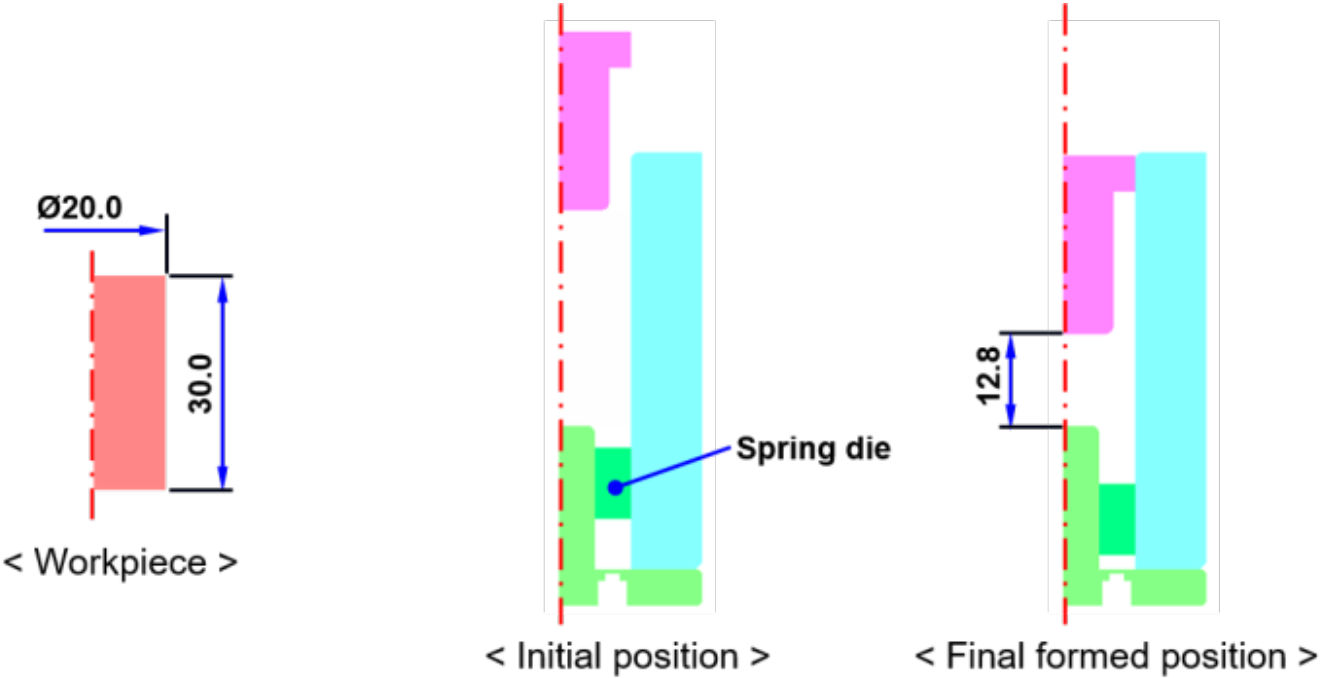


Ex06. 2

	.....	3
[ ]	.....	3
[ ]	.....	3
[ ]	.....	4
[ ]	.....	5
[ ]	.....	7
[ ( ) ]	.....	7
[ ]	.....	8
[ - ]	.....	9
[ ]	.....	9
[ :	.....	10
[ ]	.....	10
[1 :	.....	11
[1 : → / ]	.....	12
[ ]	.....	13
[ ]	.....	13
[ ]	.....	14
[ :	.....	14
[ :	.....	15

Ex06. 2

[]



[]

1.
-
2.
- : AISI1010($T=20^{\circ}\text{C}$) $\rightarrow$

: 25°C $\rightarrow$

: dxf
3.
- : dxf ()

: Cold_Normal_lubrication_Coulomb, $\mu=0.05$ $\rightarrow$

▪

: y -1 mm/s $\rightarrow$ ()

▪

: 0.0 mm/s()

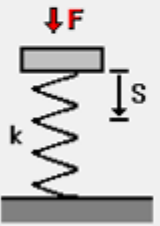
$\rightarrow$ []

▪

2 :

금형속성...

금형속성



스프링

스프링 상수 (k)	5000	N/mm
예비하중 (F)	20000	N
최대압축 길이 (S)	5	mm

확인(O)

취소

[]

AFDEX_V24

파일(F) 언어(L) 도움말(H)

2

3

4

공정정보...

재목 / 파일정보

재목 공정

파일

Note

재적성형

단조

인발

압출

판단조

자력전공리벤팅

플로우포밍

다단압연

롤포밍

형상압연

롤프징

+ 성형

+ 시뮬레이션

+ 단위

+ 해석

+ 물성치모델

+ 비

+ 속도 & 온도

☒ 냉간(C)

☐ 열간(H)

☒ 2차원 축대칭

☐ 2차원 평면변형

☐ 3차원

☐ kgf

☒ Newton

☒ 유동 해석

☐ 유동 + 열전달 해석(소재)

☐ 유동 + 열전달 해석(소재 + 금형)

☐ 금형 구조해석

☐ 소재-금형 상호작용

☐ 열처리

☐ 재결정

☐ 강소성(R)

☒ 탄소성(E)

☐ 다공질(P)

☒ 일반적

☐ 대단위 (비면적/소재면적 > 30%)

☐ 고속

☒ 일반 (추천)

☐ 정밀

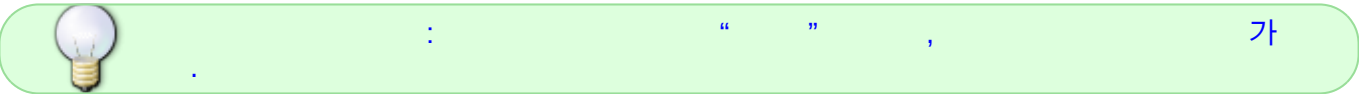
☐ 기본값으로 저장

확인(O)

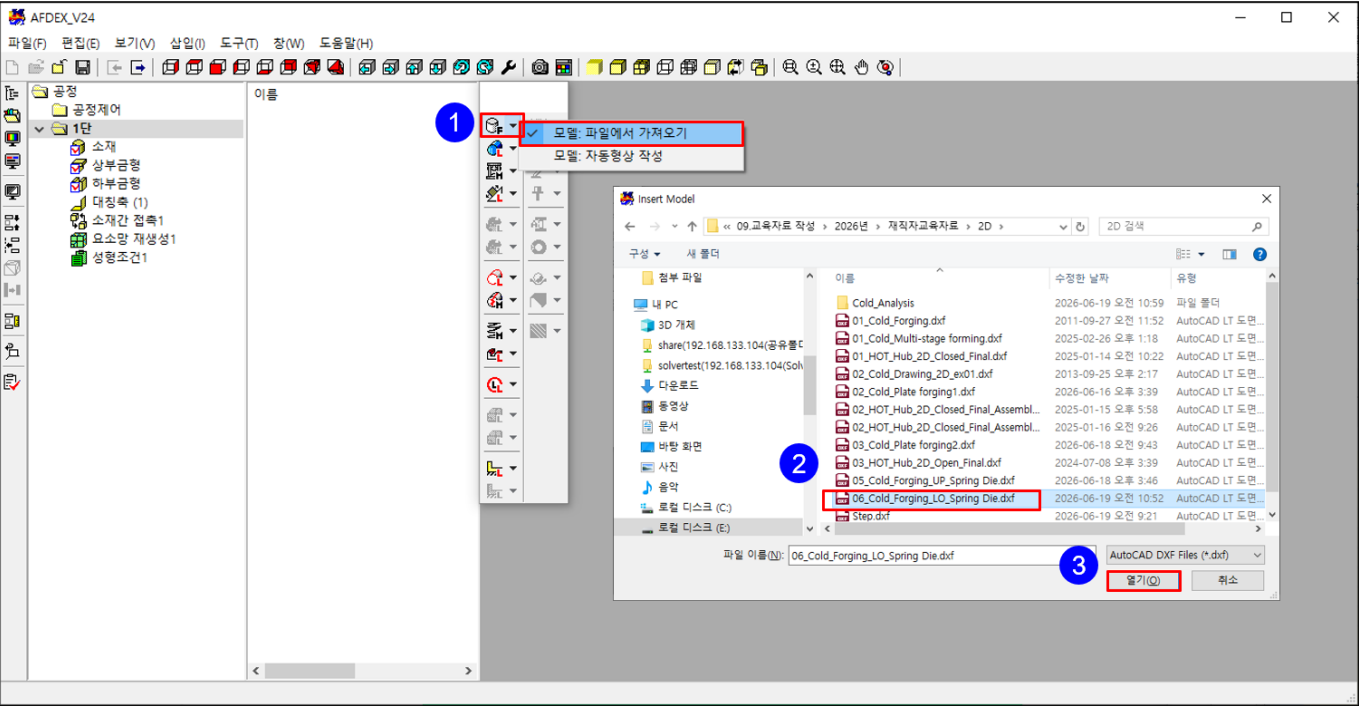
취소

1. ADEX_V24R02

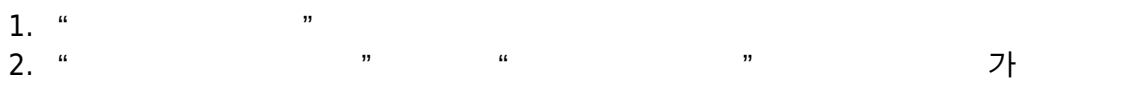
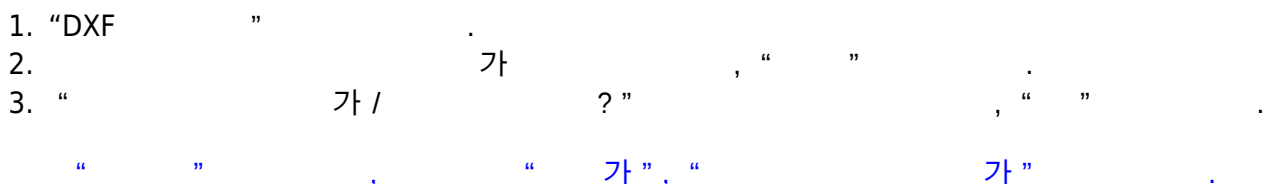
2. “ ”
3. “ ”, “ ”, “ 2 ”, “Newton”, “ ”, “ ”, “ ”, “ ” ()”
4. “ ”

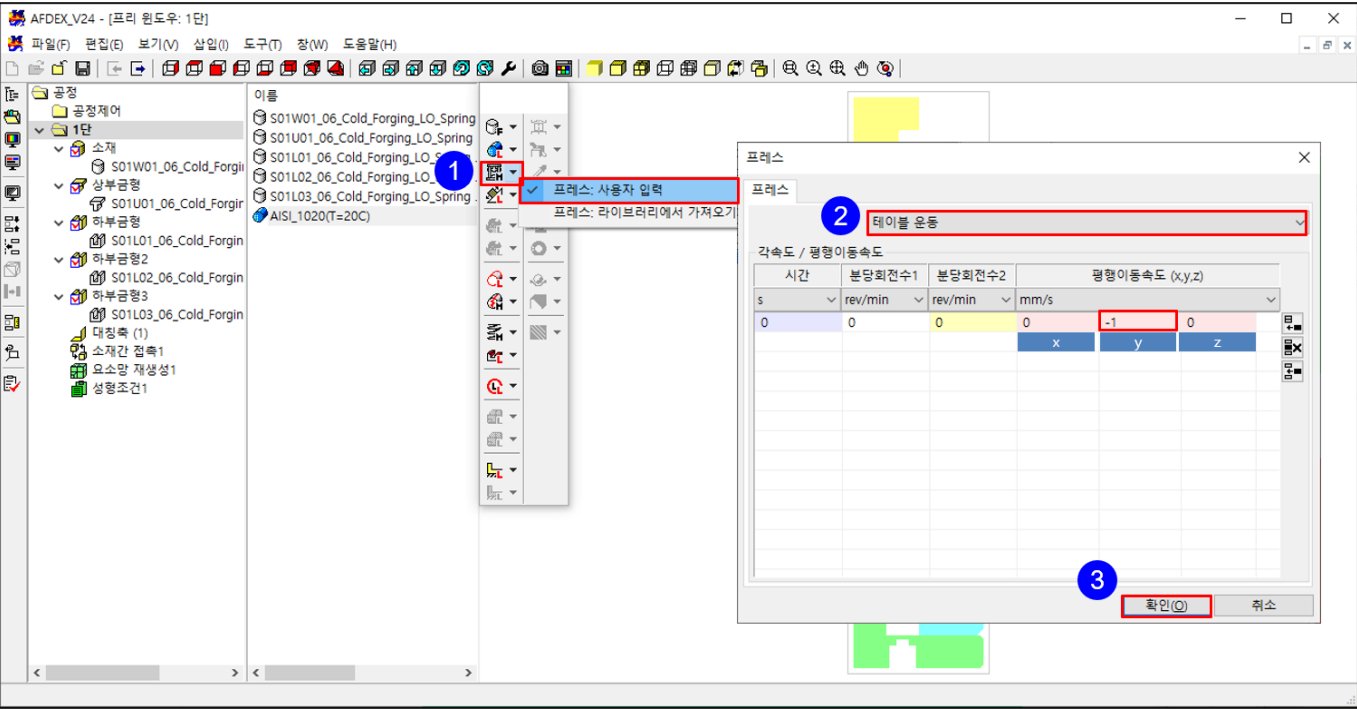


[]



1. “ : 가 ” .
2. “ ” , “***.dxf” .
3. “ ” .

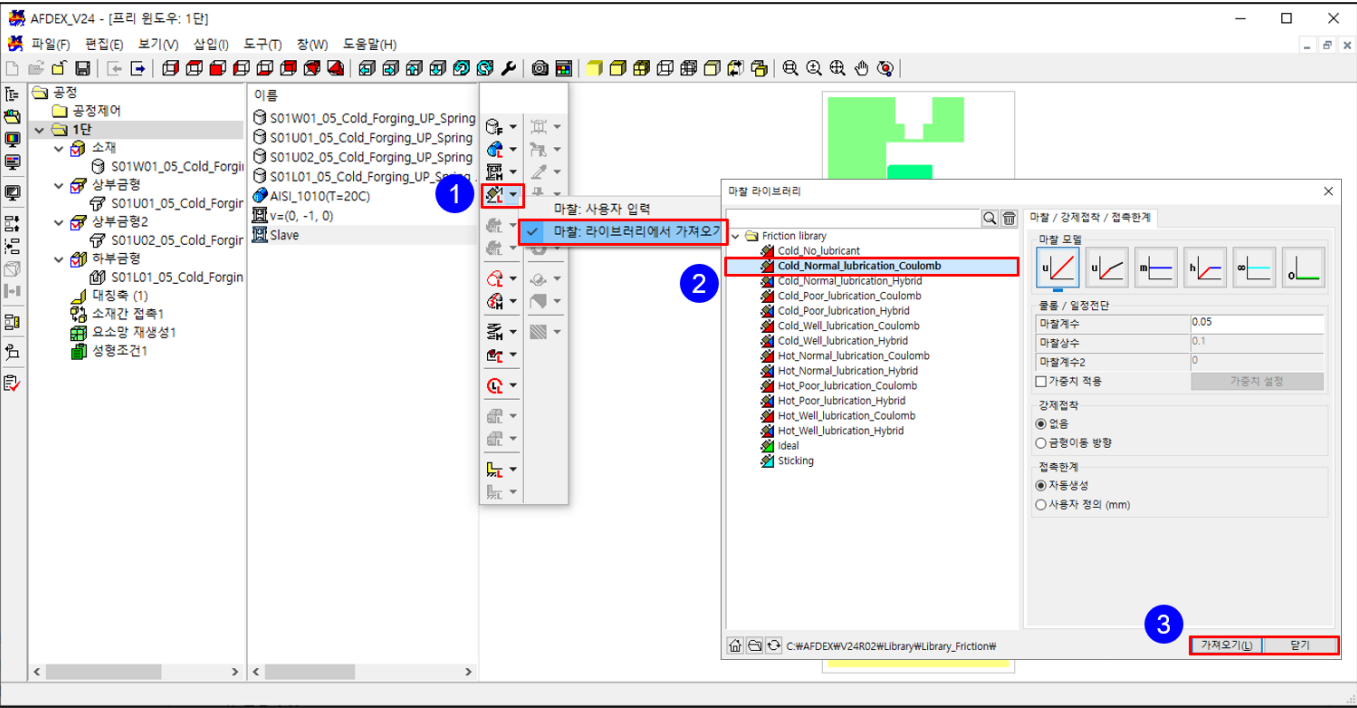




1. “ : ” , “ . ”

2. “ ” , “ ” , y ” -1 ” .

3. “ ” .
- []

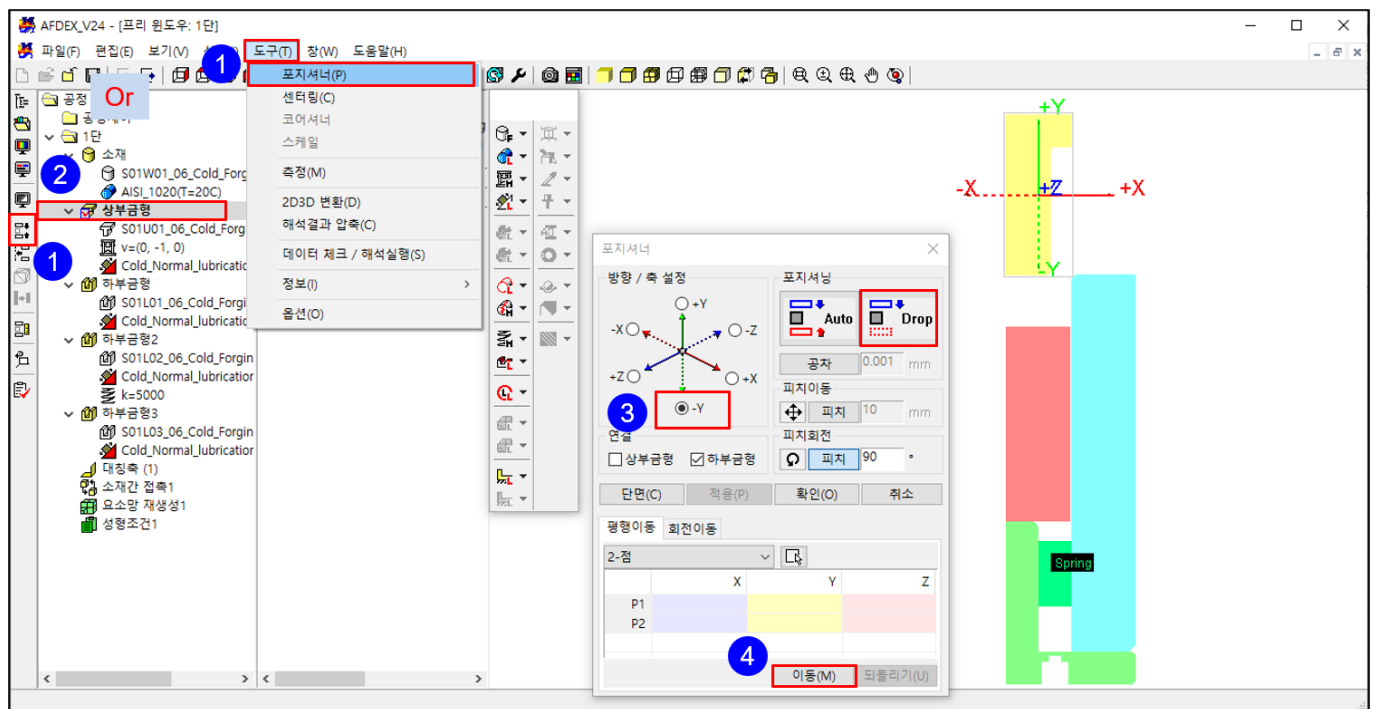


1. “ : ” .

2. “ ” , “Cold_Normal_lubrication_Coulomb” .

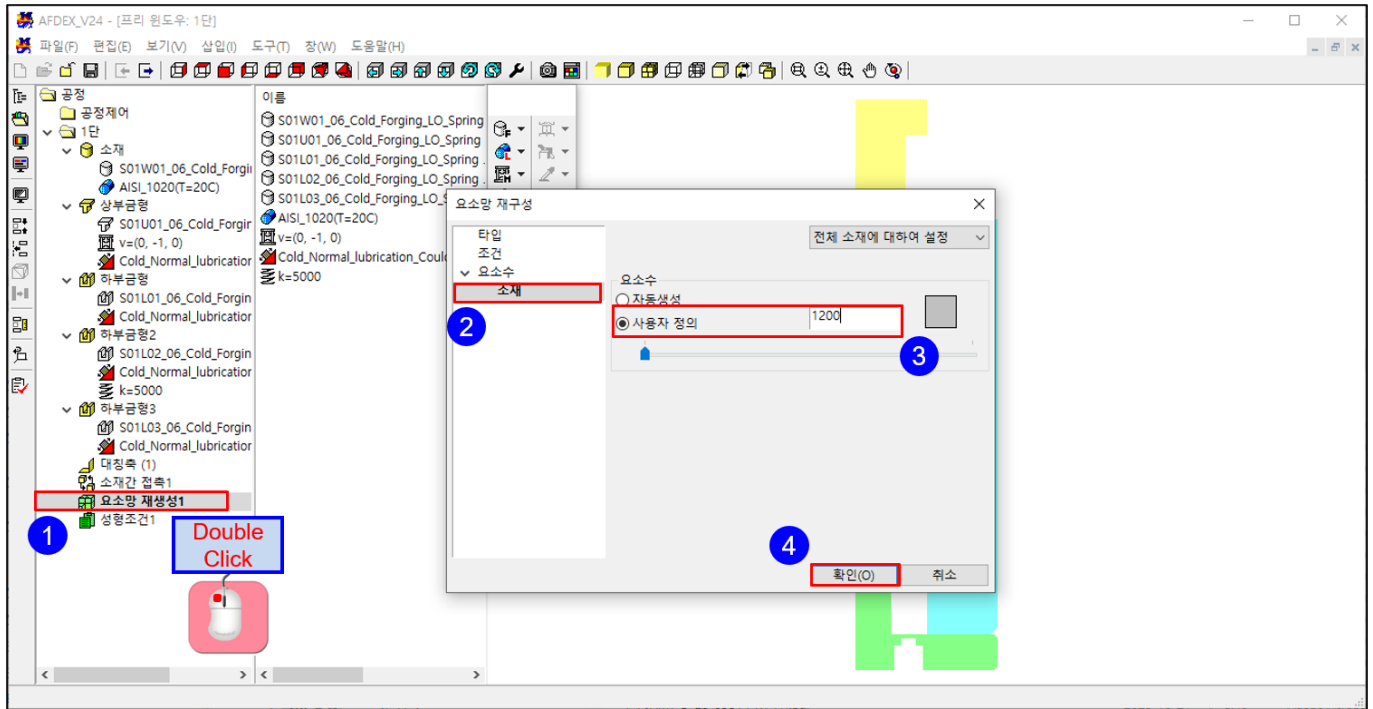
3. “ 가 ” “ ”

3. " $v=(0, -1, 0)$: ", " $k=5000$: 2 " .

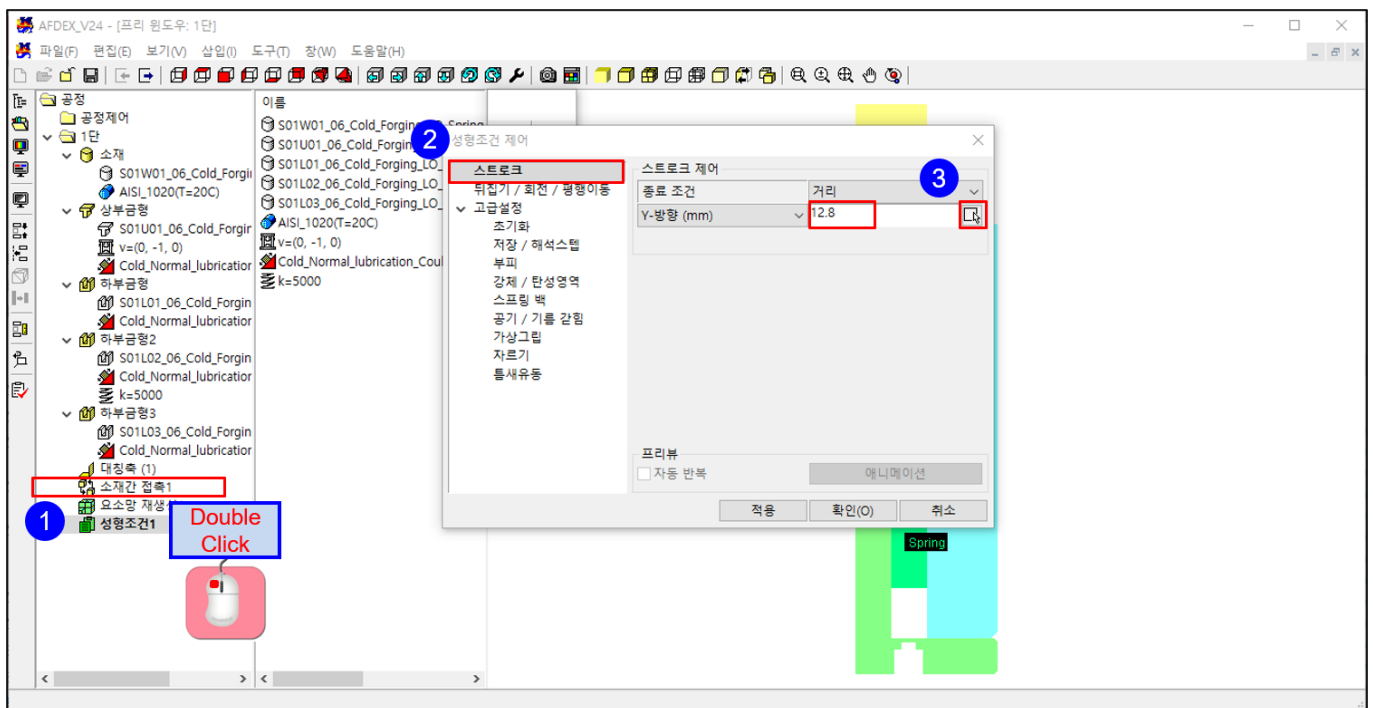
$$[\quad : \quad]$$


1. “On/Off” “ ” . (“ → → ”
 .)
2. “ ” “ ” “ 1 ” “ ” .
3. “ ” “ ” “Drop” .
4. “ ” “ ” .

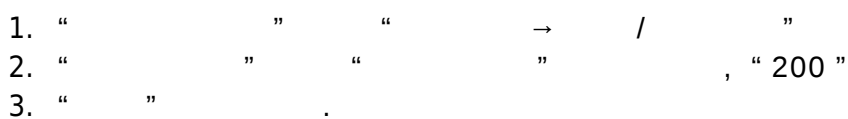
$$[\quad]$$



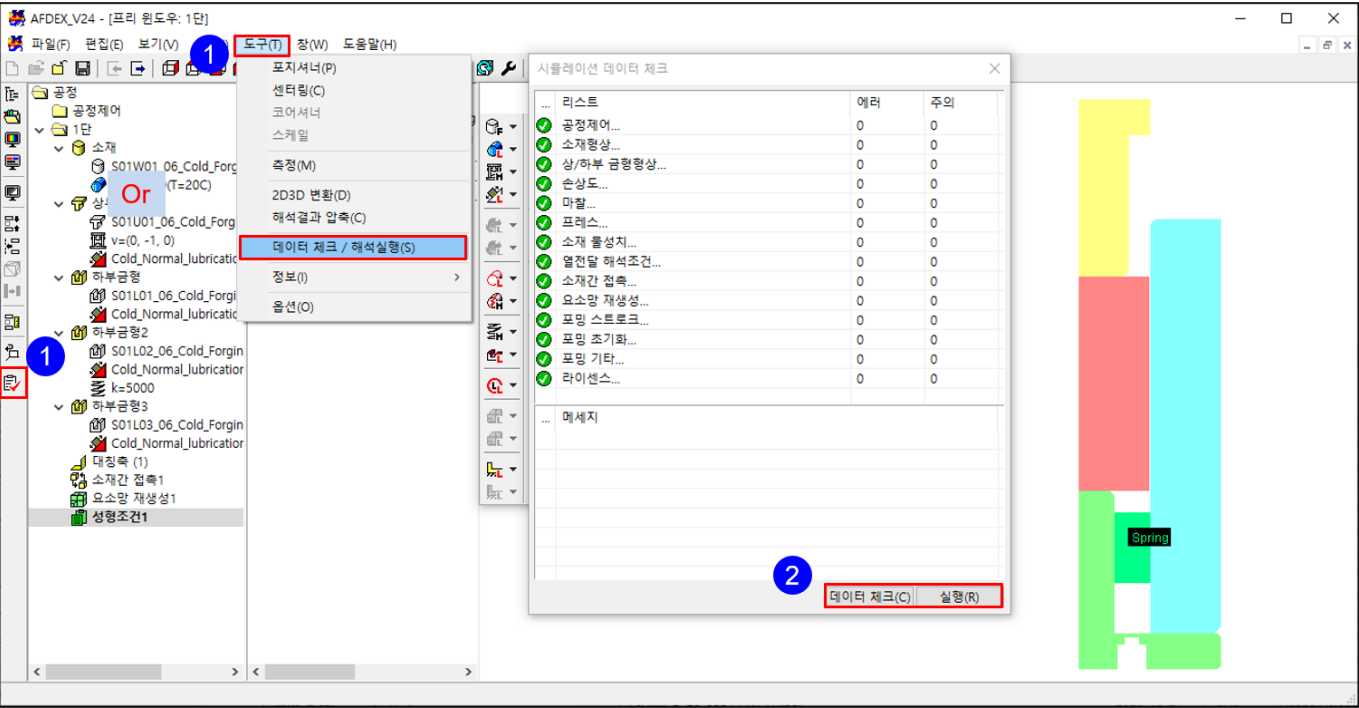
1. “ 1 ” “ 1 ” .
2. “ ” “ ”
3. “ ” “ ” , “ 1200 ”
4. “ ” .

$$\begin{bmatrix} 1 & & \\ & \vdots & \\ & & \end{bmatrix}$$


1. “ 1 ”
2. “ ”
3. “ ” “ ” , “ 12.8 ”
4. “  ”

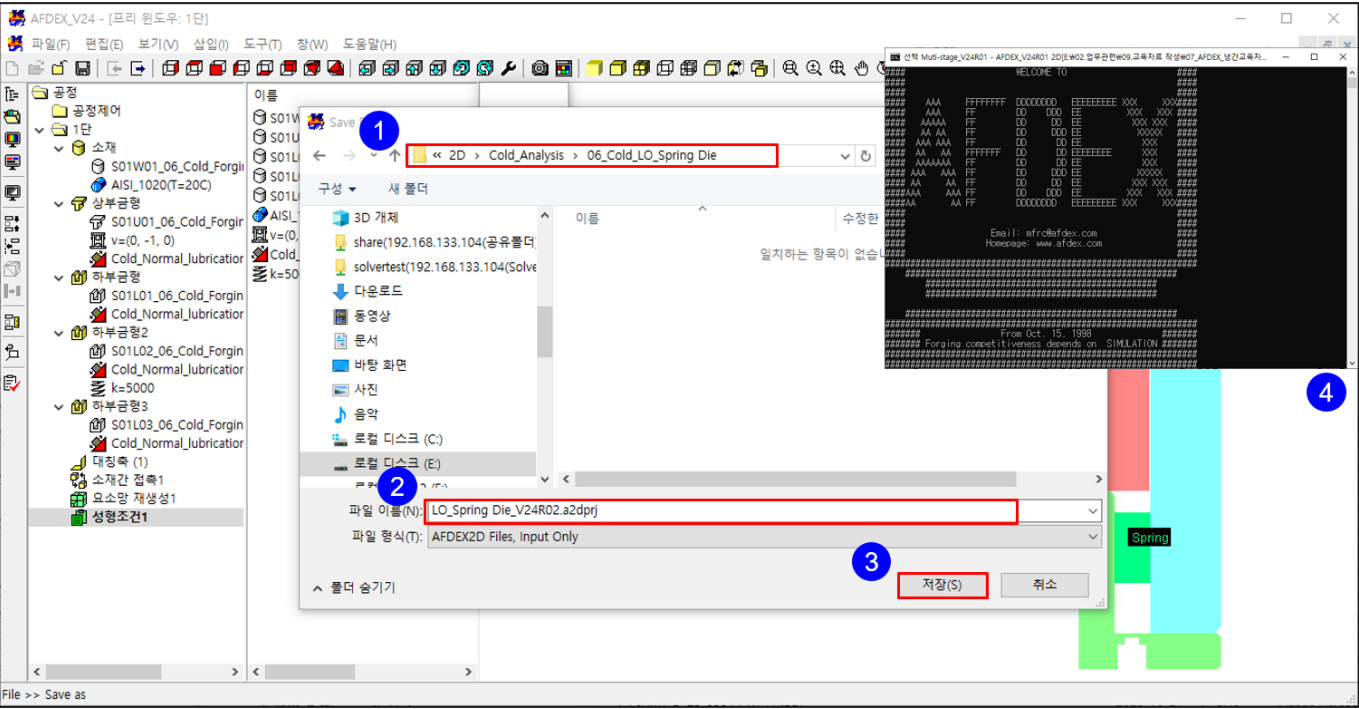


[]



1. “ On/Off” “ / ” “ “ → →
2. “ / ” “ .) “ ” “ ” “ ” .

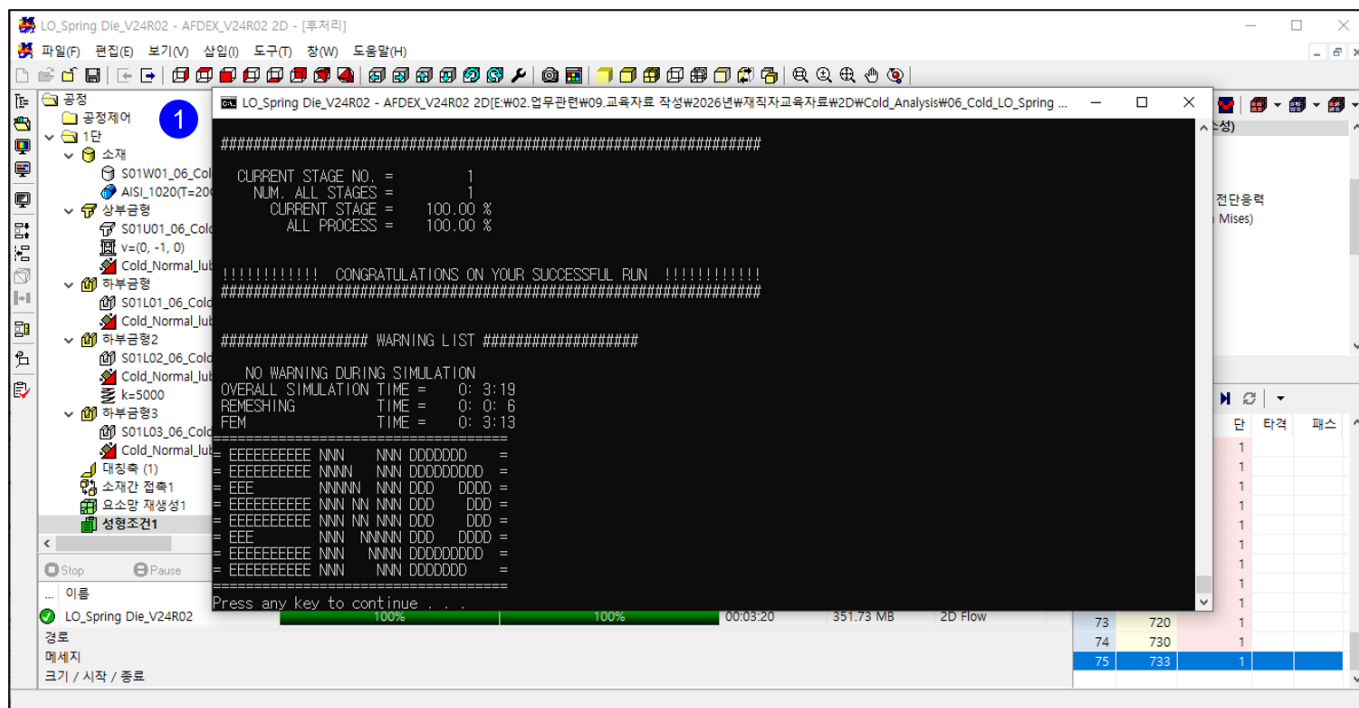
[]



1. “ , .
2. “ ” “ .()
3. “ ” .

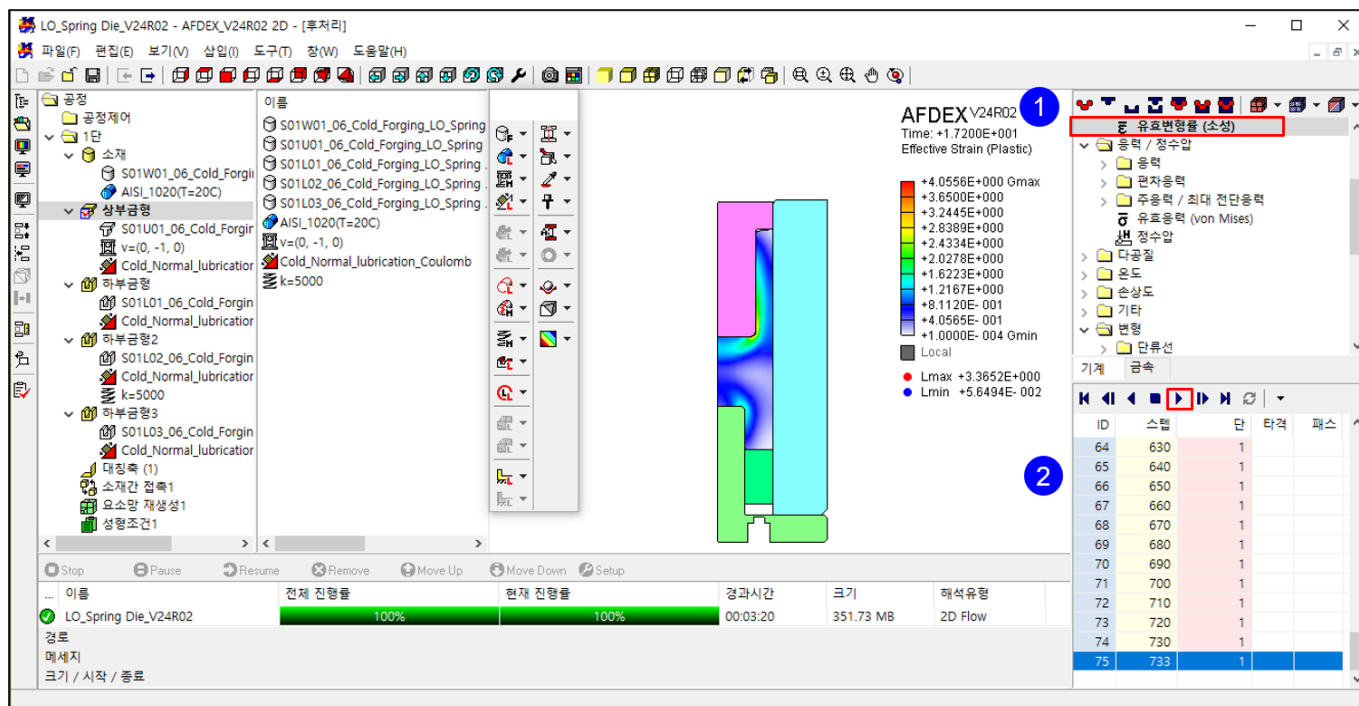
4.

[]

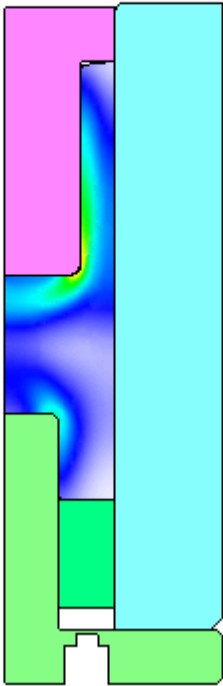


1. “END” 가

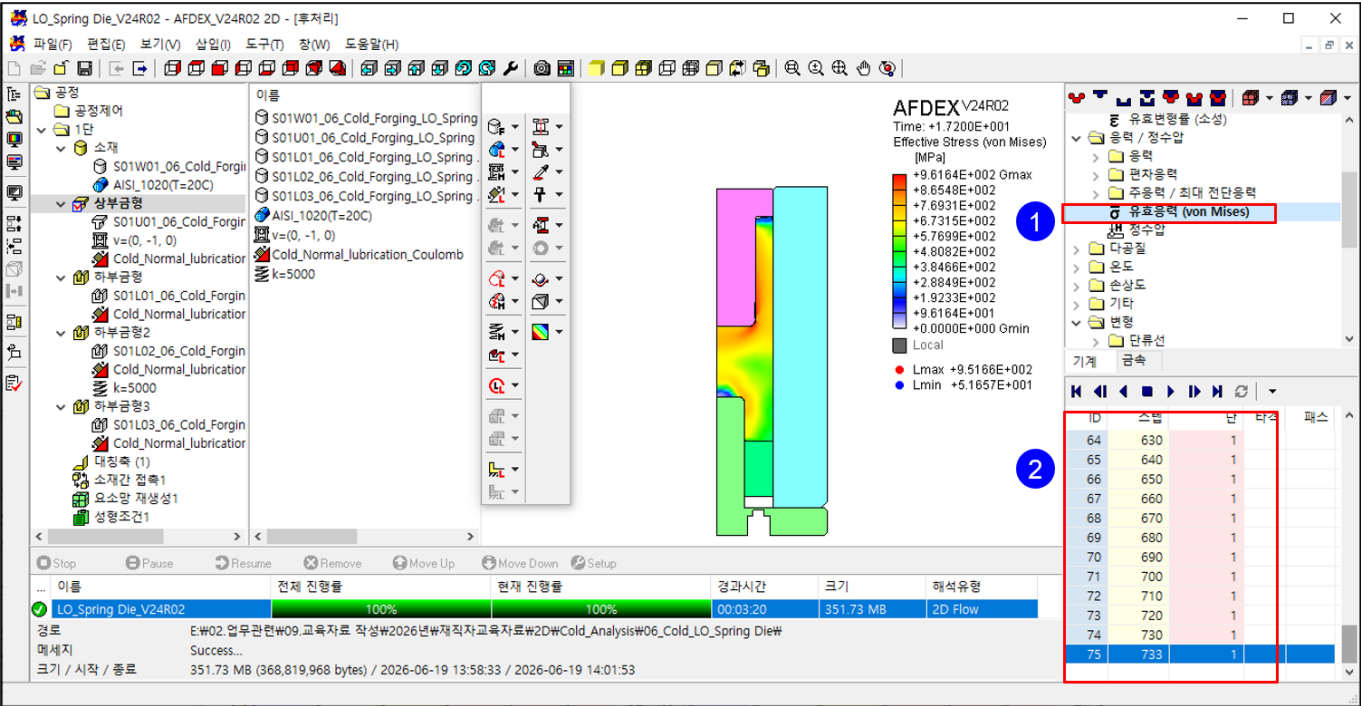
[:]



1. “ ” “ () “ .()
2. ” “ .



[:]



1. “ ” “ (von Mises)“ .

2.

가

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