

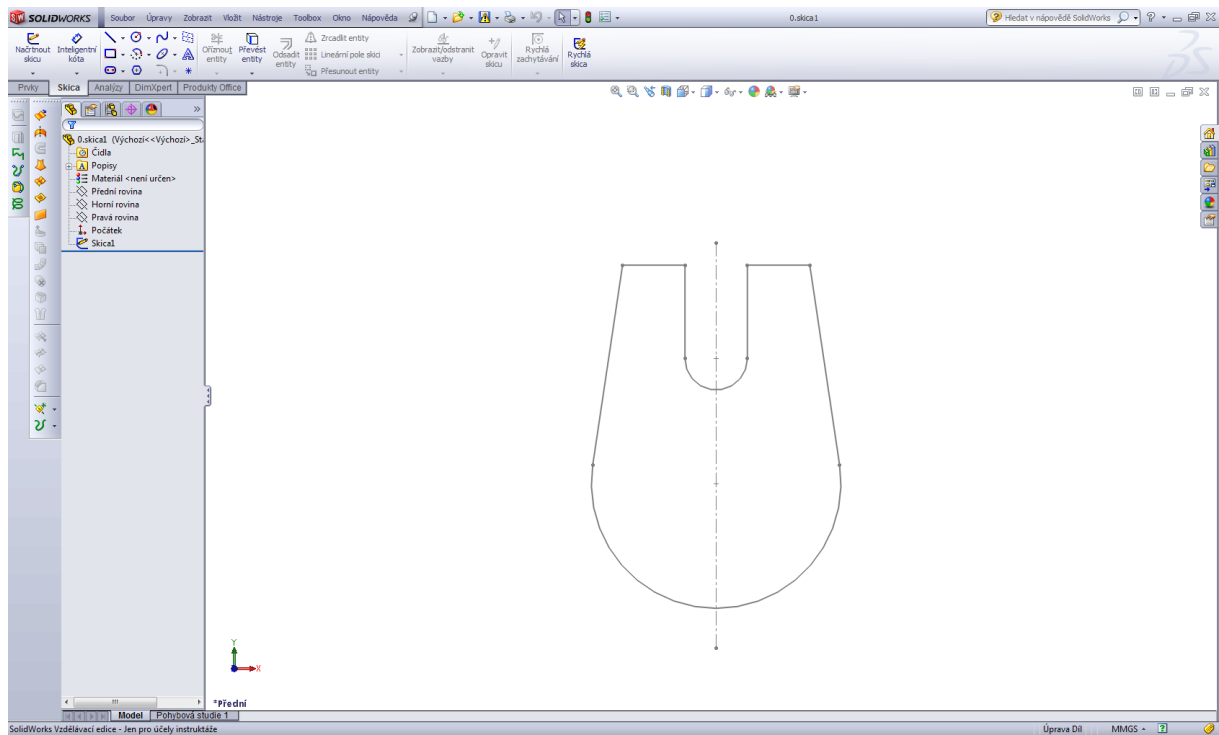
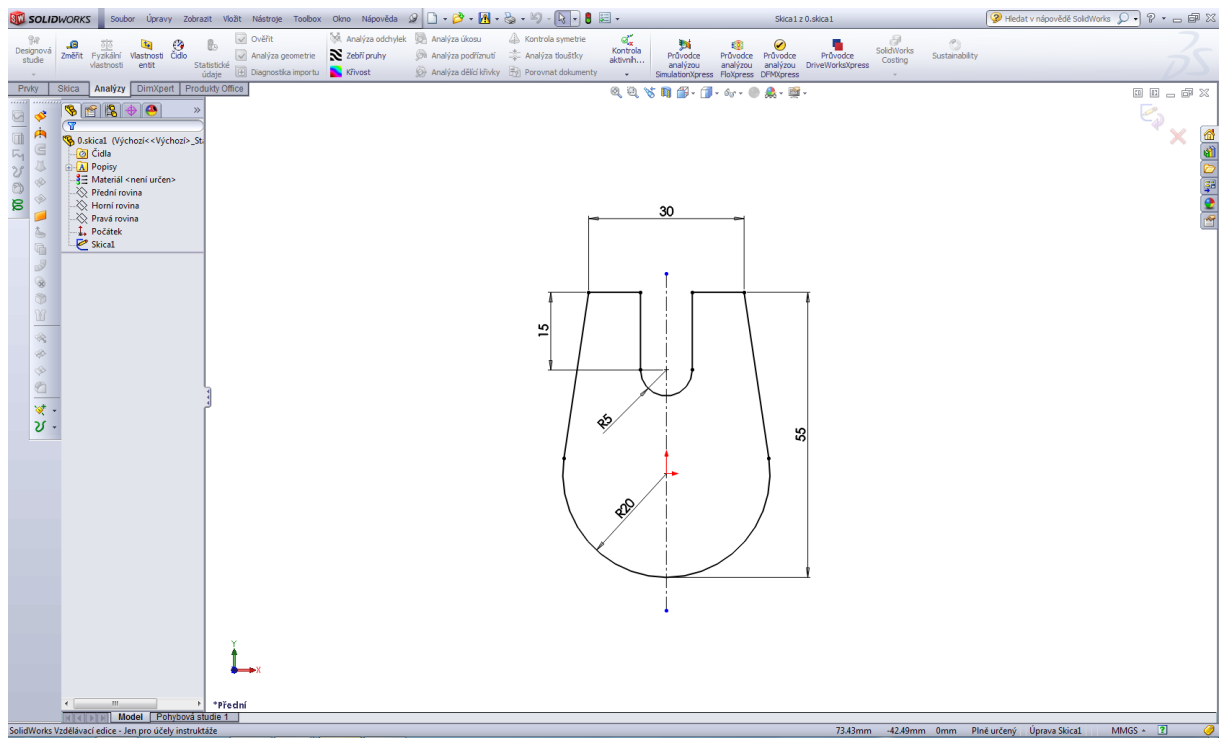
METODIKA

SOLIDWORKS

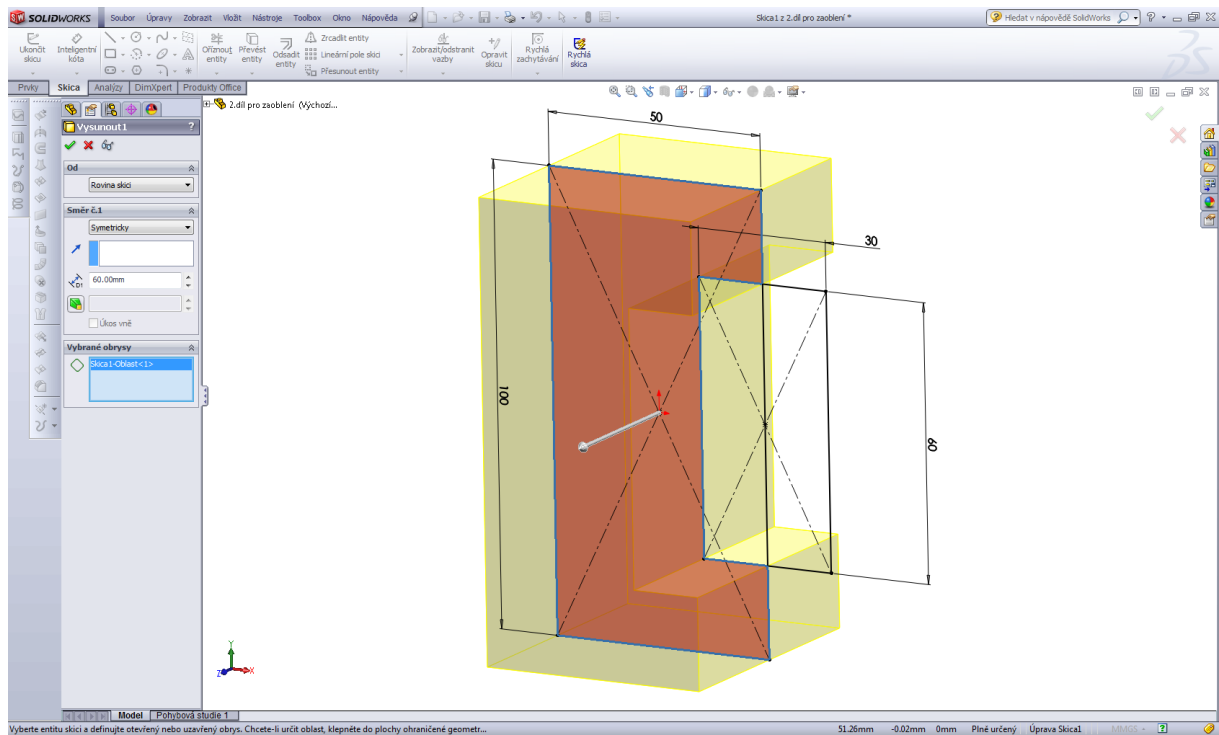
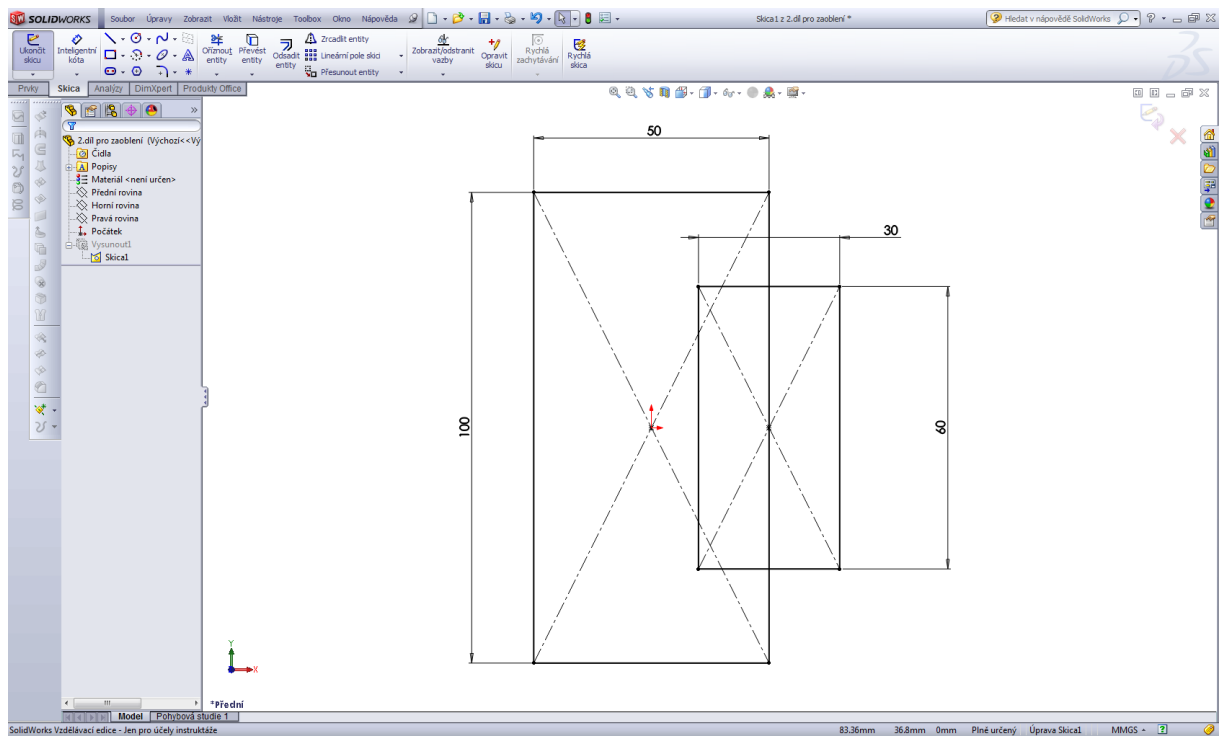
2013

Autor: Ing. Jan Jakeš

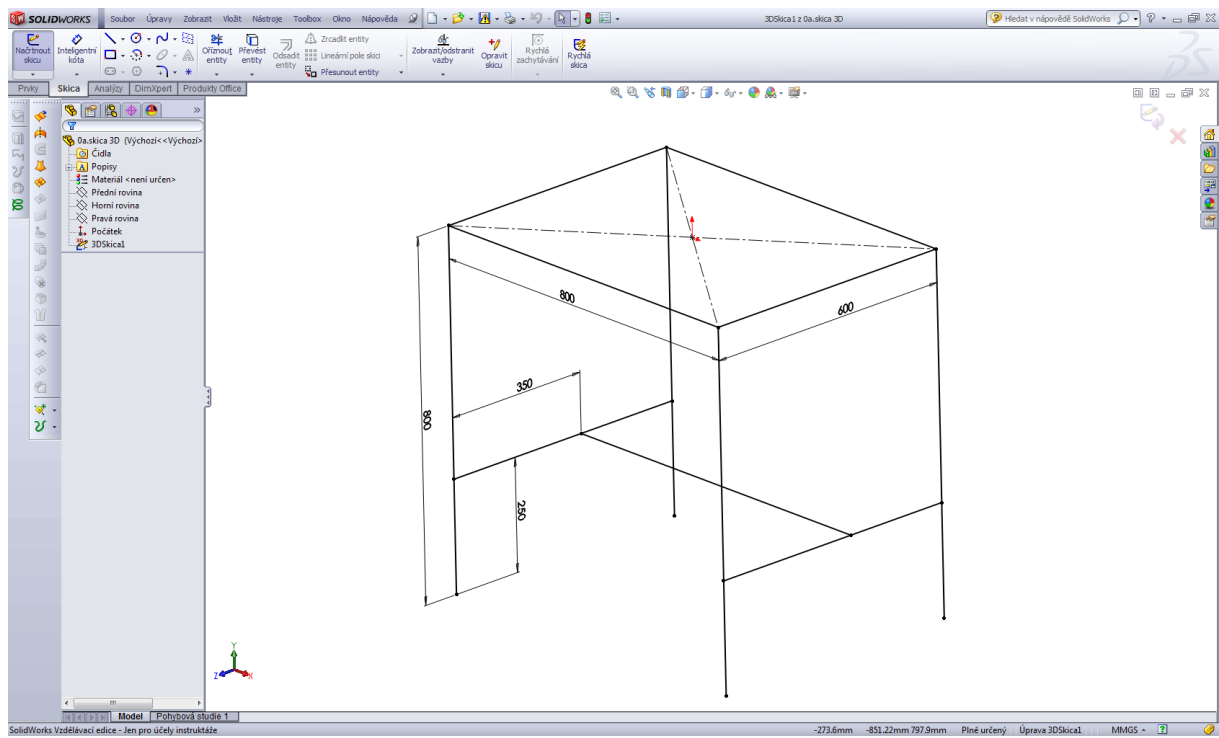
Tvorba skic – 2D.



Tvorba skic – 2D s následným prvkem přidat vysunutím.



Tvorba skic – 3D.

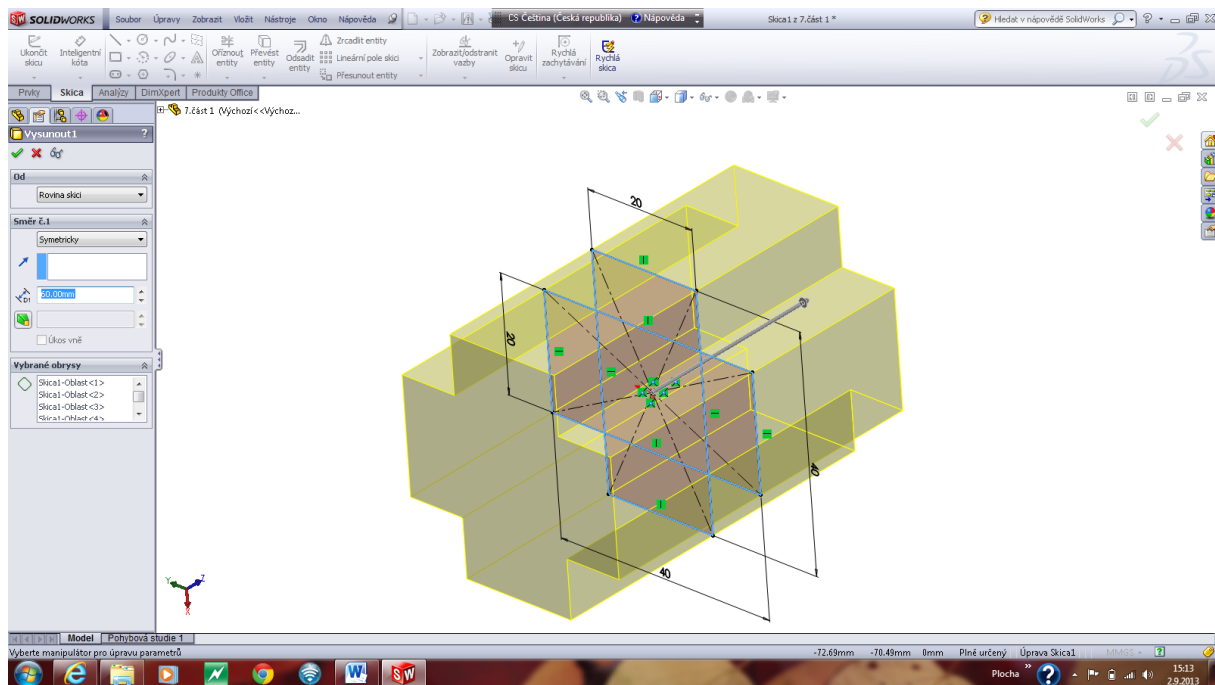
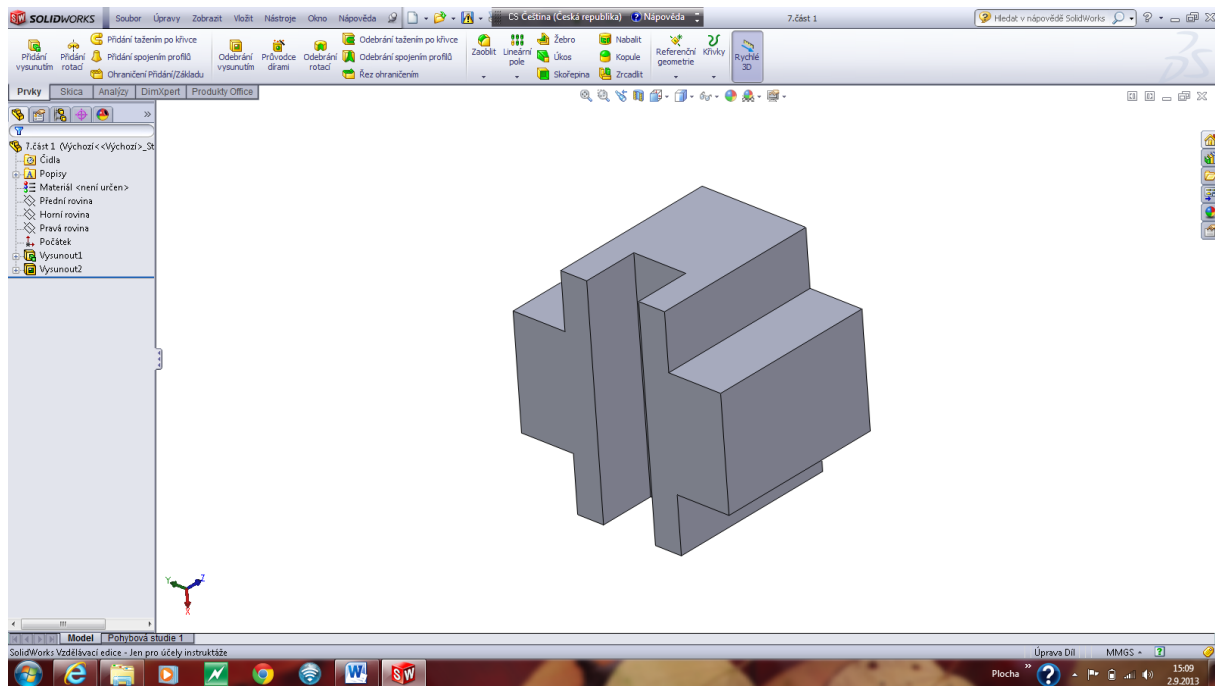


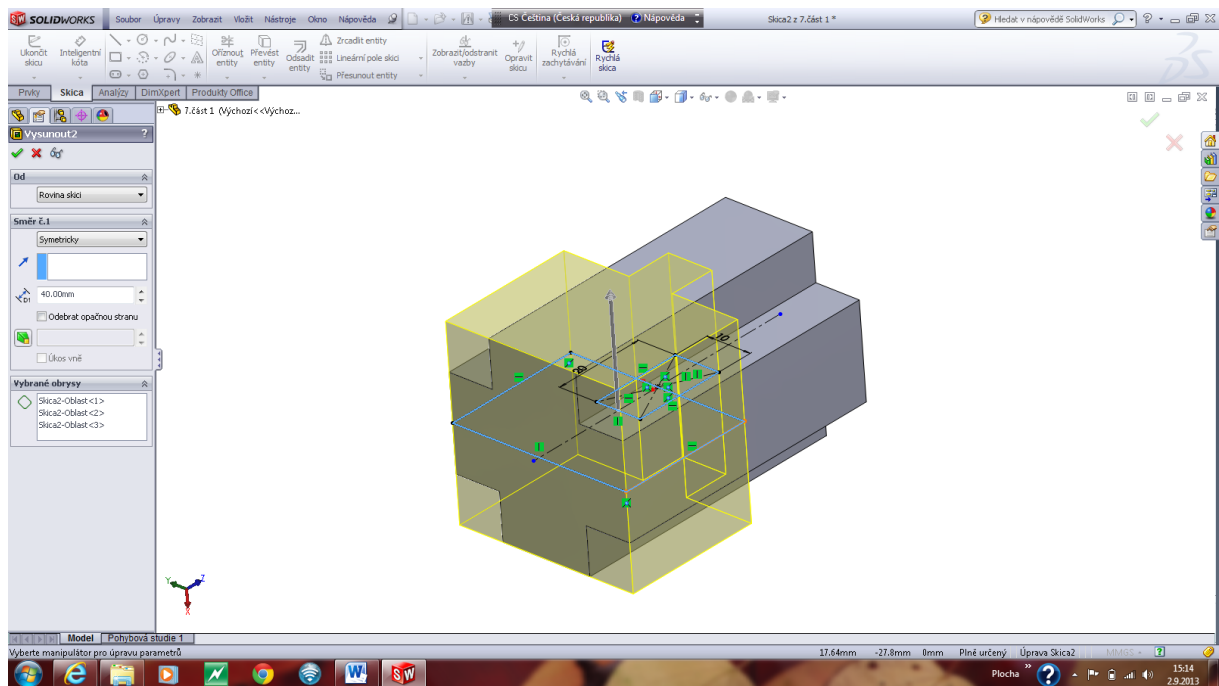
Příklady skic a modelování.

Tvorba skic – úvod, jednoduchá tělesa, příklady.

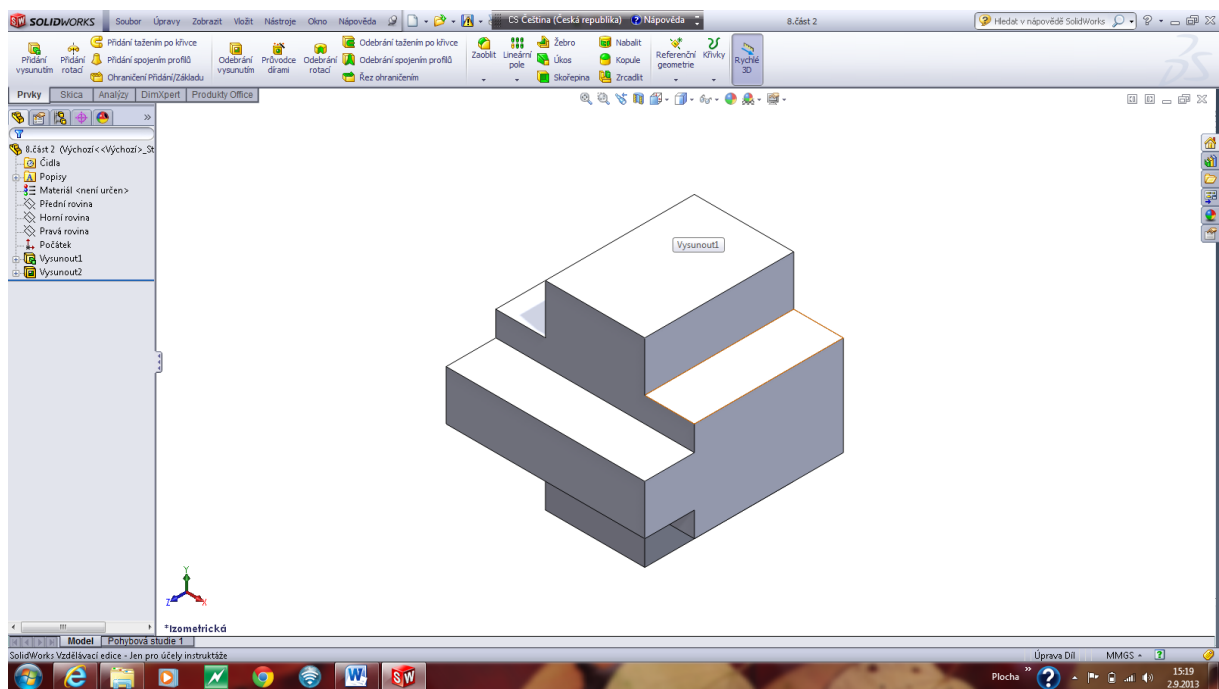
Model tělesa s postupem tvorby skic a modelování.

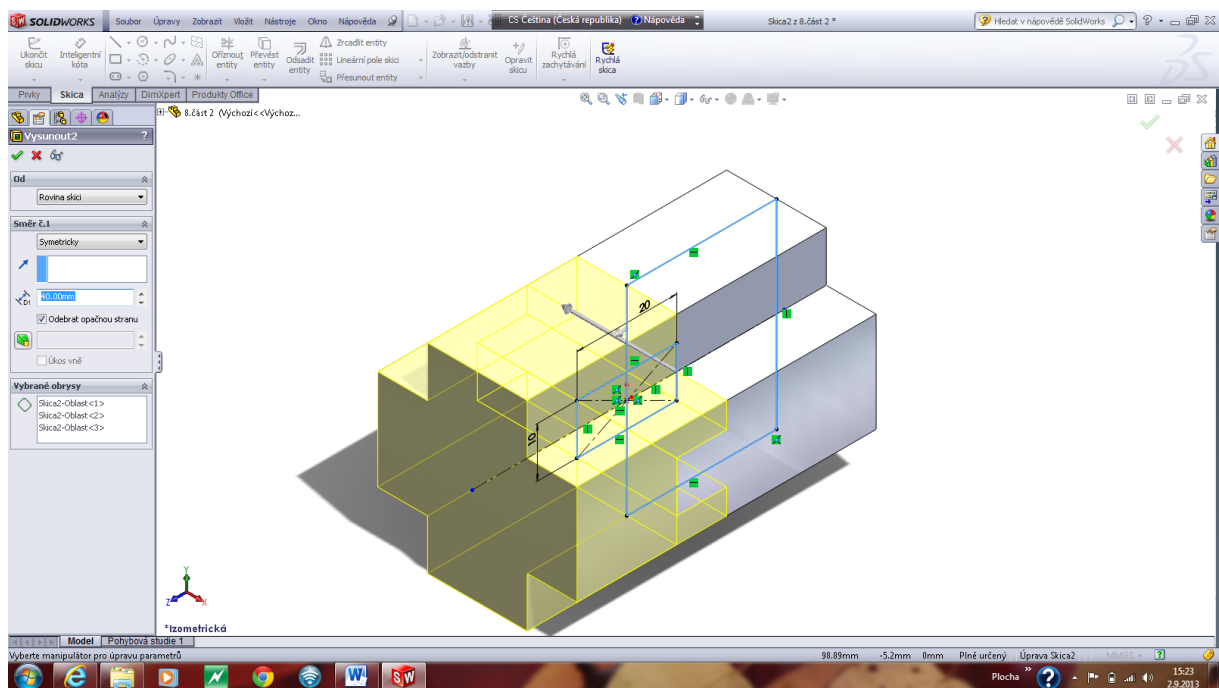
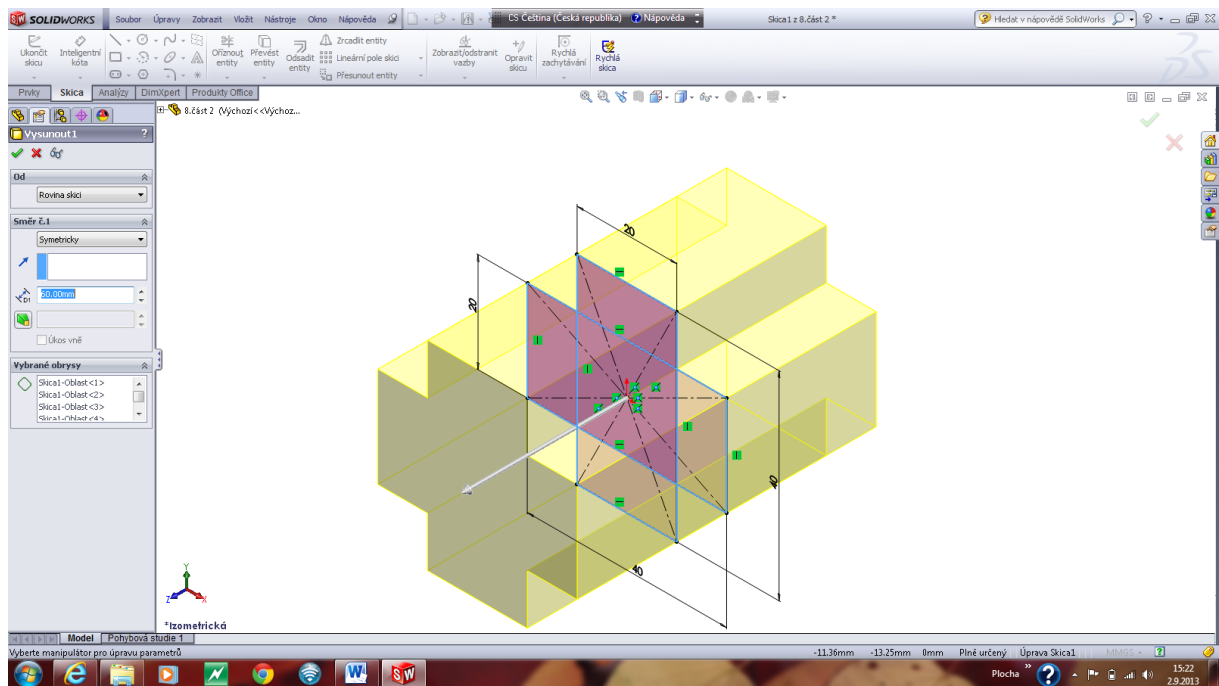
Těleso 1.



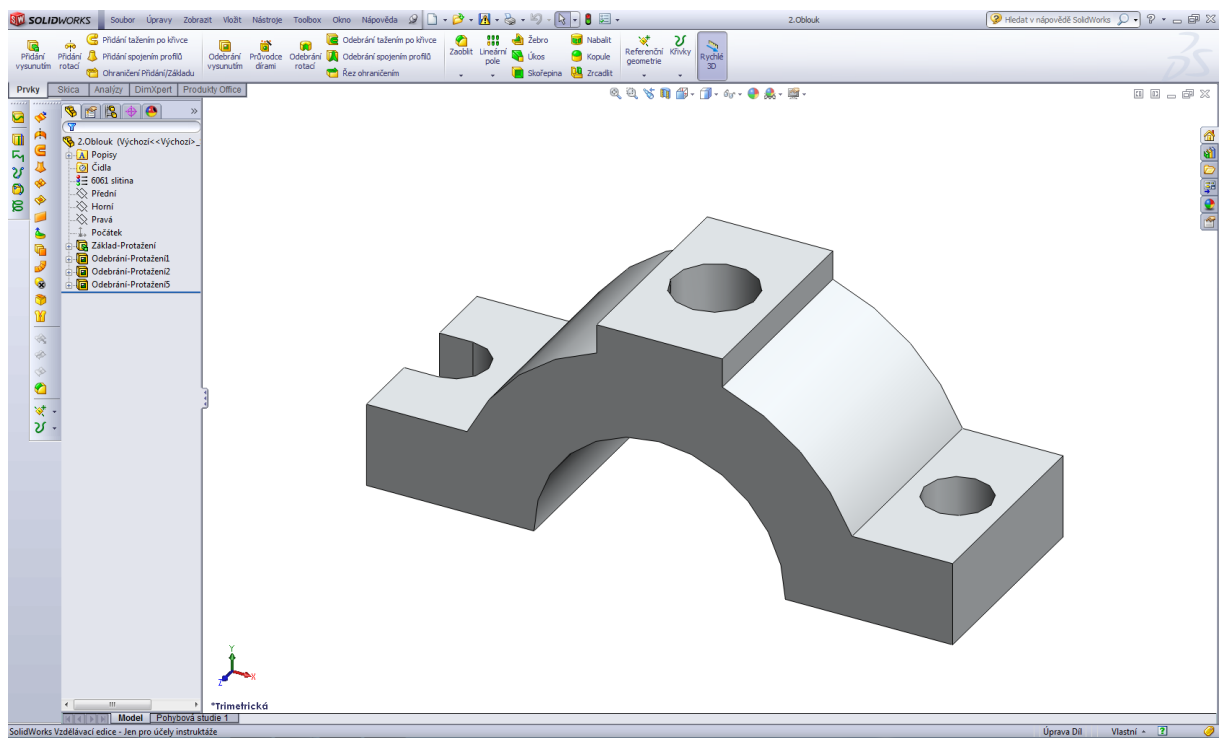


Těleso 2.

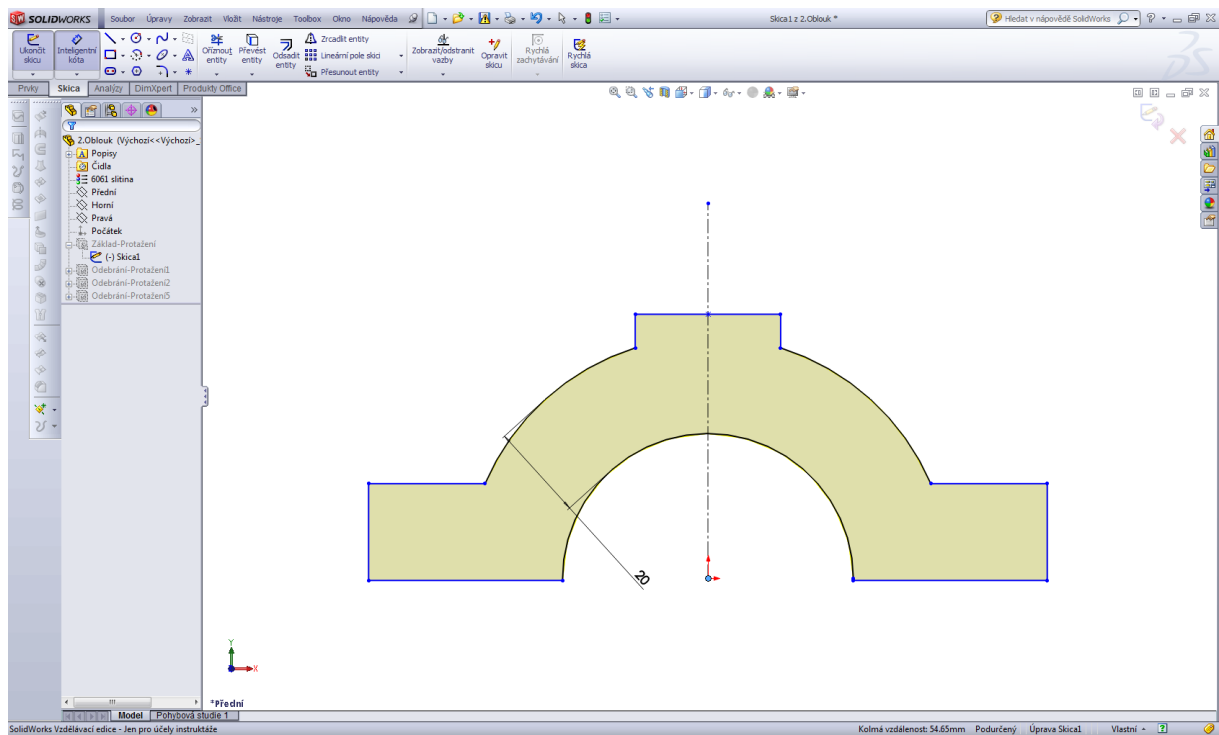




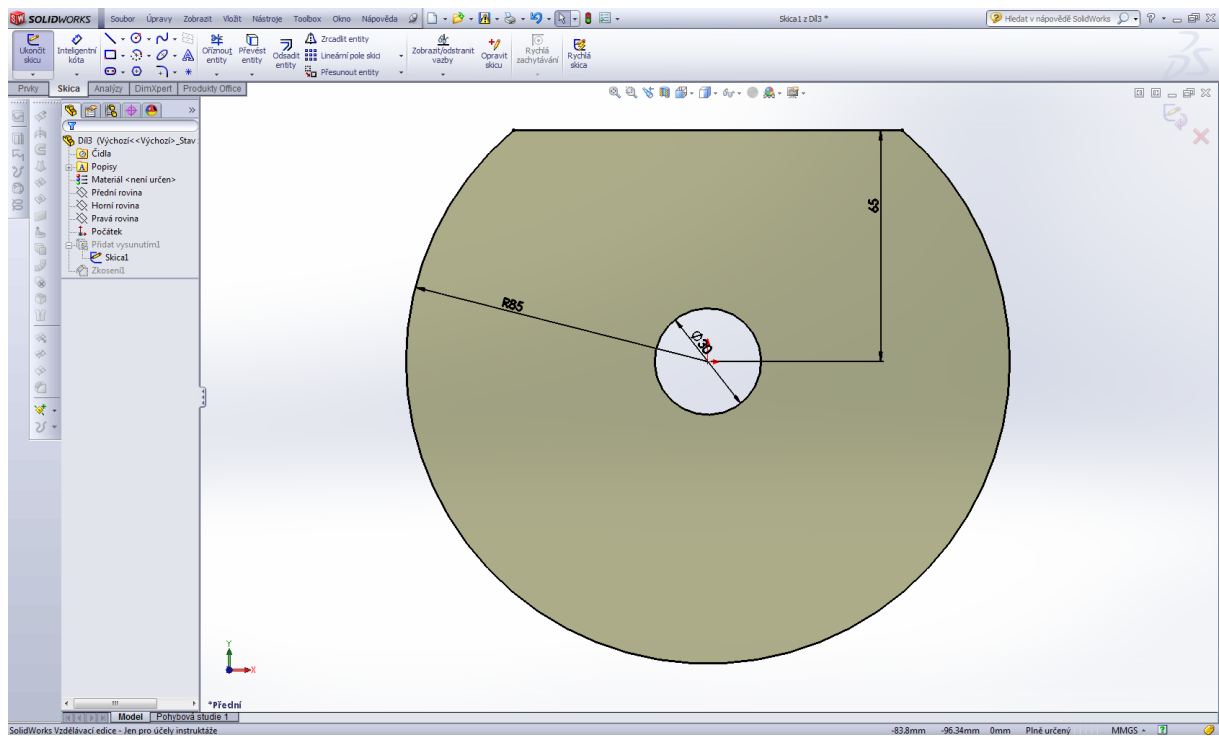
Tvorba skic – oblouk.

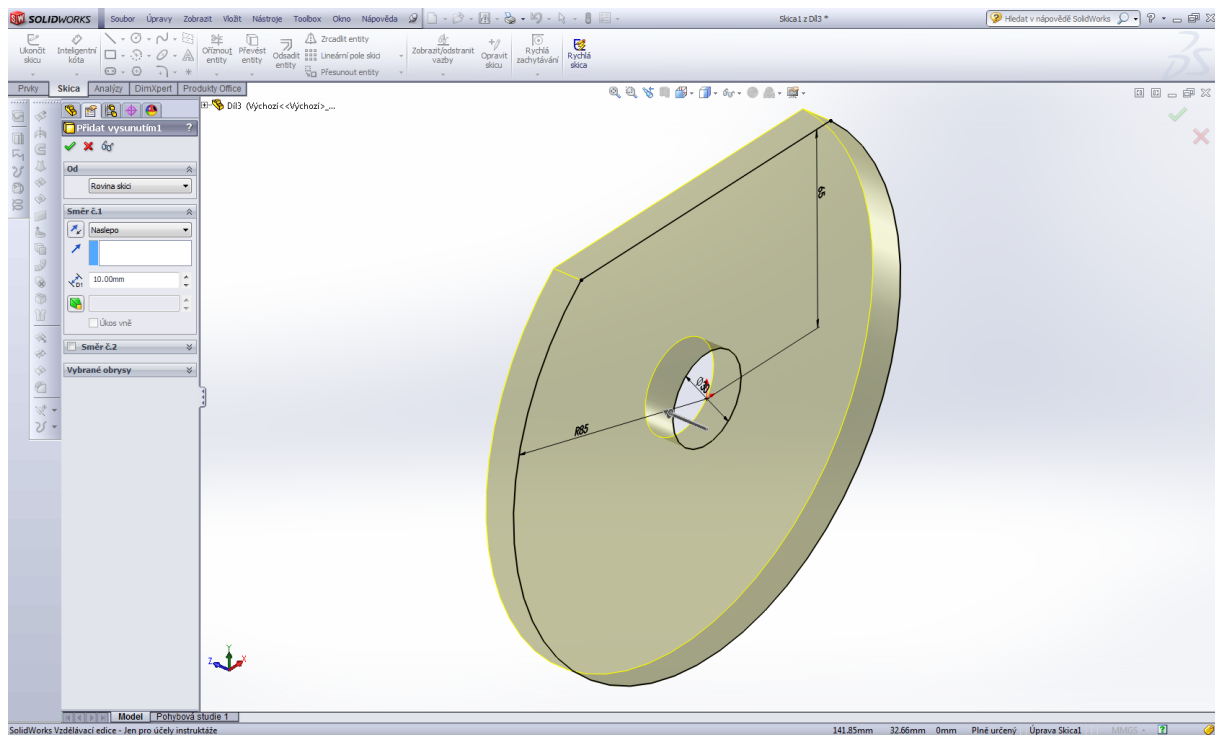


Úvodní skica oblouku.

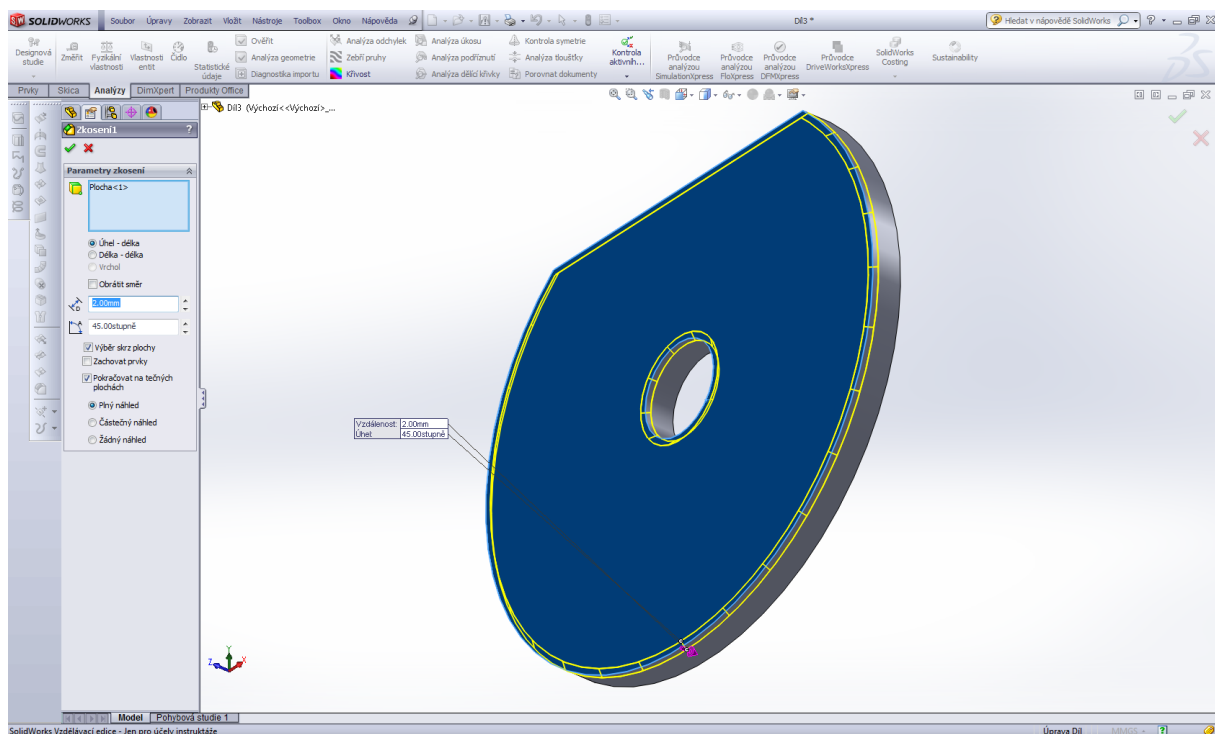


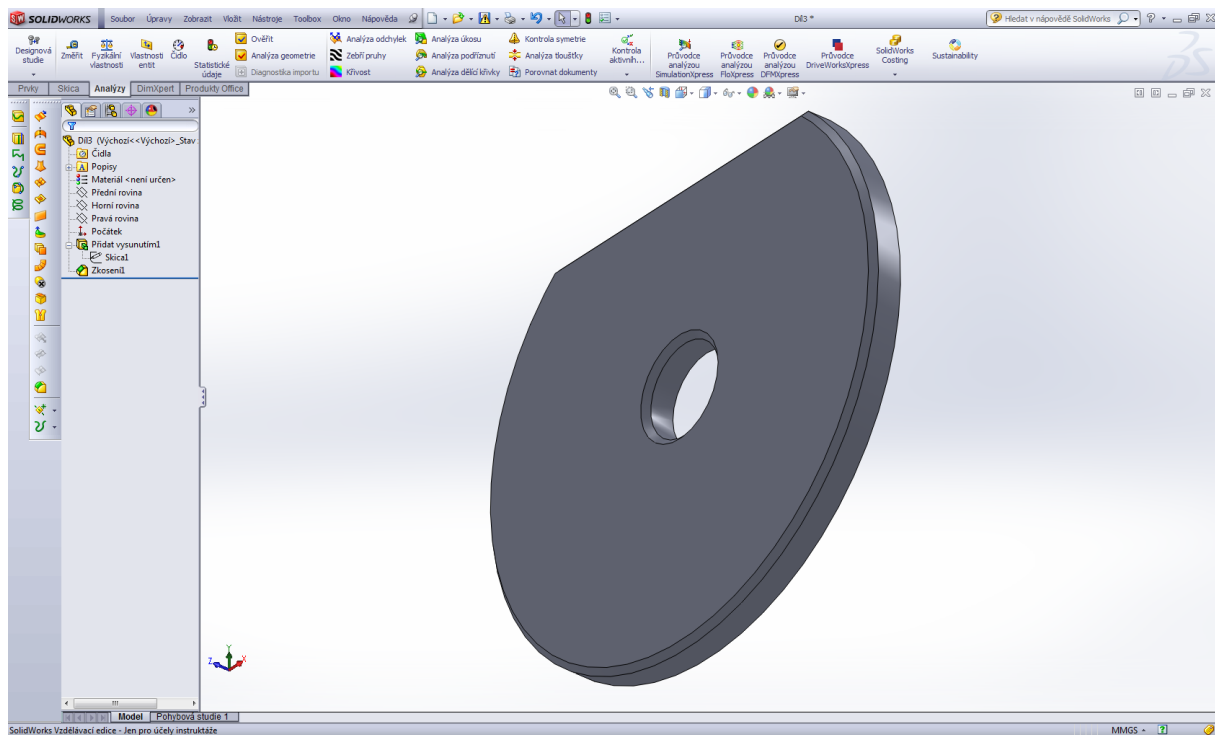
Tvorba skic – podložka.





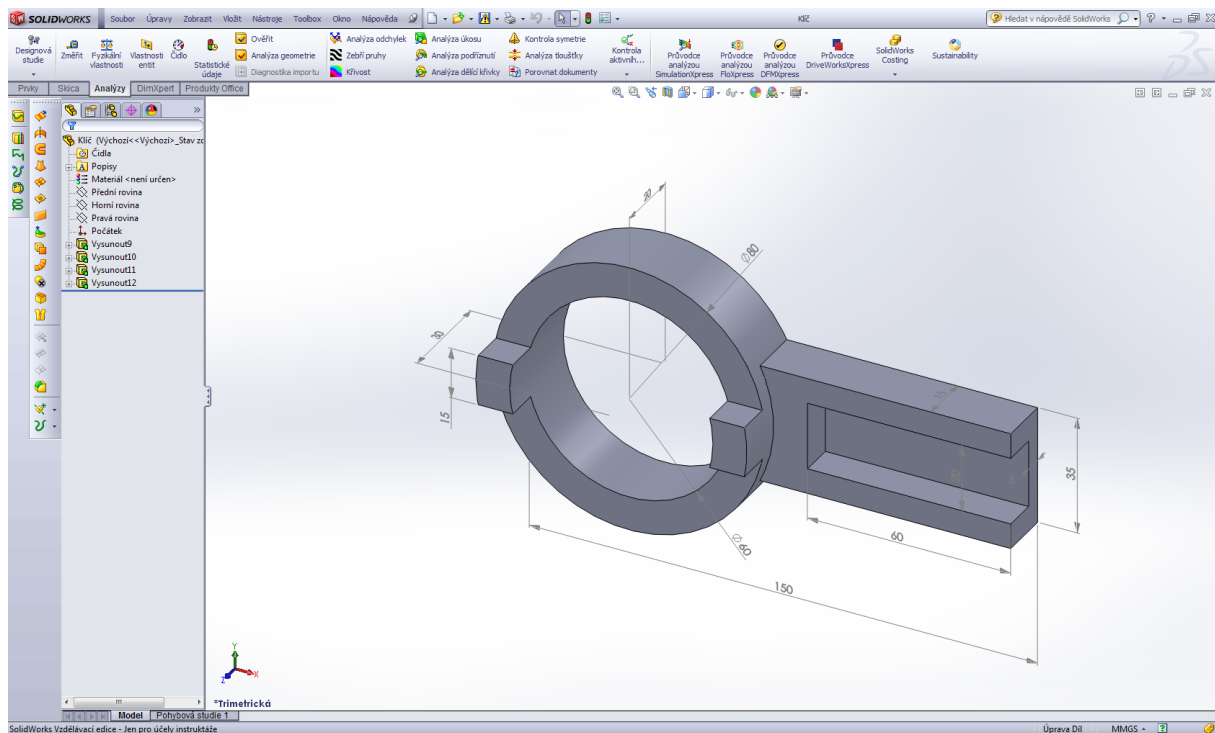
Pokud je skica plně definovaná mají její čáry černou barvu. Následně skicu uzavřeme a přejdeme k vlastnímu modelování dílu – prvek přidat vysunutím, posledním prvkem tohoto dílu je zkosení.



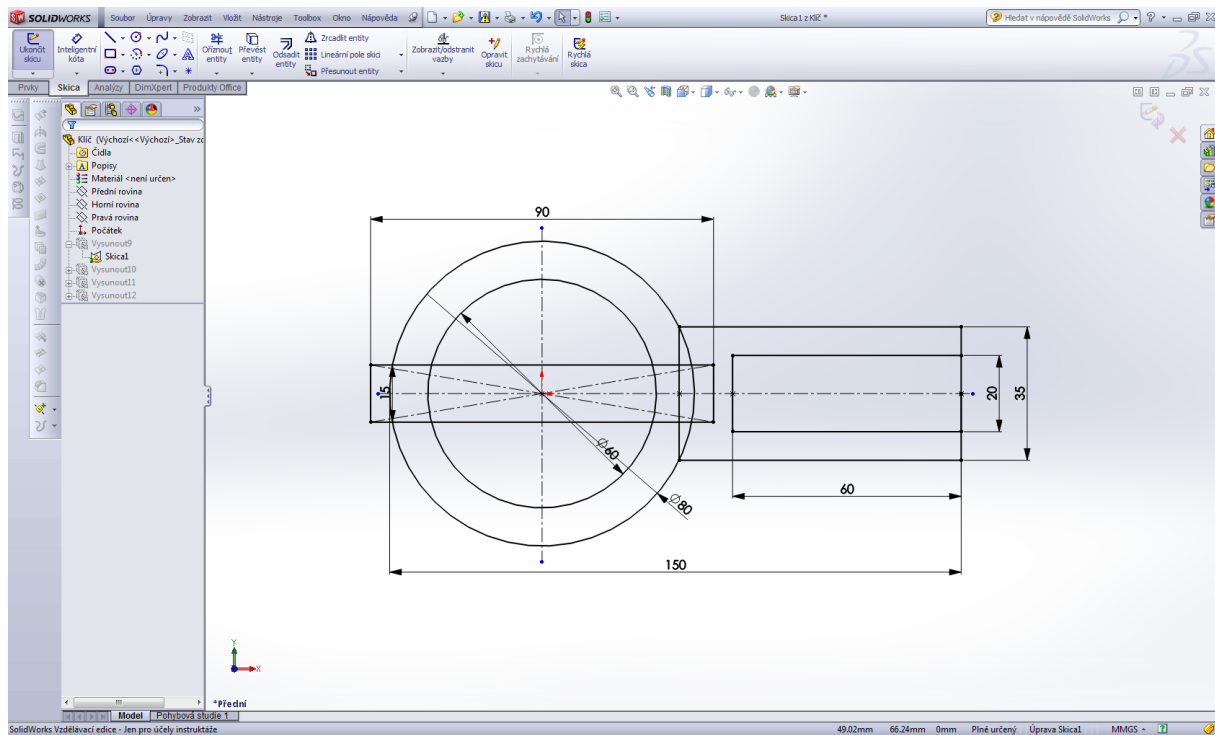


Návrh požadované operace je barevně odlišen žlutou barvou – pokud tento návrh potvrdíme dostaneme výsledný tvar modelu podložky.

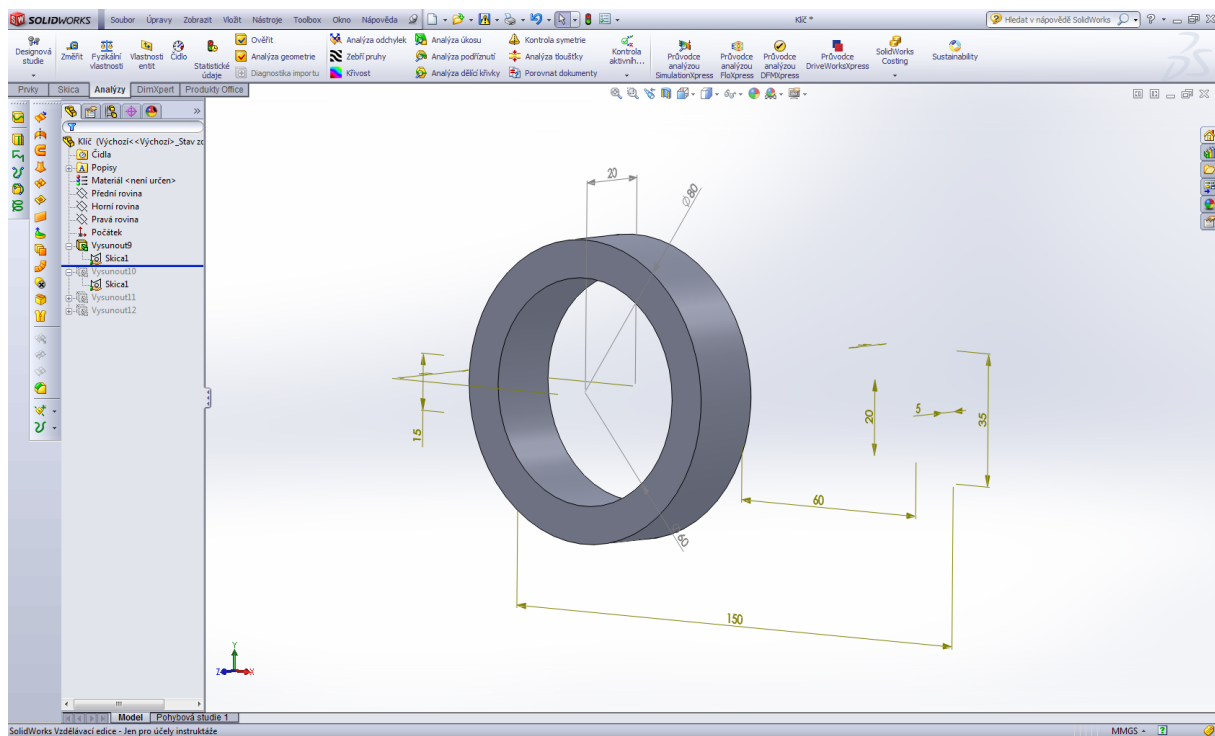
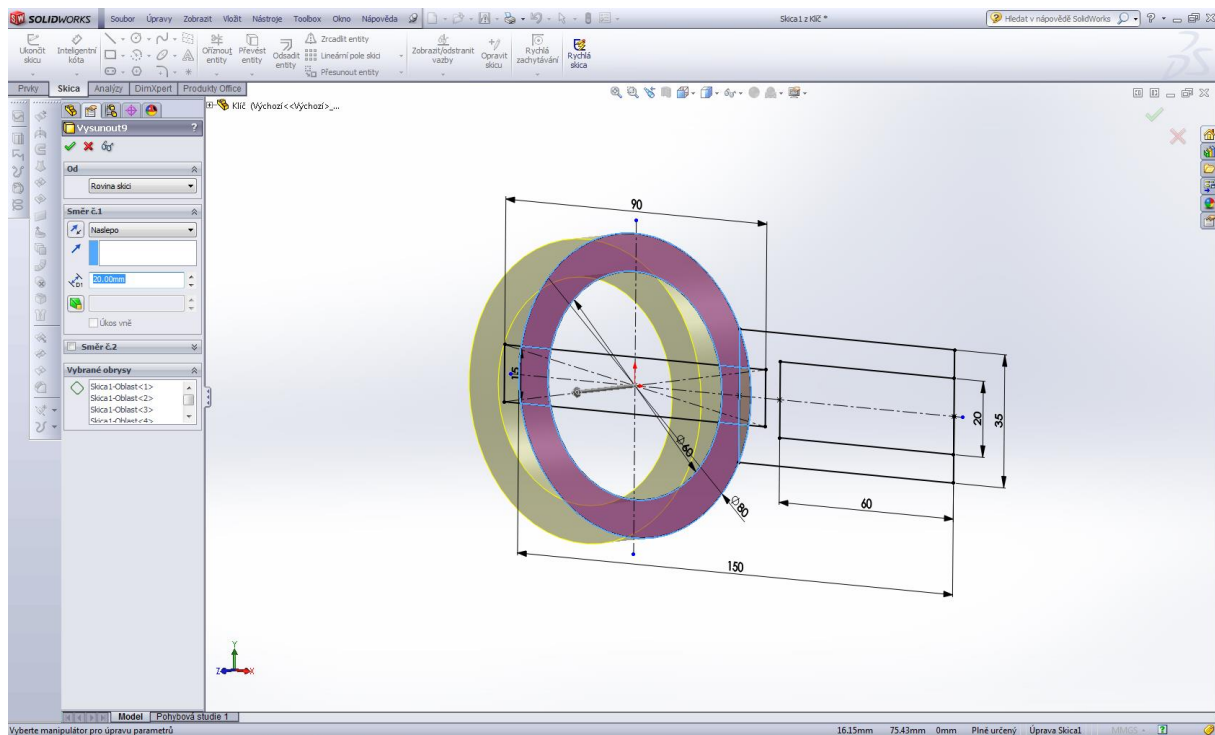
Modelování klíče.



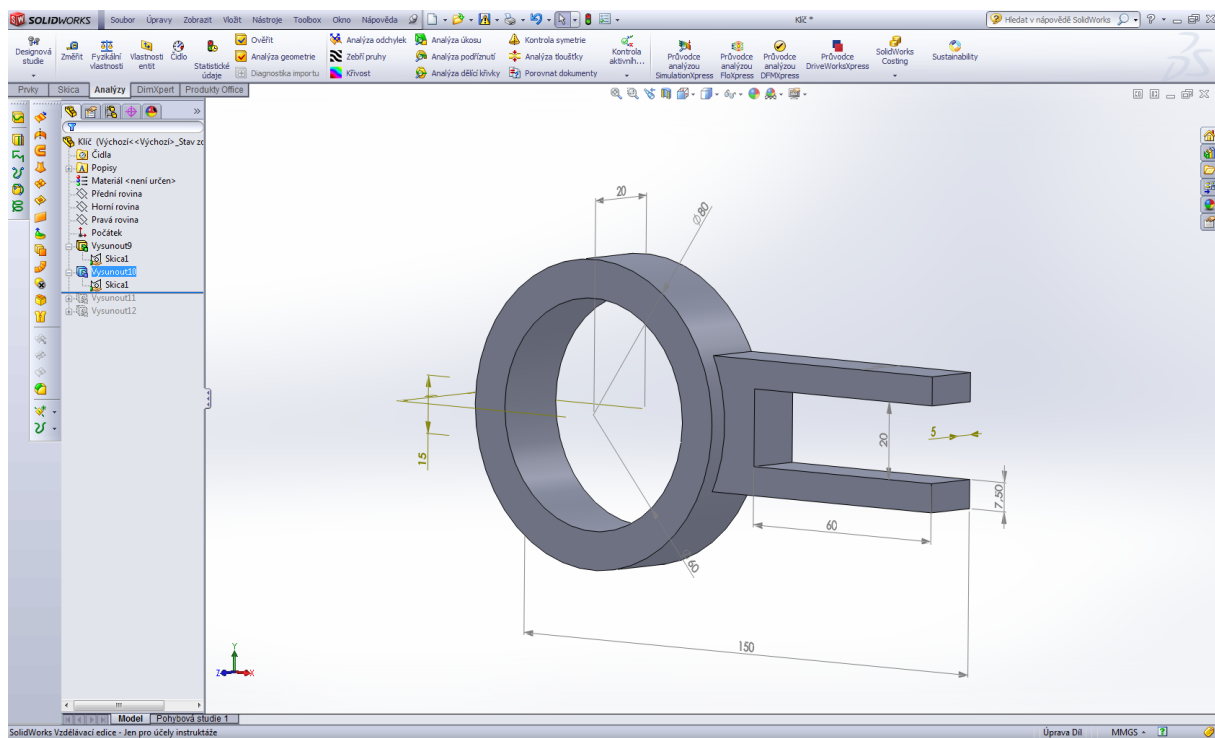
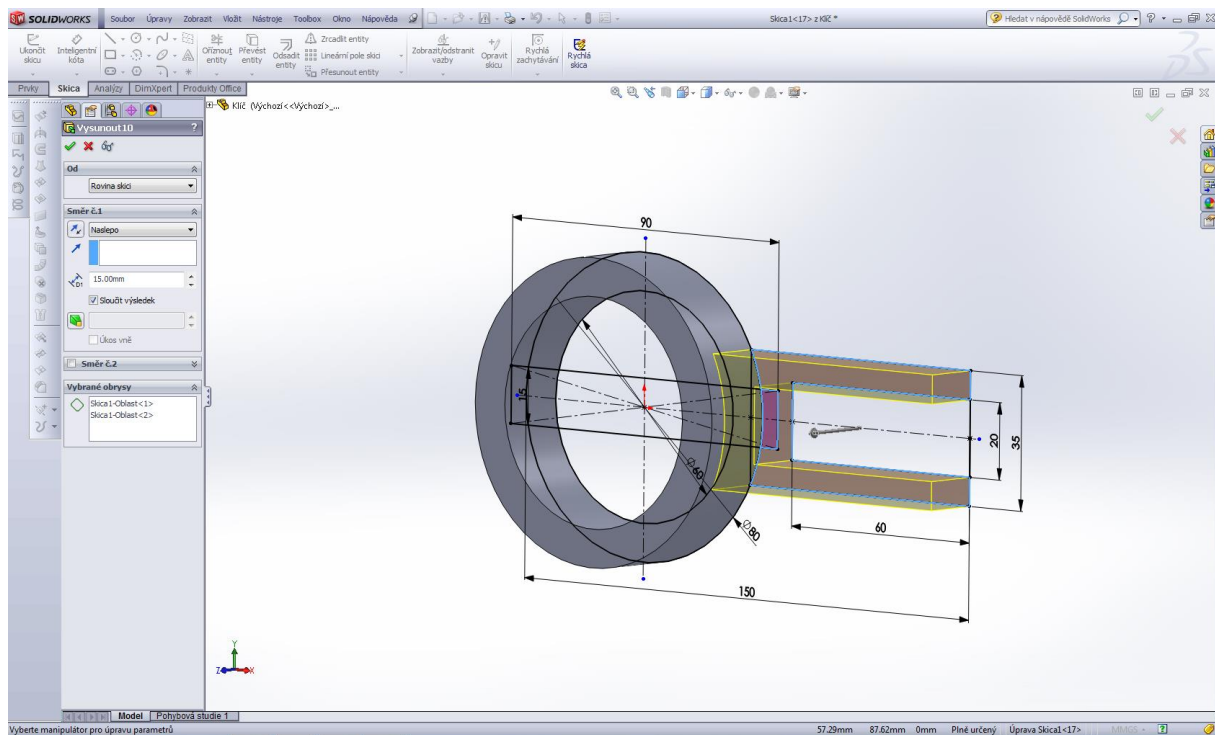
Úvodní skica klíče.



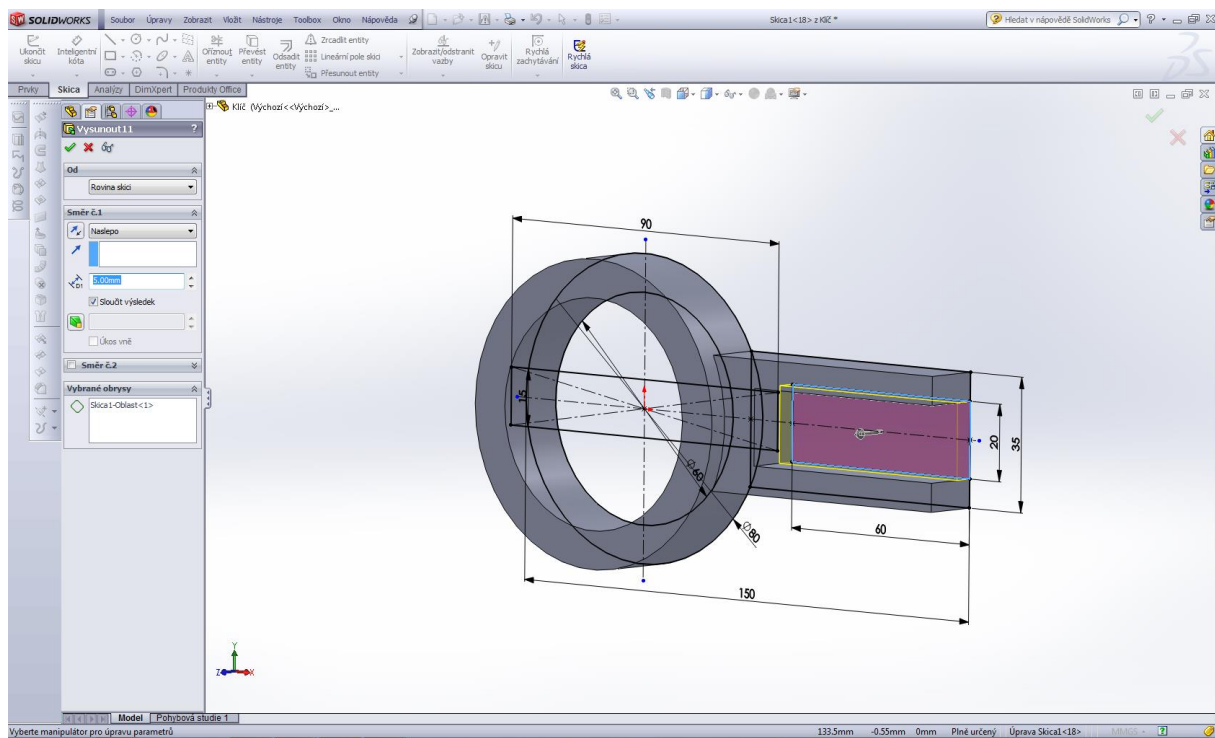
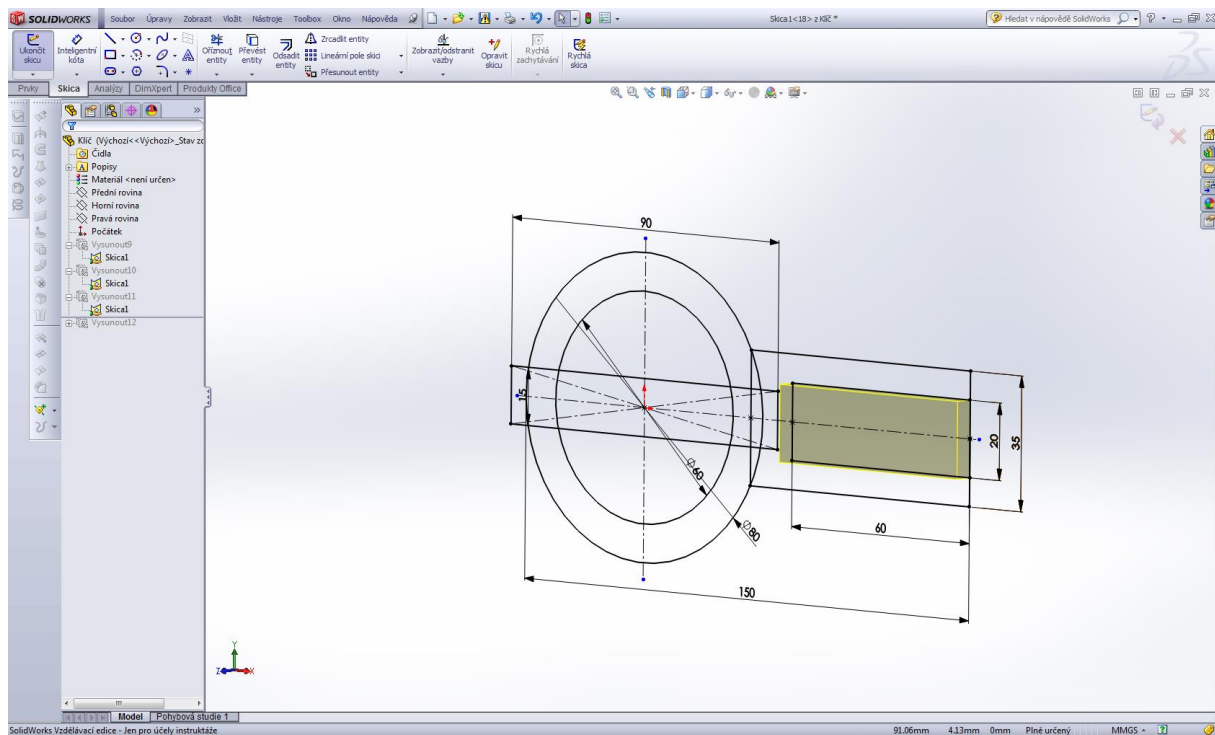
Prvek přidat vysunutím – první operace.

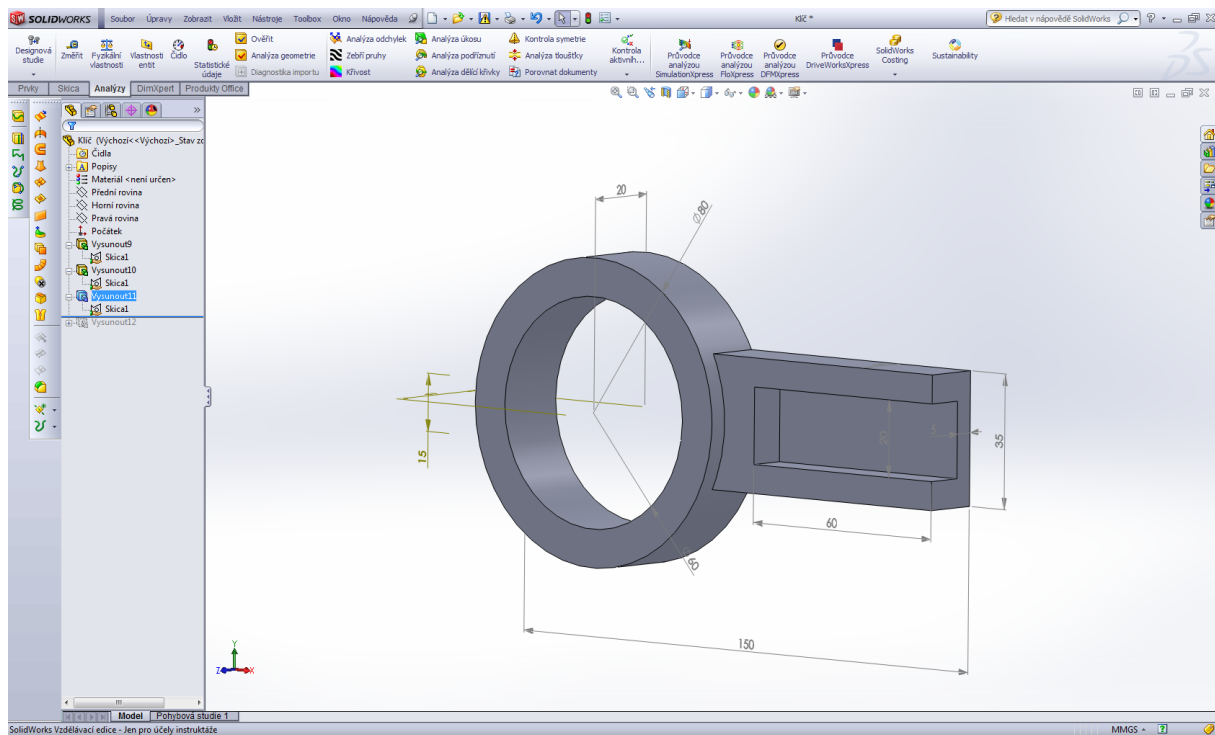


Prvek přidat vysunutím – druhá operace.

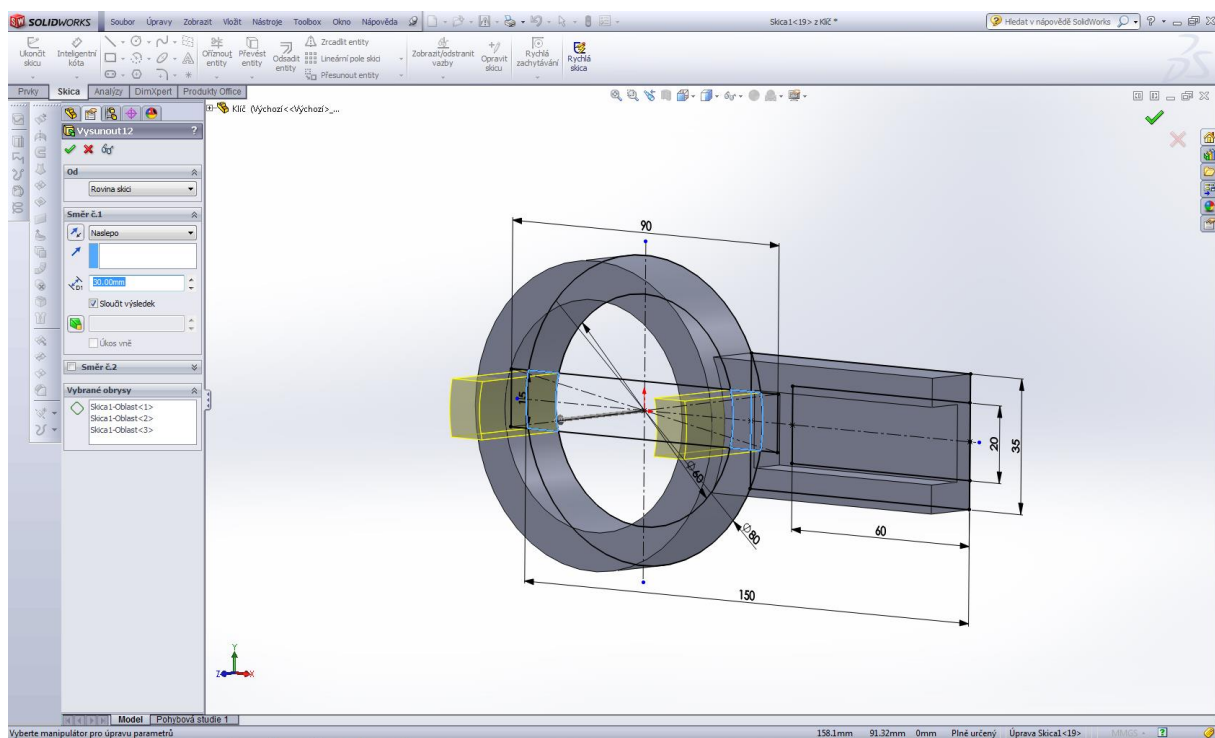


Prvek přidat vysunutím – třetí operace.

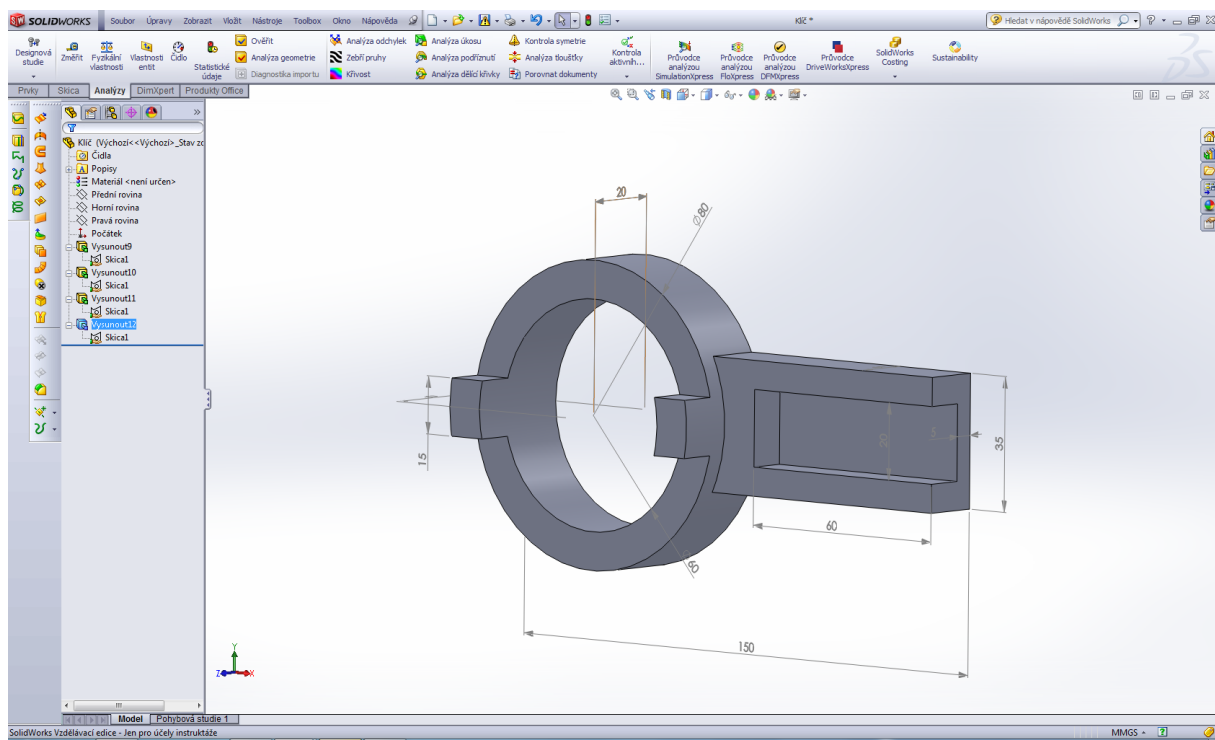




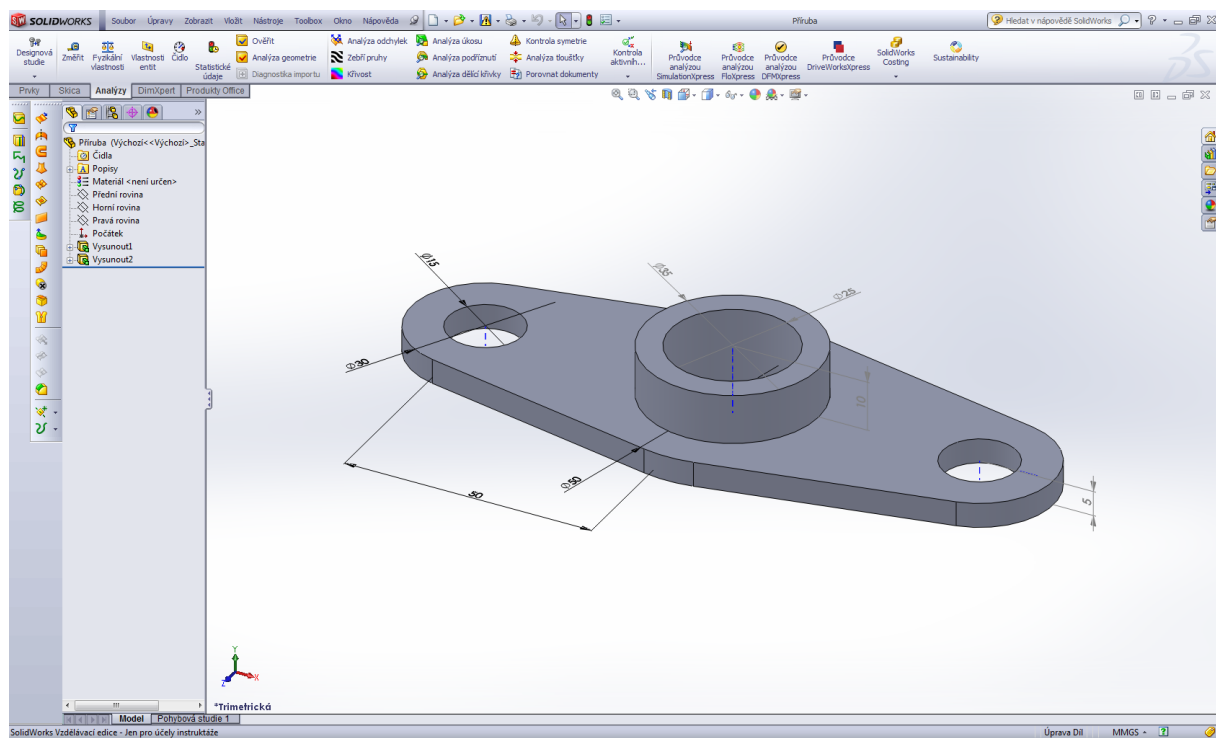
Prvek přidat vysunutím – čtvrtá operace.



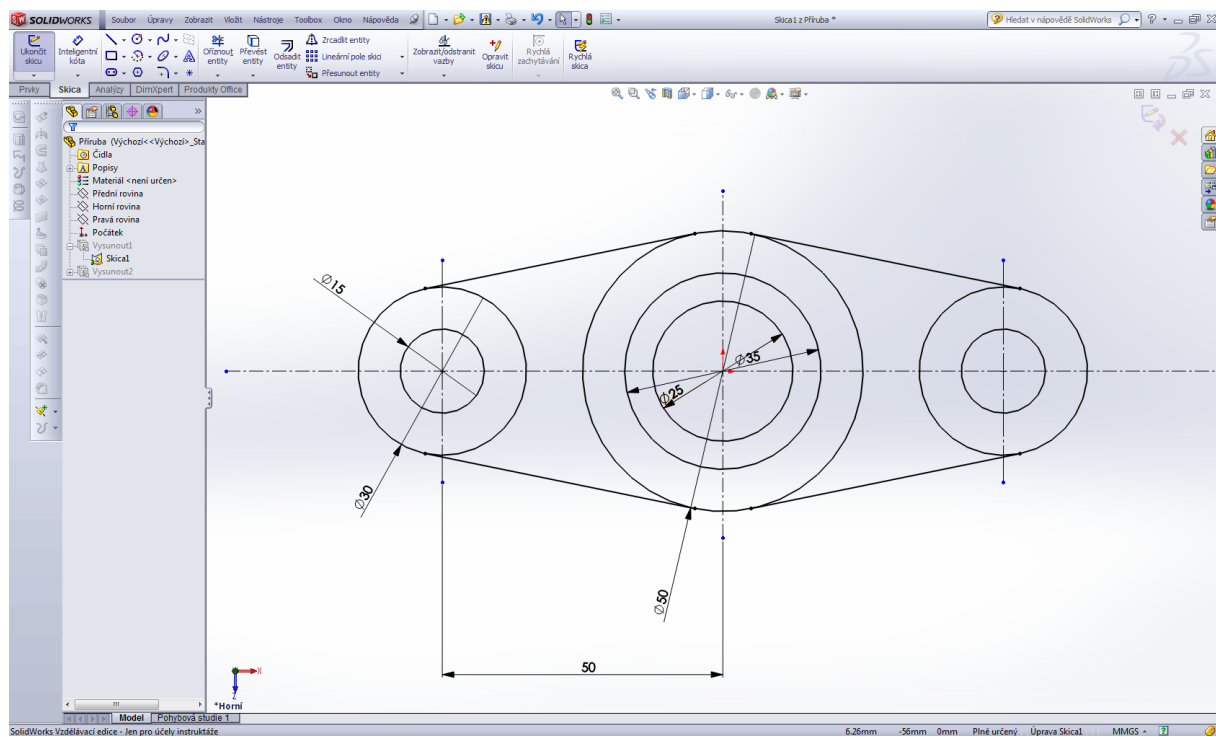
Výsledný model klíče.



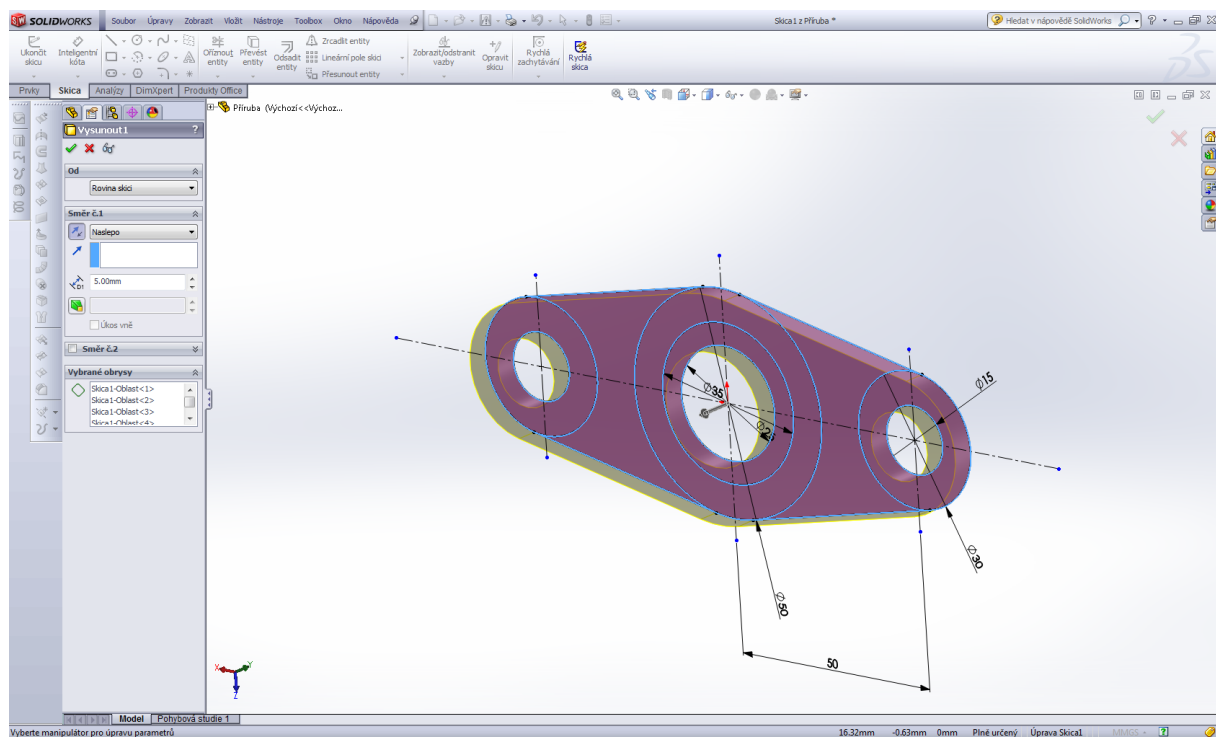
Modelování příruby.



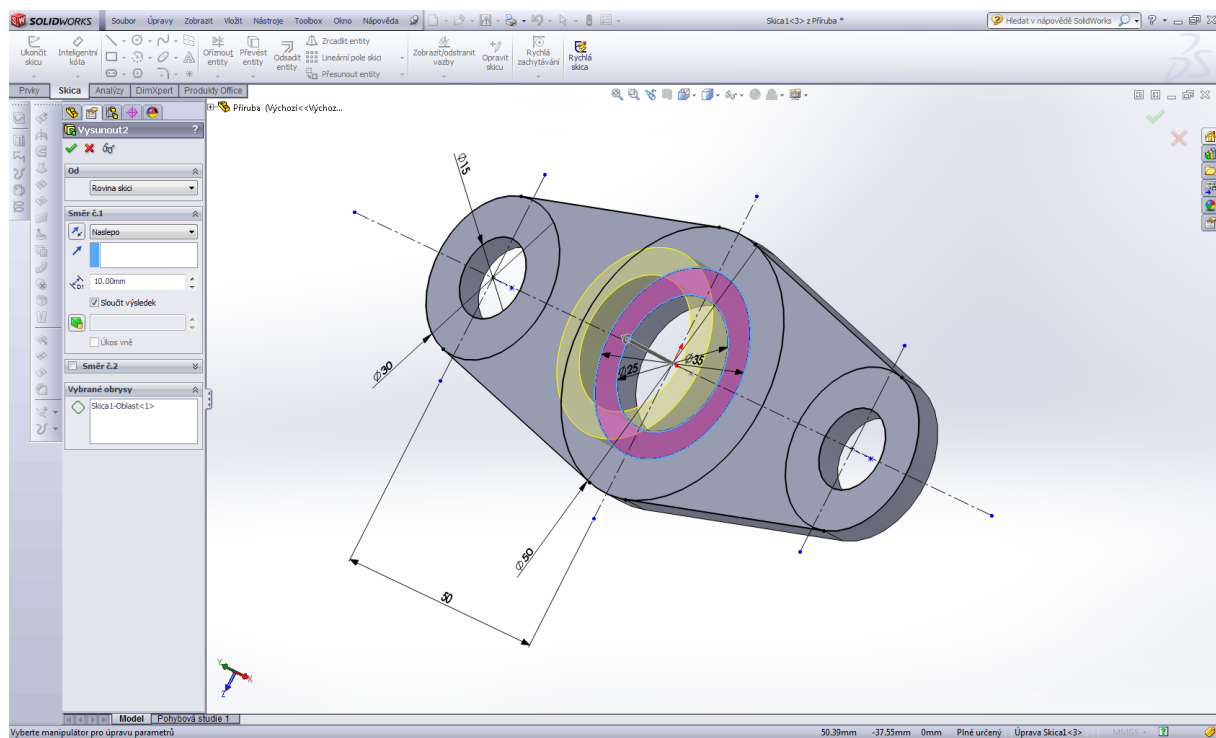
Úvodní skica příruby.



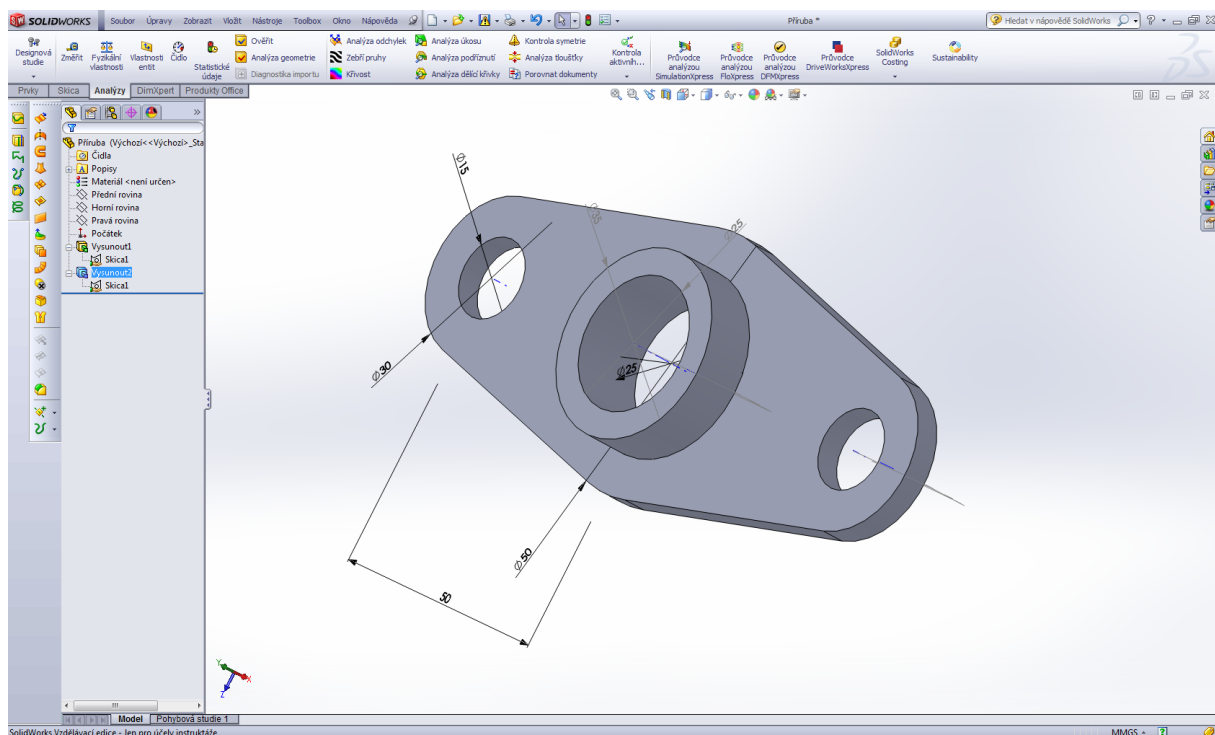
Prvek přidat vysunutím – první operace.



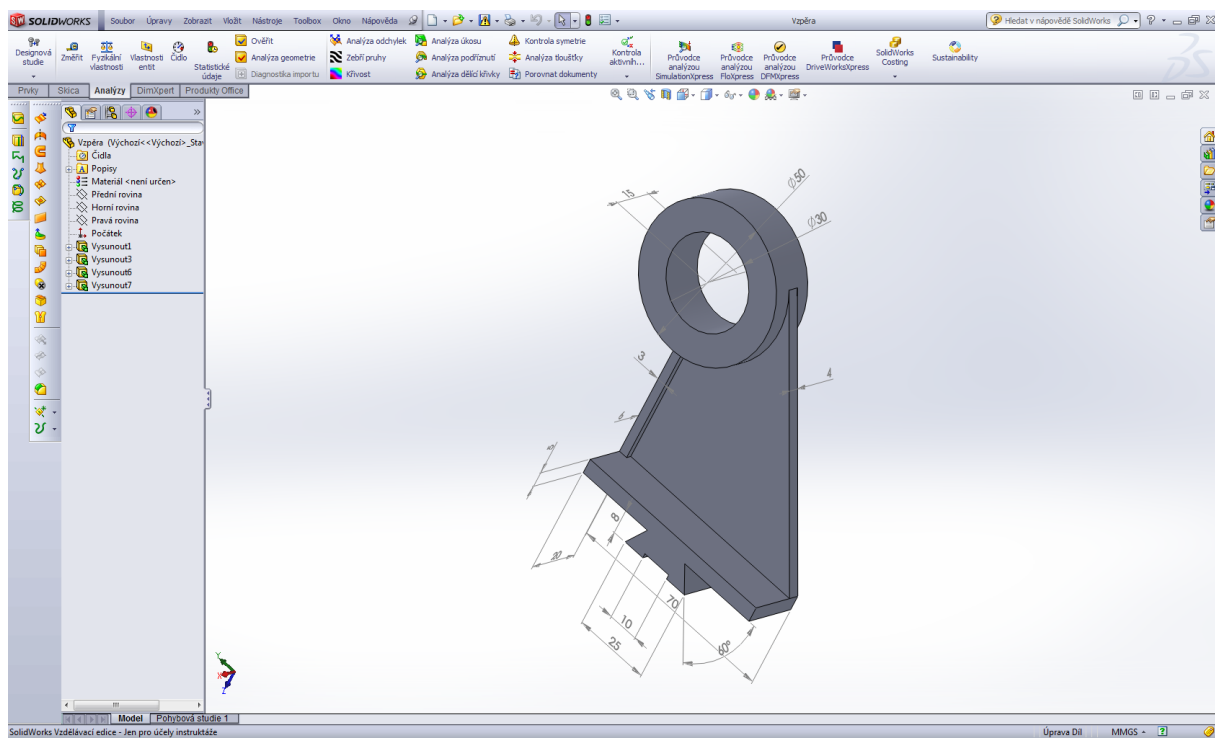
Prvek přidat vysunutím – druhá operace.



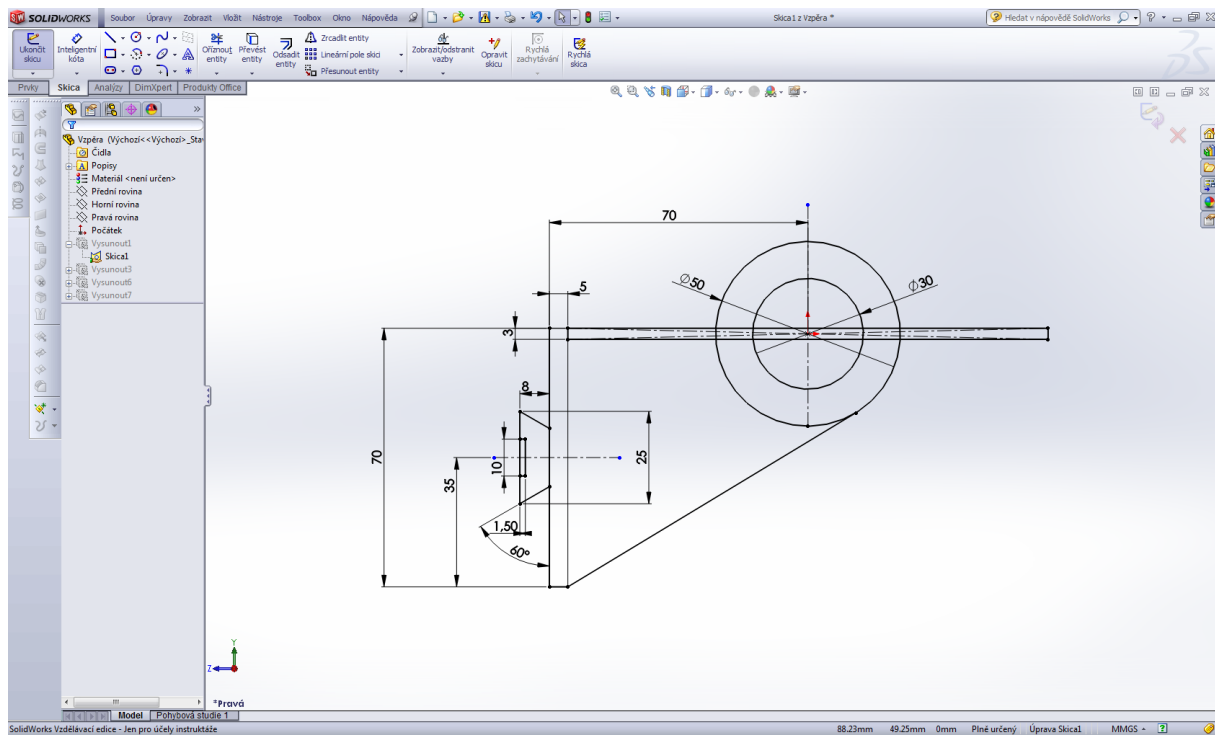
Výsledný model příruby.



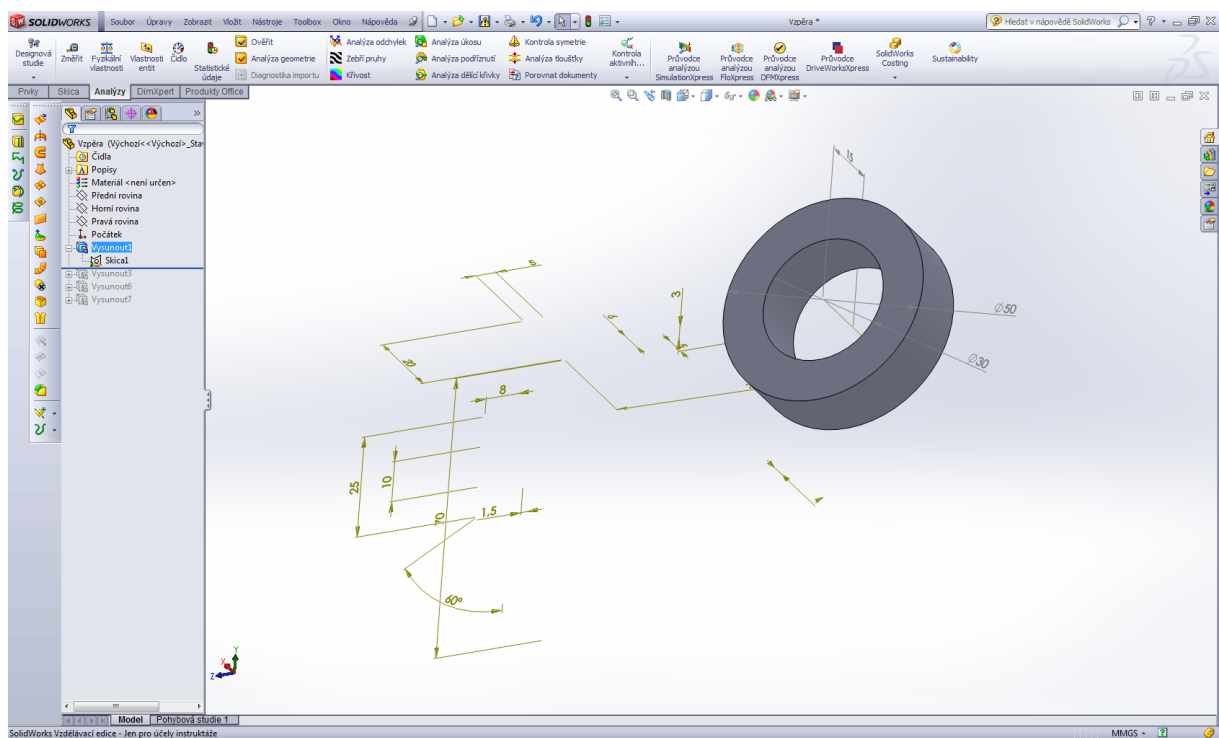
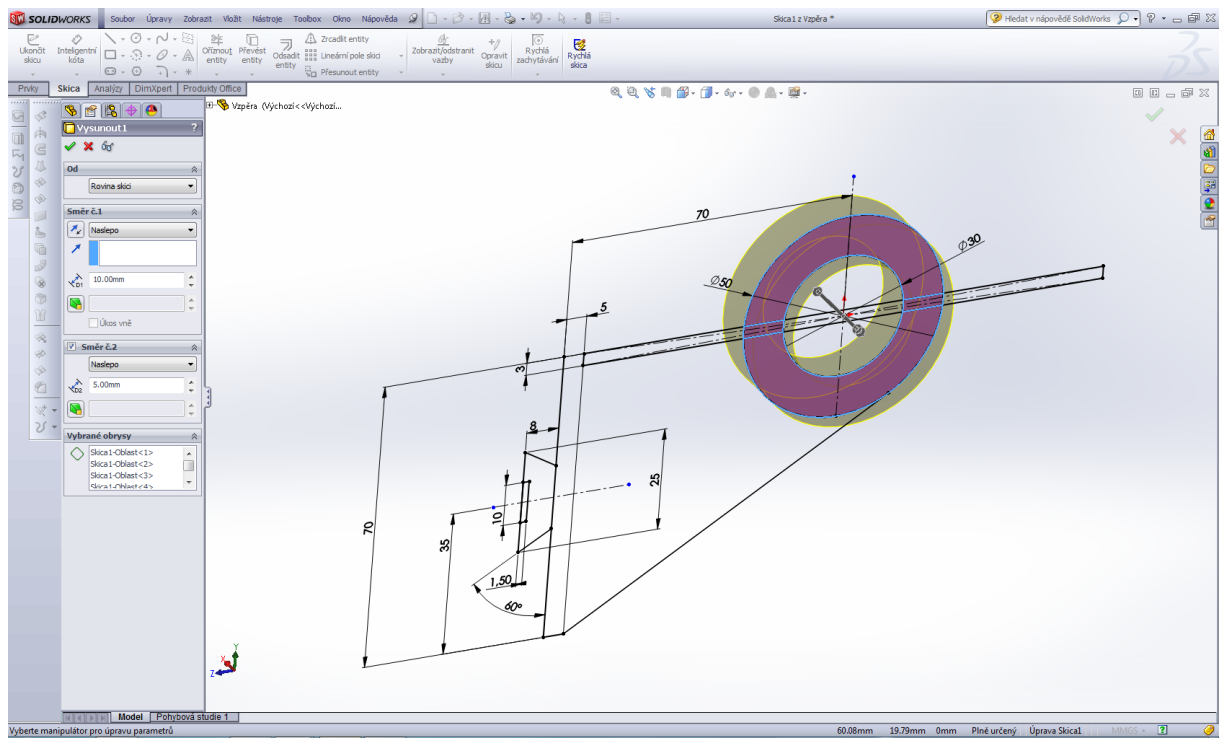
Modelování vzpěry.



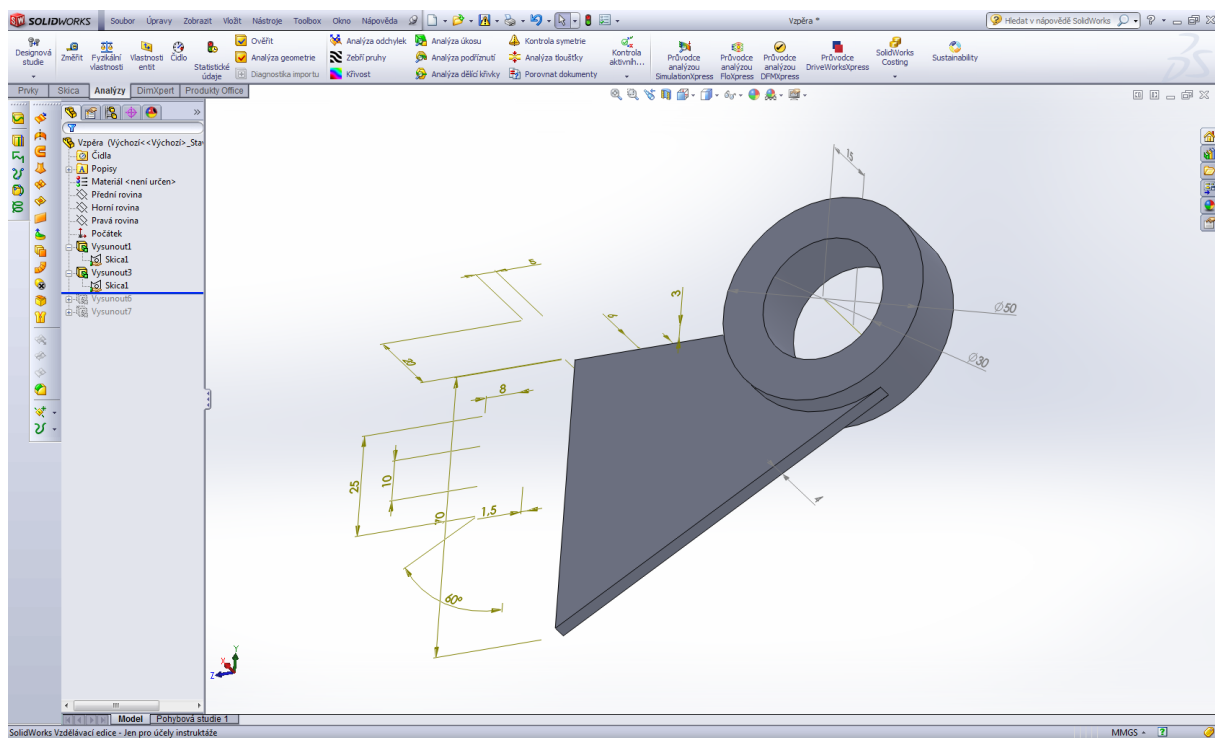
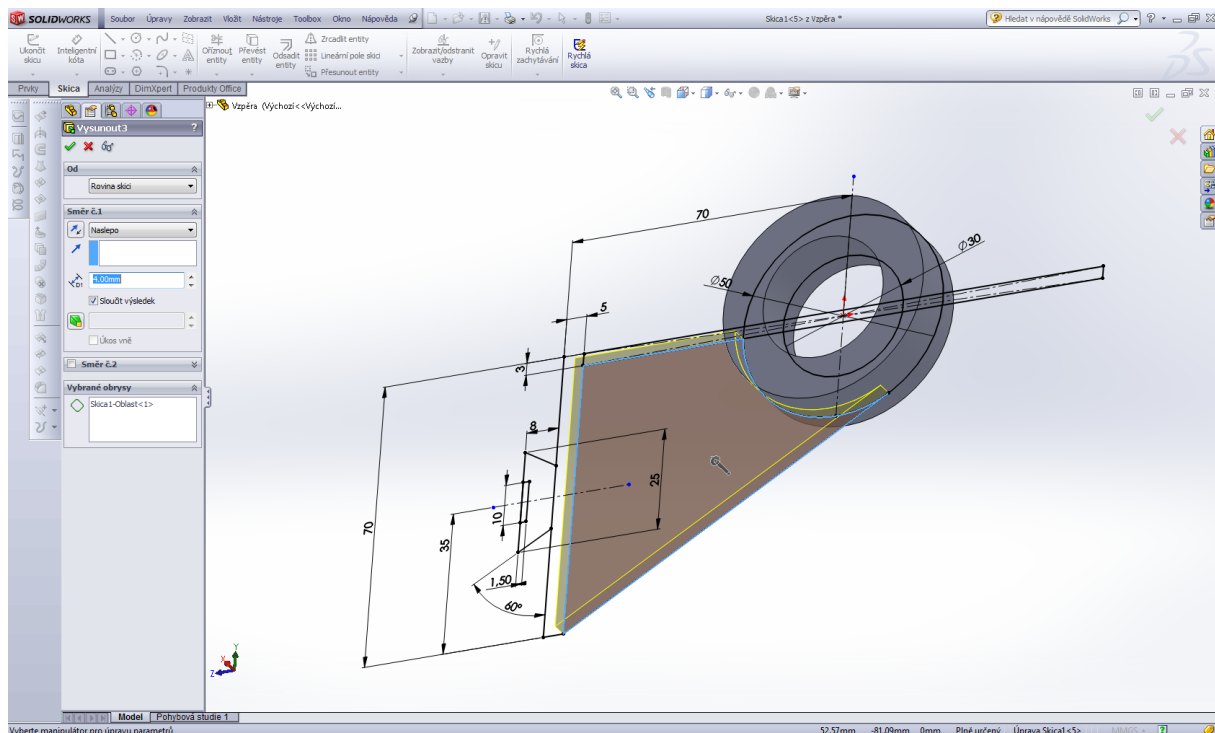
Úvodní skica vzpěry.



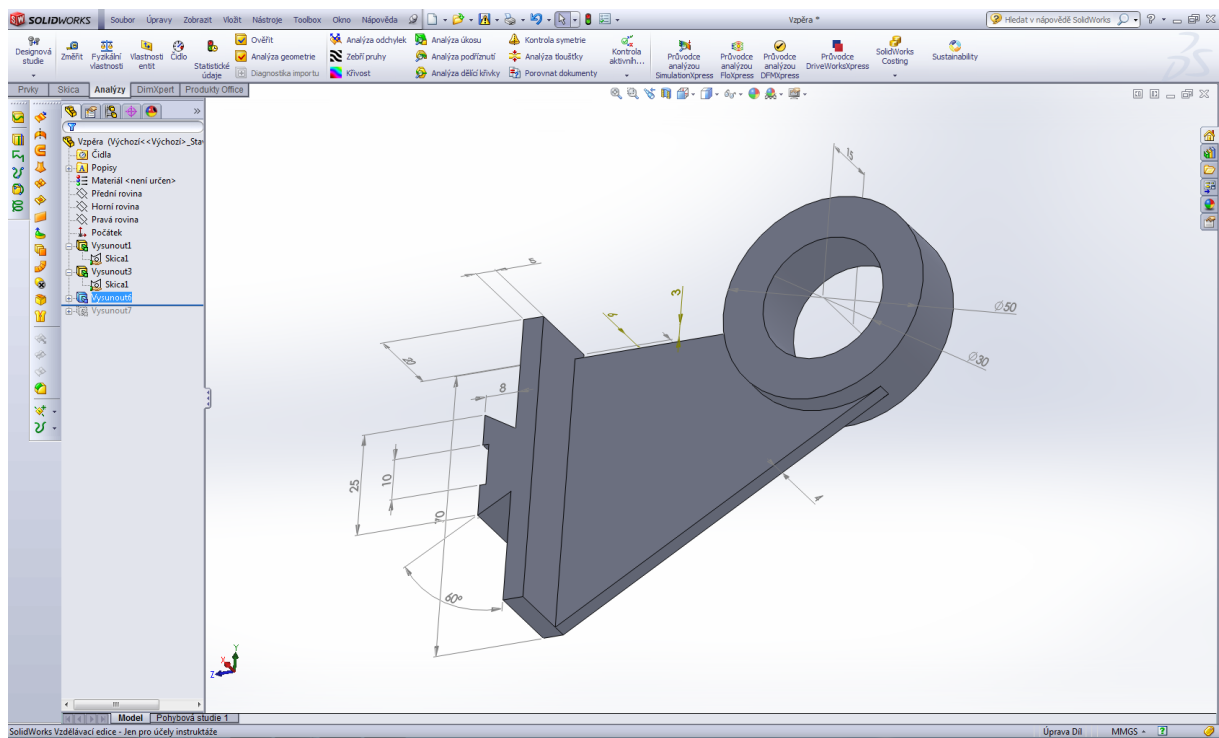
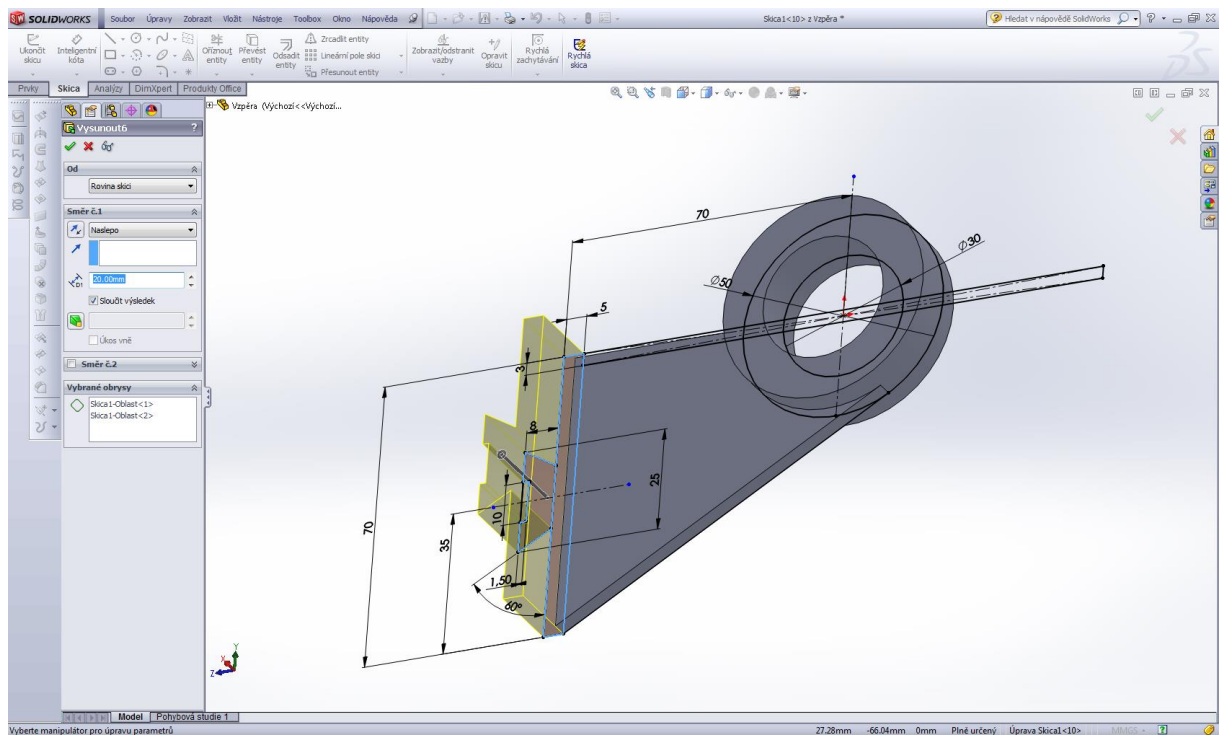
Prvek přidat vysunutím – první operace.



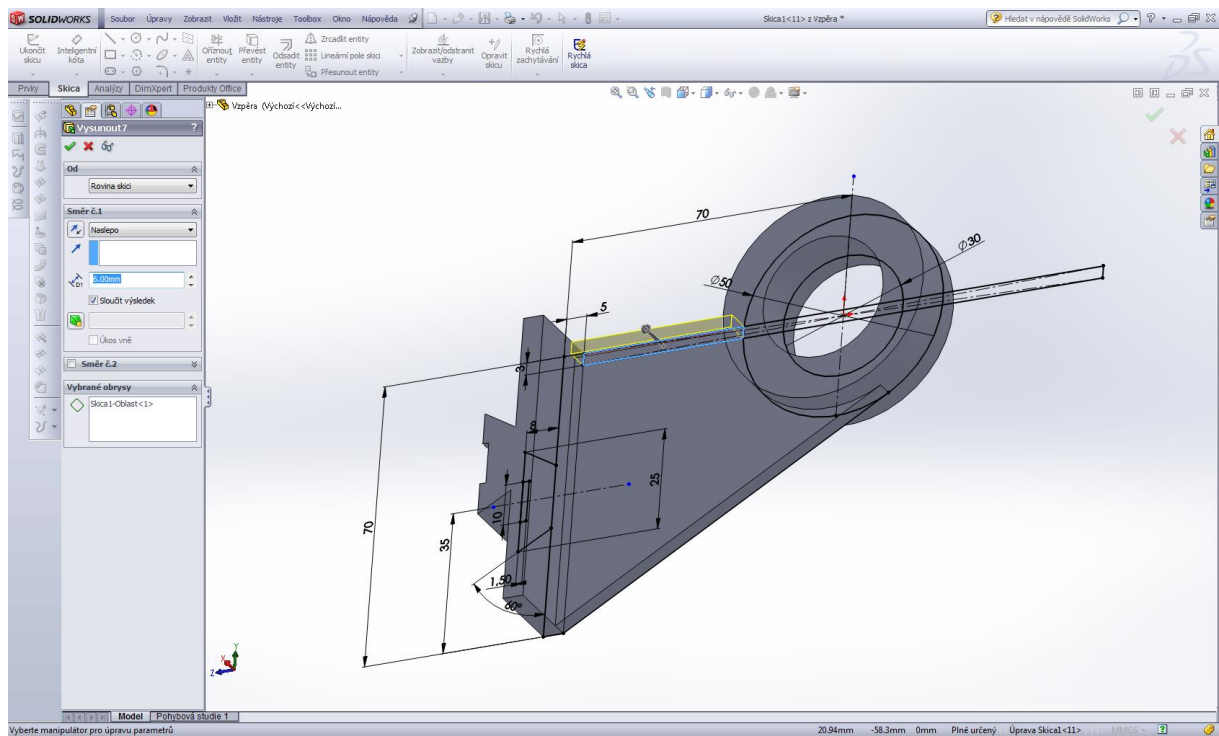
Prvek přidat vysunutím – druhá operace.



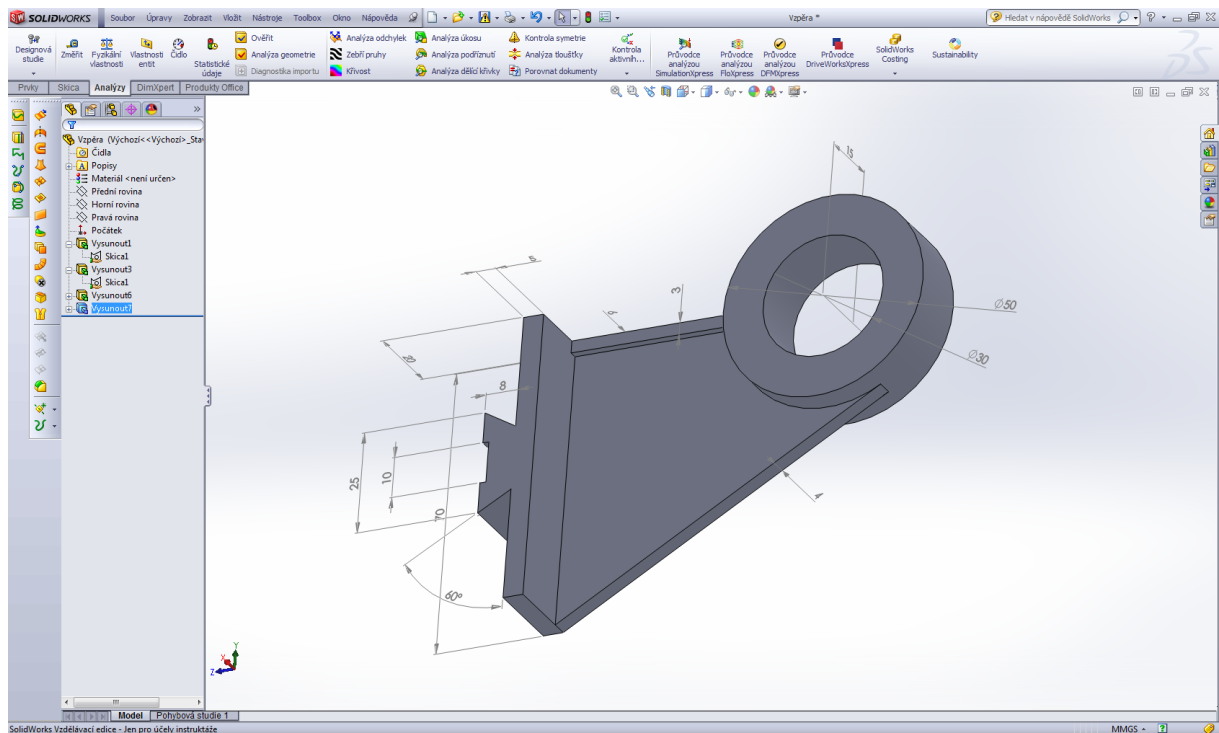
Prvek přidat vysunutím – třetí operace.



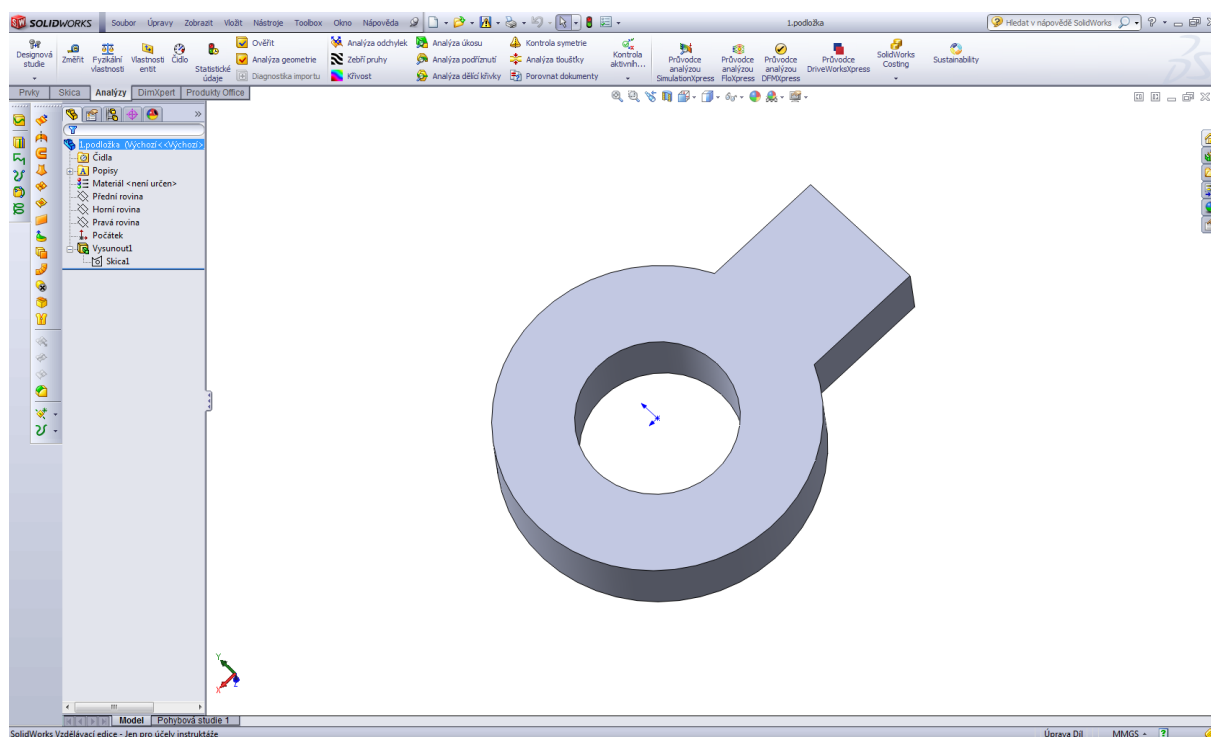
Prvek přidat vysunutím – čtvrtá operace.



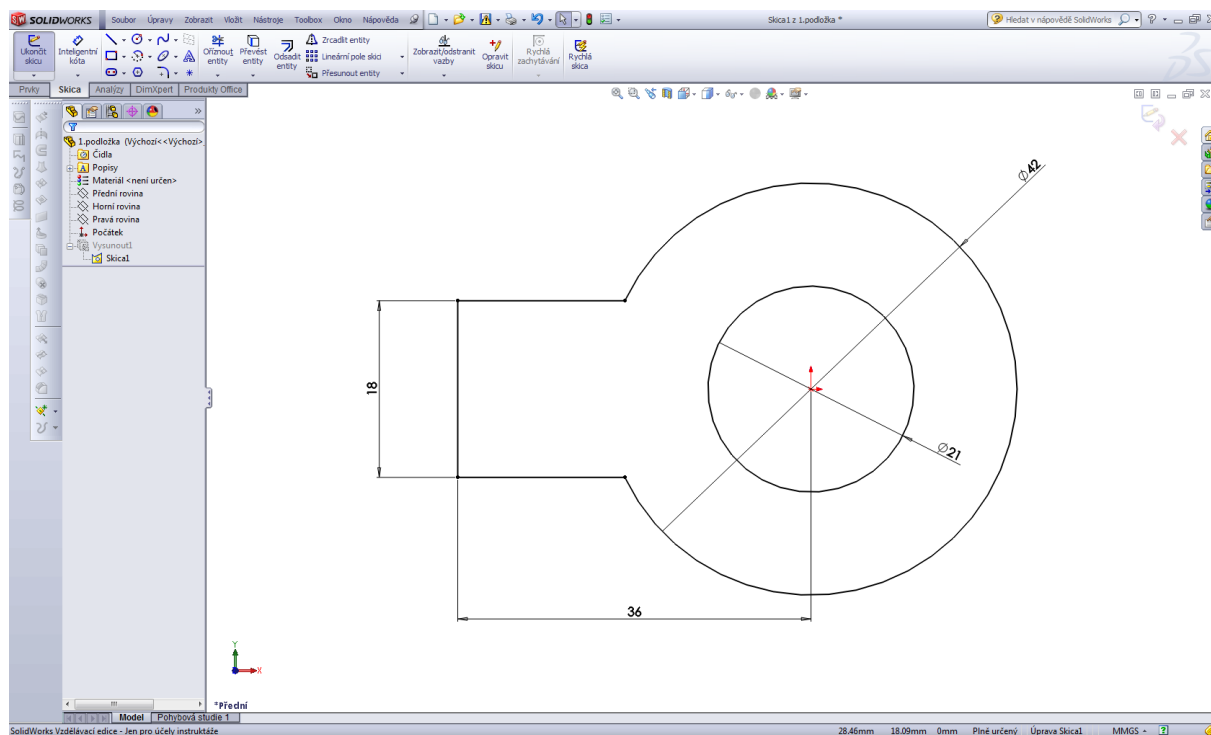
Výsledný model vypěry.



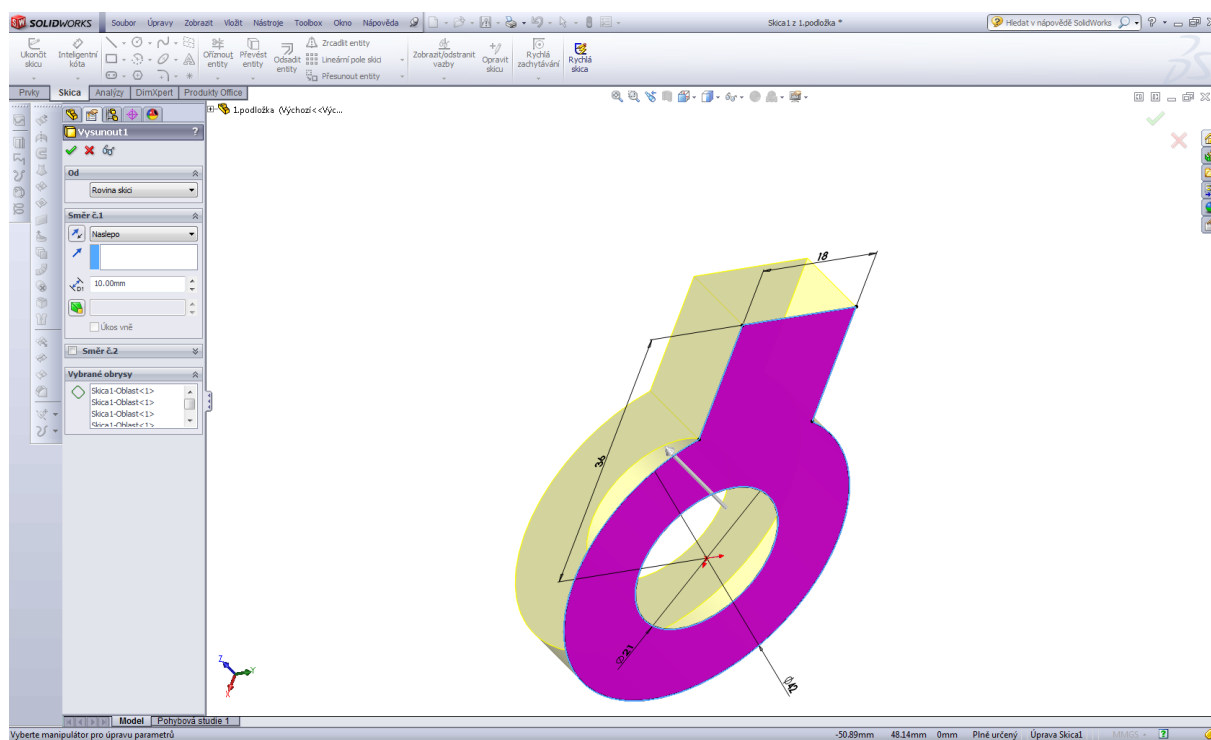
Podložka 2 – požadovaný tvar.



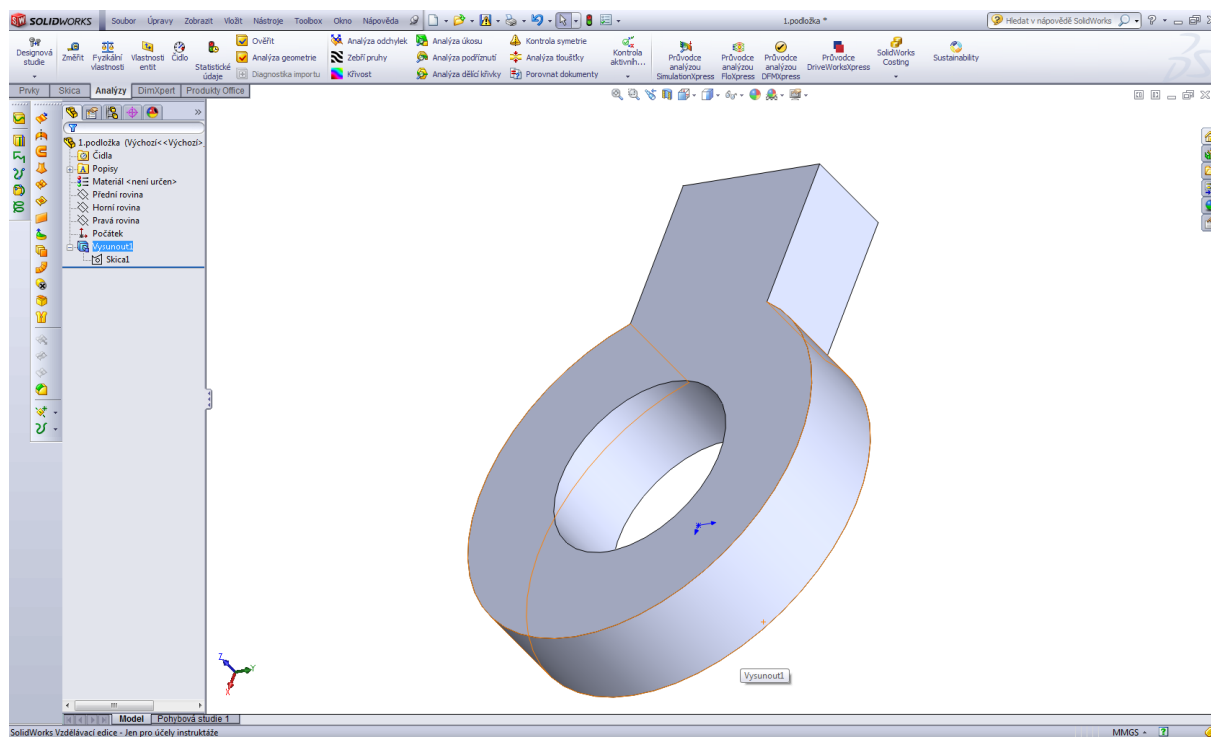
Úvodní skica podložky 2.



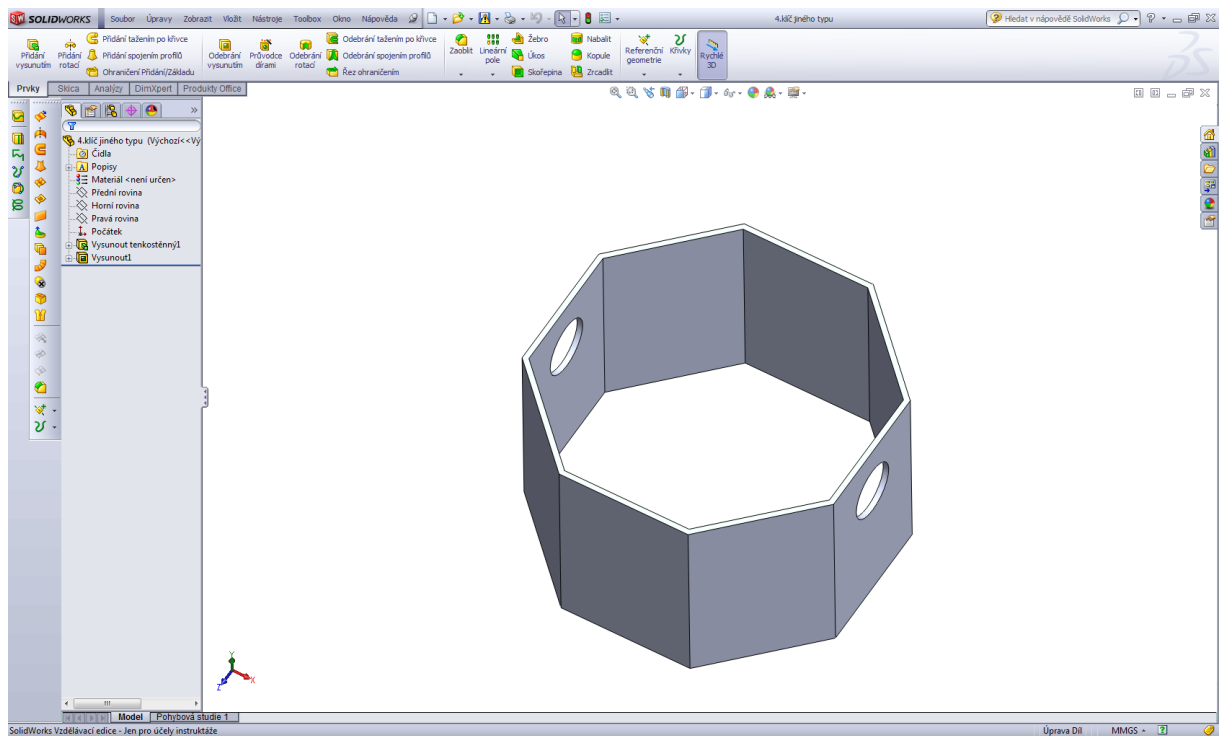
Prvek přidat vysunutím – první operace.



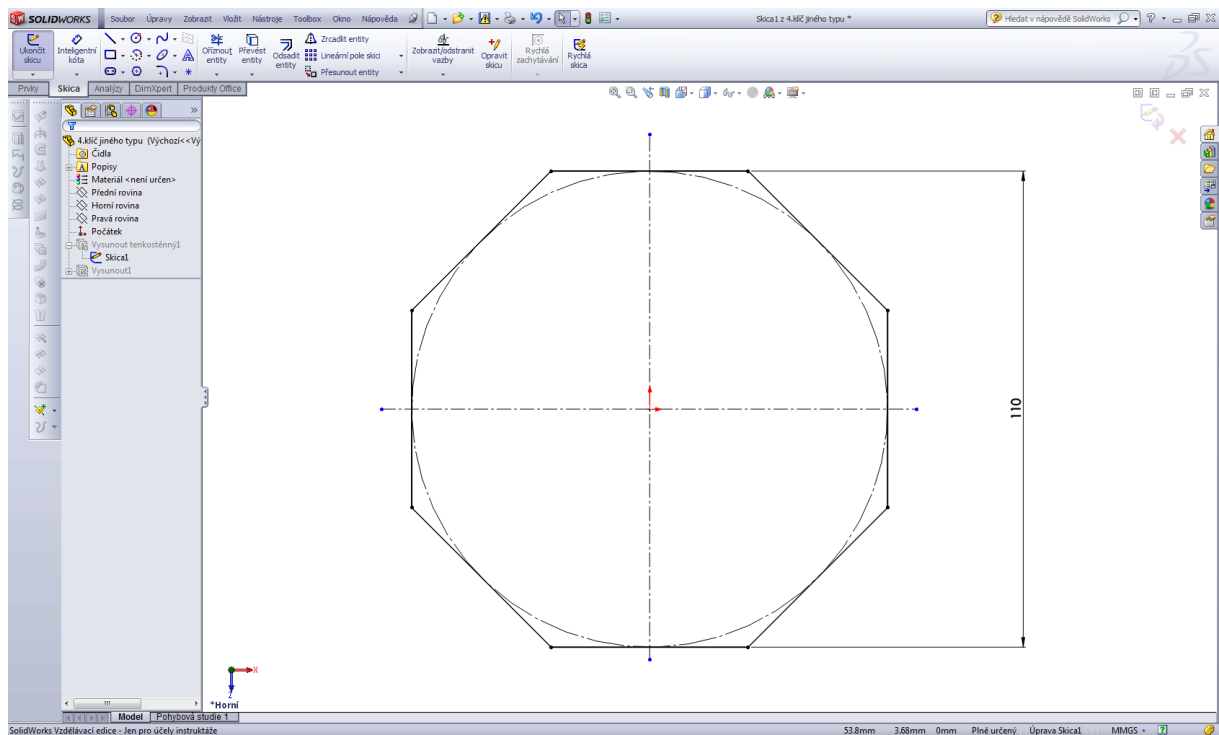
Výsledný model podložky 2.



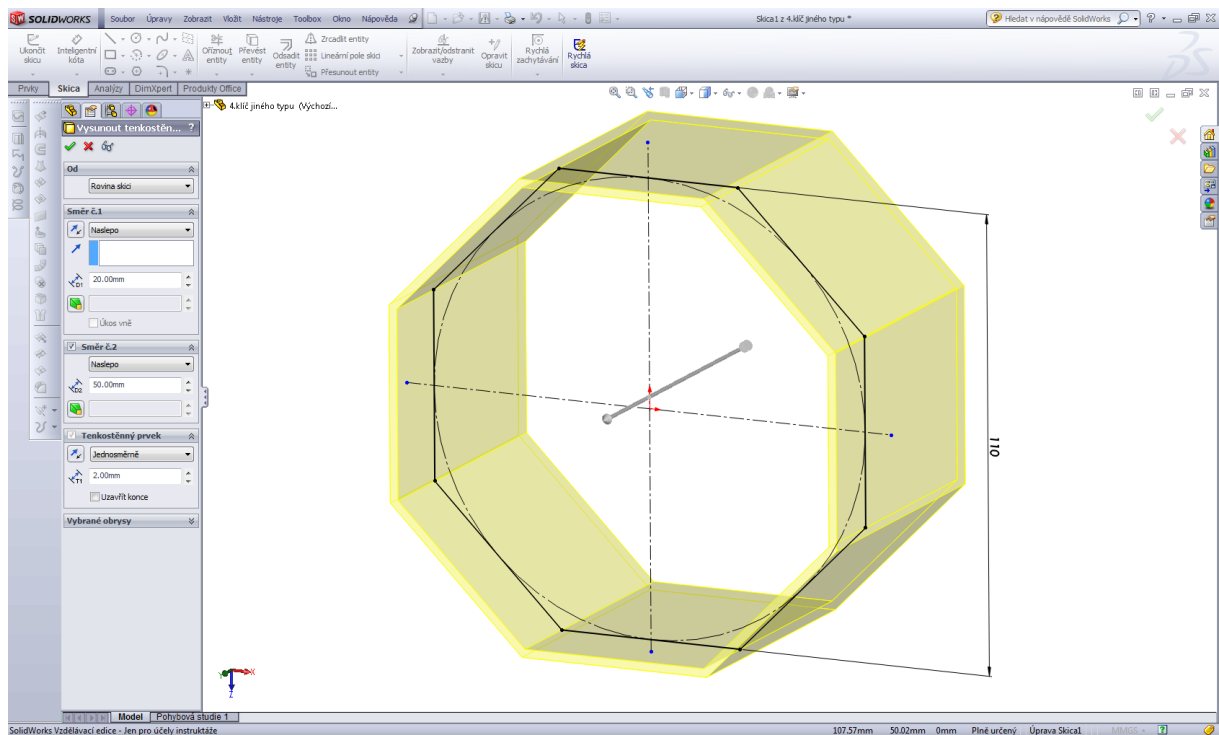
Modelování klíče 1 – tenkostěnný profil.



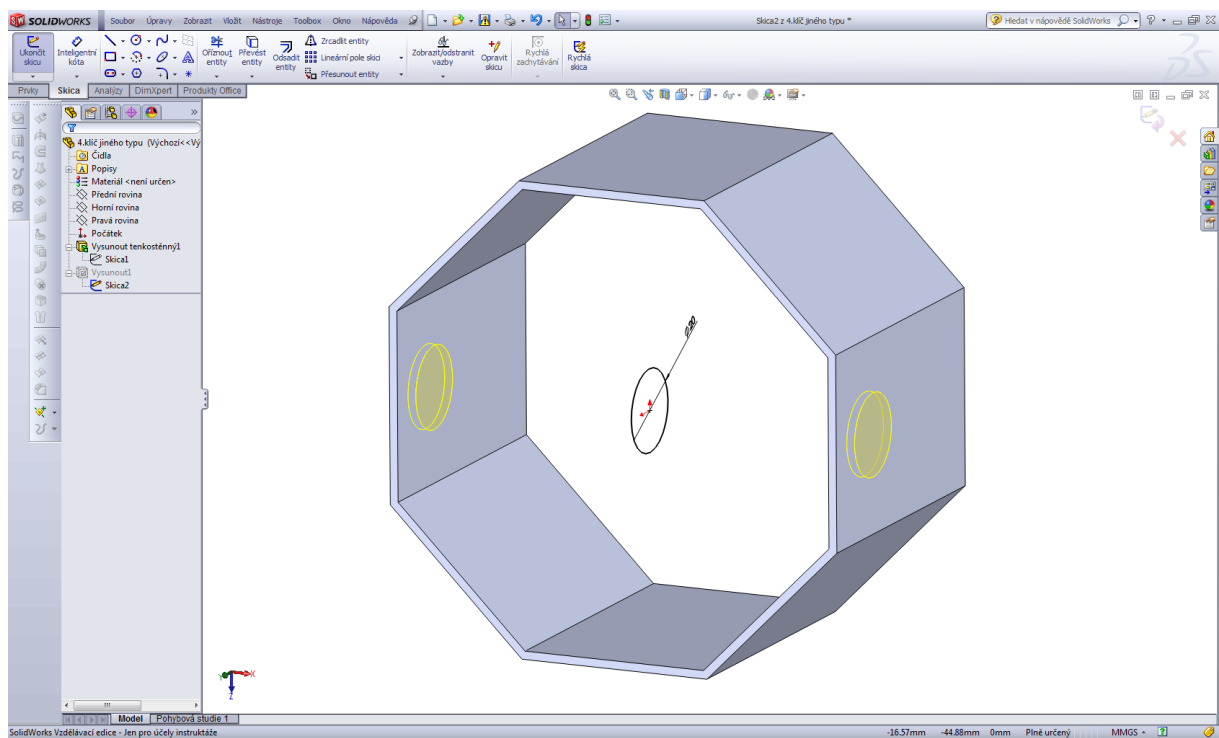
Úvodní skica dílu.

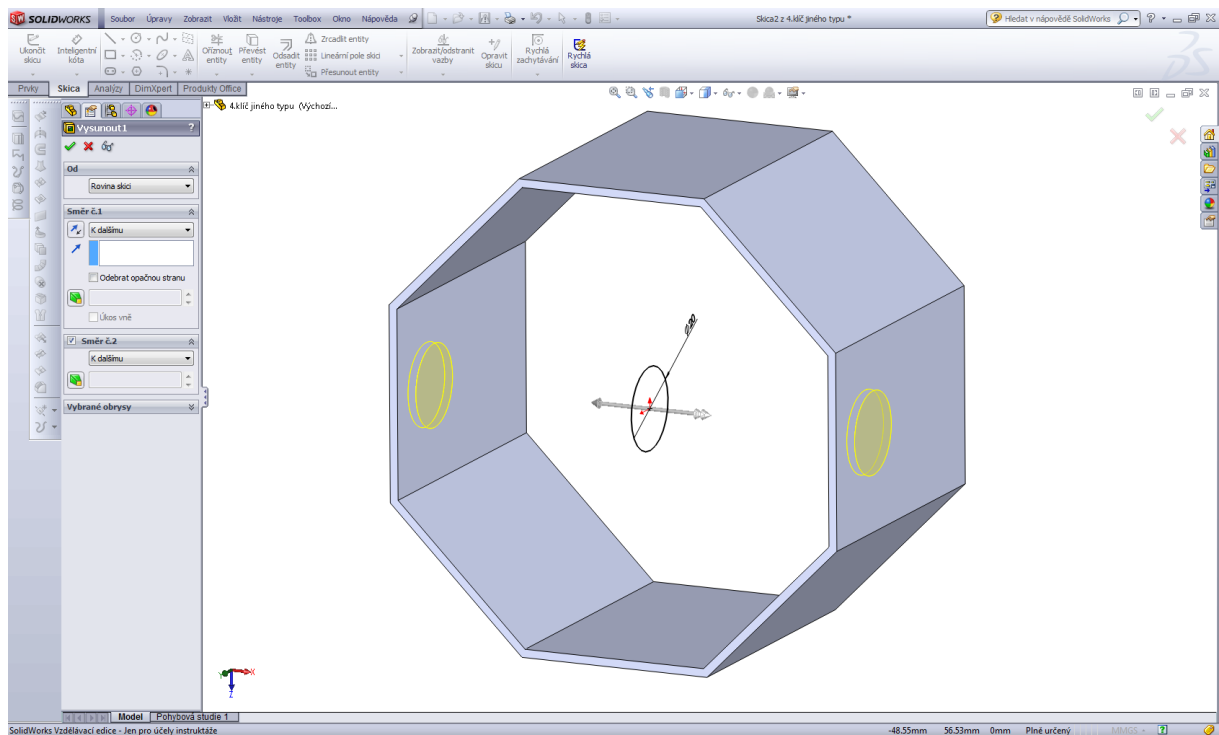


První operace – přidat vysunutím, obousměrně, tenkostěnný profil.

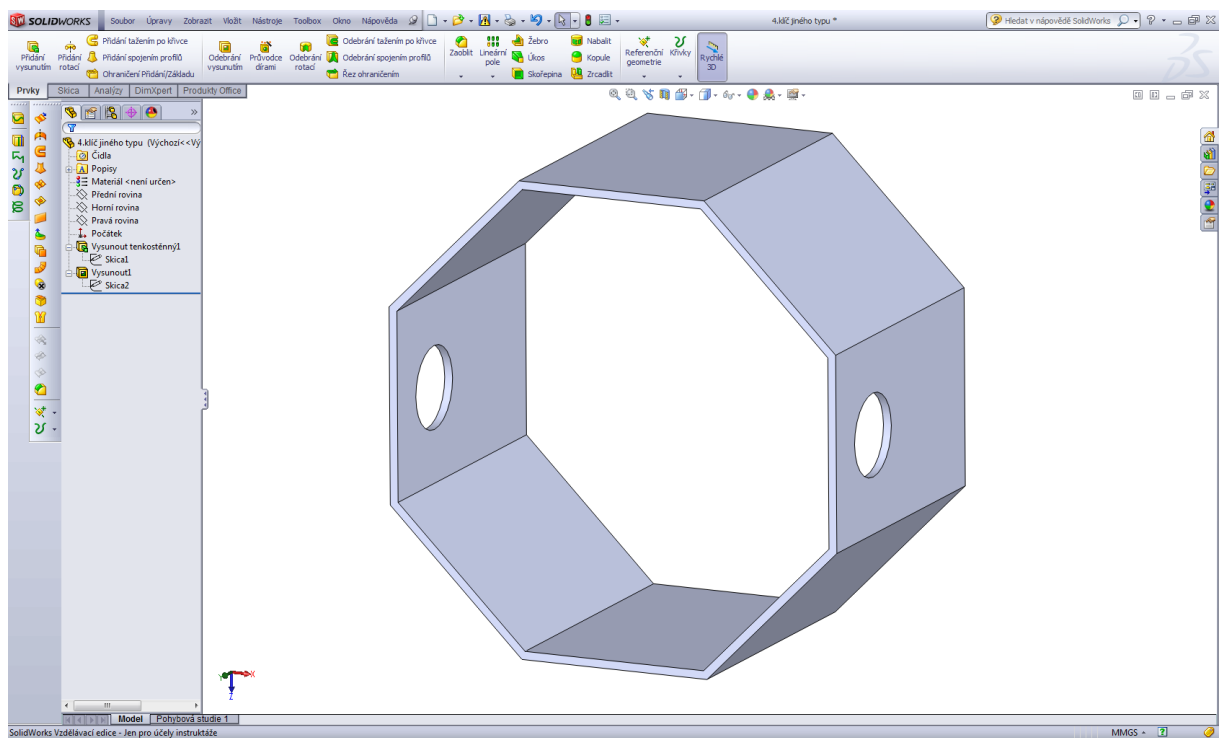


Druhá operace – odebráním vysunutím, skica.

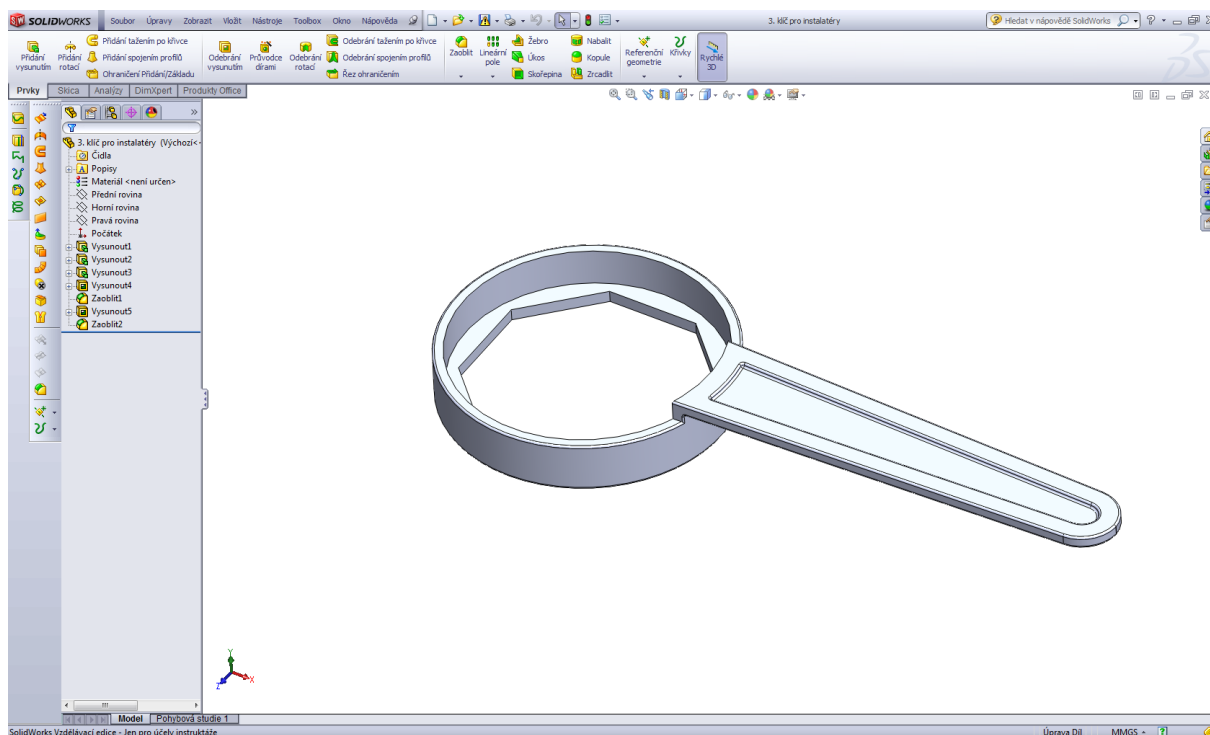




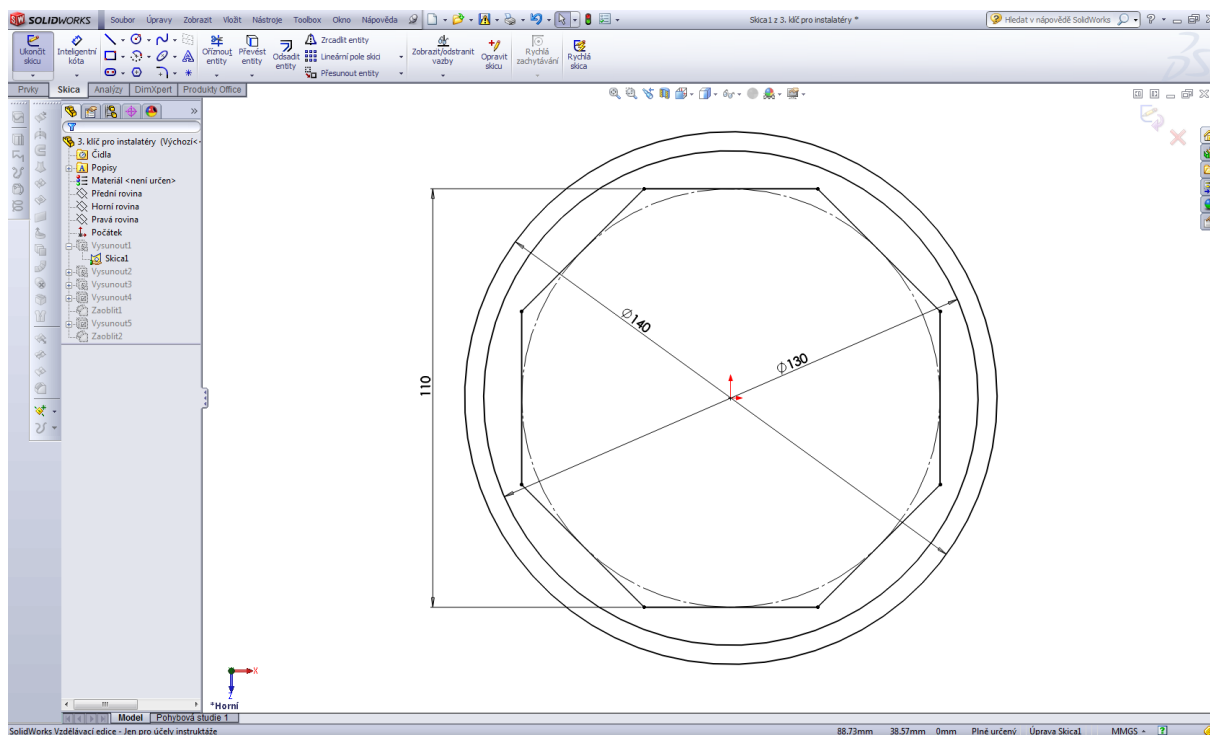
Hotový model.



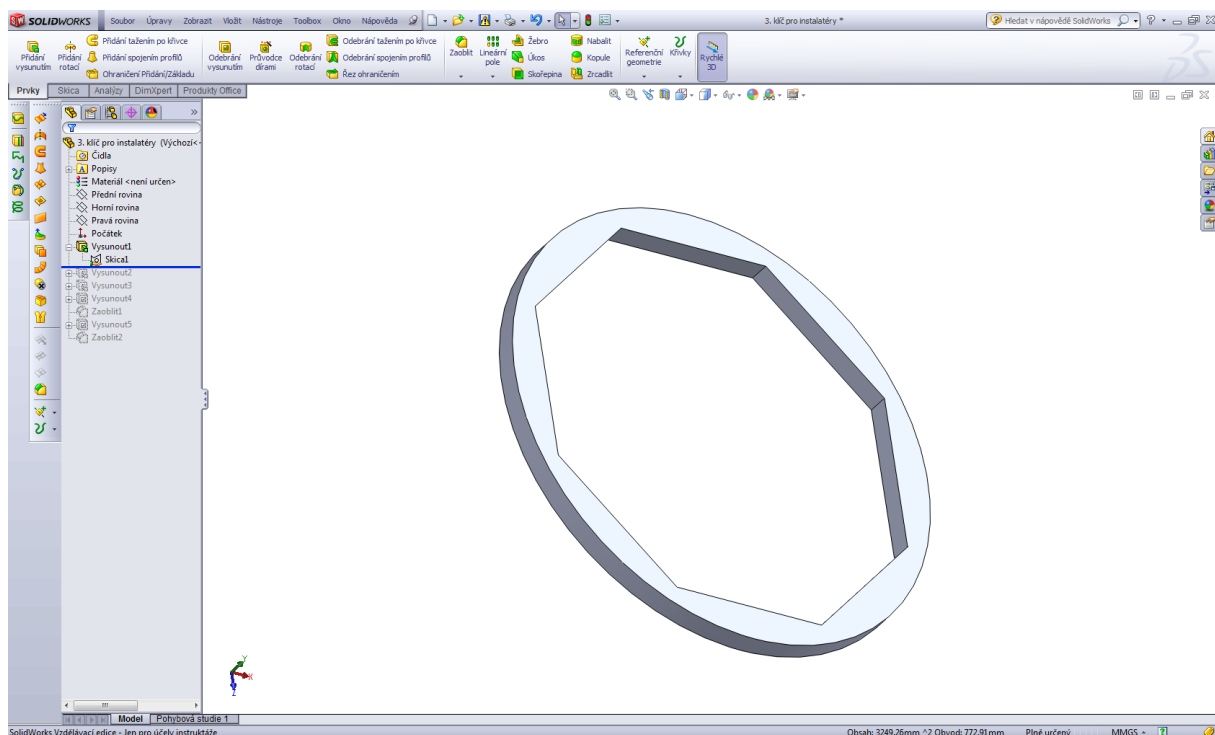
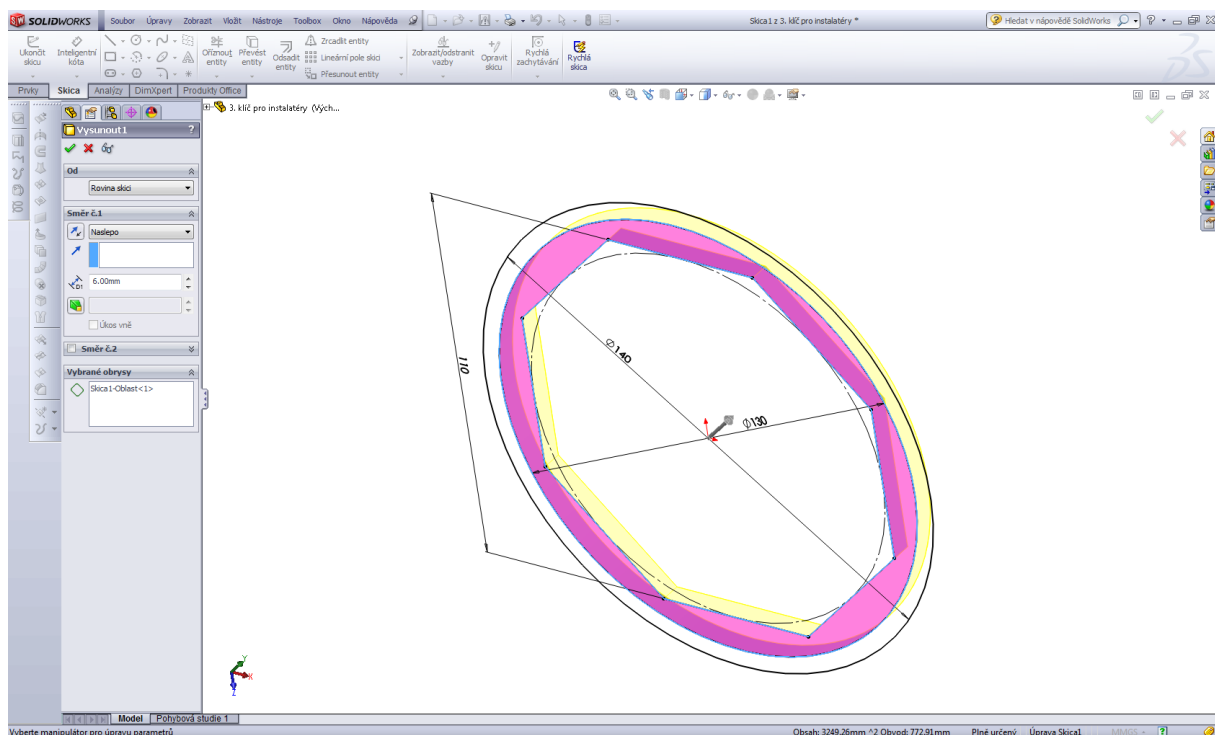
Modelování klíče pro instalatéry.



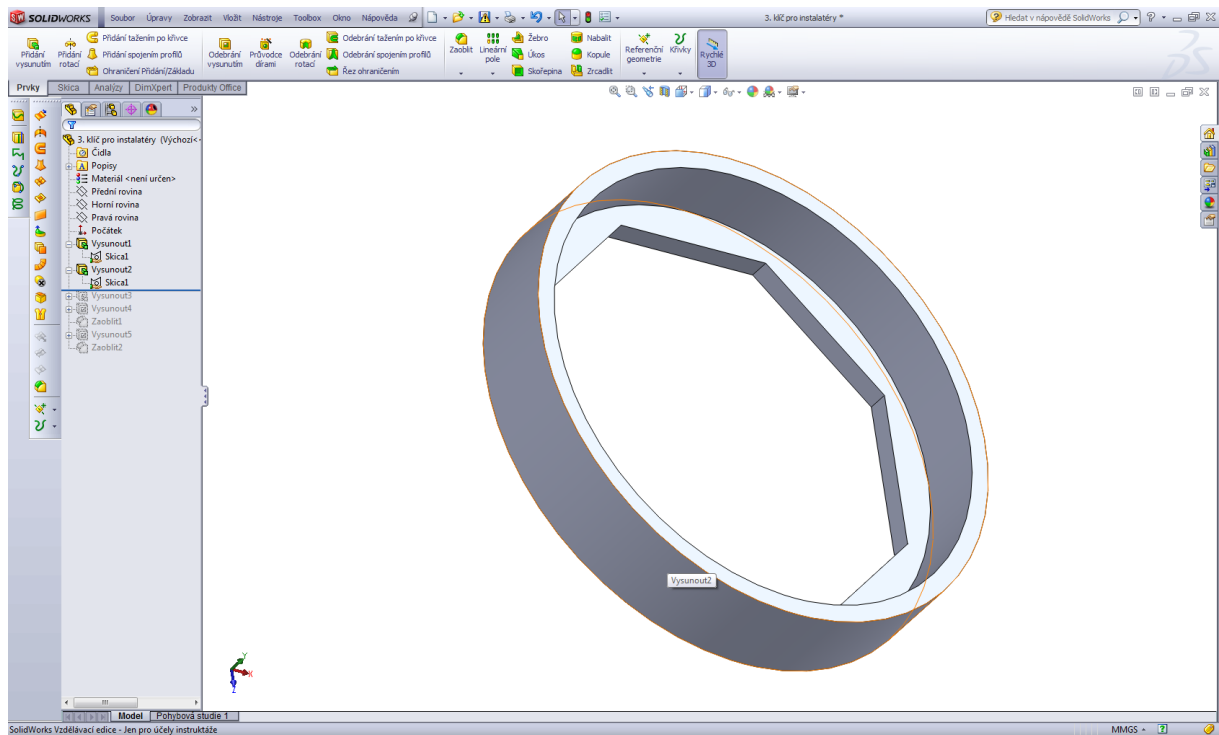
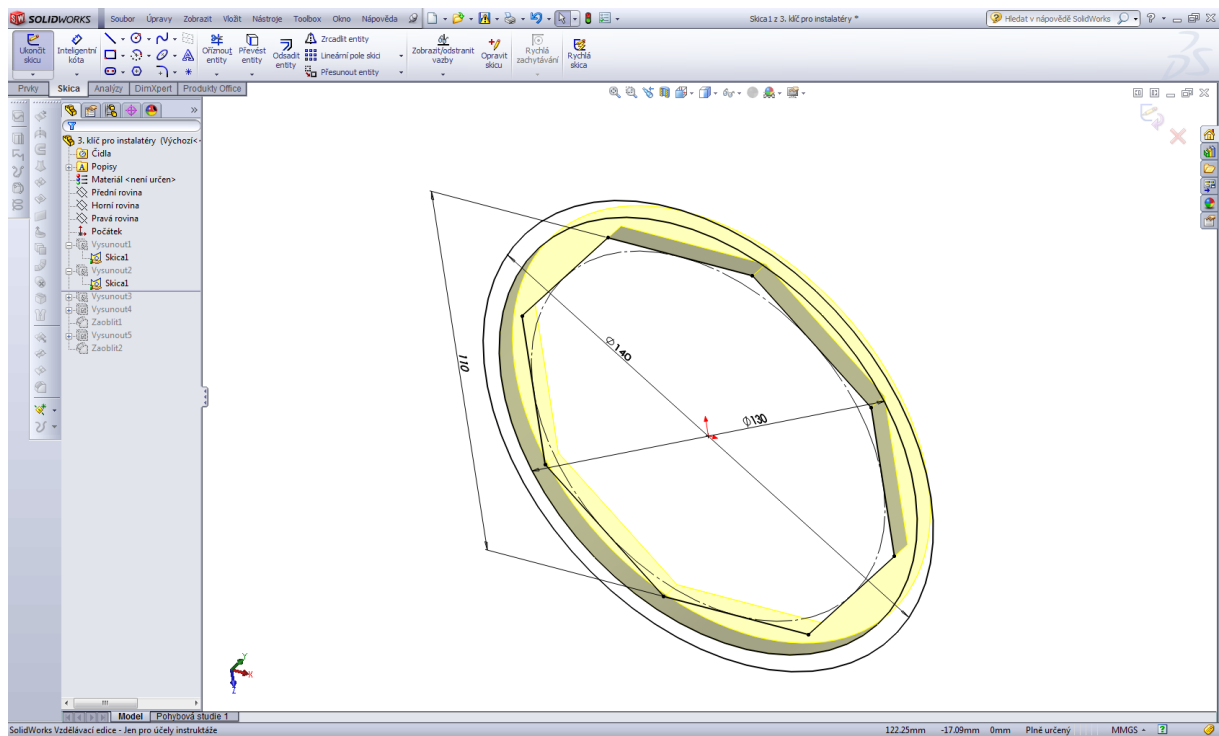
Úvodní skica klíče.



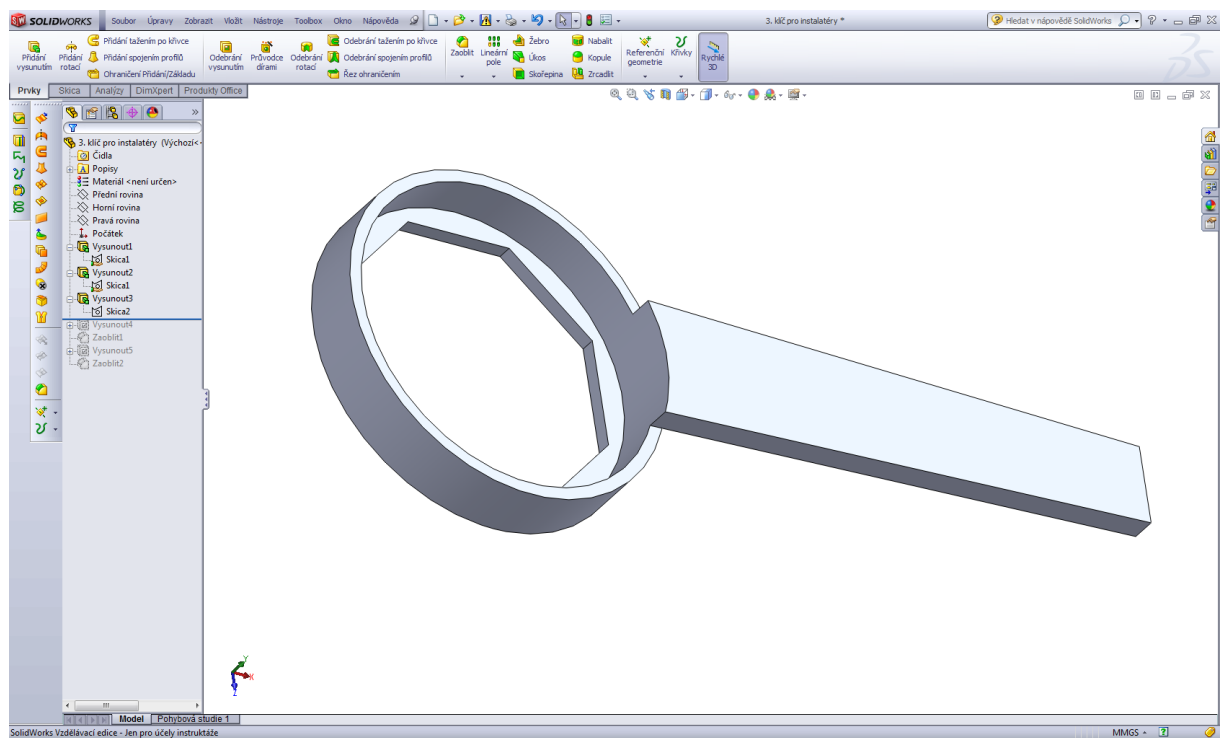
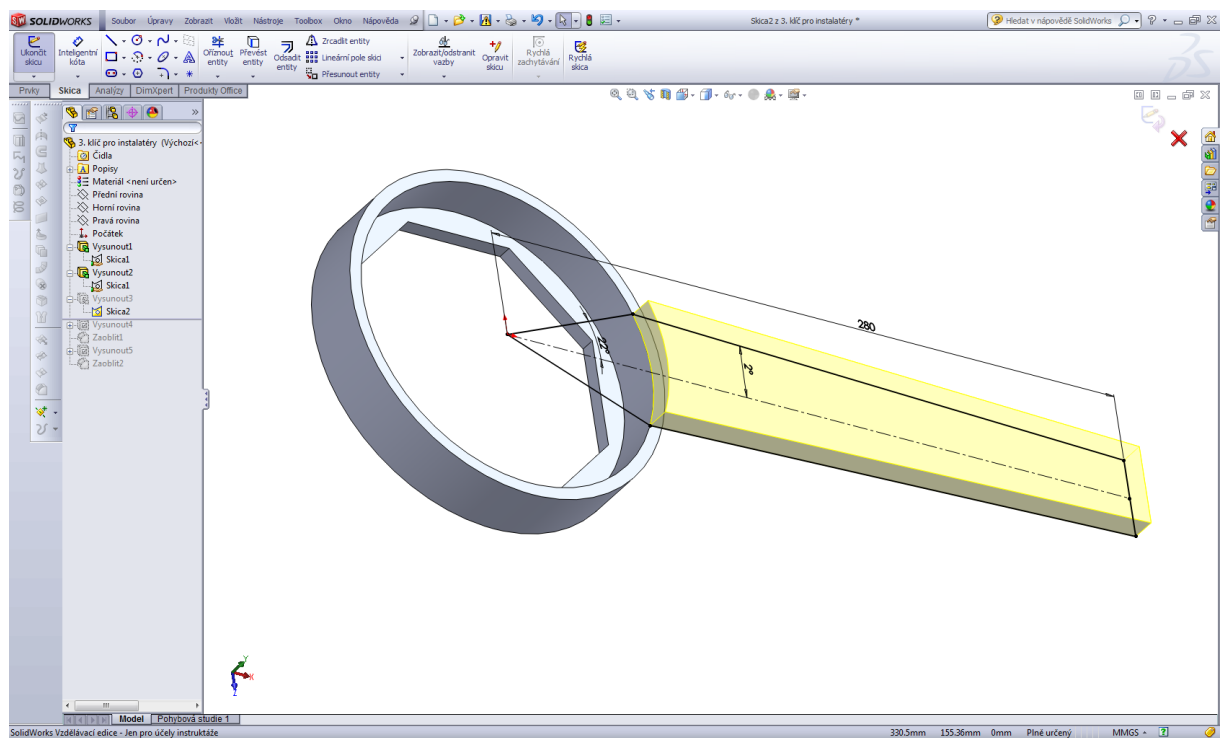
Přidat vysunutím 1.



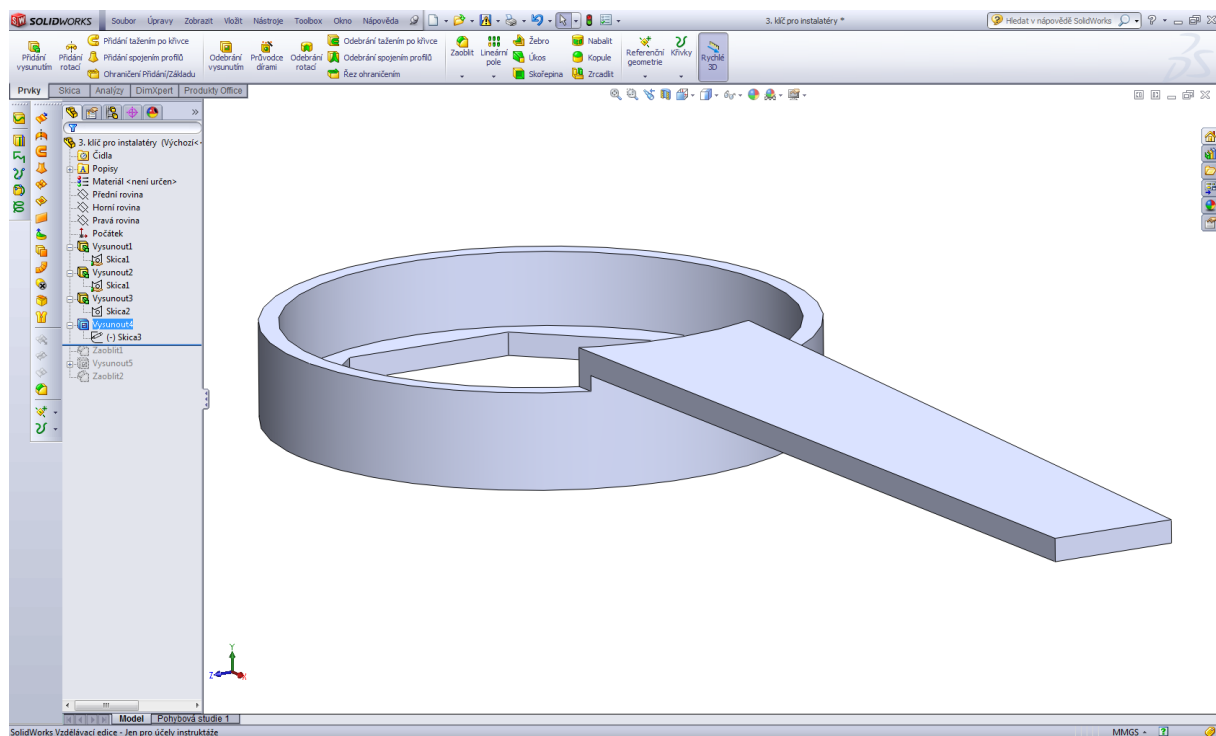
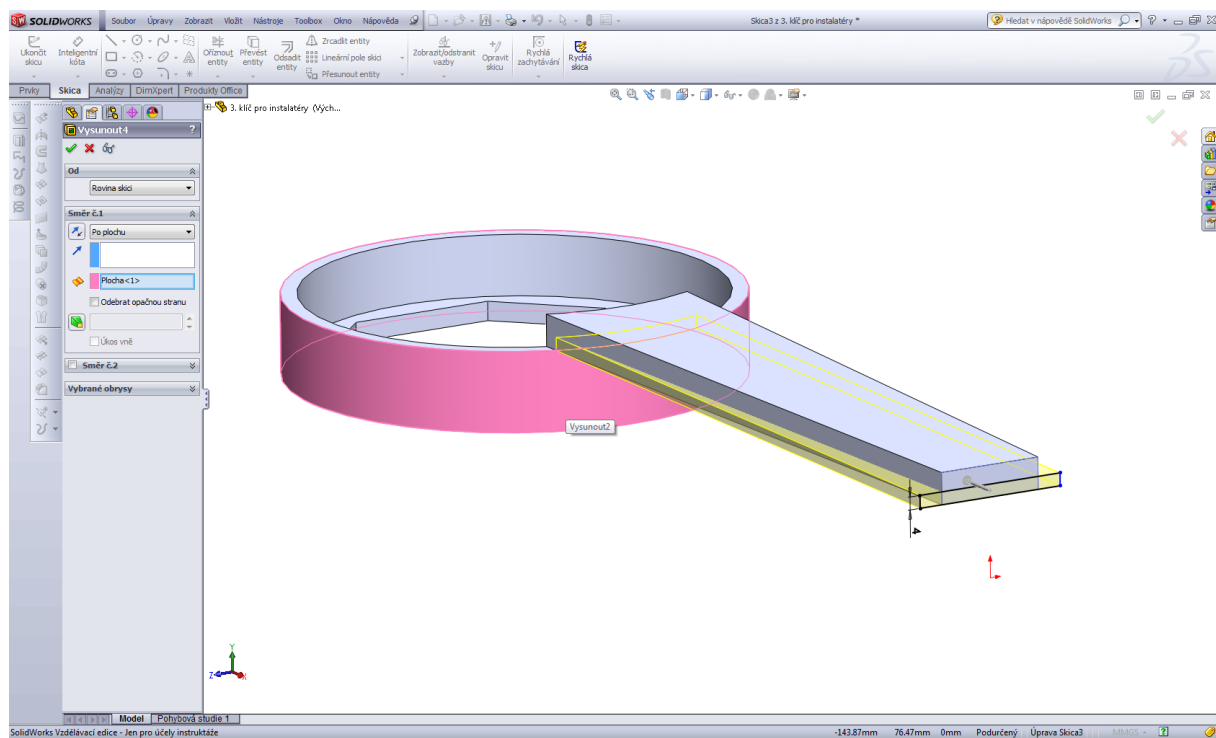
Přidat vysunutím 2.



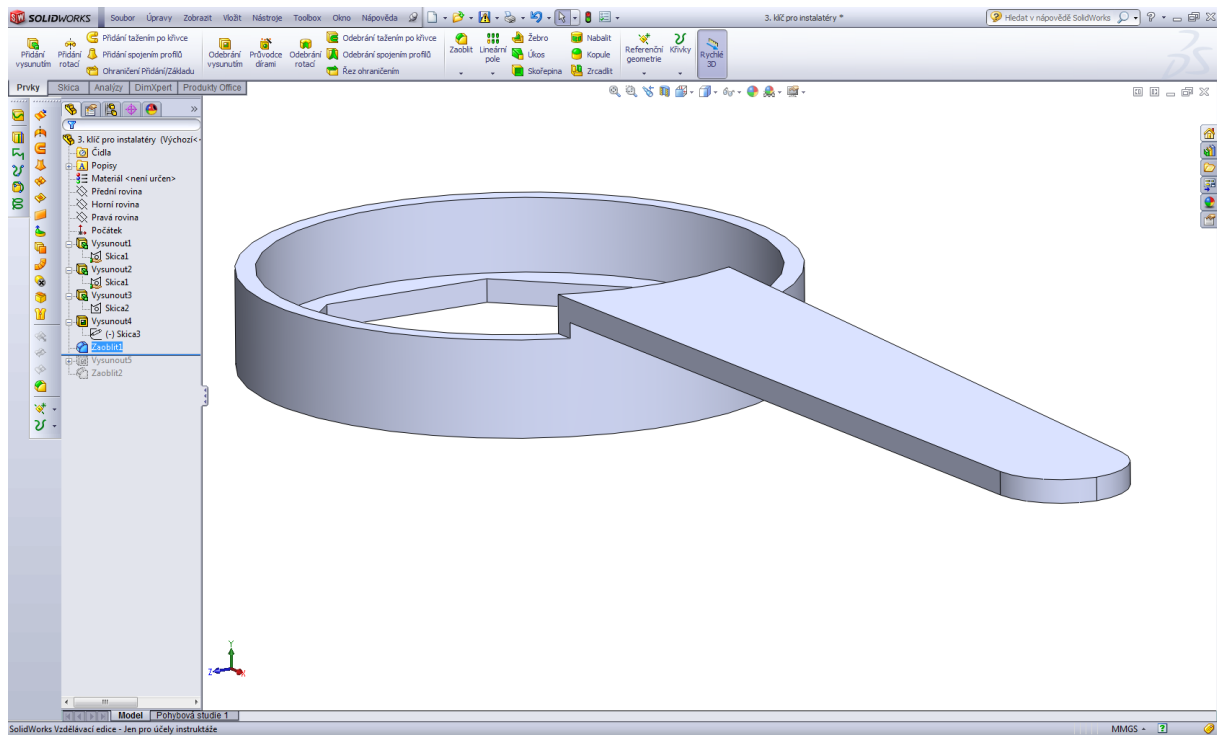
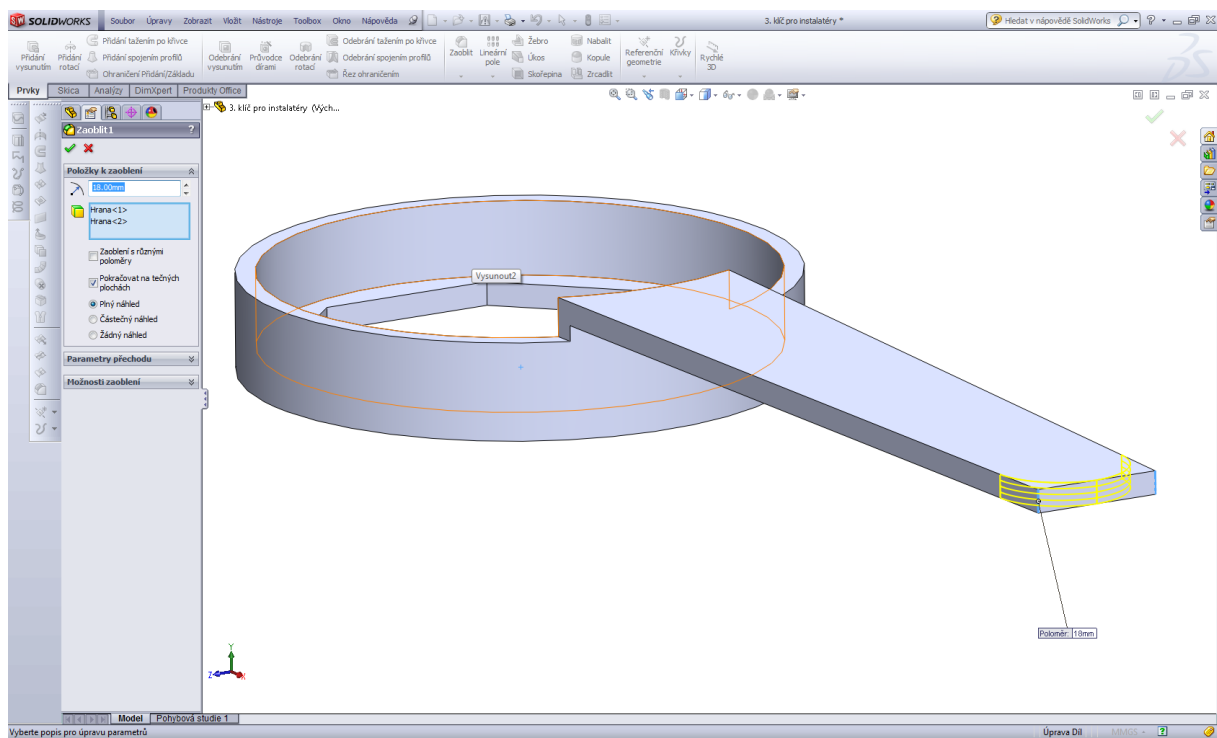
Přidat vysunutím 3.



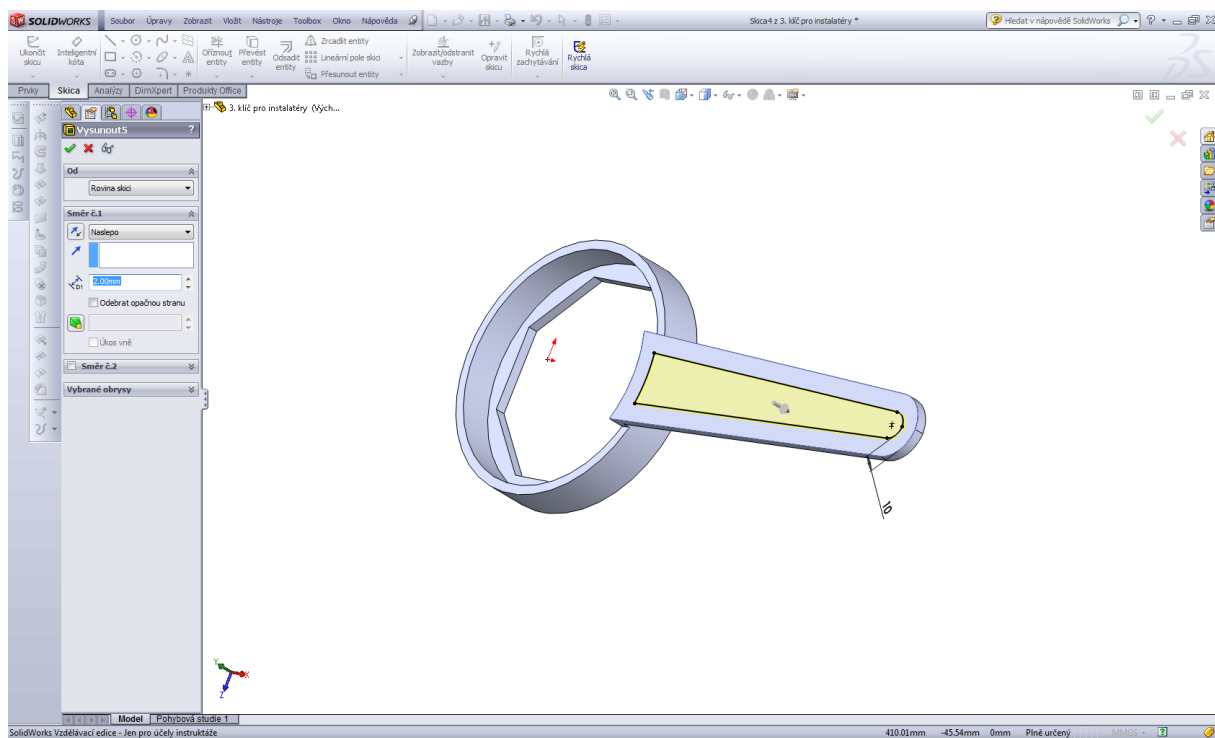
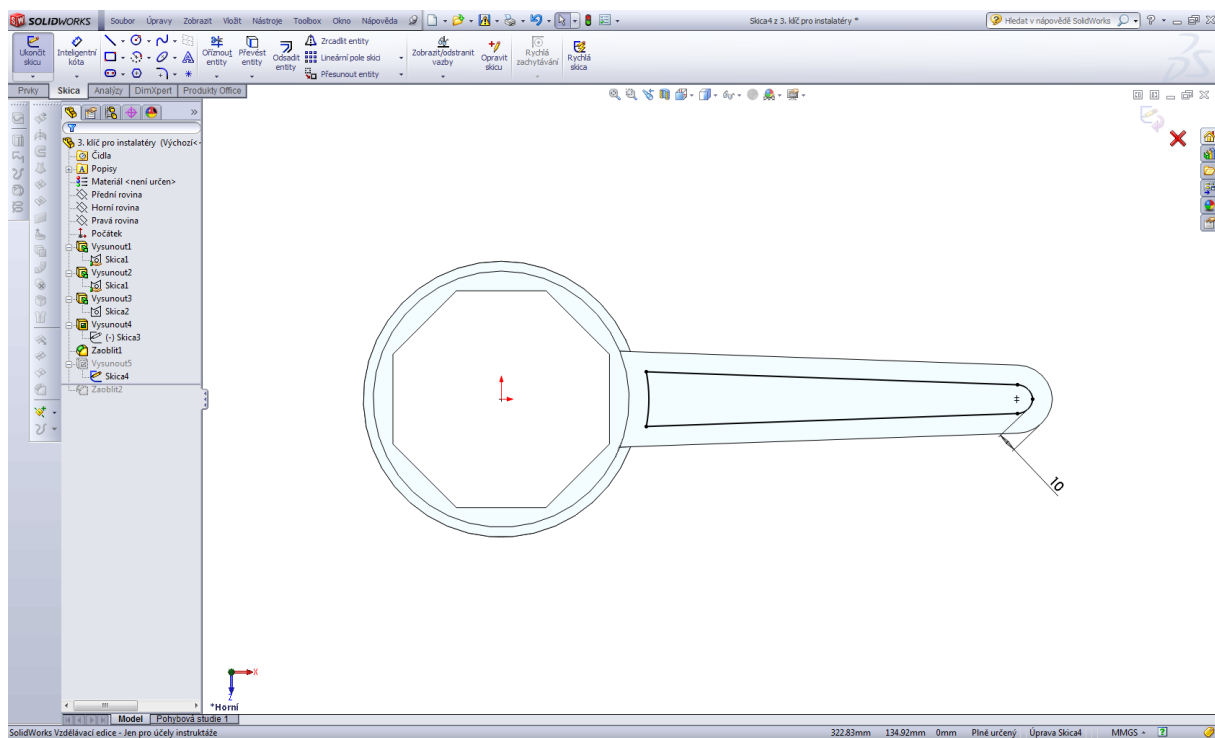
Přidat vysunutím 4.

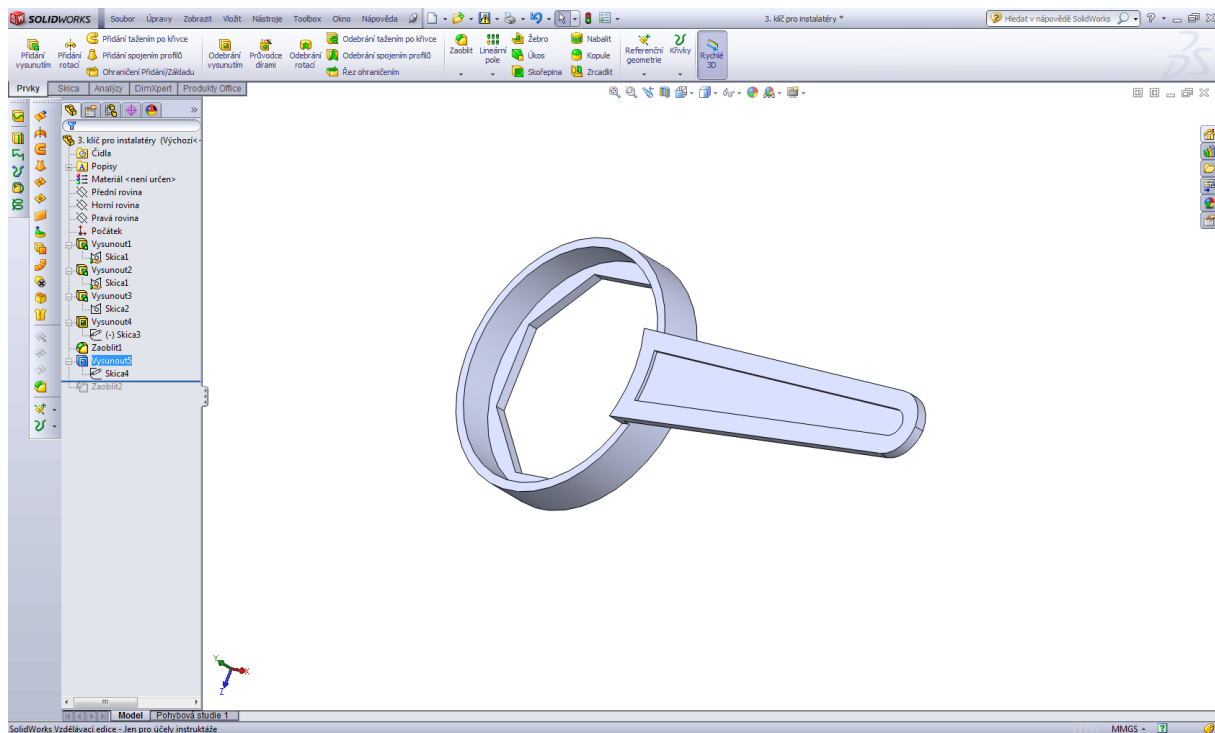


Zaoblení R18.

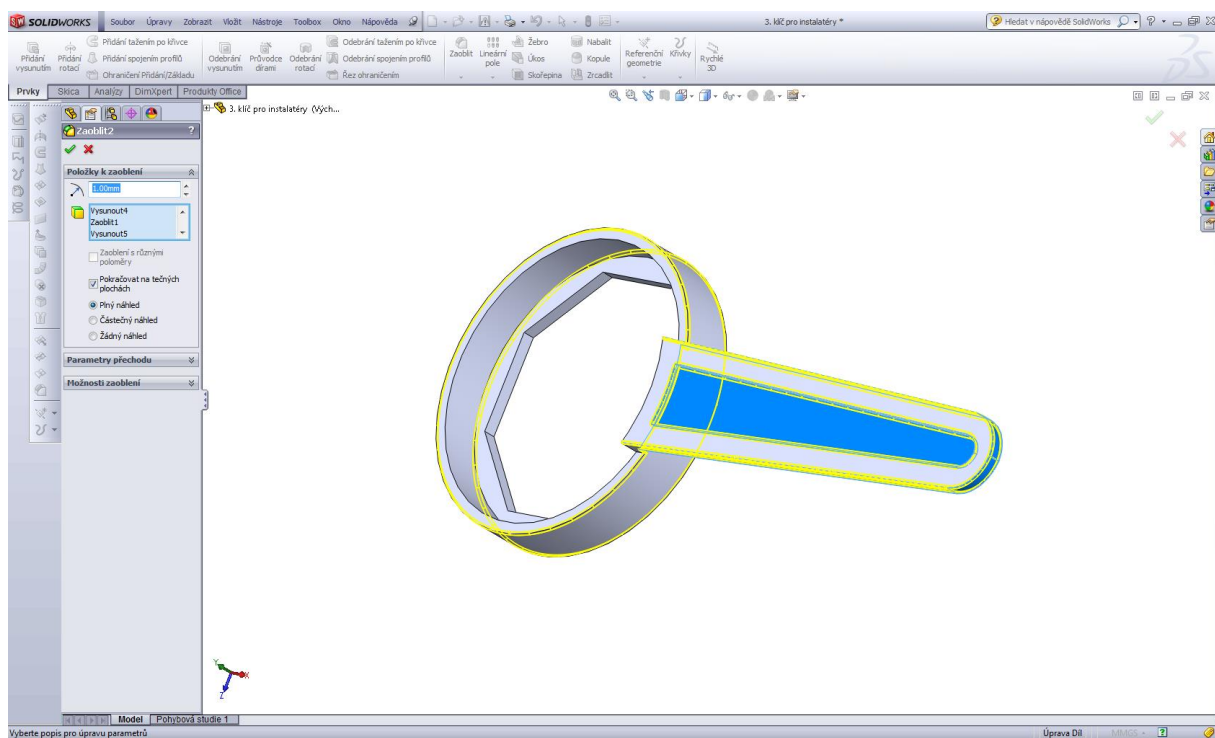


Odebrání vysunutím, skica.

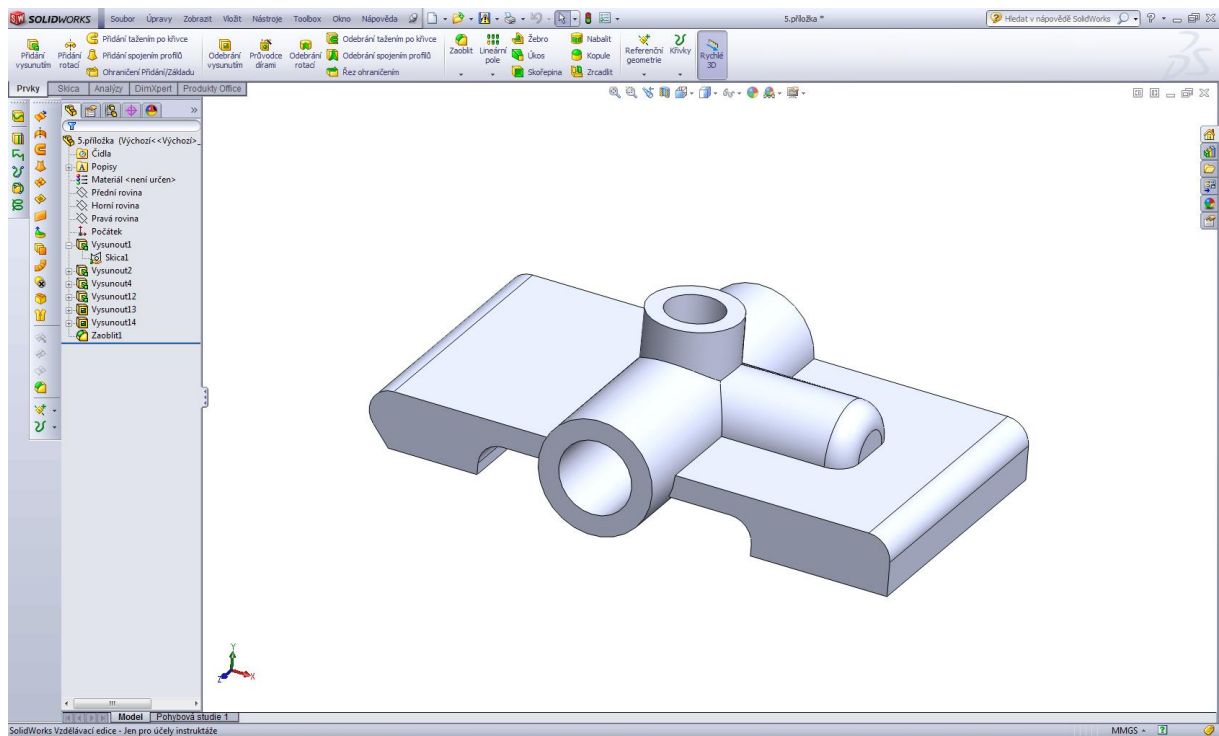




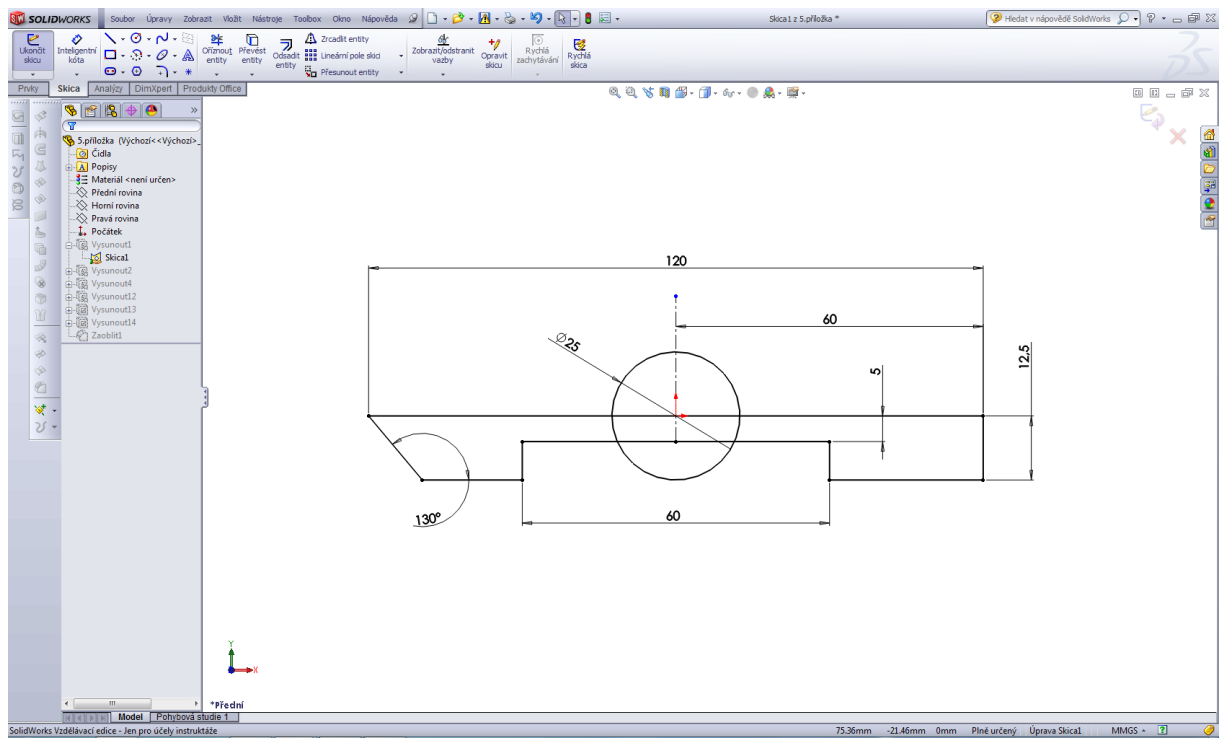
Zaoblení hran R1.



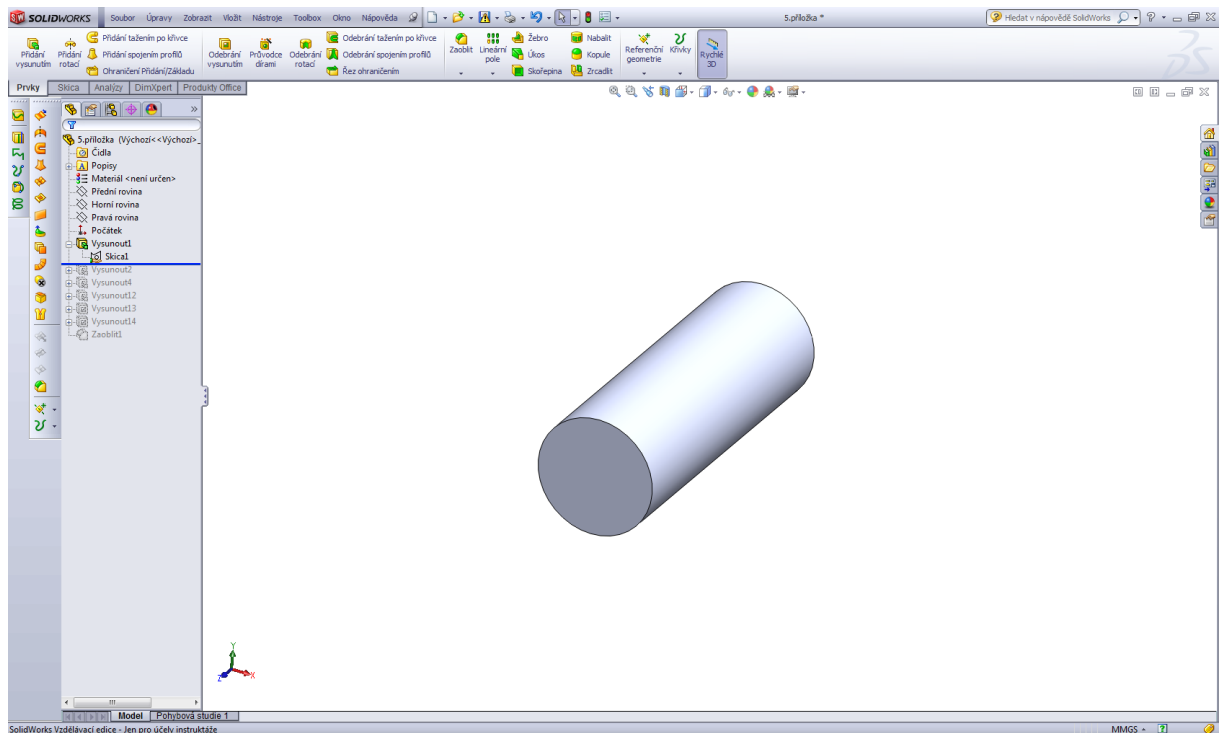
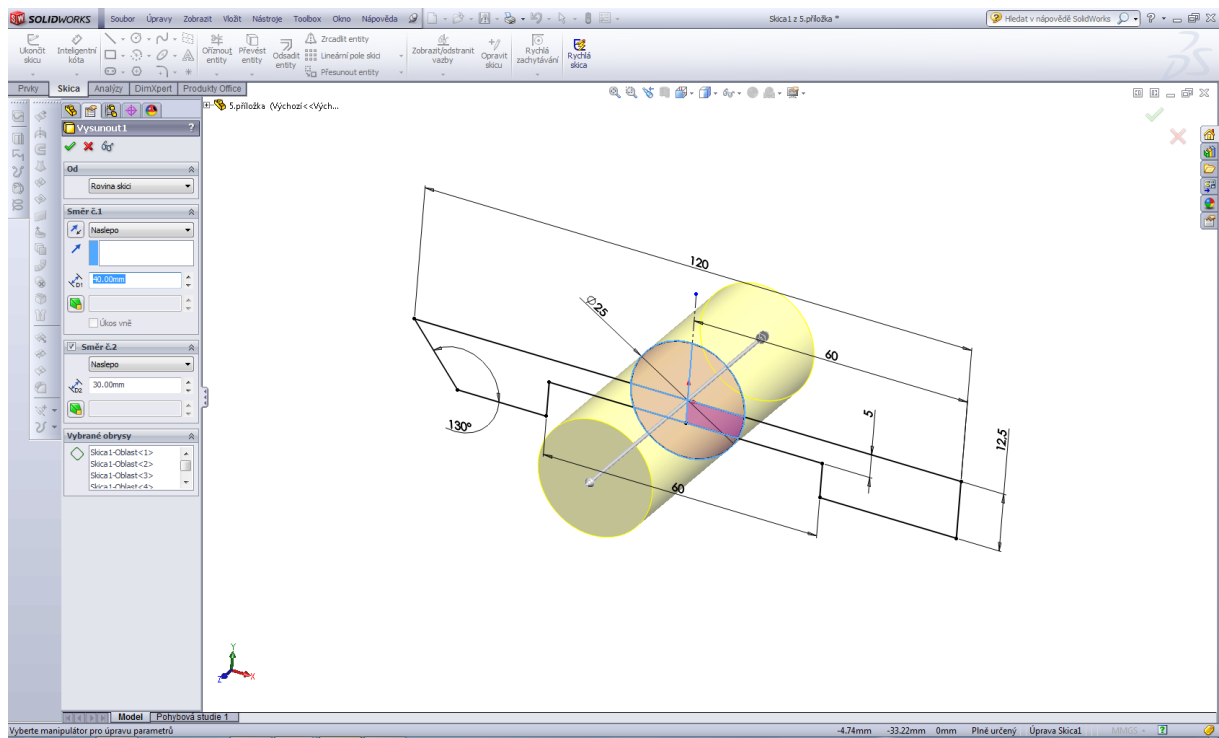
Modelování příločky.



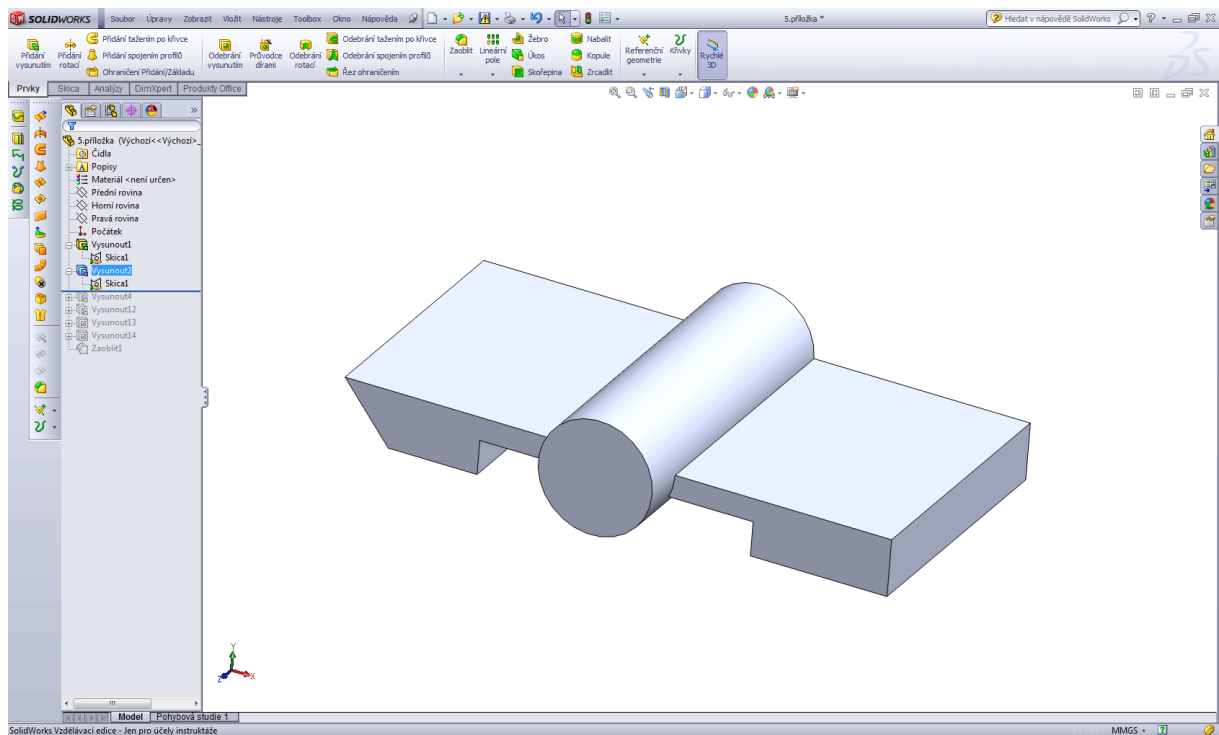
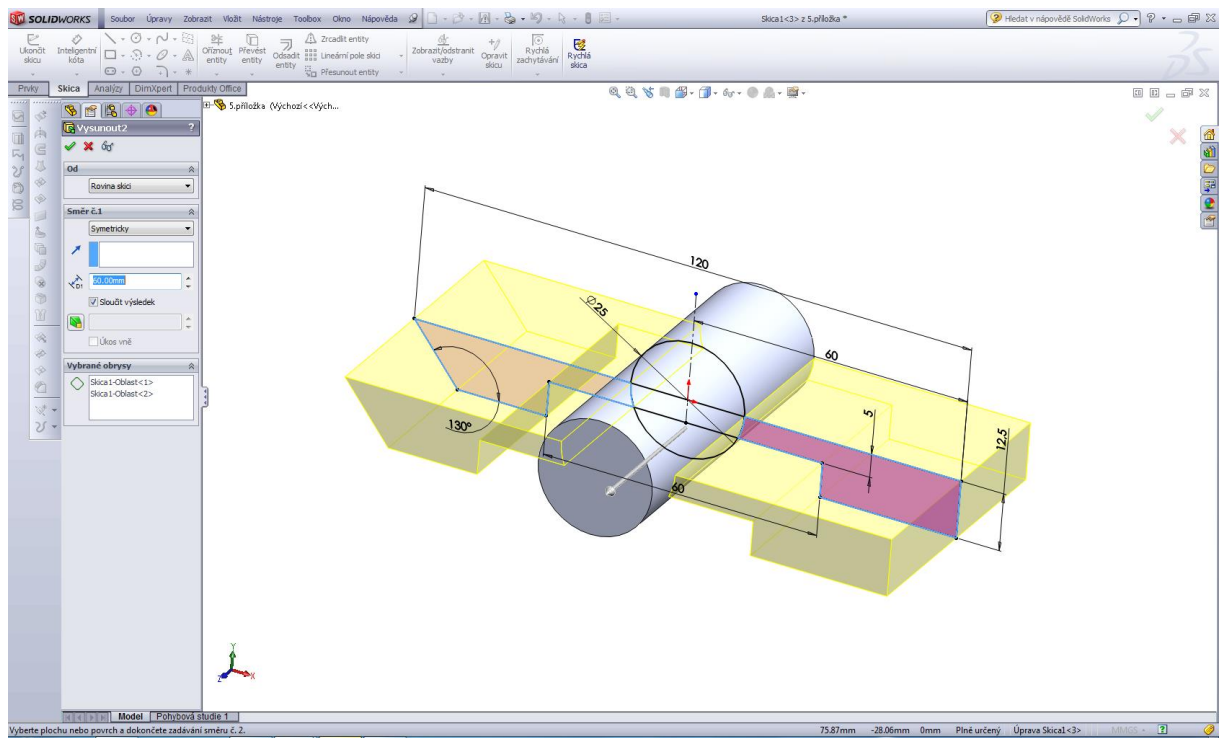
Úvodní skica příločky.



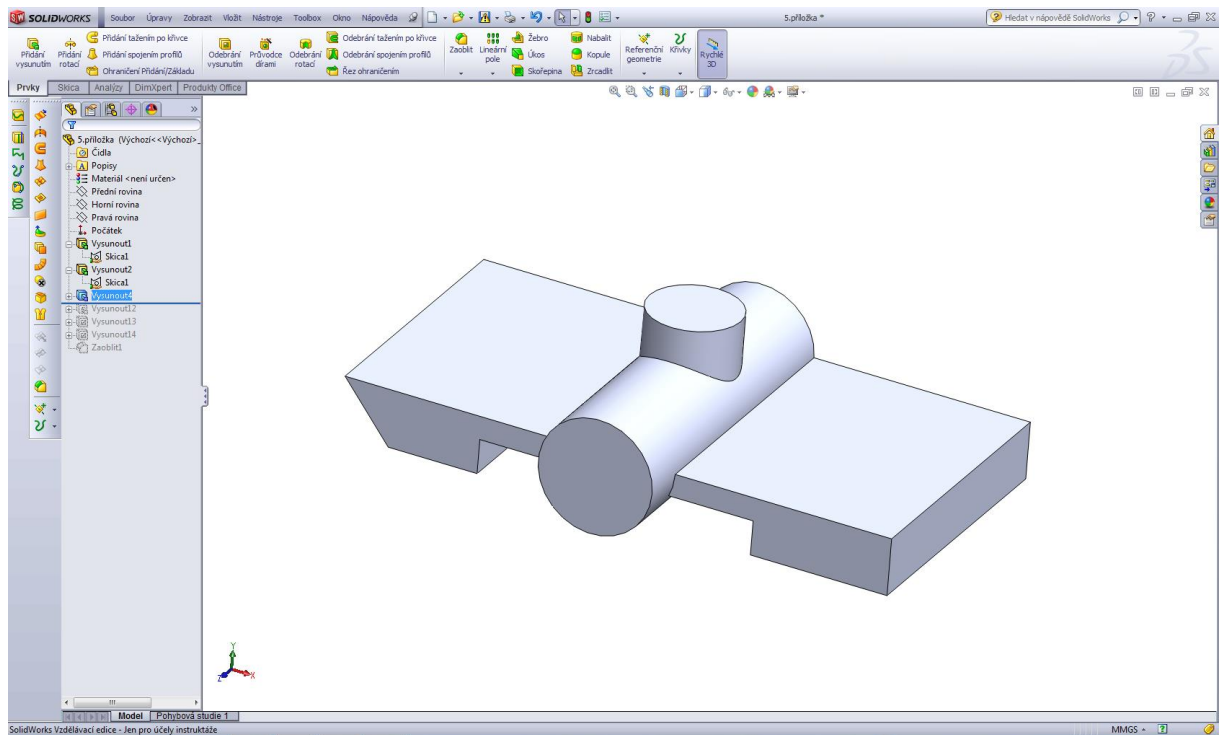
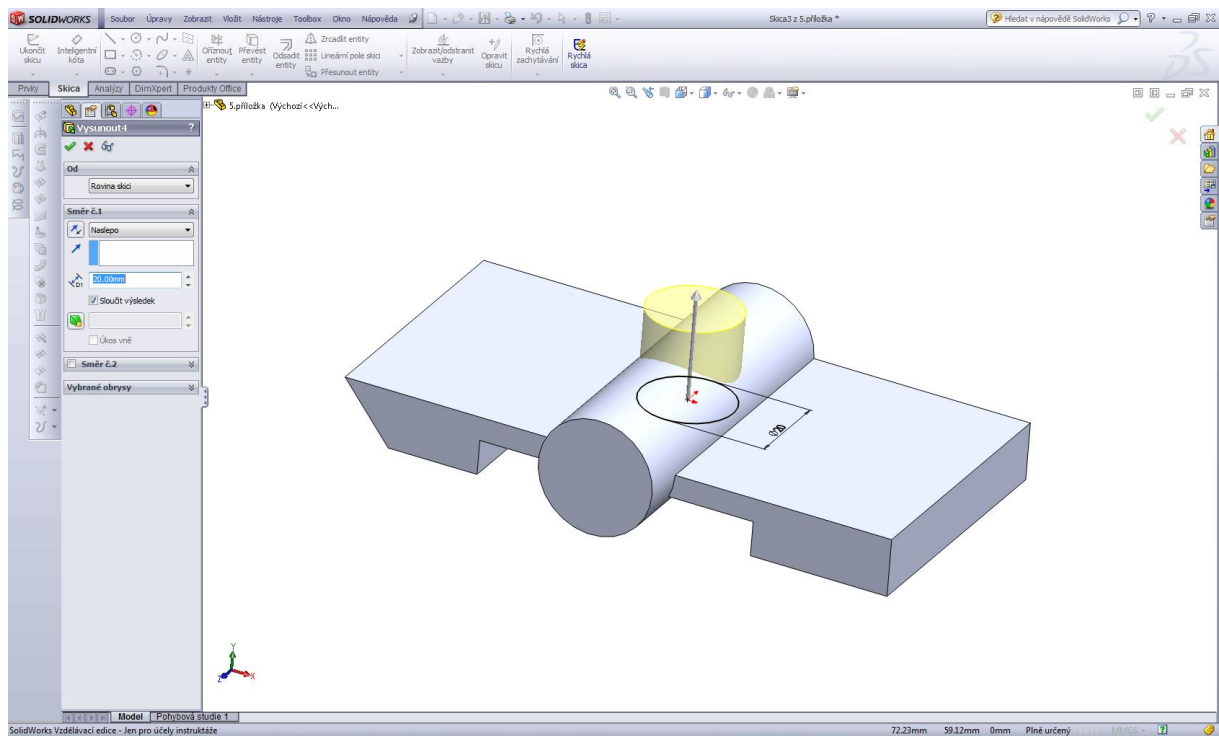
Vysunout 1.



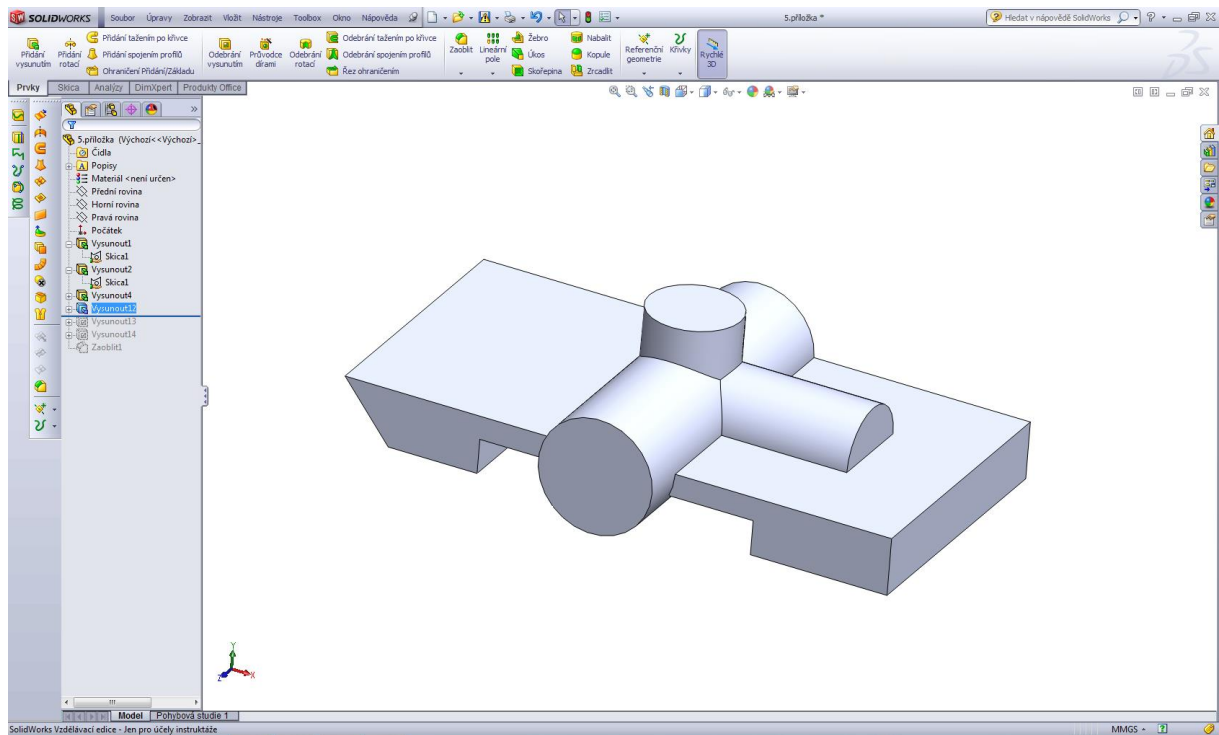
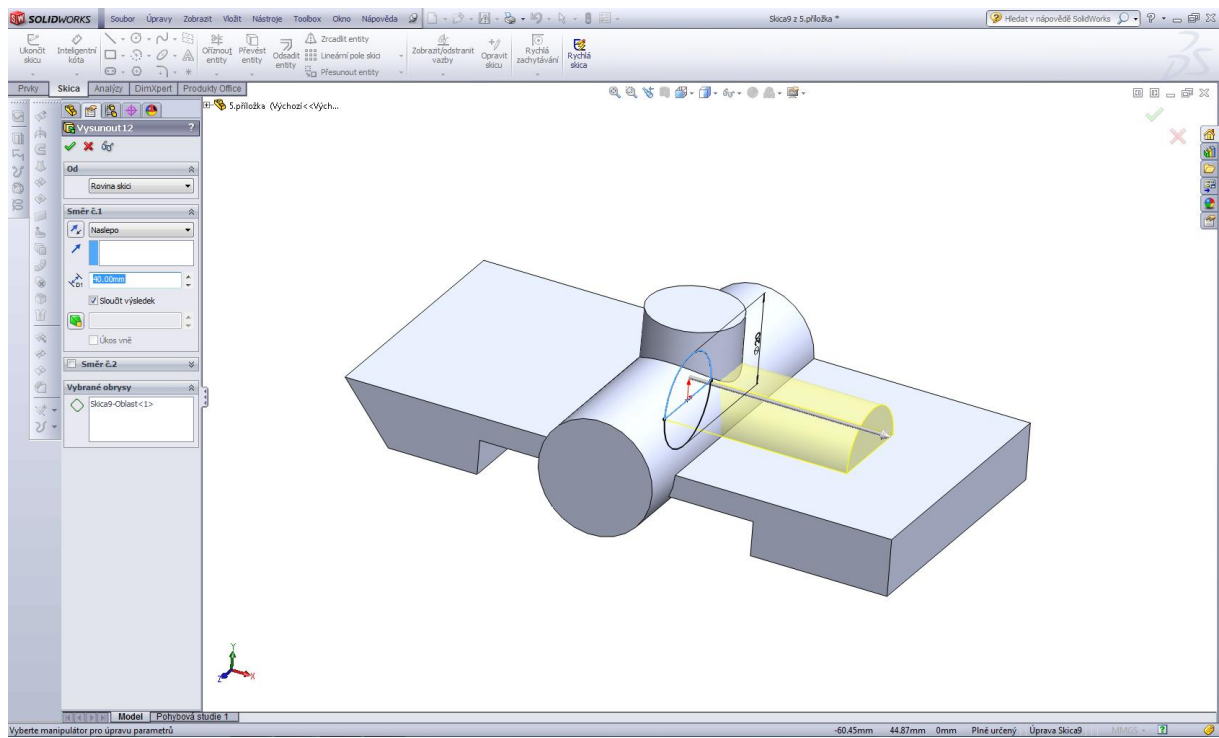
Vysunout 2.



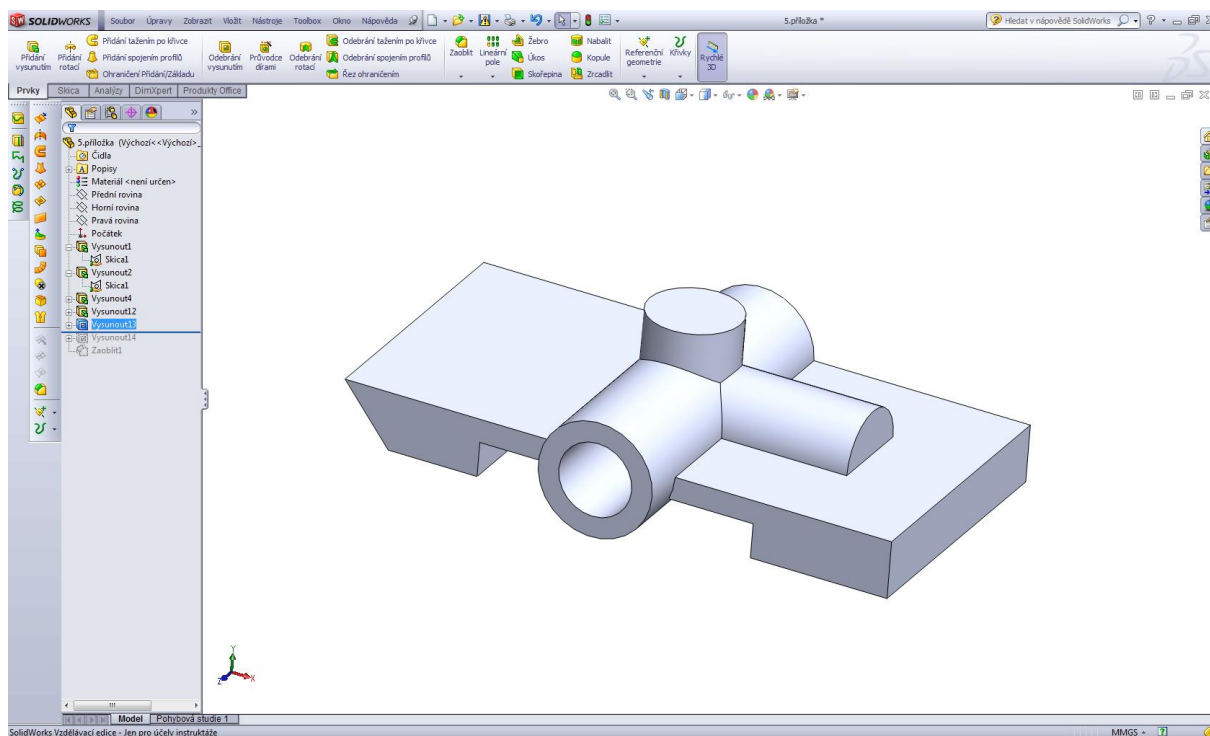
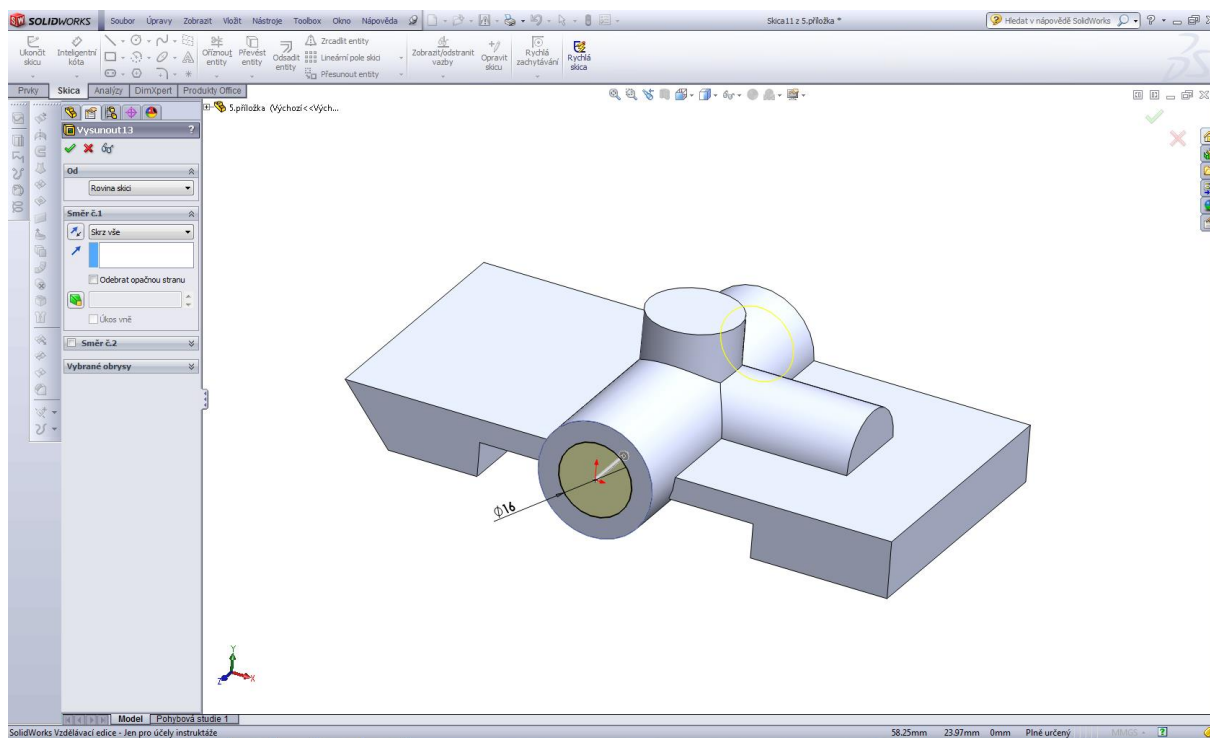
Vysunout 3.

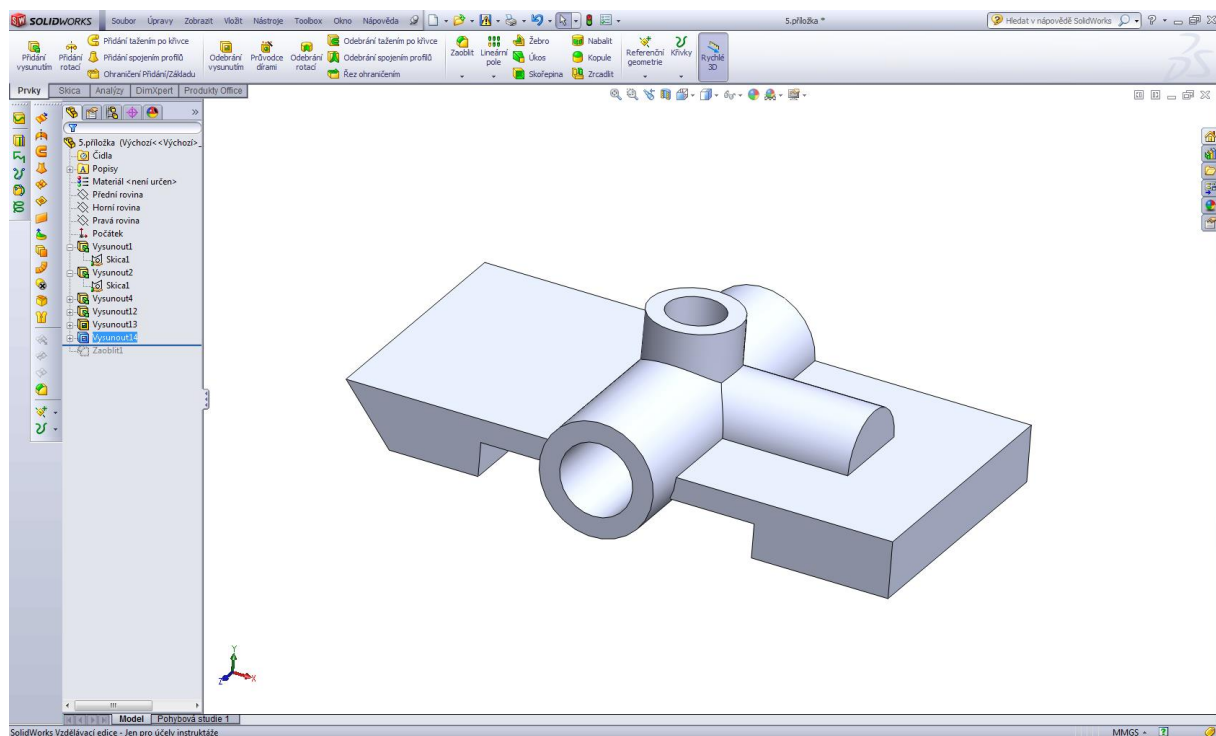


Vysunout 4.



Odebrání vysunutím 1.





Zaoblení R5.

