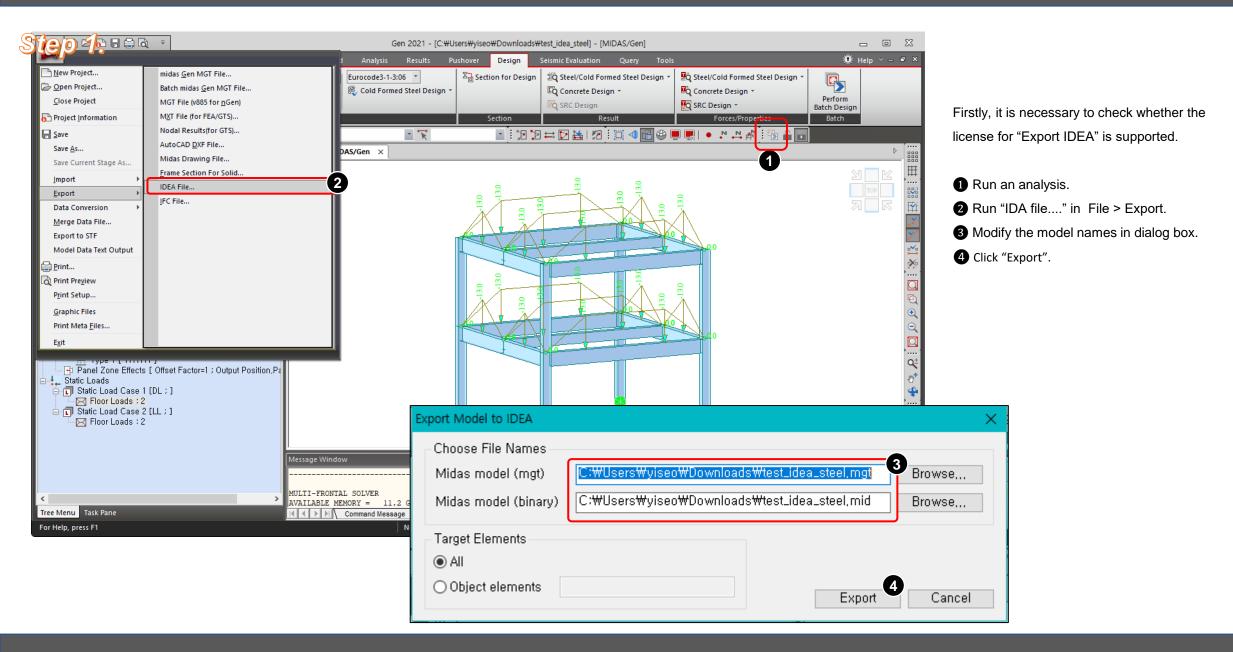
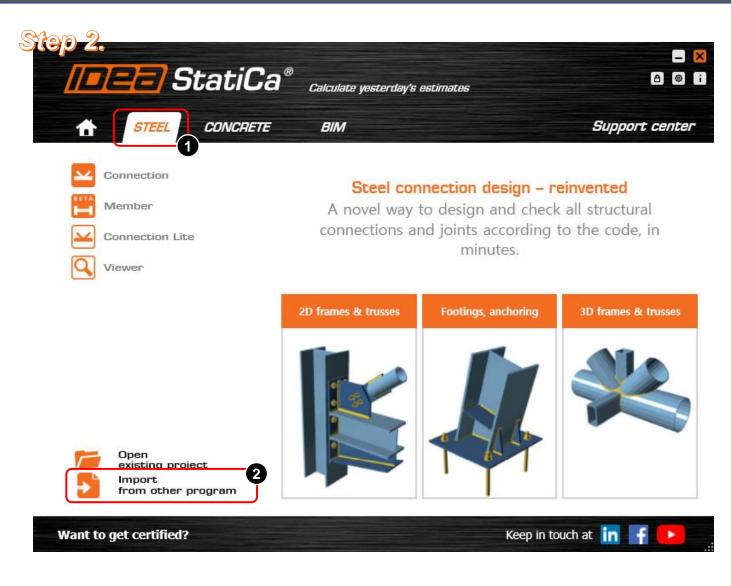
midas Gen – IDEA Statica Interface









Run IDEA Statica Click "Steel" tap. Click "Import from other program". Check on the options. Click "Close".

🚬 Settings for Design groups and Design members generation

Design member (DM)

DM consists of one or more consequential structural members and is designed as the whole.

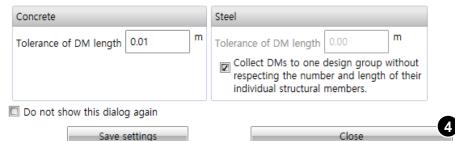
Create default DMs for whole structure



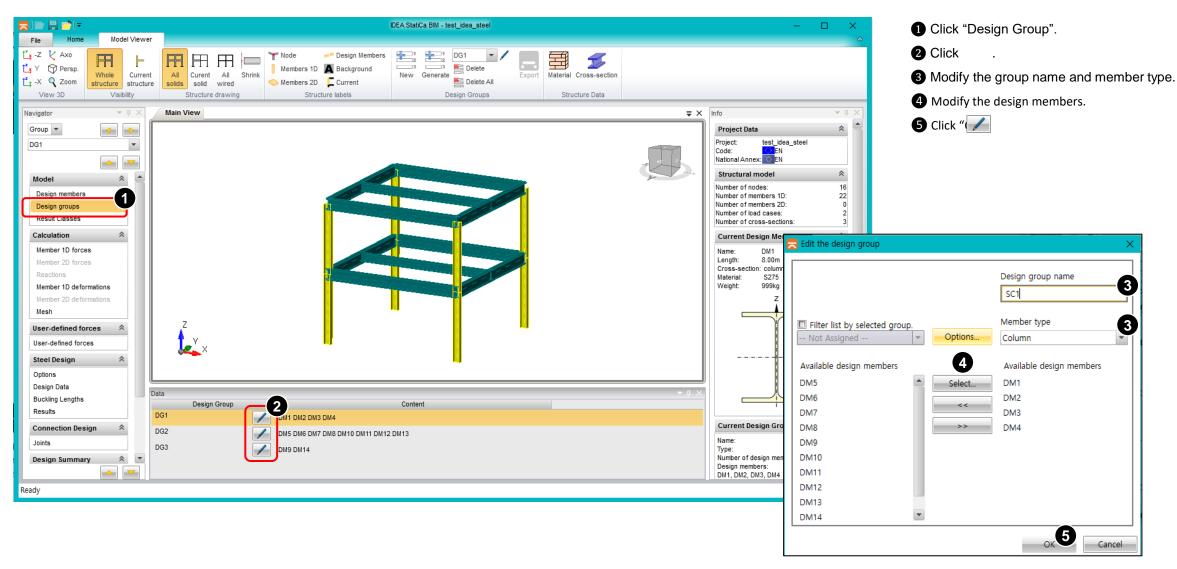
Design group (DG)

DG is a collection of DMs of the same cross-section and material.

Create design groups also for 2D members

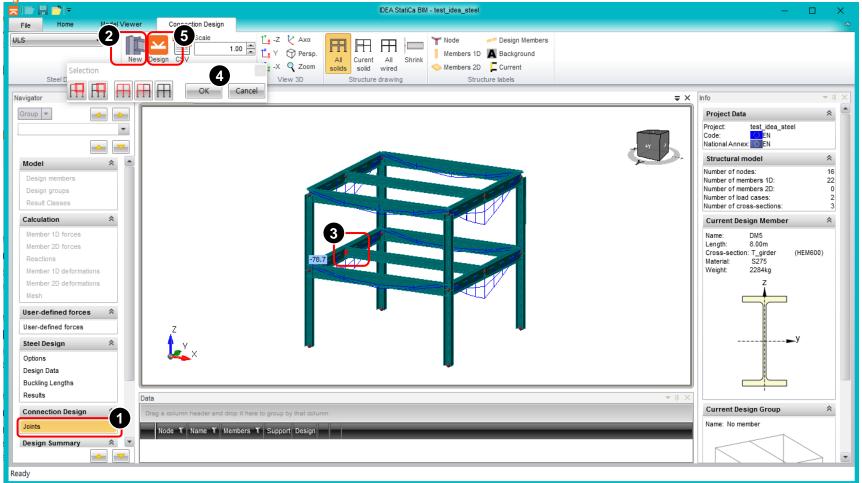


Step 3.



Step 4.	IDEA StatiCa BIM - test_idea_steel	- 0	×	If there are the lo	bad combinations generated in Ger
File Home Model Viewe			~	these combination	ons are automatically applied.
Results Managers	Main View		- - - ×	 Click "Result Click "Combined on the second se	
Group SB1	Results Classes Ultimate Limit State : ULS Combination name Description	Project Data Project: test_idea_steel Code: NationalAnner Load Combinations Manager	*	-	y the combinations.
Model Image: Connection Design Design members Design groups Result Classes Image: Connection Design Calculation Image: Connection Design Member 2D forces Reactions Member 2D forces Reactions Member 2D forces Reactions Member 2D deformations Member 2D deformations Member 2D deformations Member 2D deformations Mesh User-defined forces Steel Design Image: Connection Design Design Summary Image: Connection Design	SLCB1 1.55°LL GLCB1 1.30°DL + 1.50°LL SLCB4 DL + 0.30°LL GLCB4 DL + 0.30°LL SLCB3 DL + 0.50°LL SLCB2 DL + LL GLCB2 DL + LL Serviceability Limit State - Characteristic : All SLS Char Serviceability Limit State - Frequent : All SLS Freq Serviceability Limit State - Quasi permanent : All SLS Quasi All SLS Char (deflection)	Combinations T A All ULS Combinations sLCB1 sLCB4 sLCB3 sLCB2 ADD LCB 3	Evaluation Line	D LCB ear • 6 Fundamental • 9 ination • Coeff 1.00 1.00 0.50 0.50	
Ready		Expand all items			Expand all items
		New Delete			OK Cancel

Step 5.

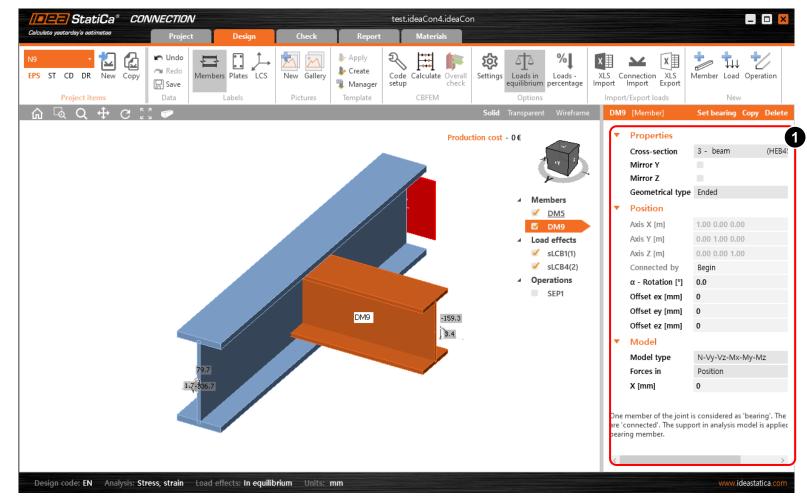


[Joint Design]

1 Click "Joints".

- 2 Click "New".
- **3** Select the target Joint in the model window.
- 4 Click "OK".
- **5** Click "Design".

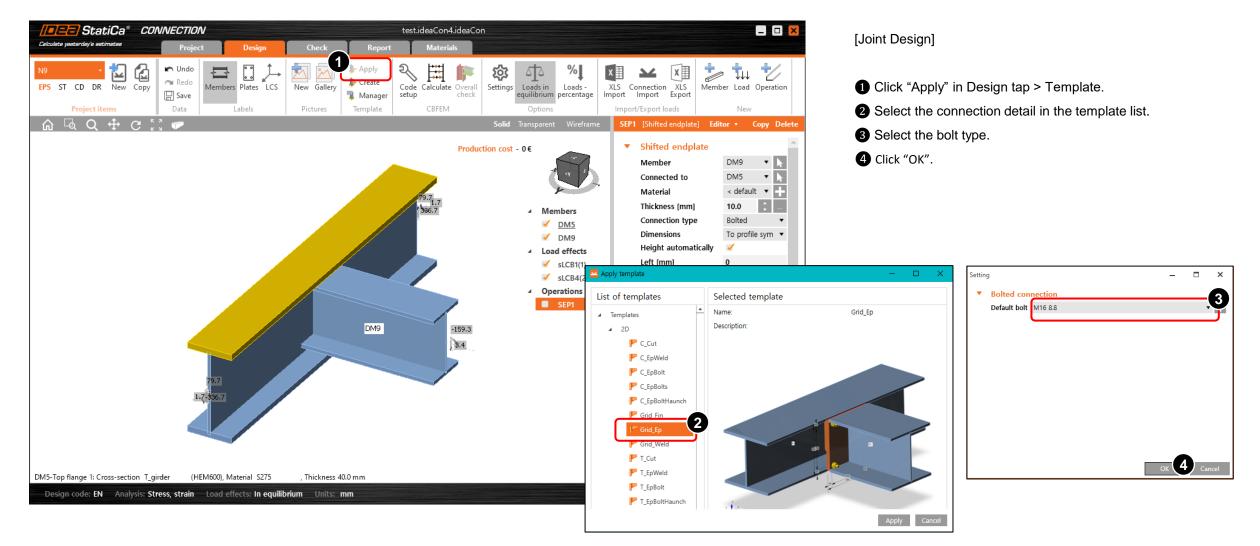
Step 6.



[Joint Design]

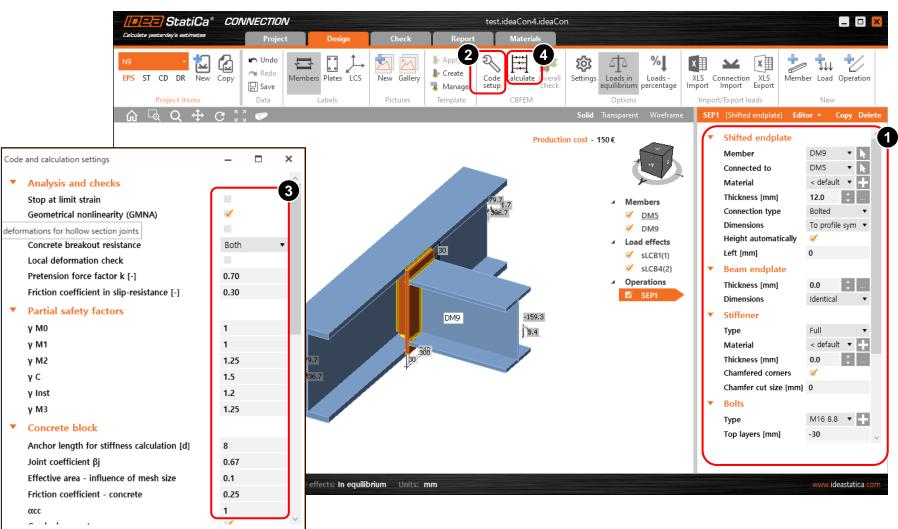
1 Modify the member properties and position

Step 7.



Step 8.

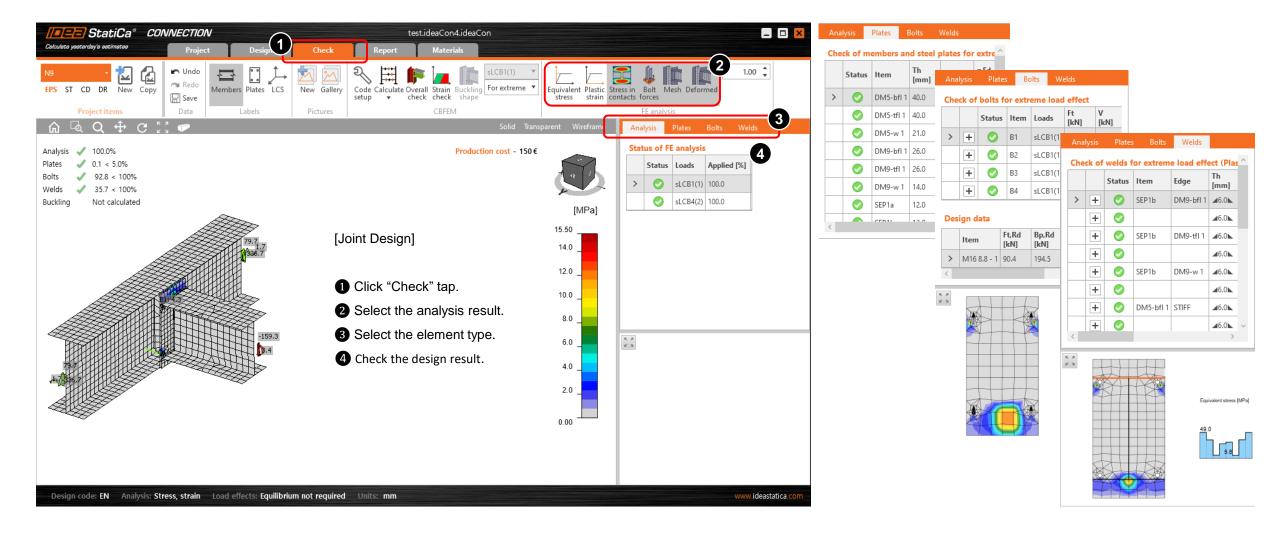
Collaps



[Joint Design]

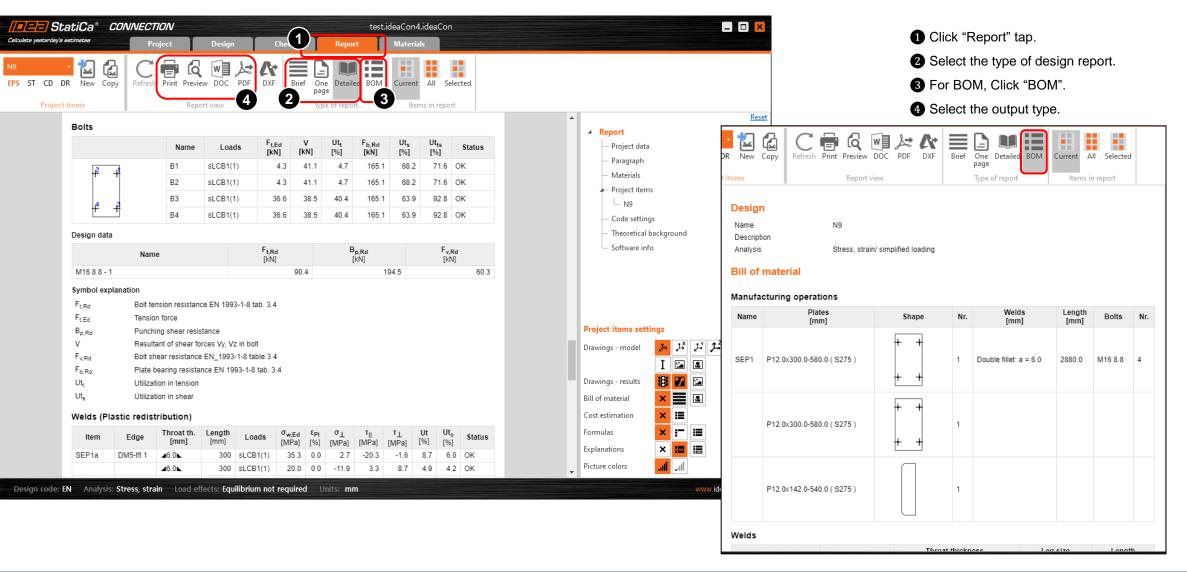
- Modify the connection information.
 Click "Code Setup" in Design tap > CBFEM.
 Modify the factor values for design.
- Click "Calculate" in Design tap > CBFEM.

Step 9.

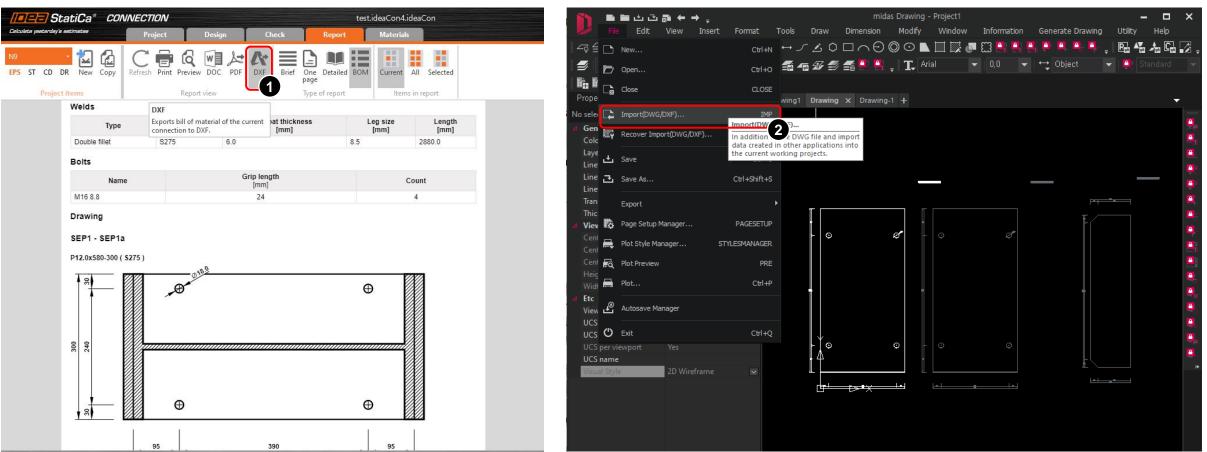


Step 10.

[Reporting]



Step 11.



[Drawing]

Olick "DXF" and save as new name .

Import the dxf file in midas Drawing.