



MIDAS

MESH FREE

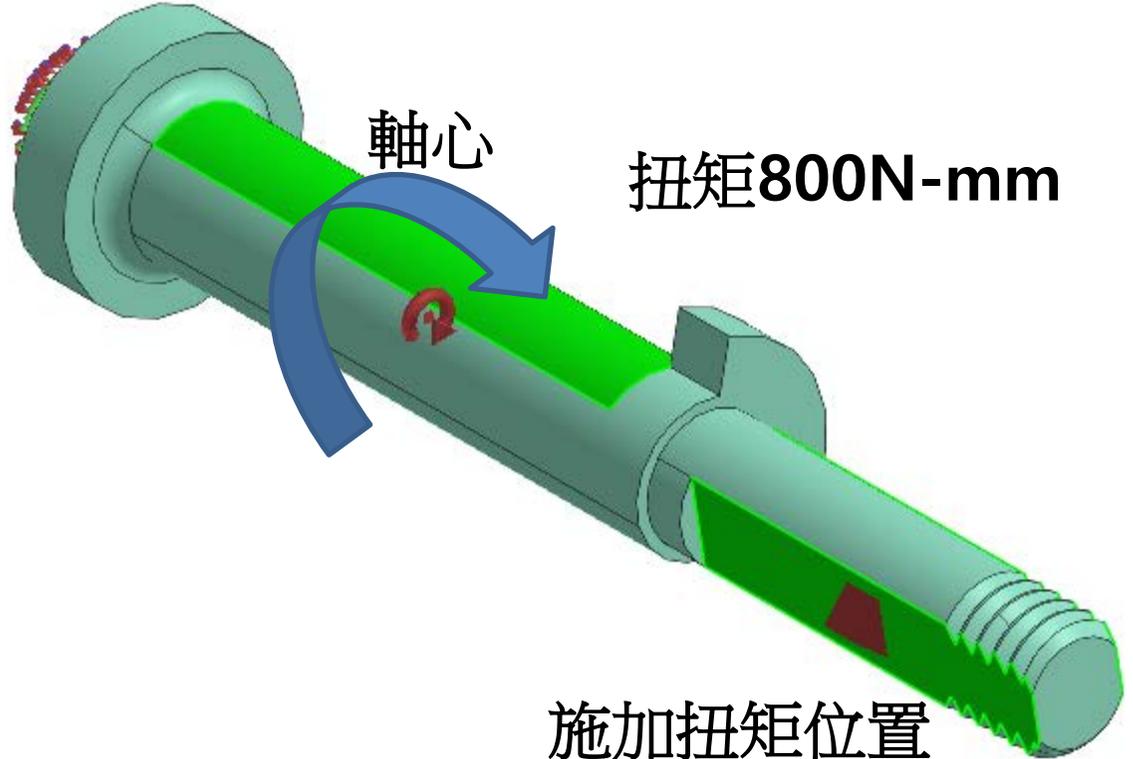
心軸扭力分析

Simple, but Everything.





固定X,Y,Z

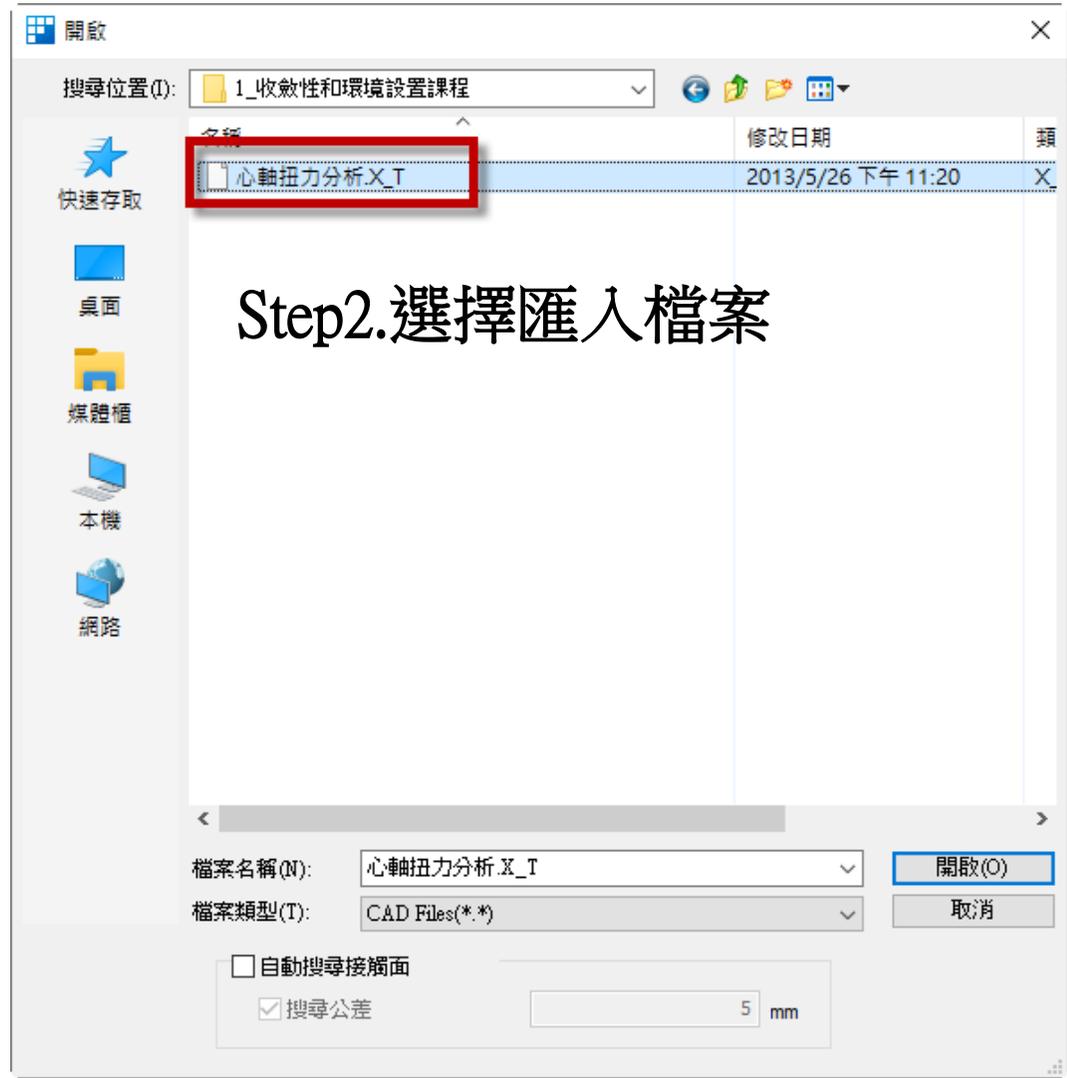




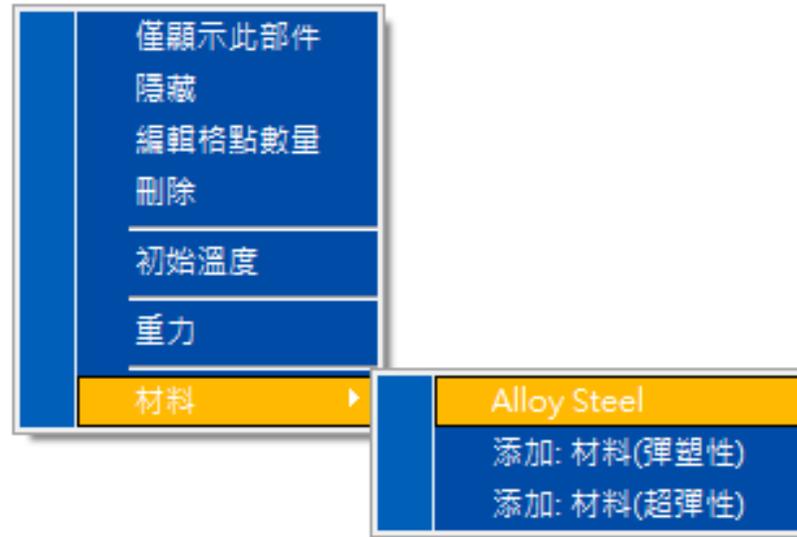
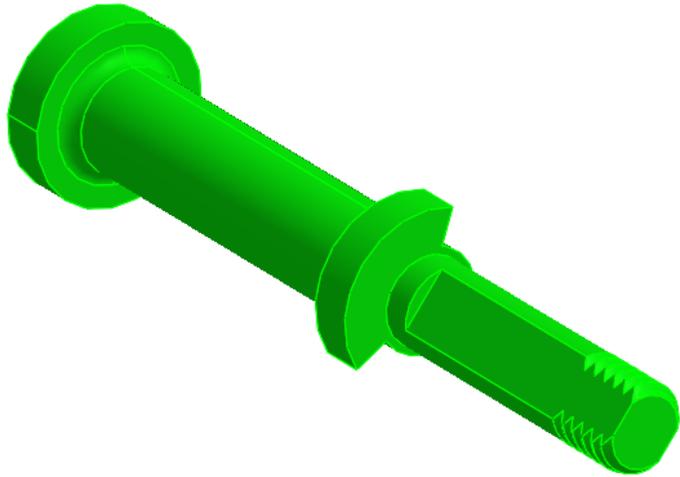
Step1.匯入3D 模型

MeshFree支援各類CAD 格式

- CAD Files (*.*)**
- Parasolid (9 - 31) Files (*.x_t;*.xmt_txt;*.x_b;*.xmt_bin)
 - ACIS (R1 - 2020 1.0) Files (*.sat;*.sab;*.asat;*.asab)
 - STEP (AP203, AP214, AP242) Files (*.stp;*.step)
 - IGES (Up to 5.3) Files (*.igs;*.iges)
 - Pro-E (16 - Creo 6.0) Files (*.prt;*.prt.*;*.asm;*.asm.*)
 - CATIA V4 (CATIA 4.1.9 - 4.2.4) Files (*.model;*.exp;*.session)
 - CATIA V5 (V5R8 - V5-6R2019) Files (*.CATPart;*.CATProduct)
 - SolidWorks (98 - 2020) Files (*.sldprt;*.sldasm)
 - Unigraphics (11 - NX1847) Files (*.prt)
 - Inventor Part (V6 - V2020) Files (*.ipt)
 - Inventor Assembly (V11 - V2020) Files (*.iam)
 - Solid Edge (V18 - ST11) Files (*.par;*.asm;*.psm)



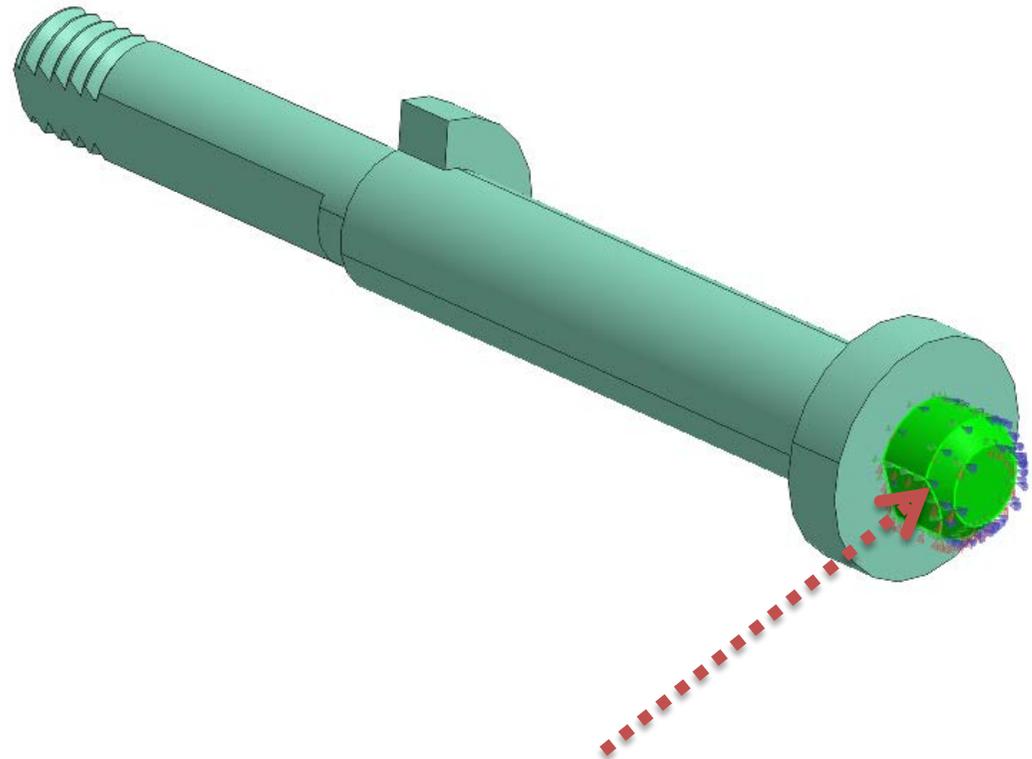
Step2.選擇匯入檔案



滑鼠右鍵,材料定義



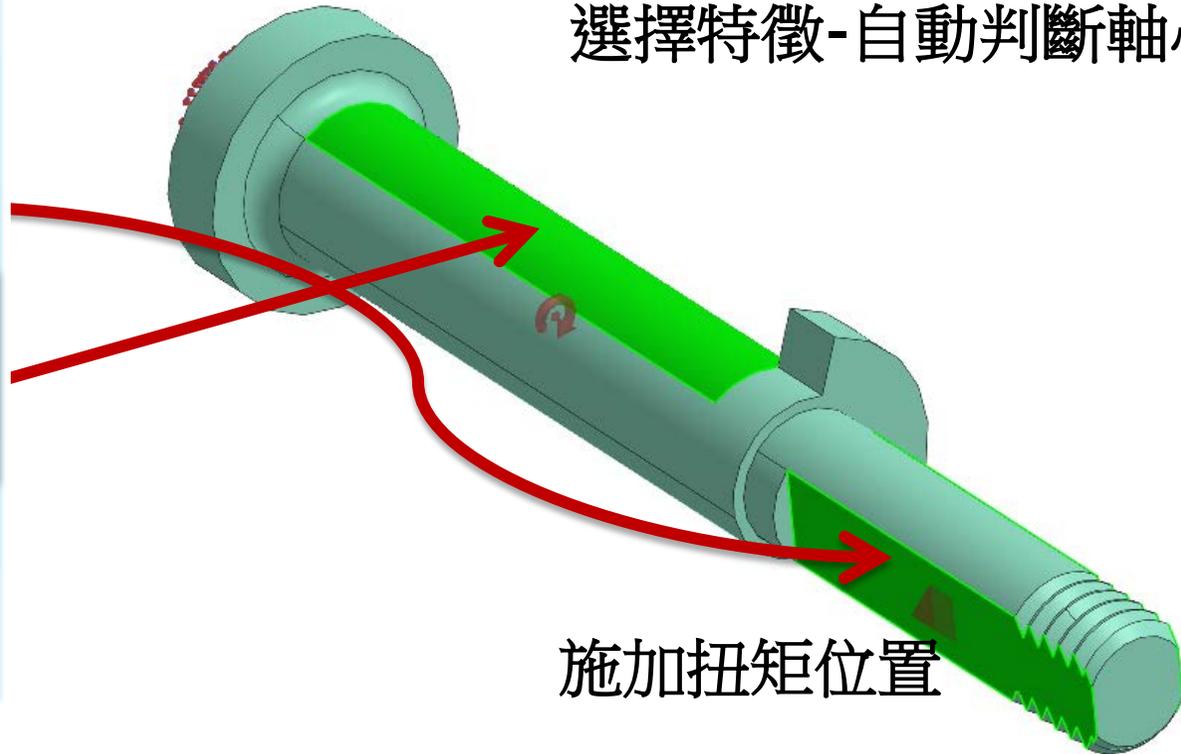
模型樹顯示指定材料



選取特徵拘束

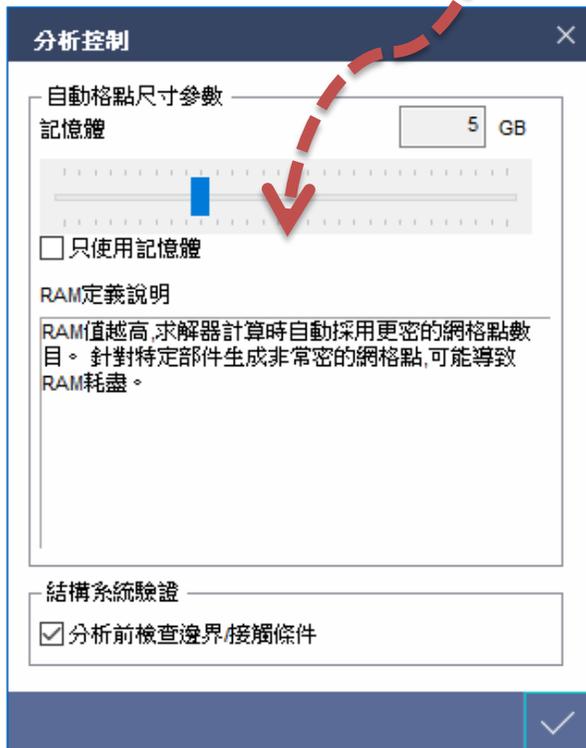


選擇特徵-自動判斷軸心

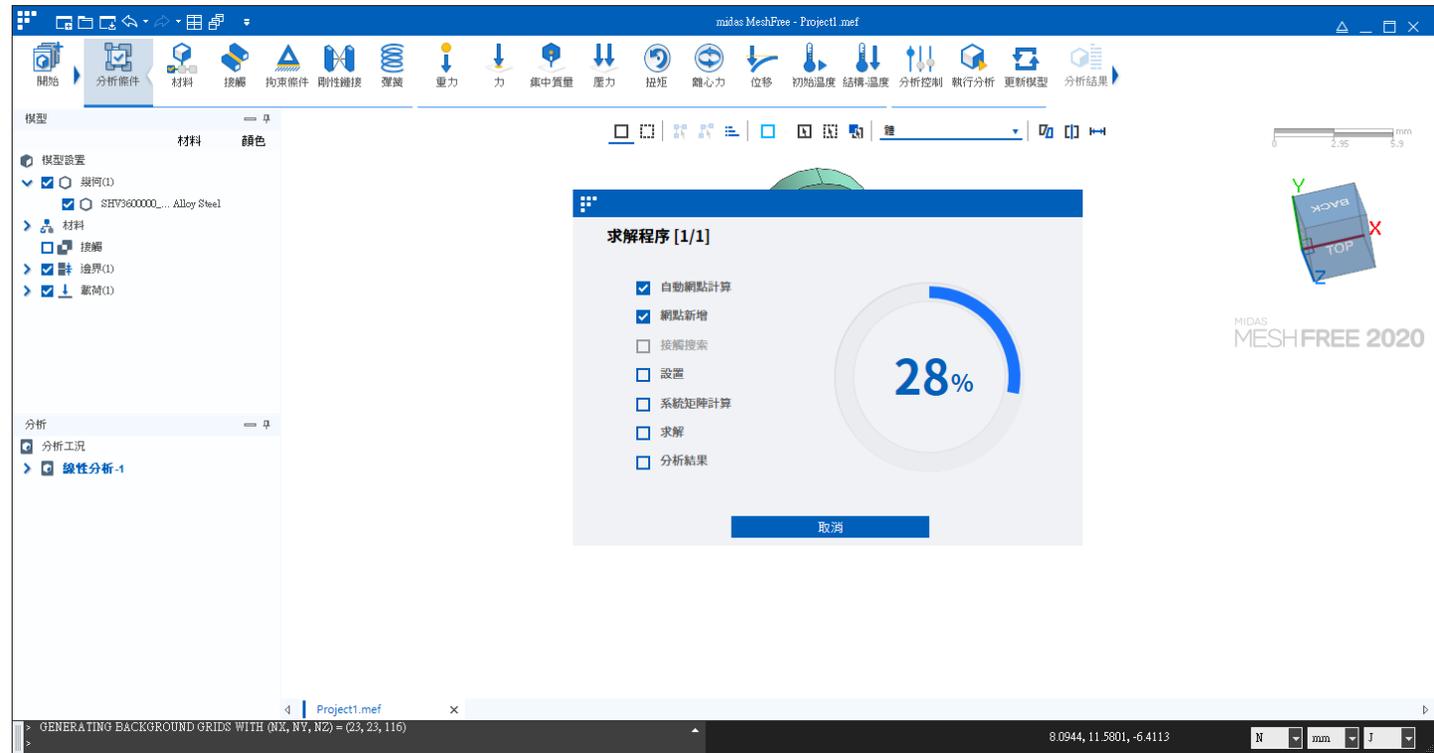


施加扭矩位置

扭矩800N-mm



記憶體大小
1.計算速度
2.分析準確性



分析時間36.13ec
(採5G Ram)

```
> [SYSTEM INFO]
> NUMBER OF THREADS : 8
> MAXIMUM MEMORY USAGE : 5785 MB
> AVAILABLE MEMORY : 12649 MB
> TOTAL CPU TIME : 159.017 sec
> WALL CLOCK TIME : 36.13 sec
> TOTAL WARNINGS : 0
```

