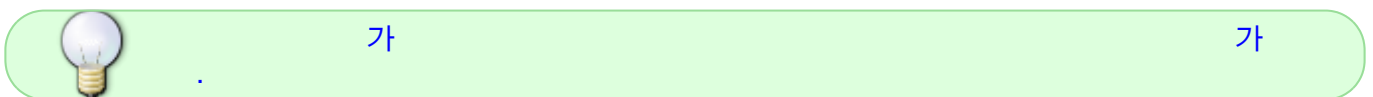
-
- Sample_HeatWPCS_All_Analysis →
- : 1s
- : 1s
- / : 1s

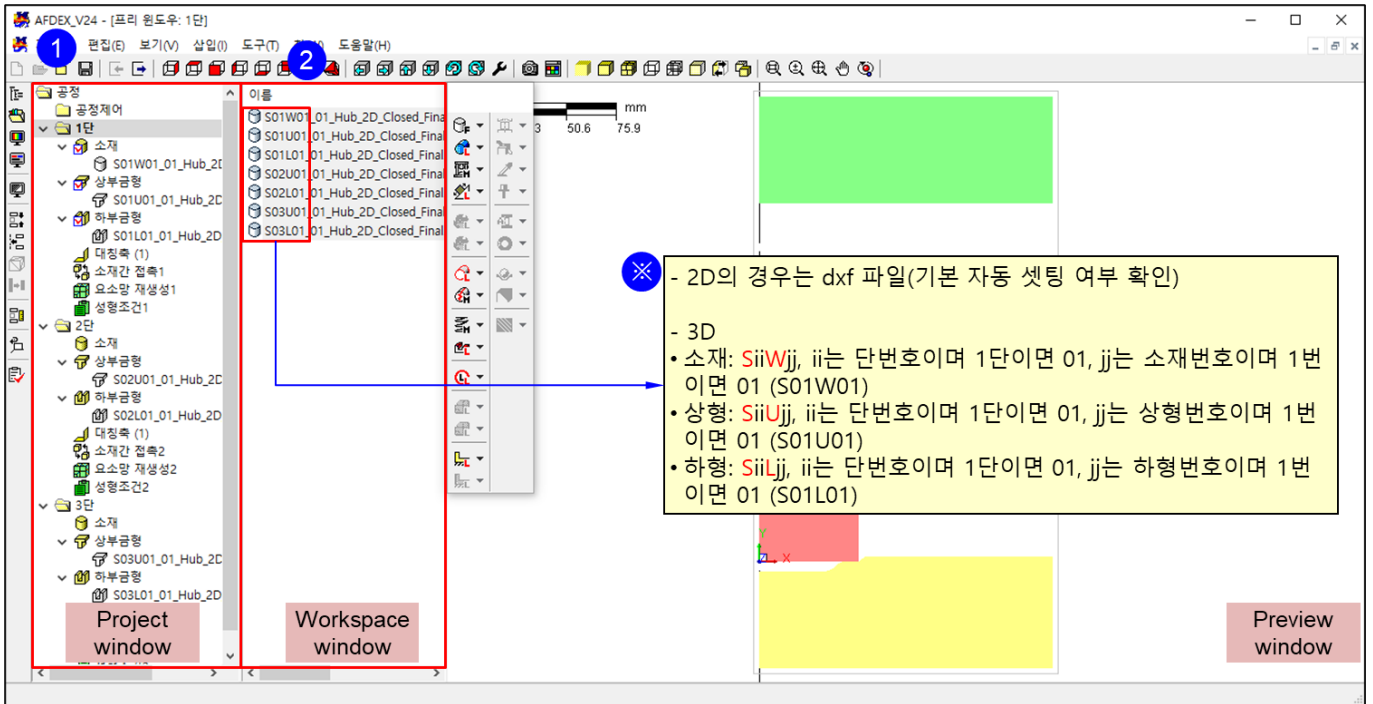


1. “ : 가 ”
2. , “***.dxf”
3. “ ”

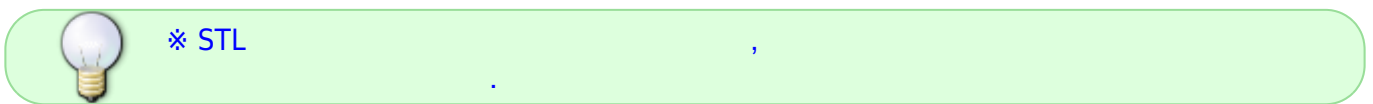


1. “DXF ”
2. 가 , “ ” .(,가)
3. “ 가 / ? ” , “ ” . “ ” , “ 가 ” , “ 가 ” .

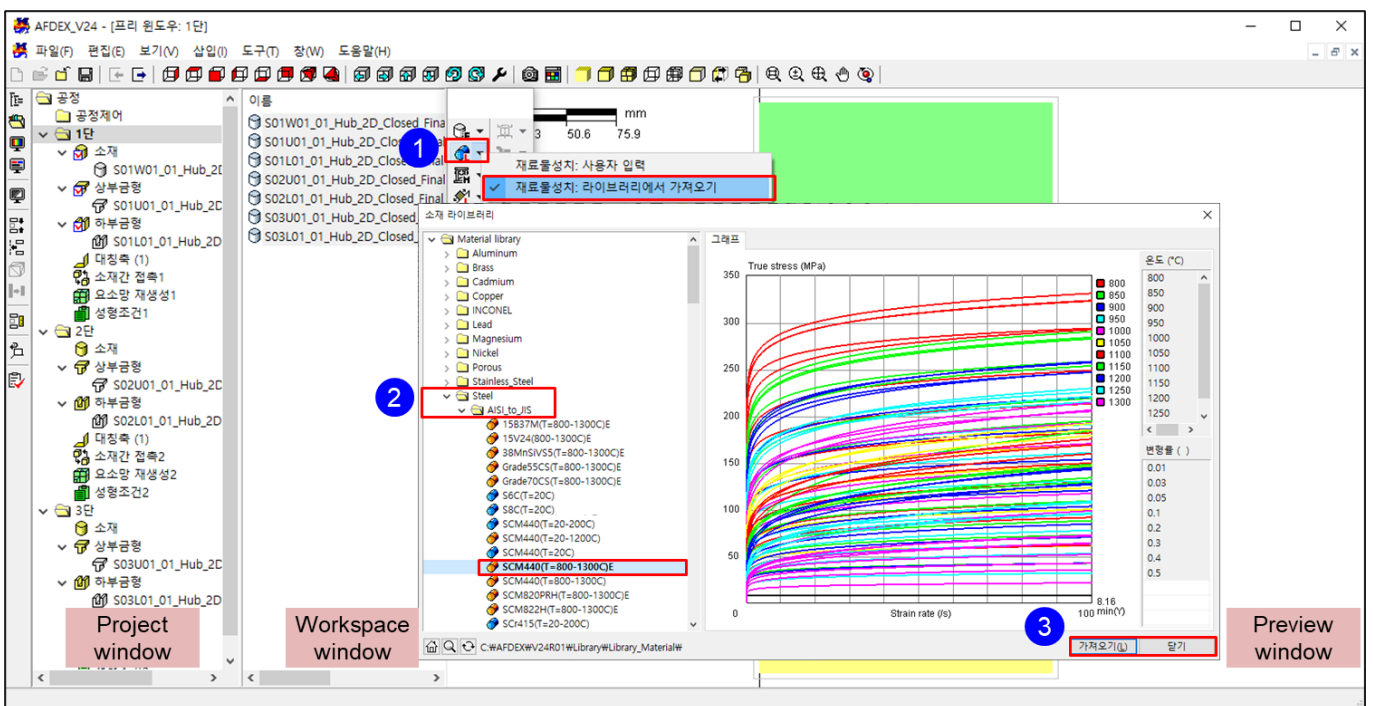




1. “ ” 가
2. “ ” “ ” 가



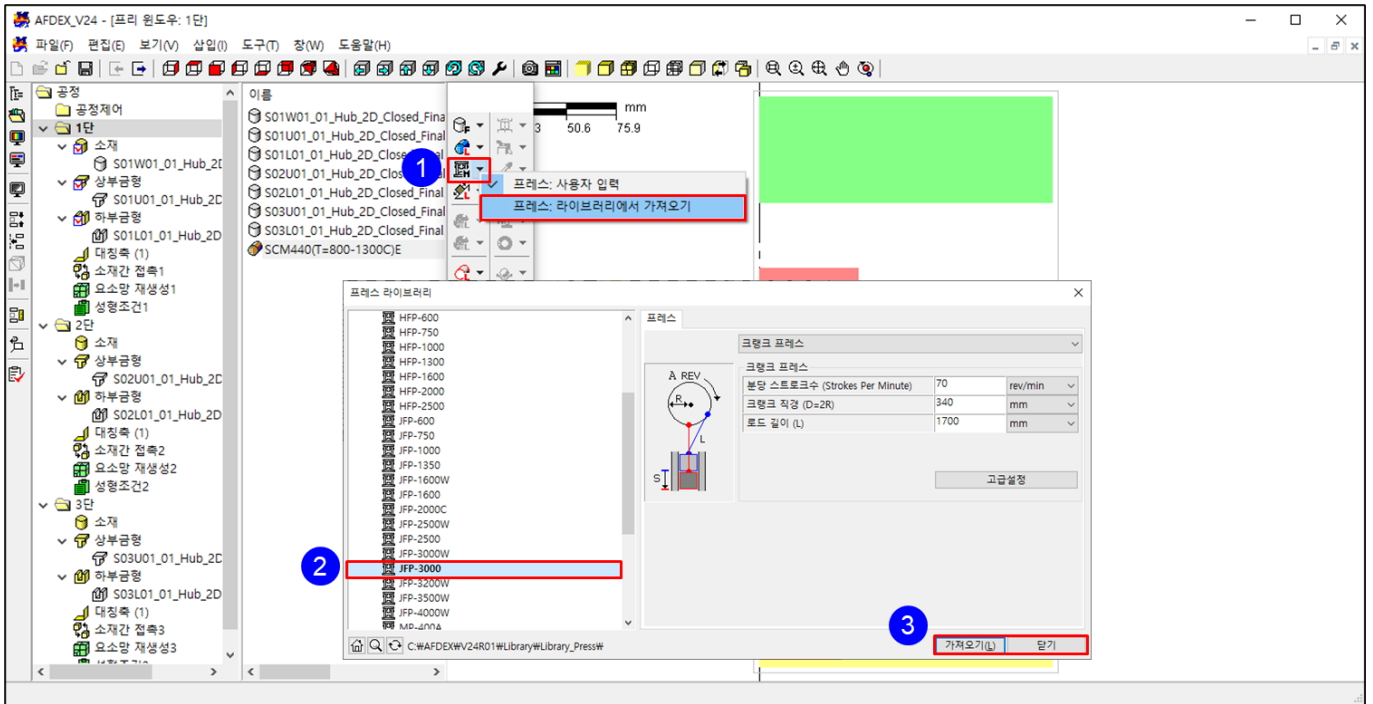
[]



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

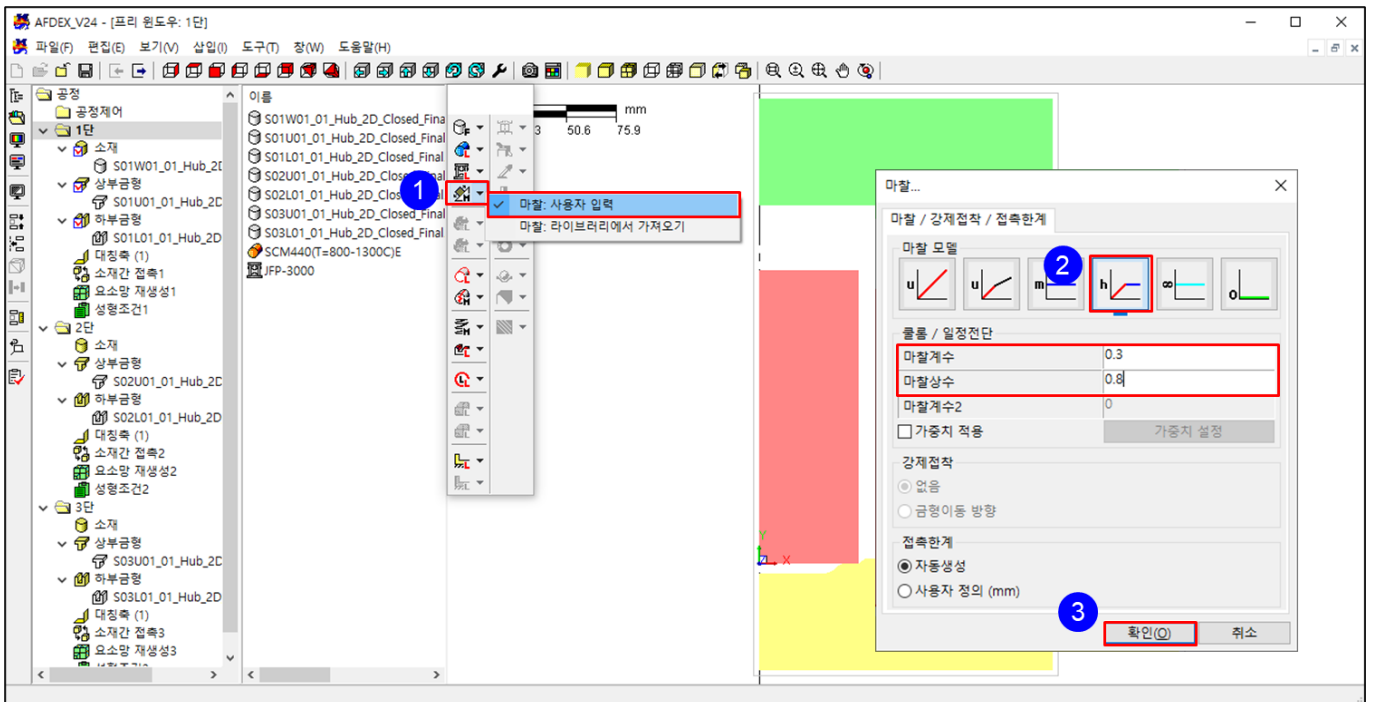
3. “가”

[()]



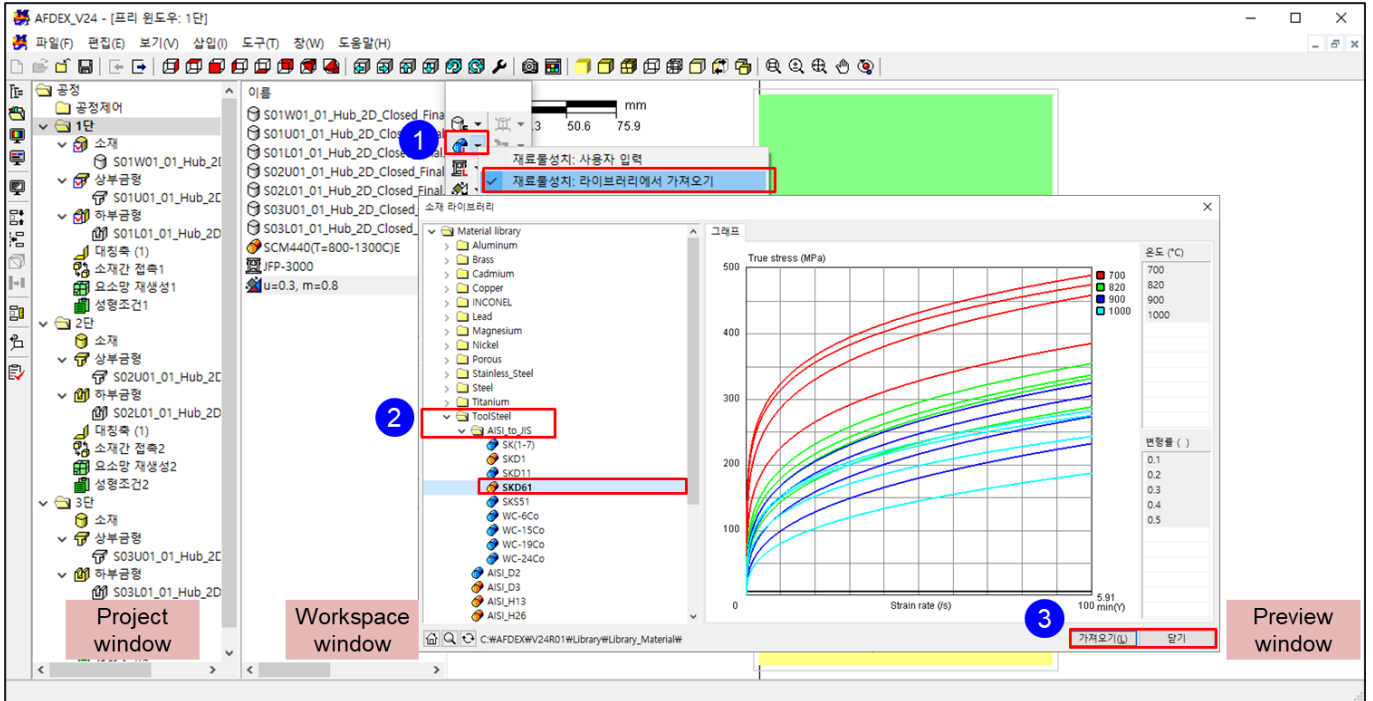
1. “ : ” 가 ”
2. “ ” , “JFP-3000”
3. “가”

[]



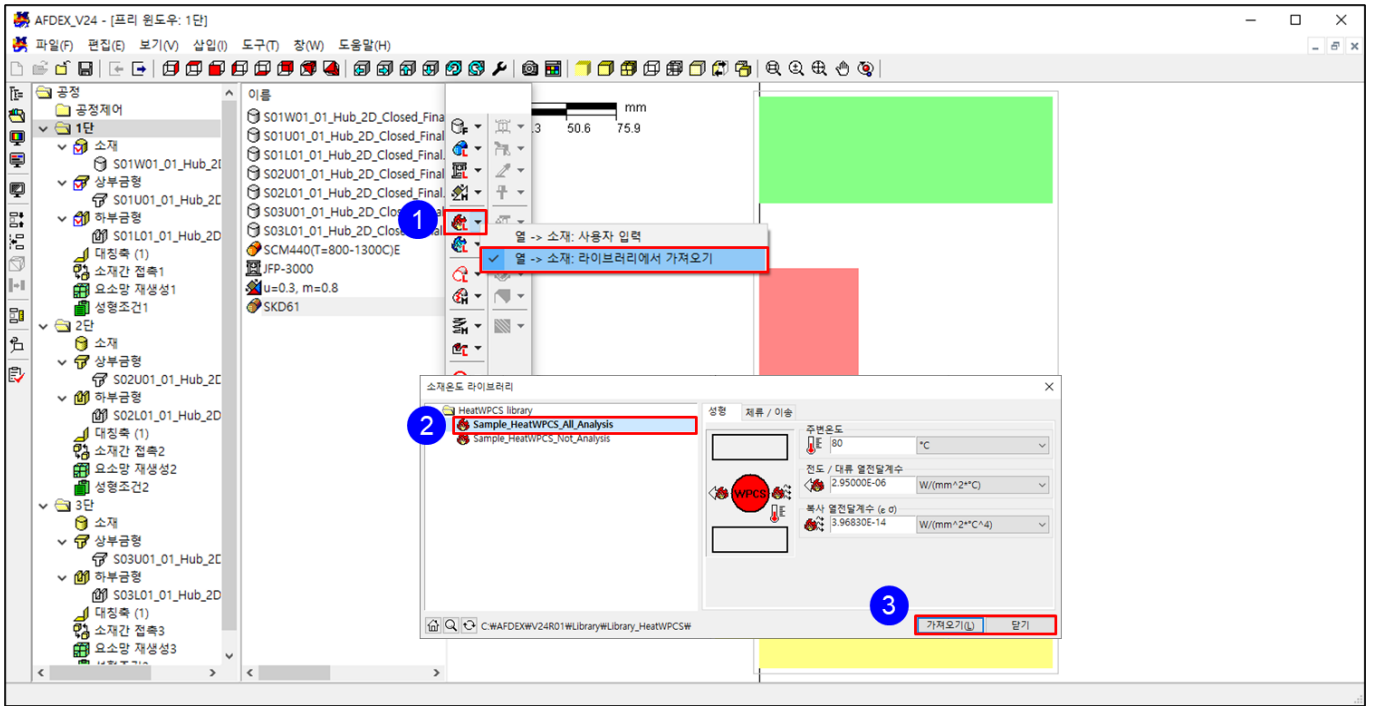
1. “ : ”
2. “ ” Hybrid ”
3. “ 0.3, 0.8 ”

[]

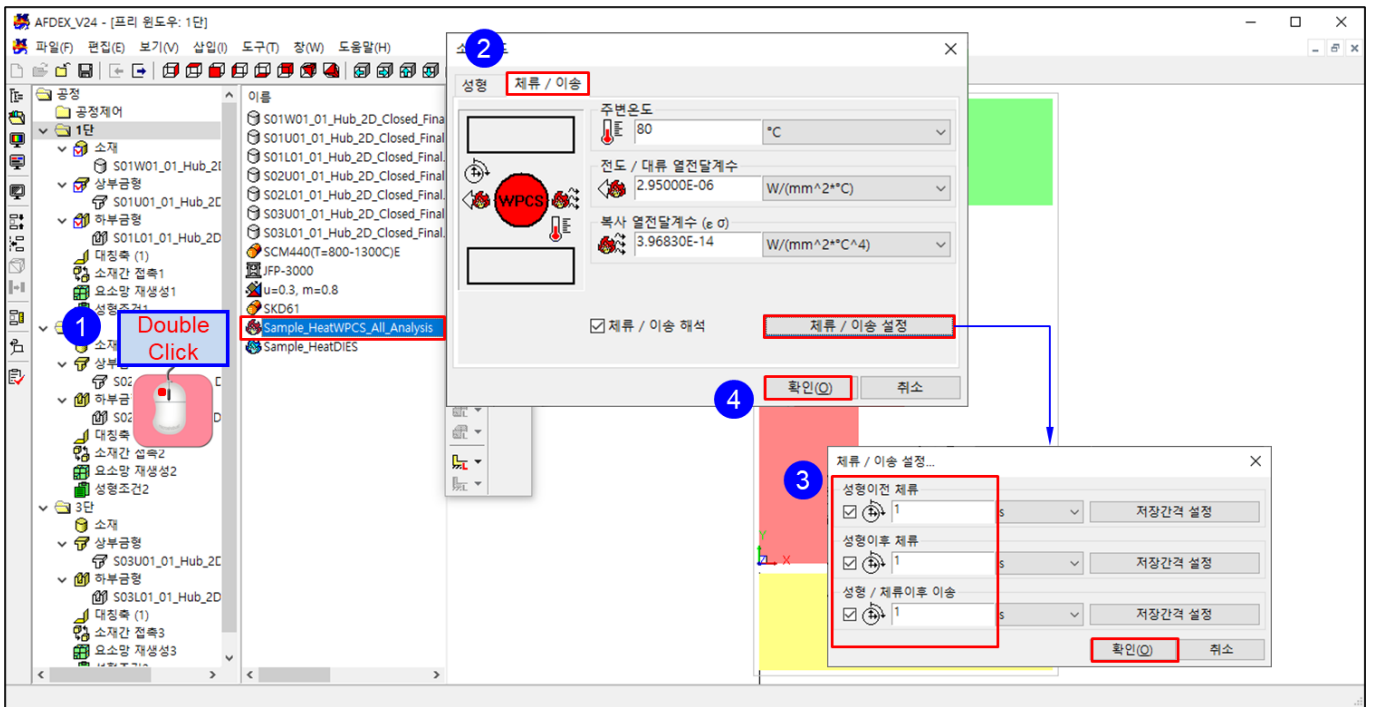


1. “ : 가 ”
2. “ ” , “ToolSteel → AISI to JIS → SKD61”
3. “ 가 ” “ ”

[()]

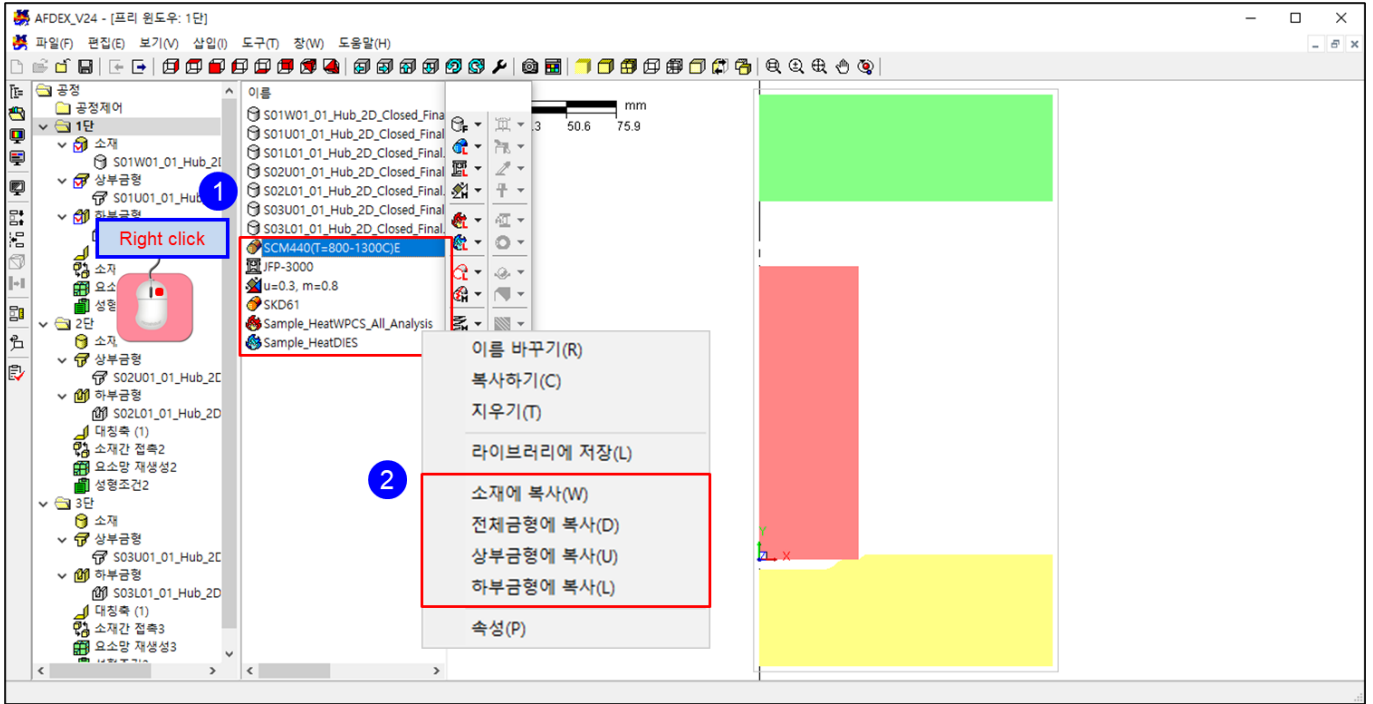


1. “ ” : “ ” 가 ”
2. “ ” ” , “Sample HeatWPCS All Analysis”
3. “ 가 ” “ ” “ ”



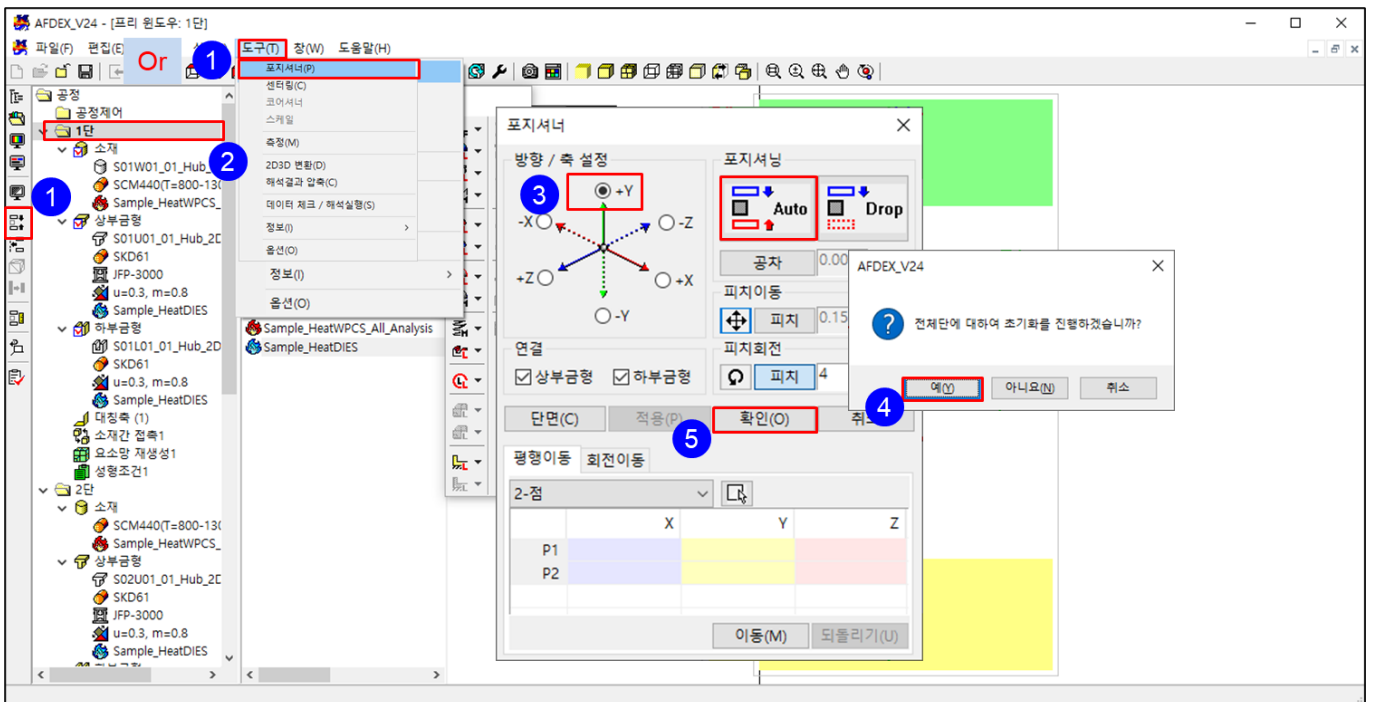
1. “Sample HeatWPCS All Analysis”
2. “ ” ” , “ / ” , “ / ”
3. “ / ” ” , “ , ” /
4. “ ” “ ” (1) “ ”

[()]



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

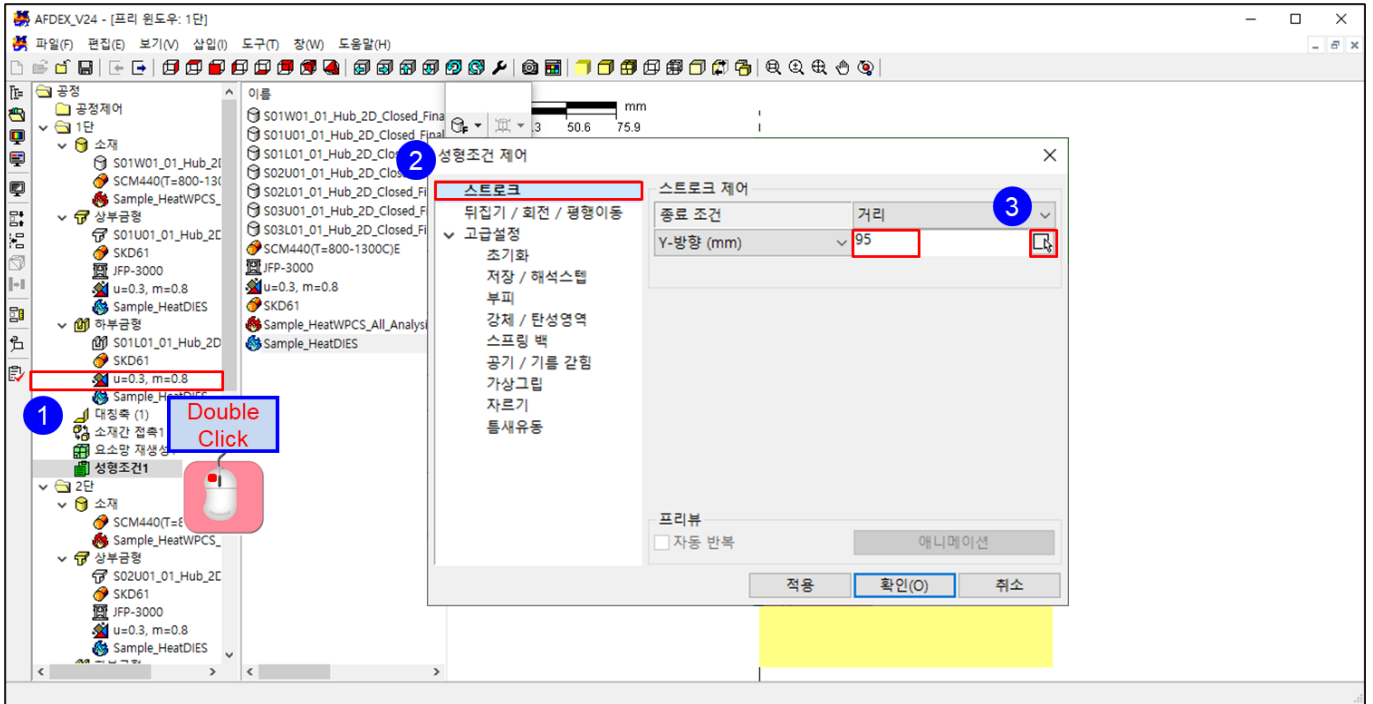
[:]



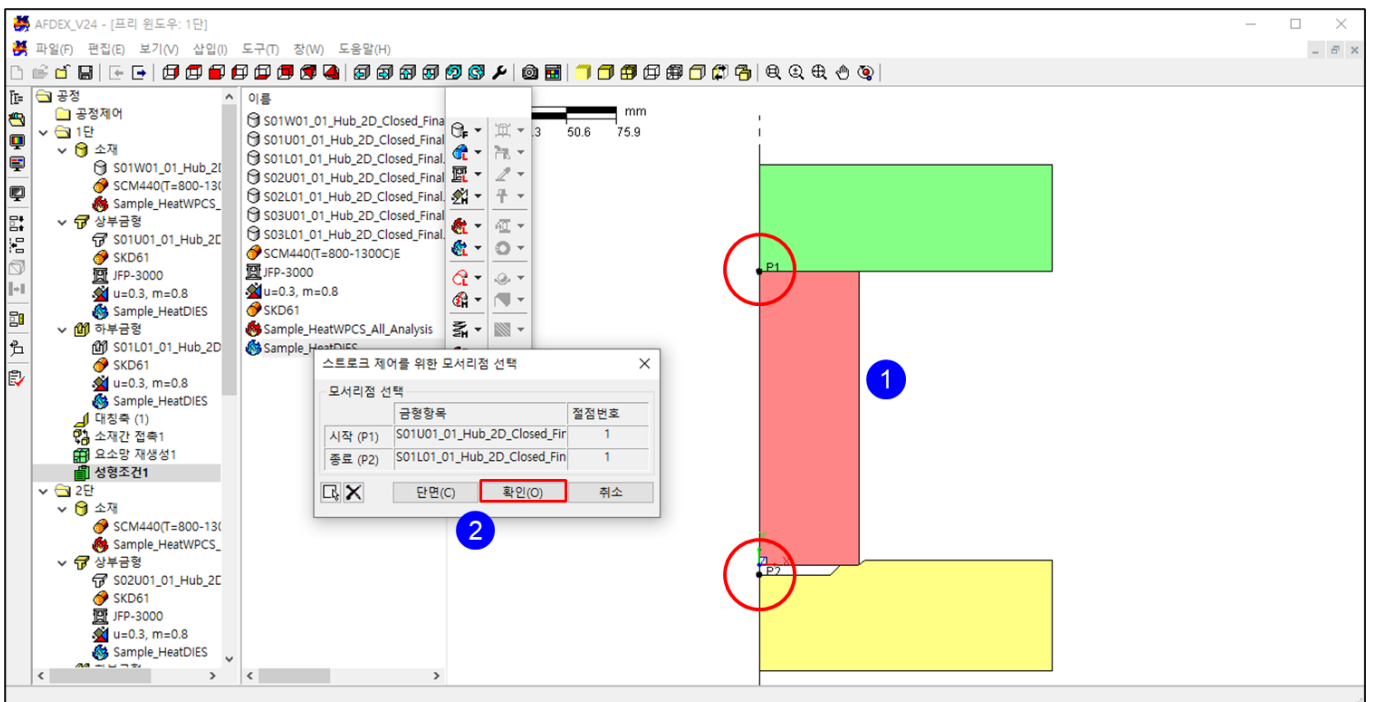
1. “ On/Off ” “ ” .(“ ” ”

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

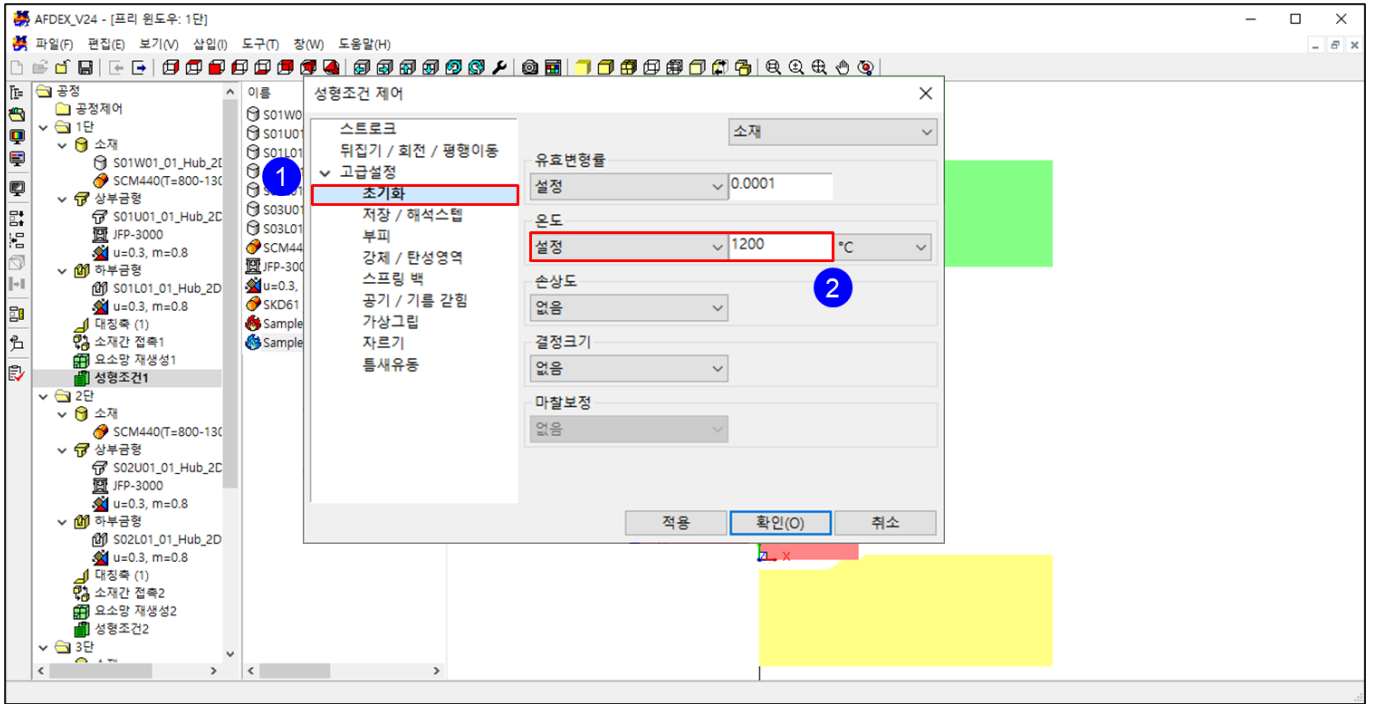
[1 :]



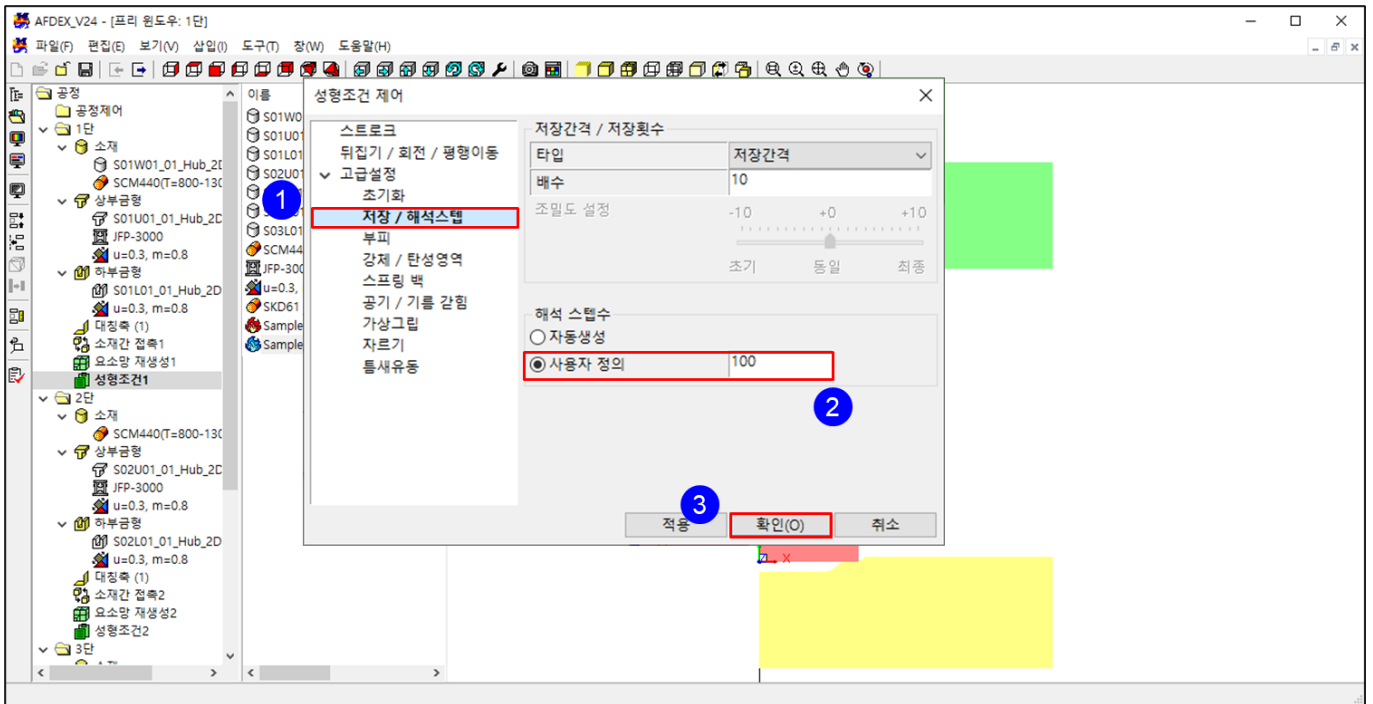
1. “ 1 ” .
2. “ ” , “ ” “ 95 ” .
3. “ ” .



1. . ()
 2. “ ” .
- [1 :]

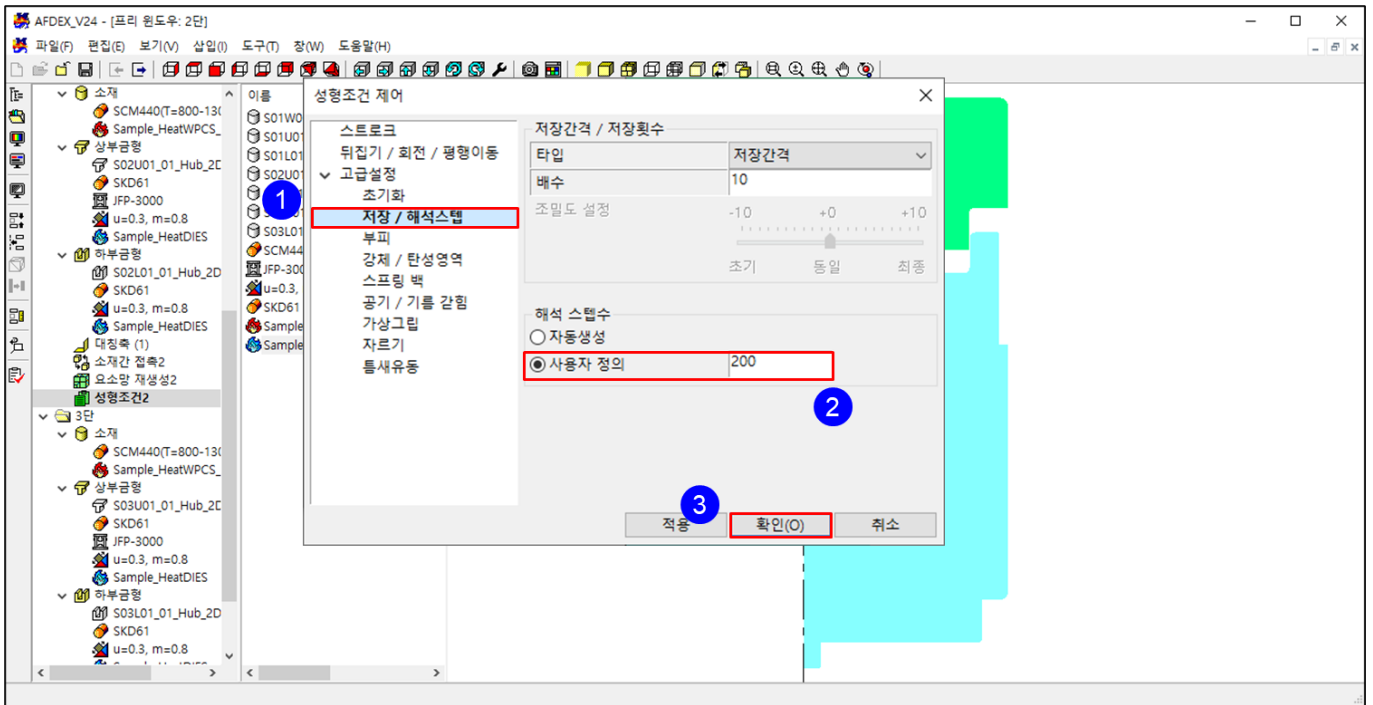


1. “ ” “ ”
2. “ ” “ 1200 ” .



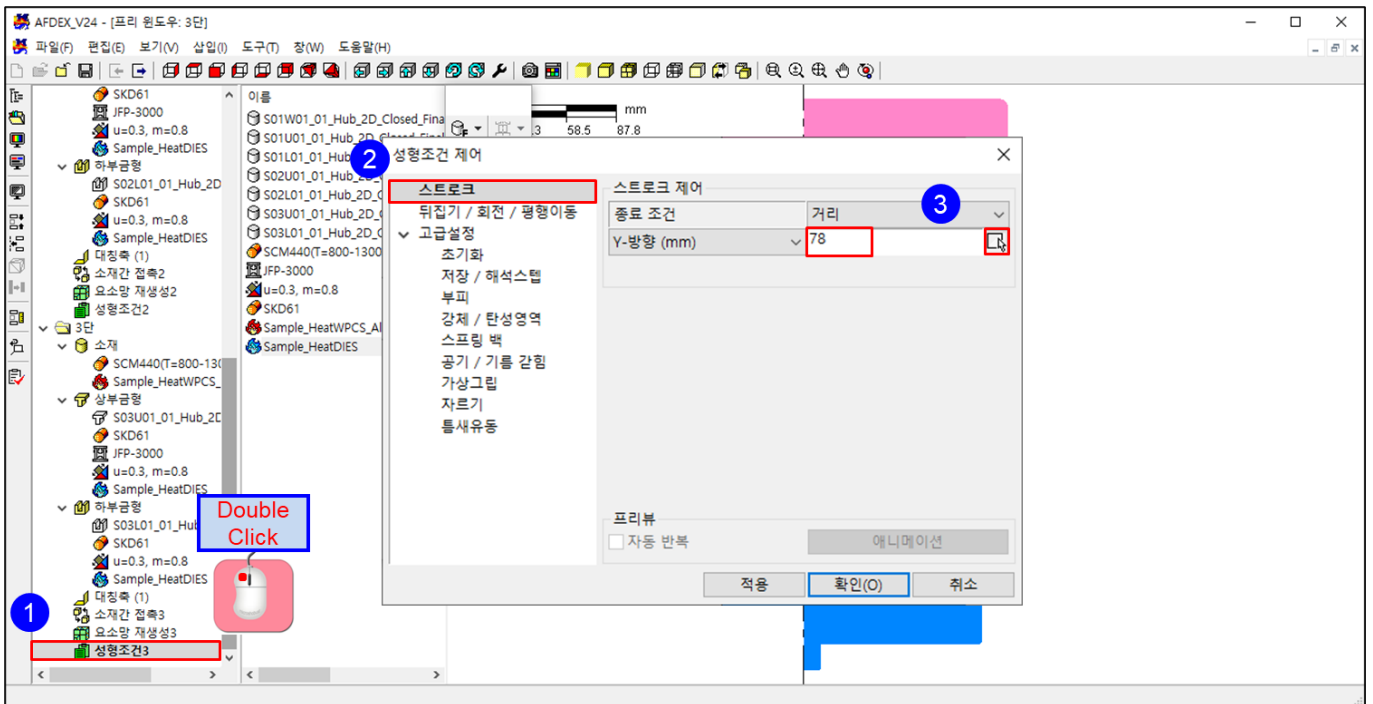
1. “ ” “ ” / “ ”
2. “ ” “ ” , “ 100 ” .
3. “ ”

[2 : /]



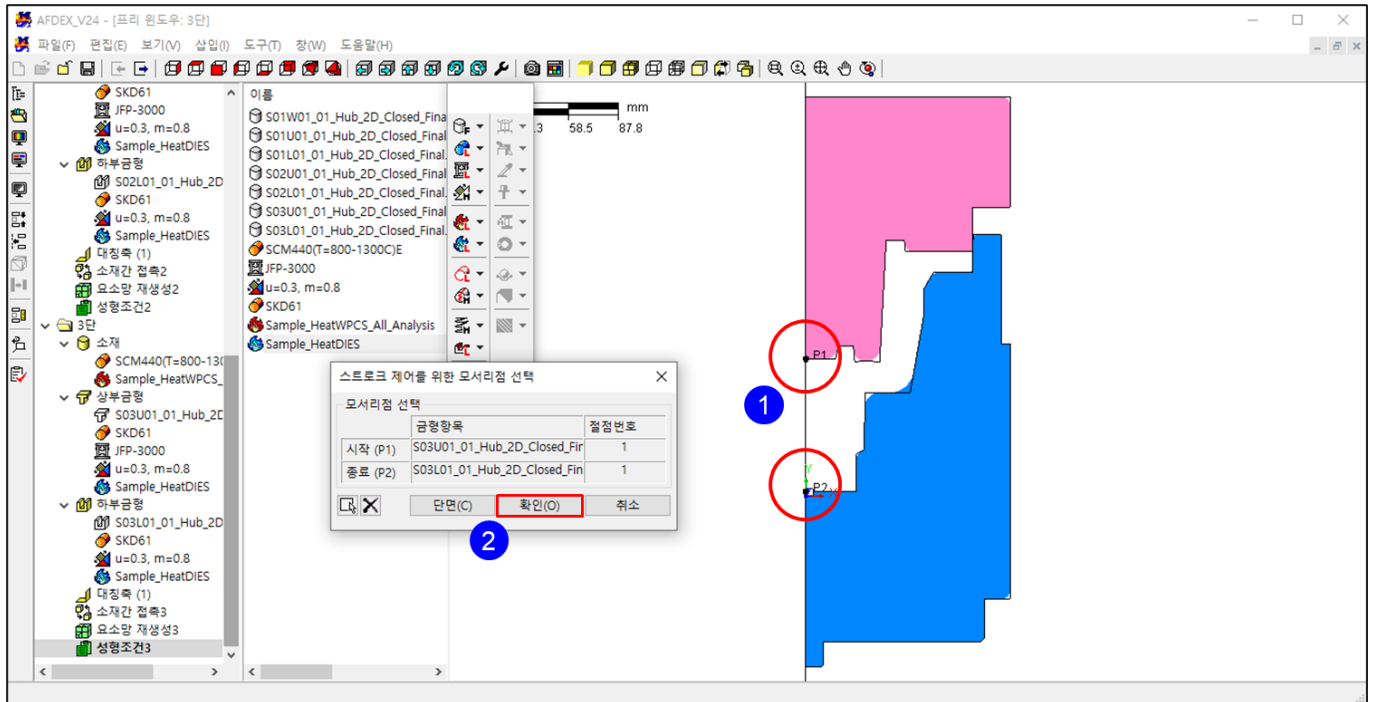
1. “ ” “ ” / ”
2. “ ” “ ” , “ 200 ”
3. “ ”

[3 :]



1. “ 3 ”
2. “ ” “ ” “ ” “ ” “ 78 ”

3. ” “



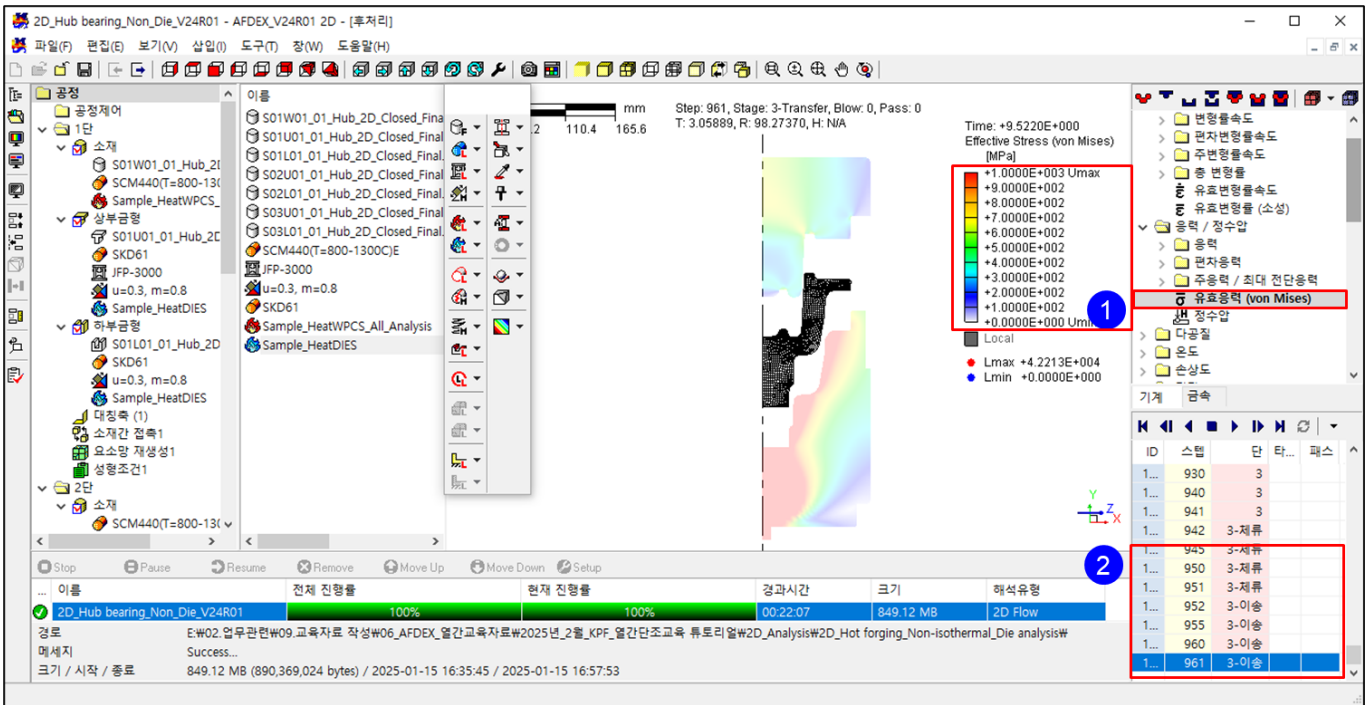
1. .()
2. “ ”

[3 : /]

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

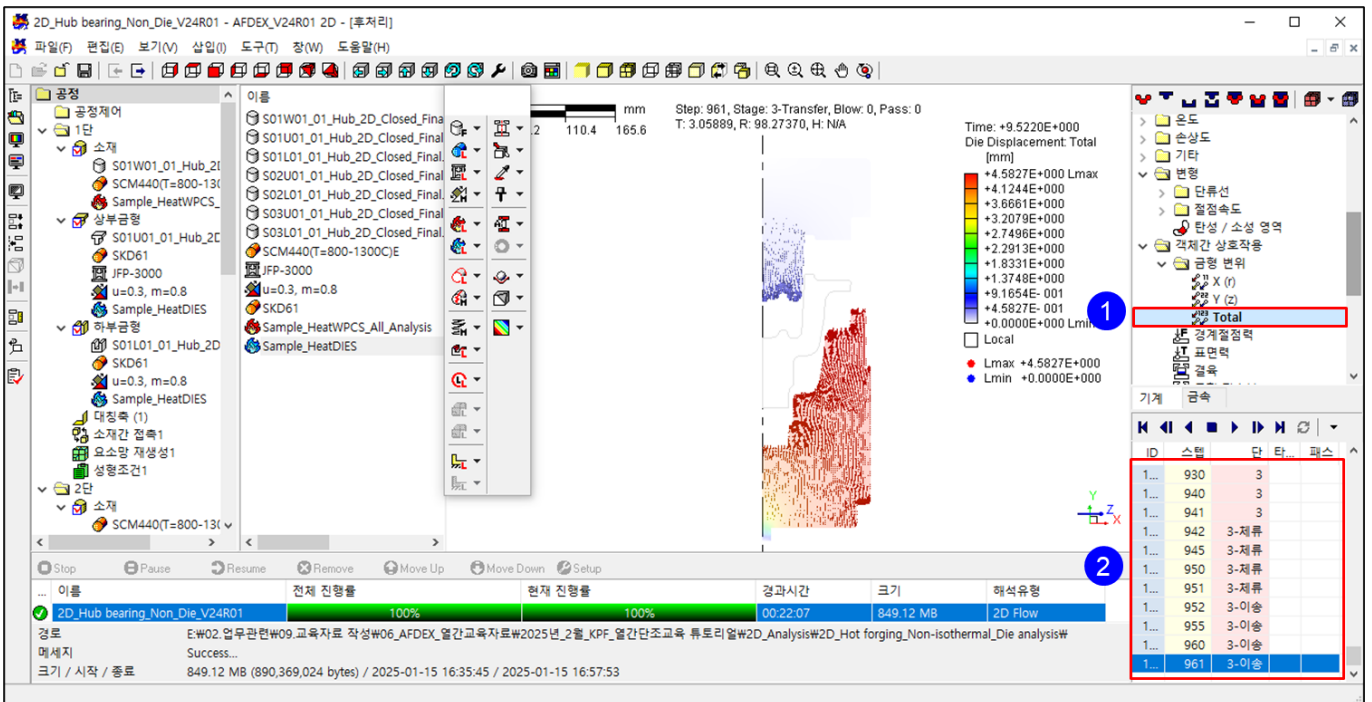
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[:]



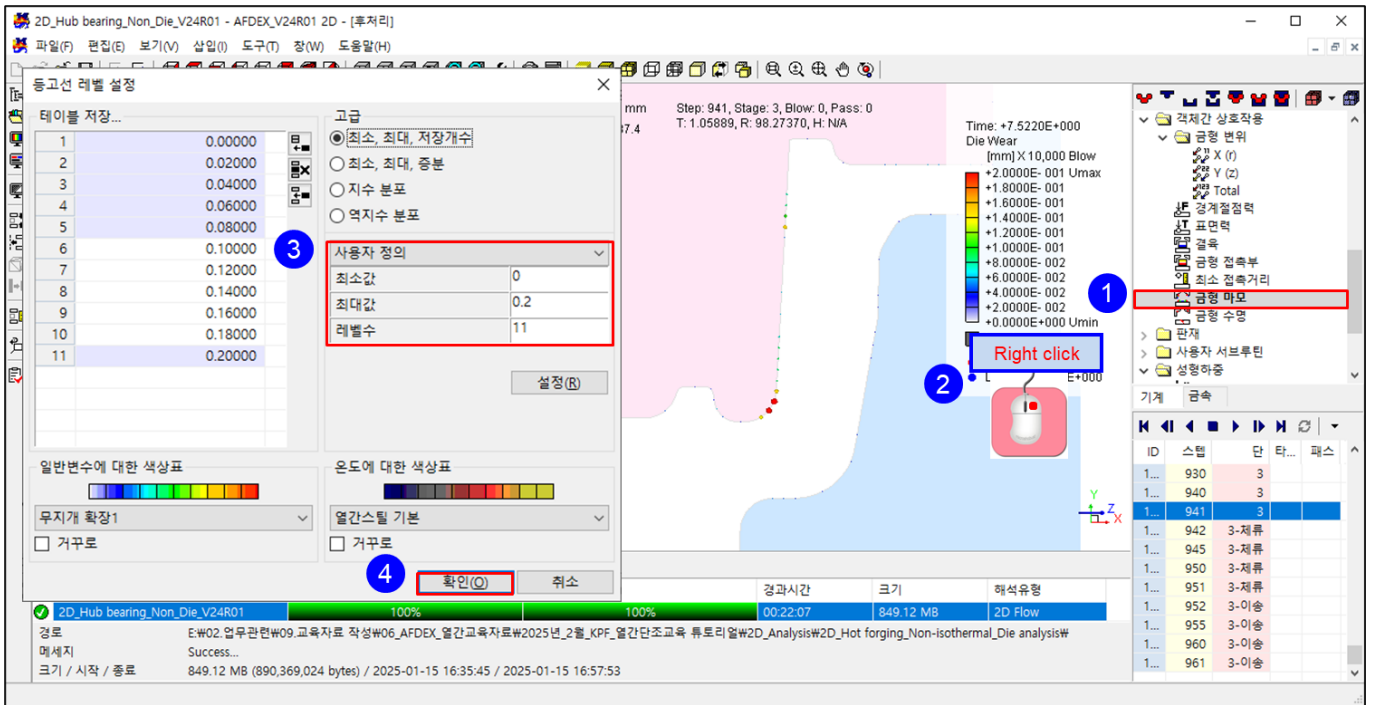
1. “ ” “ (von Mises)” ,
2. 가

[:]



1. “ ” “ →Total” .
2. 가

[:]



1. “ ” “ ” .
2. .
3. “ ” , , , . (
4. “ ” . 가(2D , .)

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