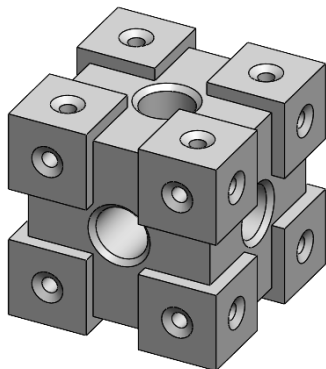
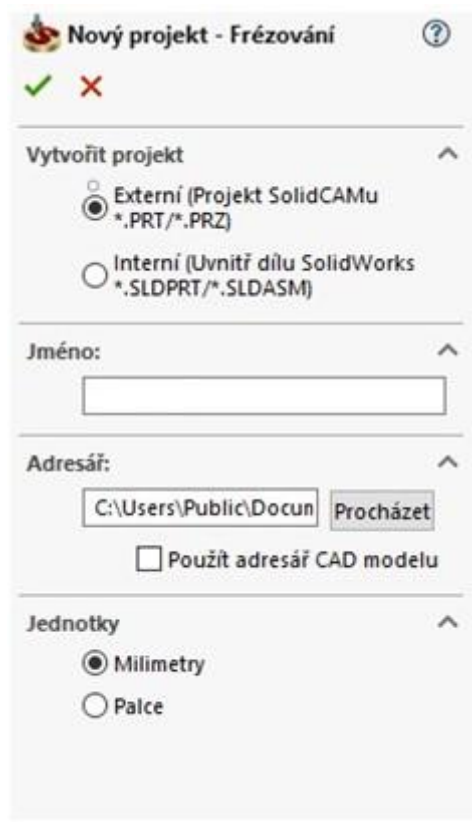


Cube – program CAM

1. Open SolidCAM project - New (Milling)



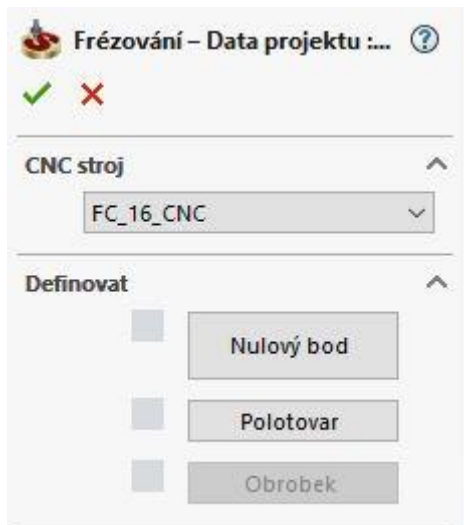
2. Create a project and select units of measurement



The screenshot shows the 'Nový projekt - Frézování' (New Project - Milling) dialog box in SolidCAM. It includes a title bar with a question mark icon, a green checkmark and a red X icon, and several sections:

- Vytvořit projekt** (Create project):
 - Externí (Projekt SolidCAMu *.PRT/*.PRZ)
 - Interní (Uvnitř dílu SolidWorks *.SLDPRT/*.SLDASM)
- Jméno:** (Name): An empty text input field.
- Adresář:** (Folder):
 - Text input: C:\Users\Public\Docum
 - Button: Procházet
 - Použít adresář CAD modelu
- Jednotky** (Units):
 - Milimetry
 - Palce

3. Identify important project dates



Frézování – Data projektu ...

CNC stroj
FC_16_CNC

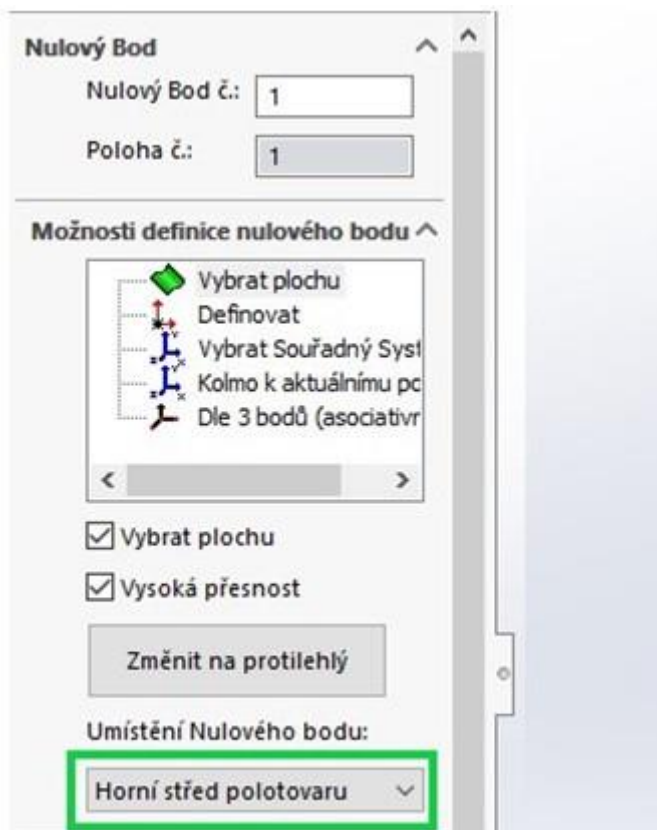
Definovat

Nulový bod

Polotovár

Obrobek

4. Location of the Zero Point



Nulový Bod

Nulový Bod č.: 1

Poloha č.: 1

Možnosti definice nulového bodu

Vybrat plochu
Definovat
Vybrat Souřadný Syst
Kolmo k aktuálnímu pc
Dle 3 bodů (asociativr



Vybrat plochu



Vysoká přesnost


Změnit na protilehlý

Umístění Nulového bodu:
Horní střed polotovaru


5. Semi-finished product additions

 **Polotovar** 


 

Jméno: 

Definováno pomocí




Vysoká přesnost
(polygonizace)


Režim 


Vzhledem k modelu

Absolutní souřadnice

Velikost polotovaru

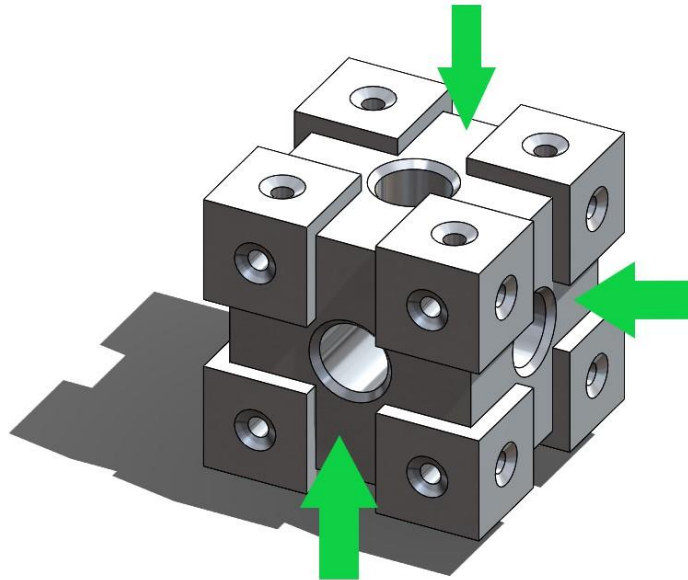
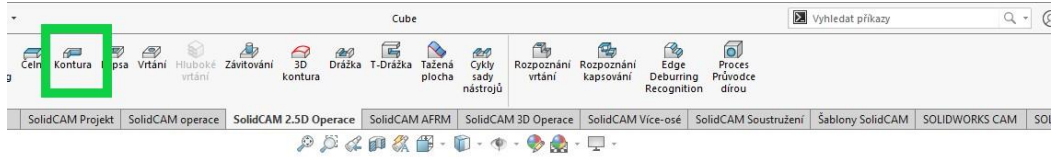
Výběr 

 Solid 1

Zvětšit kvádr o rozměr: 

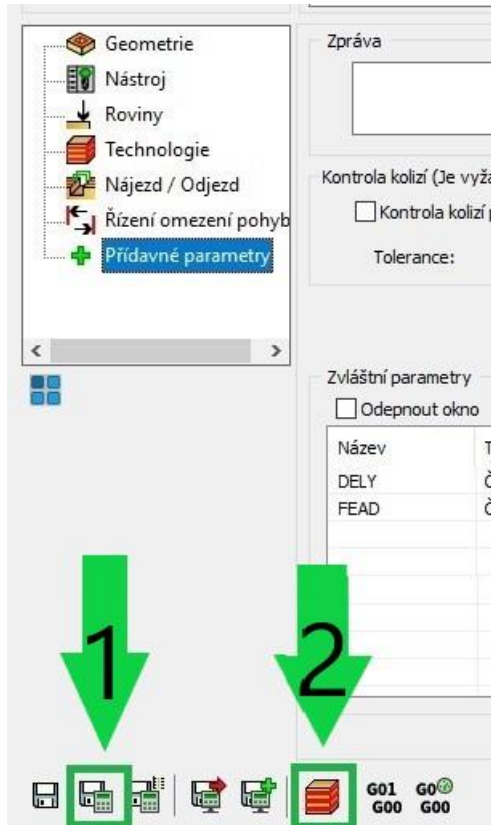
X+ :	<input type="text" value="0"/>
X- :	<input type="text" value="0"/>
Y+ :	<input type="text" value="0"/>
Y- :	<input type="text" value="0"/>
Z+ :	<input type="text" value="0"/>
Z- :	<input type="text" value="0"/>

6. Select the 1st operation (CONTOURE) - New shape geometry



7. Select tool movement geometry
8. Determine the tool (type and its cutting conditions)
9. Determine the planes (upper Z plane and contour depth)
10. Chip removal technology
11. Raid and departure of the tool

12. Save and recalculate the operation (1) and test machine simulation (2)



13. 3D simulation - video preview

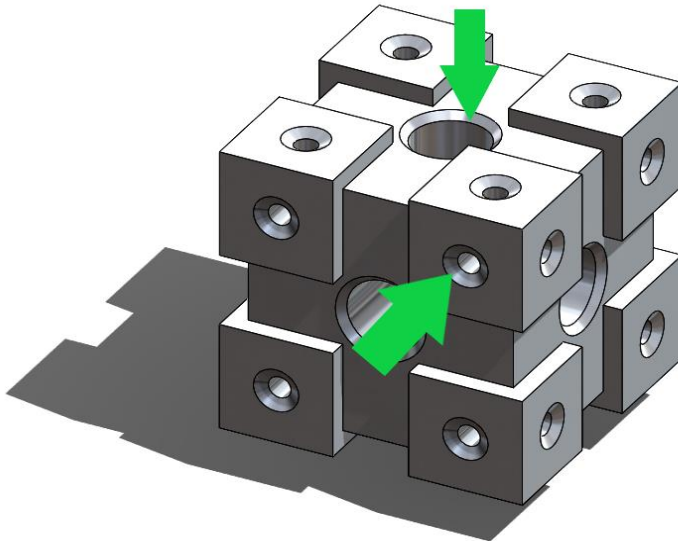
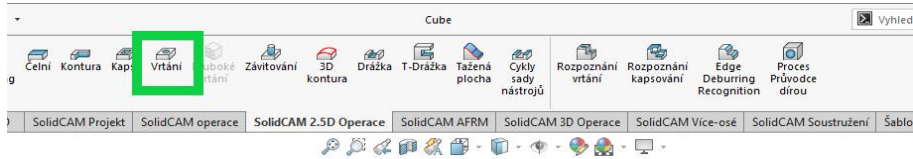
14. Recalculation of all operations and program generation



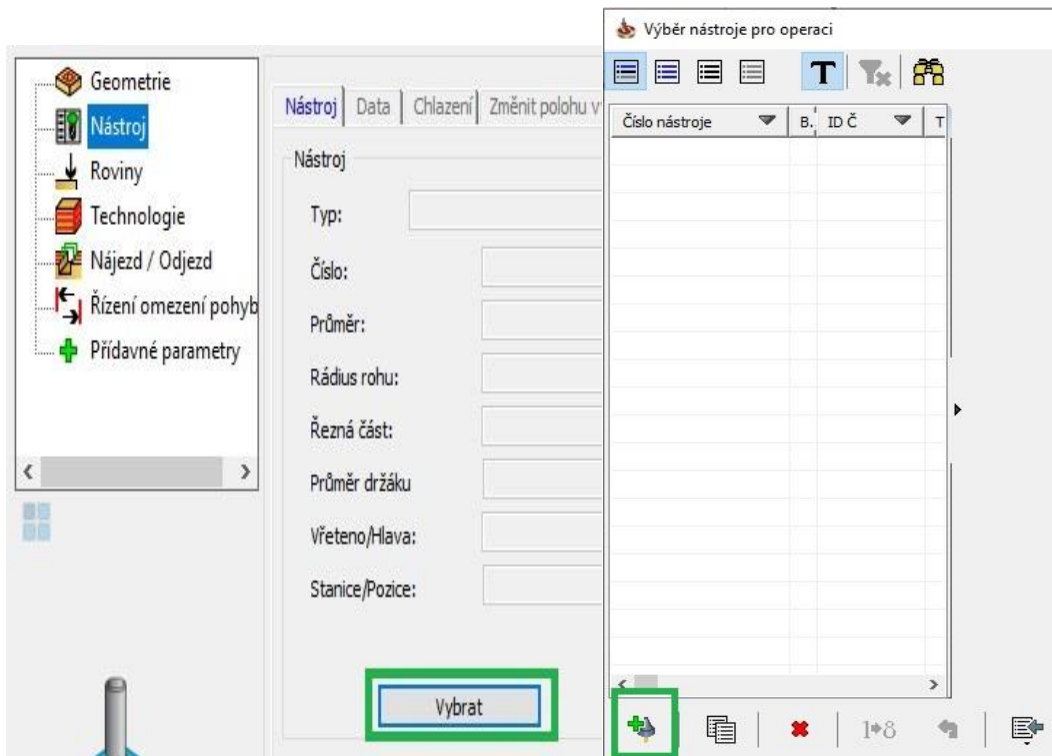
15. Save - The part is done

16. Select the 2st operation (DRILLING) - New shape geometry

17. Select the geometry of the tool movement

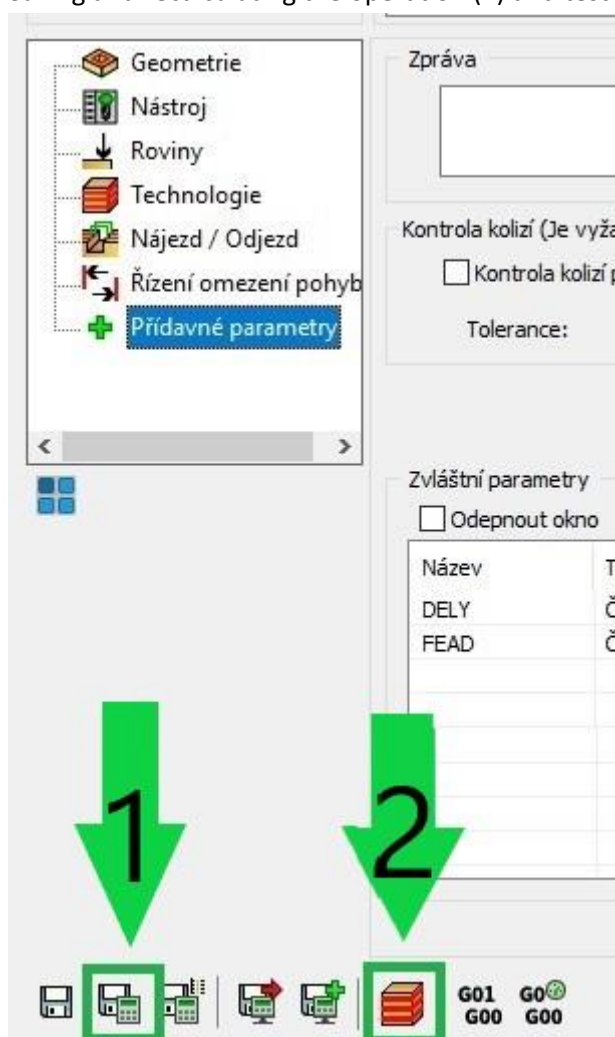


18. Determine the tool (type and its cutting conditions)





19. Saving and recalculating the operation (1) and testing of machine simulation (2)



20. 3D simulation - video preview

21. Recalculation of all operations and program generation



22. Save - The part is done