

Korpusni spojevi



Koji nameštaj spada u grupu korpusnog nameštaja?





Nameštaj

Građevinska stolarija

Drvena galanterija

Mestu korišćenja

Nameni

Konstrukciji

Prema nameni nameštaj se deli na:

- Nameštaj za odlaganje i čuvanje predmeta (vitrine, ormani, komode, police)
- Nameštaj za sedenje (stolice, taburei, klupe, fotelje)
- Nameštaj namenjen za rad i jelo (stolovi različitih vrsta)
- Nameštaj za ležanje (kreveti)
- Višenamenski nameštaj (kaučevi, trosedi, dvosedi)

Nameštaj

Građevinska stolarija

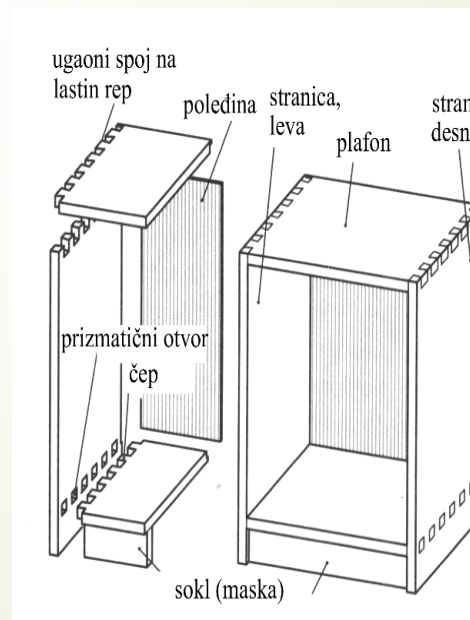
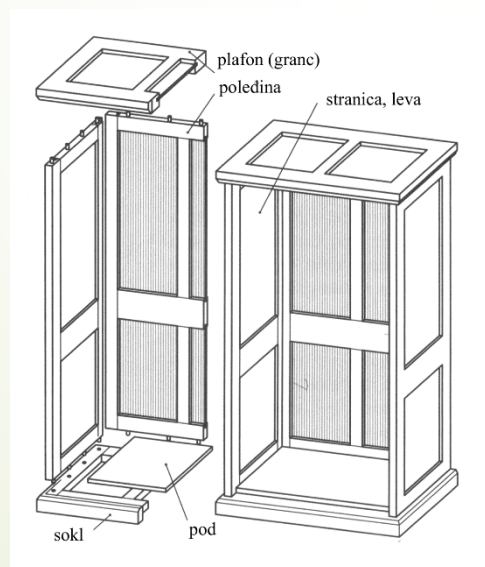
Drvena galanterija

Mestu korišćenja

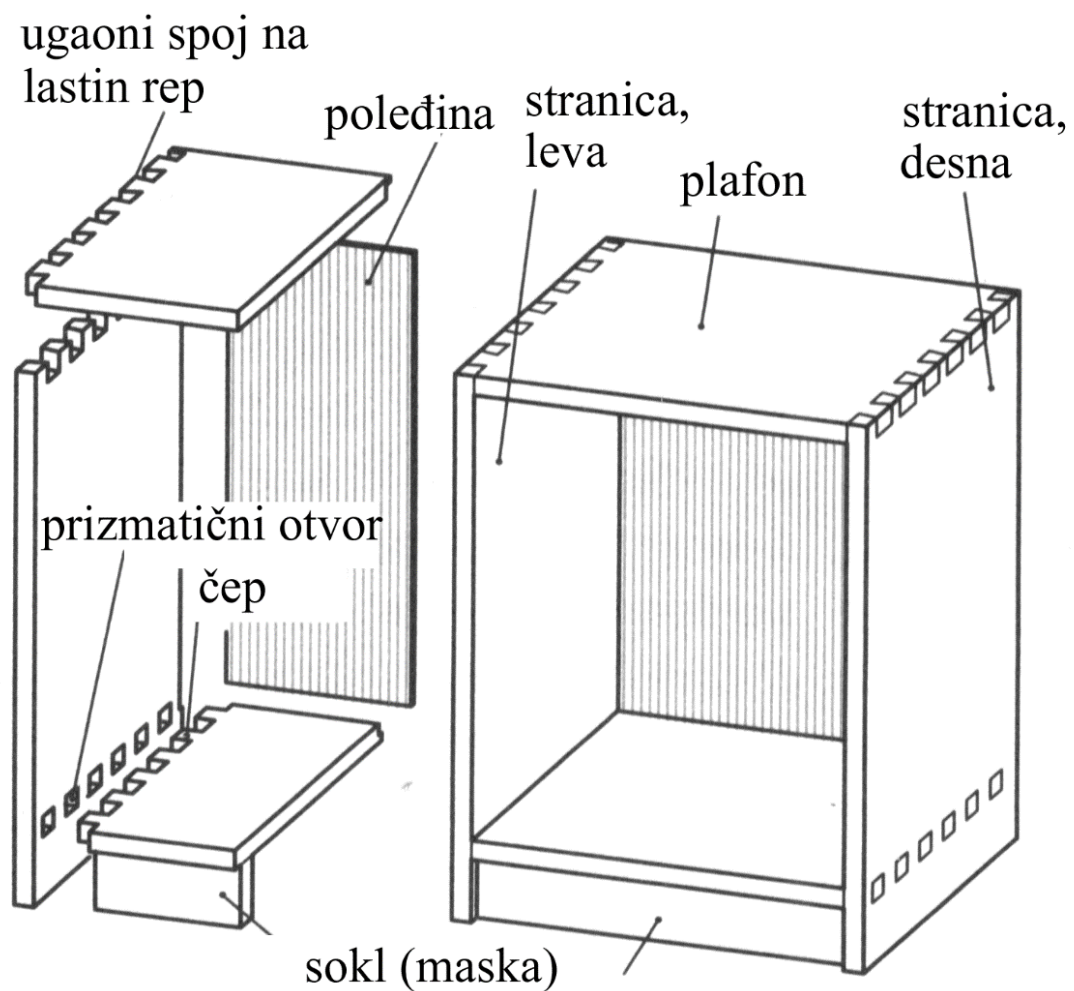
Nameni

Konstrukciji

- Proizvodi rešetkaste – skeletne konstrukcije (prozori, stolice, kreveti, stolovi, vitrine, ormani)
- Proizvodi korpusne konstrukcije (ormani, plakari, vitrine)
- Proizvodi kombinovane konstrukcije (stolovi, kreveti, vitrine, ormani)
- Proizvodi pločaste konstrukcije (daske za meso, daske za povrće)

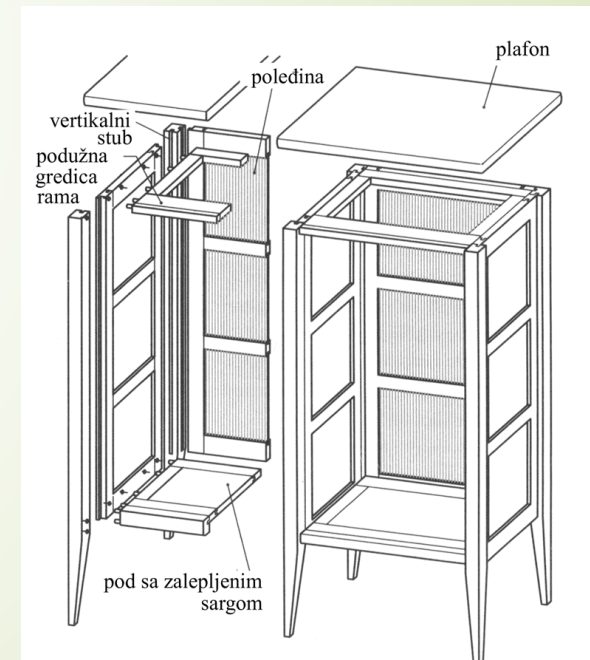
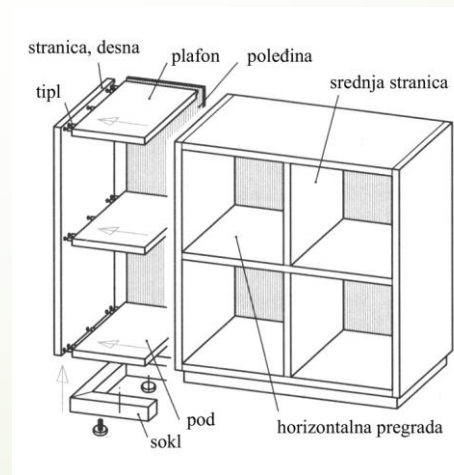
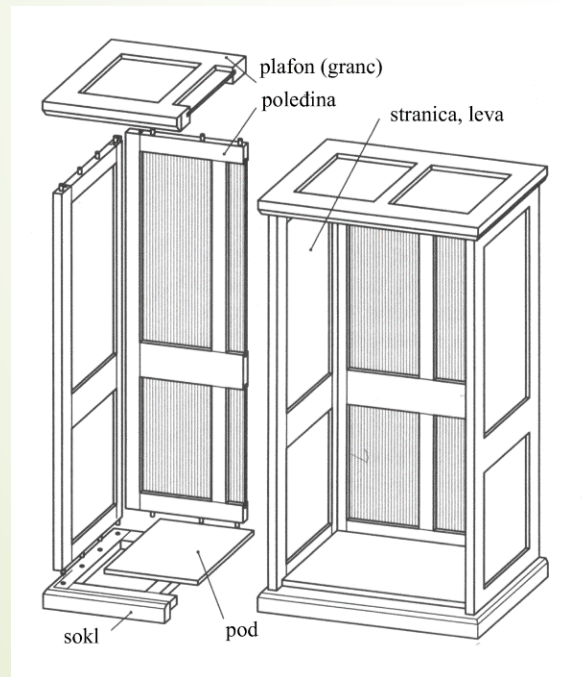


Delovi korpusnog nameštaja



Načini konstruisanja korpusa:

- ramova sa različitim vrstama ispuna
- pločastih elemenata (svi tipovi ploča)
- kombinovanjem ploča i ramova

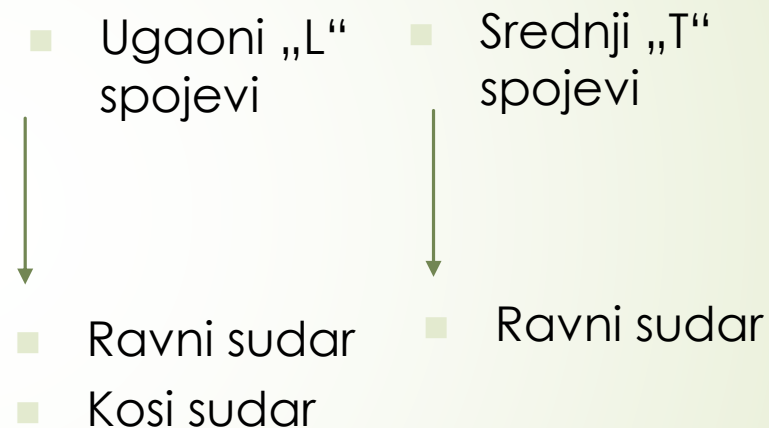


Podela korpusnih spojeva

Fiksni spojevi

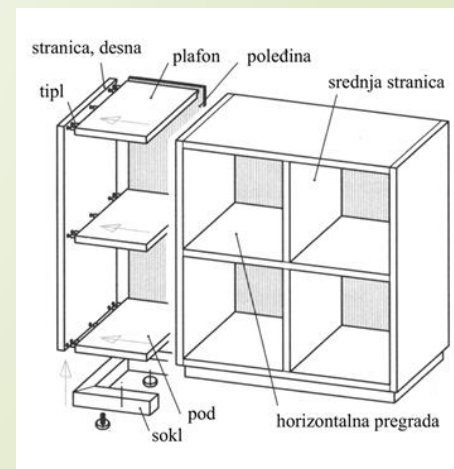


Montažno-demontažni spojevi

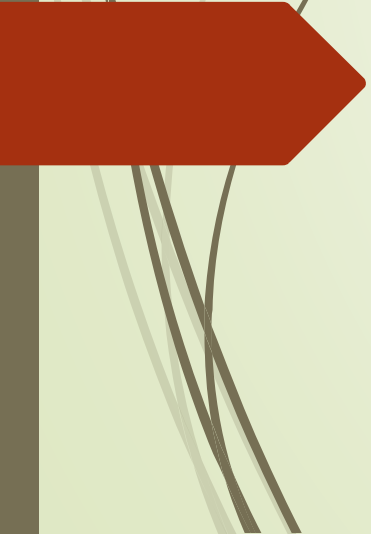


NAPOMENA:

Elementi veze u okviru jednog korpusa su identični bez obzira da li se radi o „L“ ili „T“ spojevima!!!!



FIKSNI SPOJEVI



Ugaoni „L“ spojevi
Ravan sudar

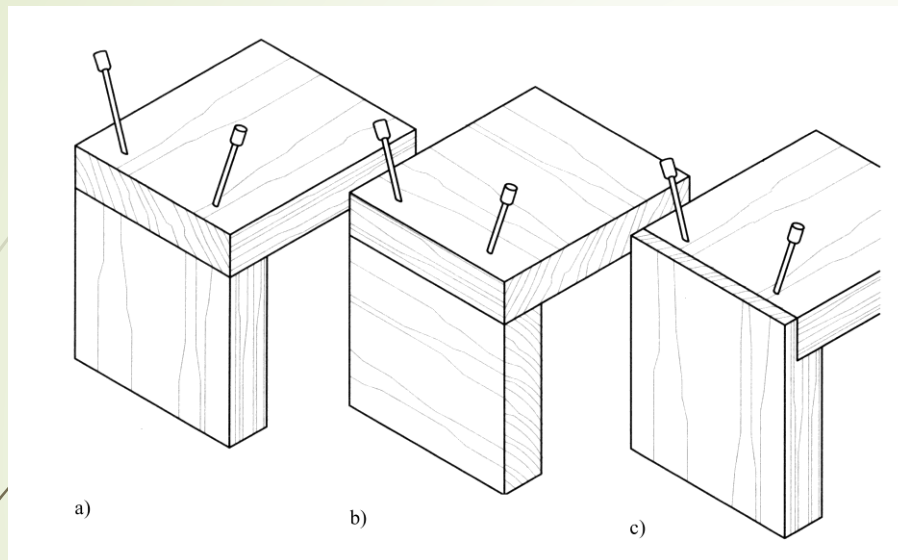
Ugaoni korpusni fiksni spojevi na ravni sudar

- Ugaoni korpusni spojevi sa ekserima, (**m**+**p**)
- Ugaoni korpusni spojevi na pero i utor, (**m**+sp)
- Ugaoni korpusni spojevi na ravne zupce i lastin rep – otvoreni spojevi, (**m**+sp)
- Ugaoni korpusni spojevi na ravne zupce i lastin rep – poluotvoreni spojevi, (**m**+sp)
- Ugaoni korpusni spojevi na ravne zupce, (**m**+sp)
- Ugaoni korpusni spojevi na mašinske zupce - otvoreni, (**m**+sp)
- Ugaoni korpusni spojevi sa tiplovima, (**m**+**p**)



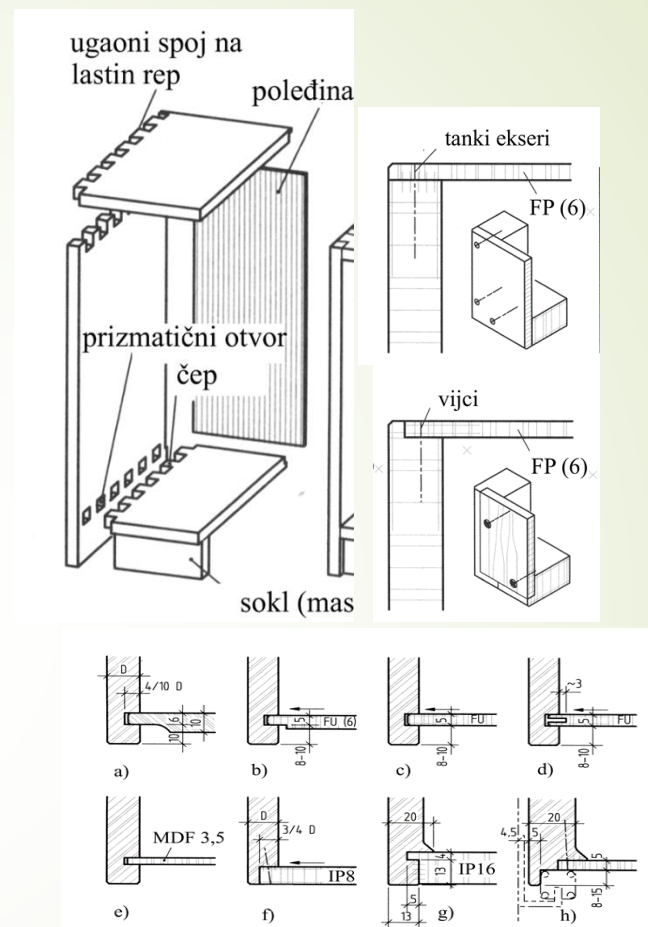
NAPOMENA:

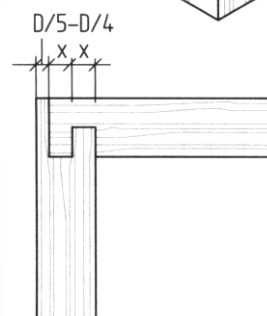
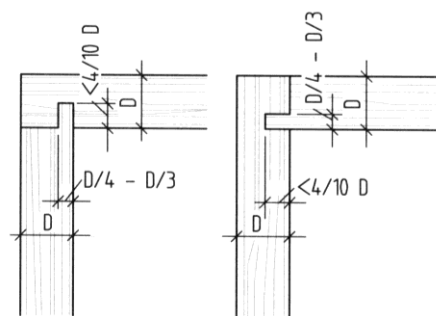
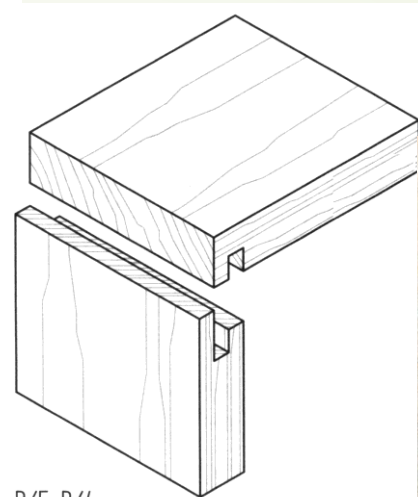
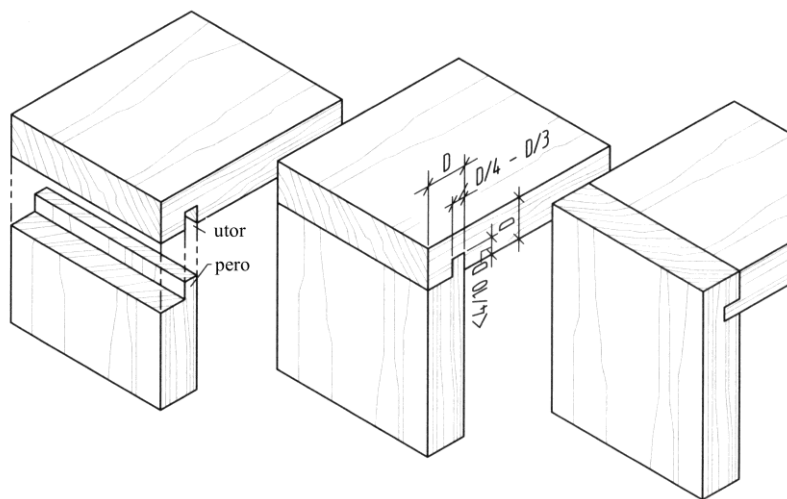
- Spojevi primenljivi na elementima od masiva – **m**;
- Spojevi primenljivi na elementima od ploča na bazi drveta – **p**;



Ugaoni korpusni spojevi na ravni sudar sa ekserima

- a) Plafon prelazi preko stranica.
- b) Plafon prelazi preko stranica.
- c) Plafon ulazi u falc na stranicama.





Ugaoni korpusni spojevi na ravni sudar pomoću pera i utora

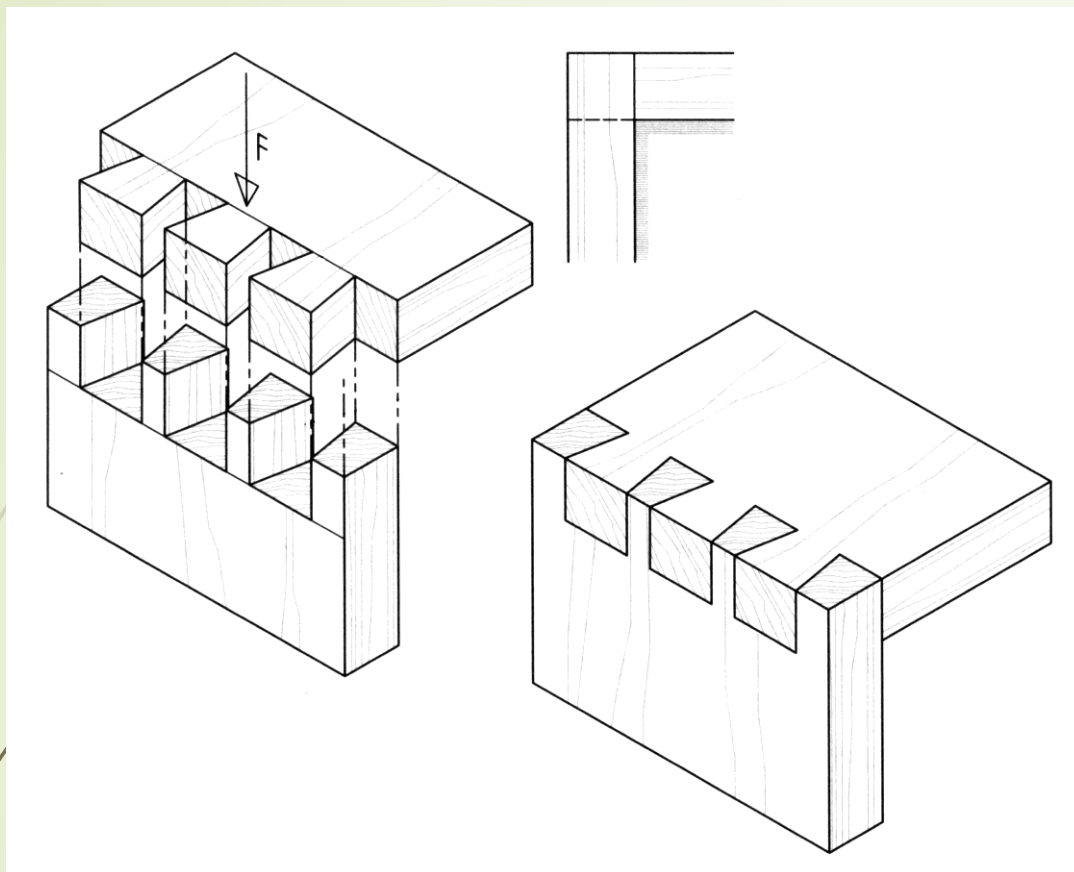
Veza bočne strane i čela fioke



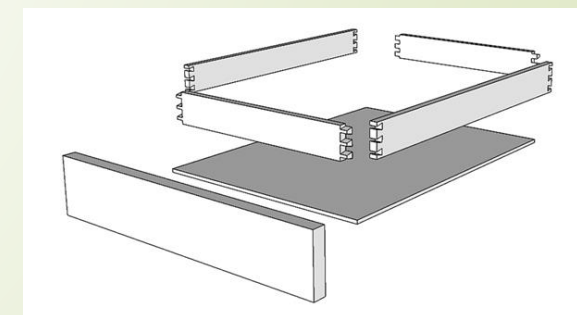
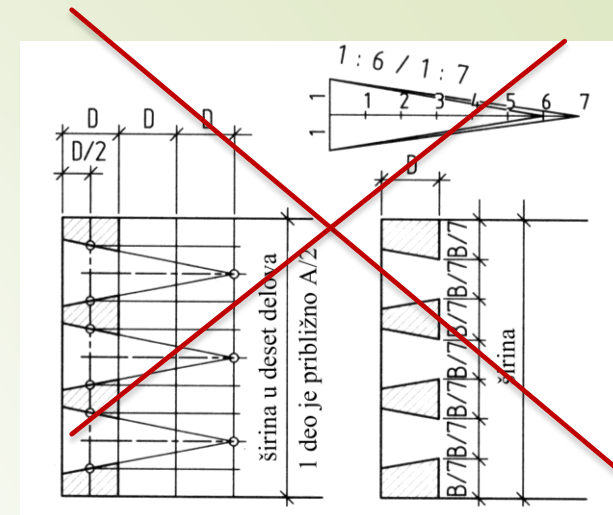
Ugaoni korpusni fiksni spojevi na ravni sudar

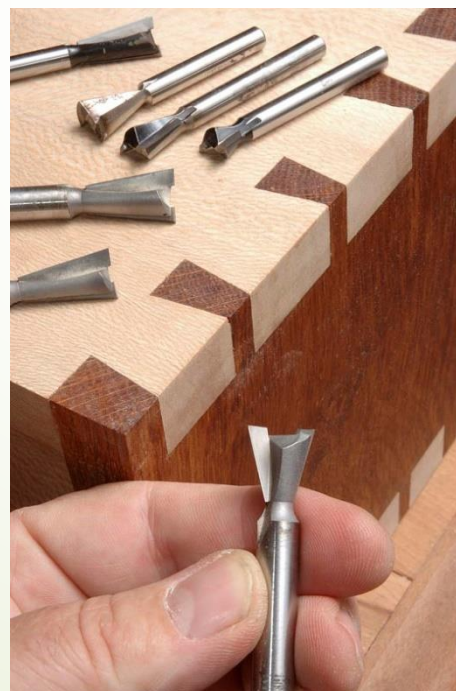
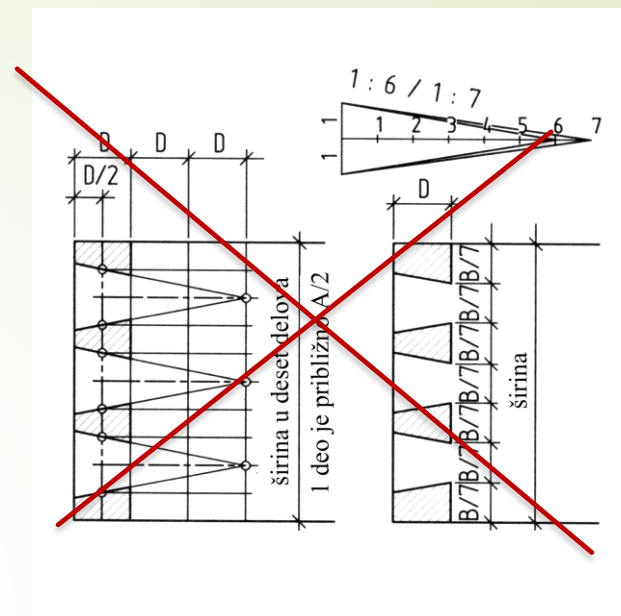
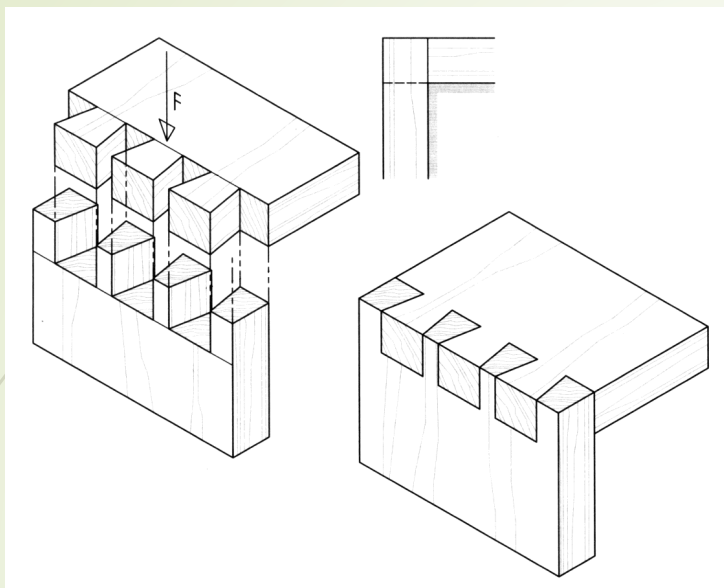
- Ugaoni korpusni spojevi na ravne zupce i lastin rep – otvoreni spojevi, (m)
- Ugaoni korpusni spojevi na ravne zupce i lastin rep – poluotvoreni spojevi, (m)
- Ugaoni korpusni spojevi na ravne zupce, (m)
- Ugaoni korpusni spojevi na mašinske zupce - otvoreni, (m)

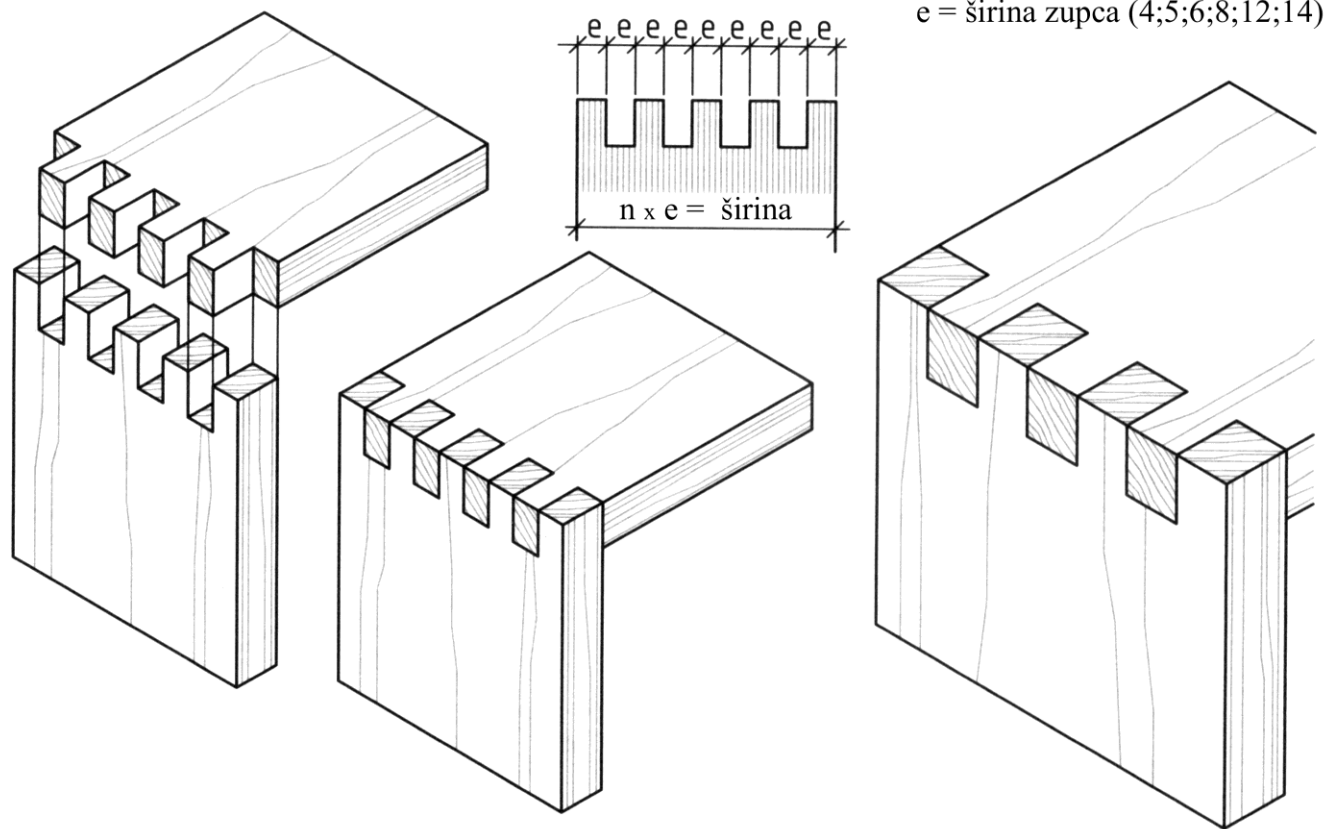




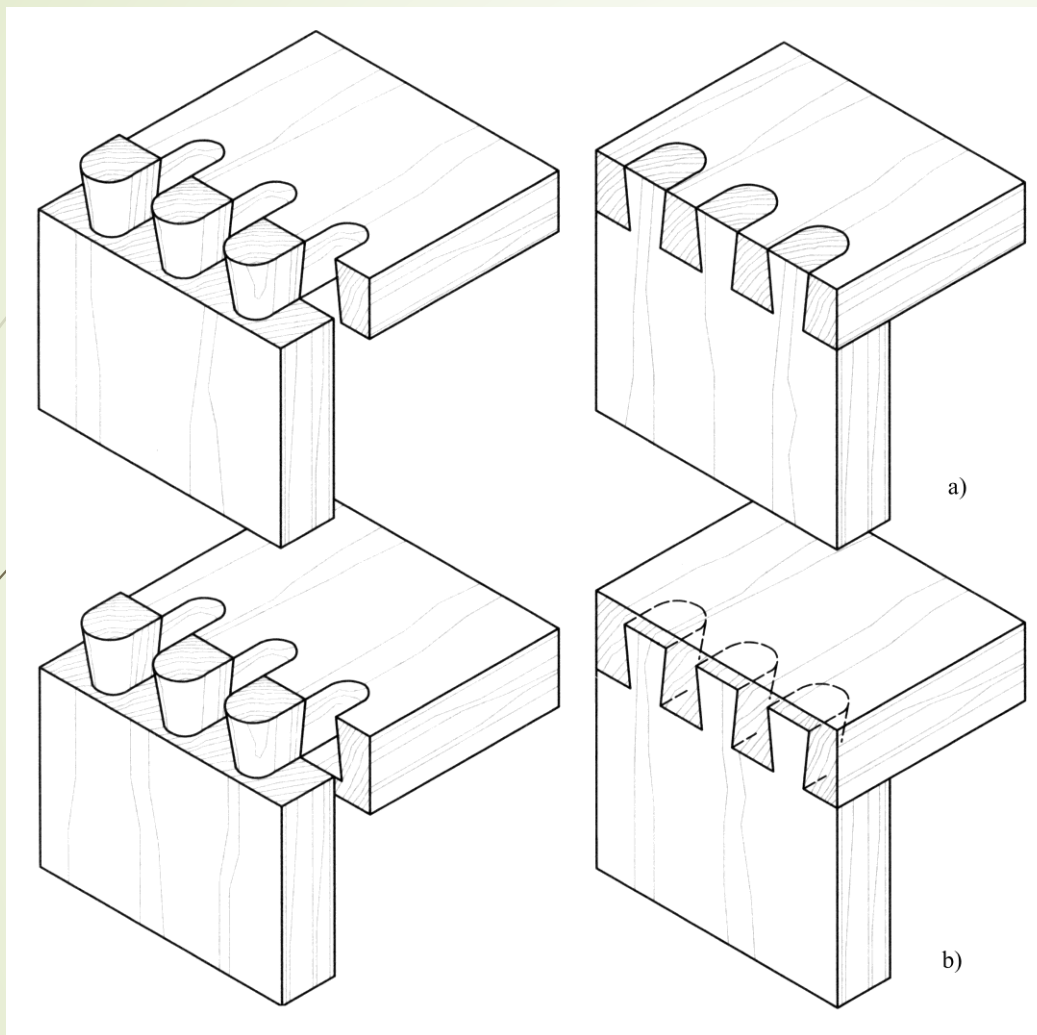
Ugaoni korpusni spojevi na ravan sudar na zupce i lastin rep – otvoreni spoj







Ugaoni korpusni spojevi na ravan sudar i ravne zupce– otvoreni spoj



Ugaoni korpusni spojevi na ravan sudar sa mašinskim zupcima

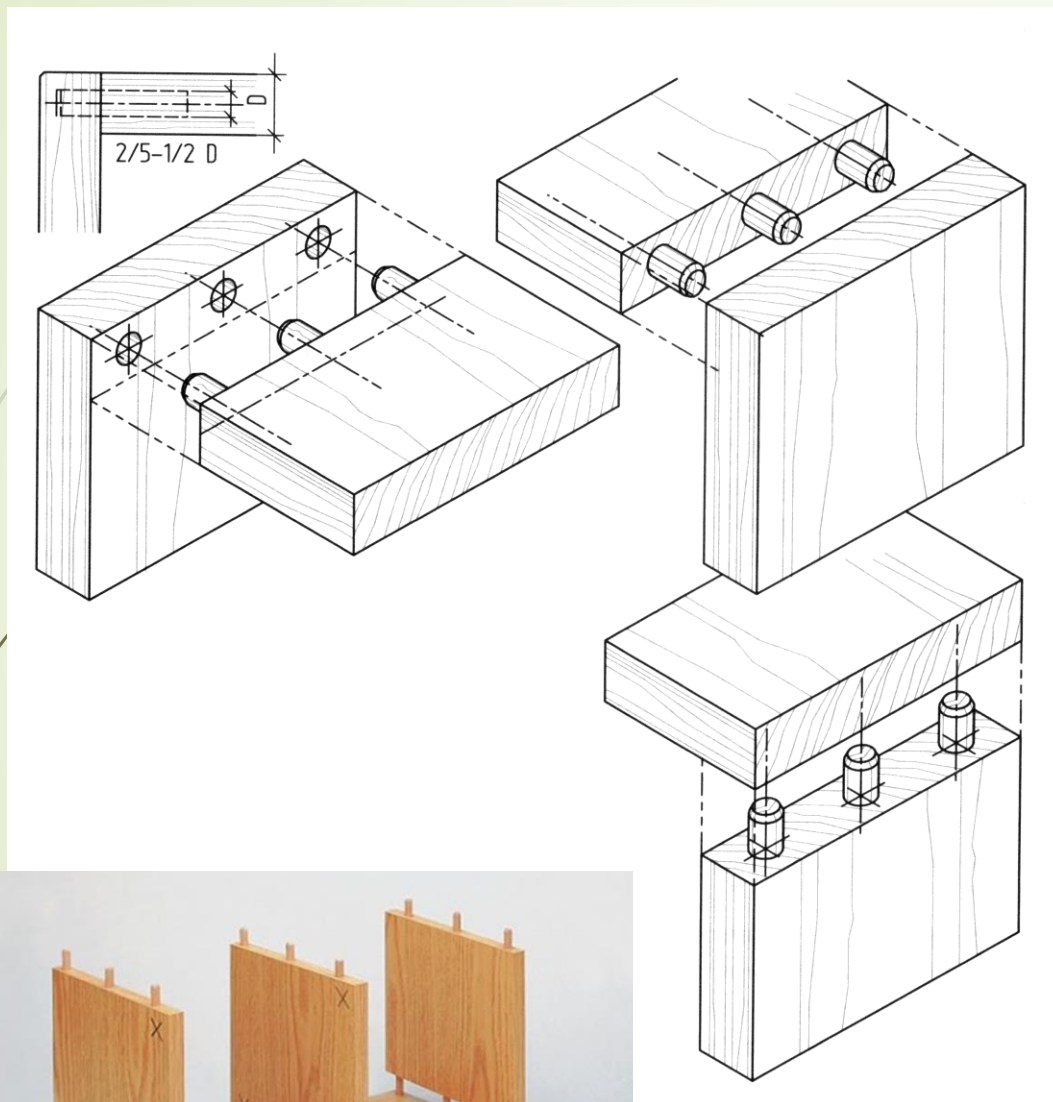
a) Otvoreni spoj

b) Poluotvoreni spoj



<https://www.youtube.com/watch?v=dak3QcNoGB0>

<https://www.youtube.com/watch?v=viT3ZGAlzNw>



Ugaoni korpusni spojevi na ravan sudar sa tiplovima

❖ Prečnici tiplova

$d = 6, \mathbf{8}, \mathbf{10}, 12\text{mm}$

❖ Dužina tiplova

$l = 25, \mathbf{30}, \mathbf{35}, 40\text{mm}$

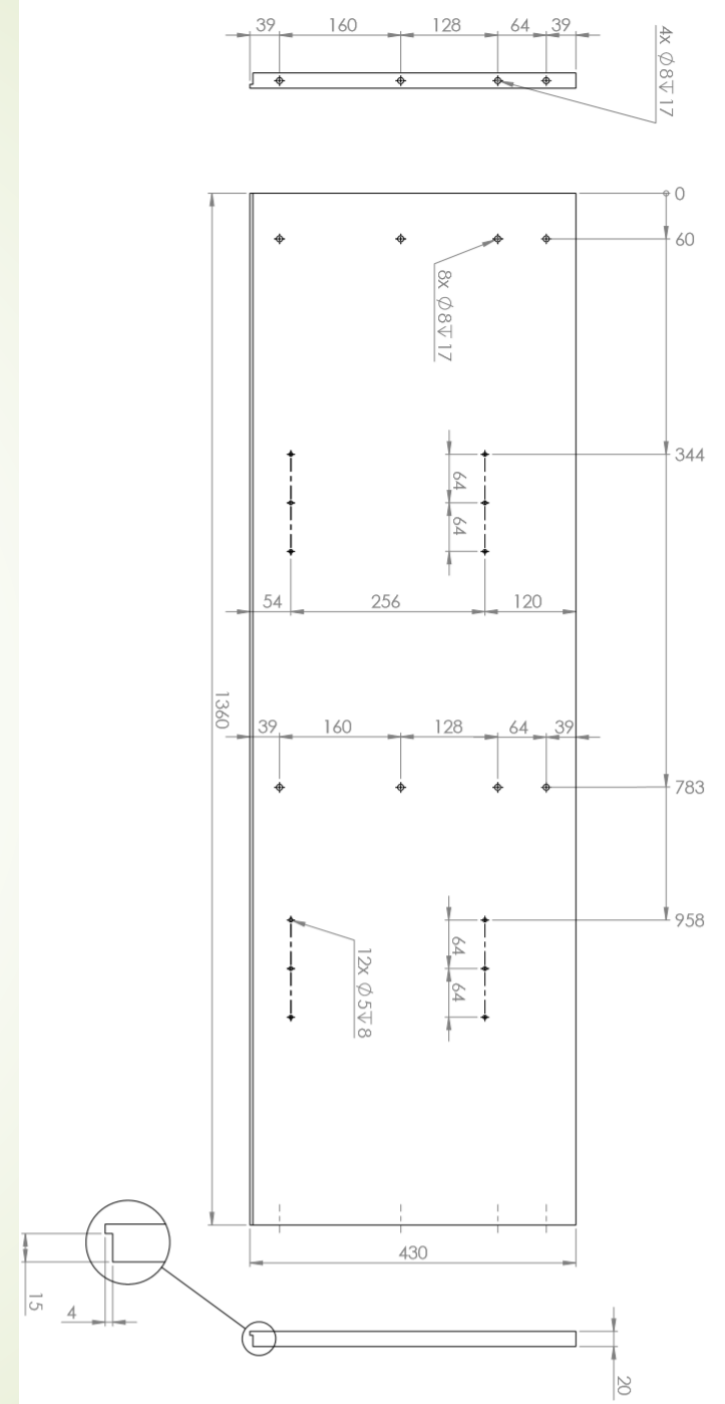
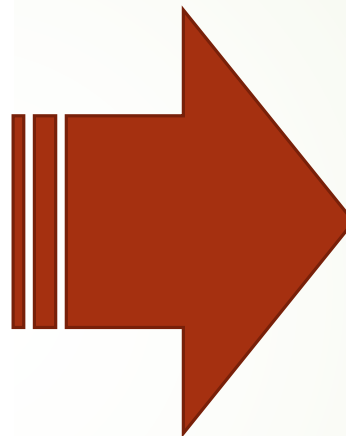
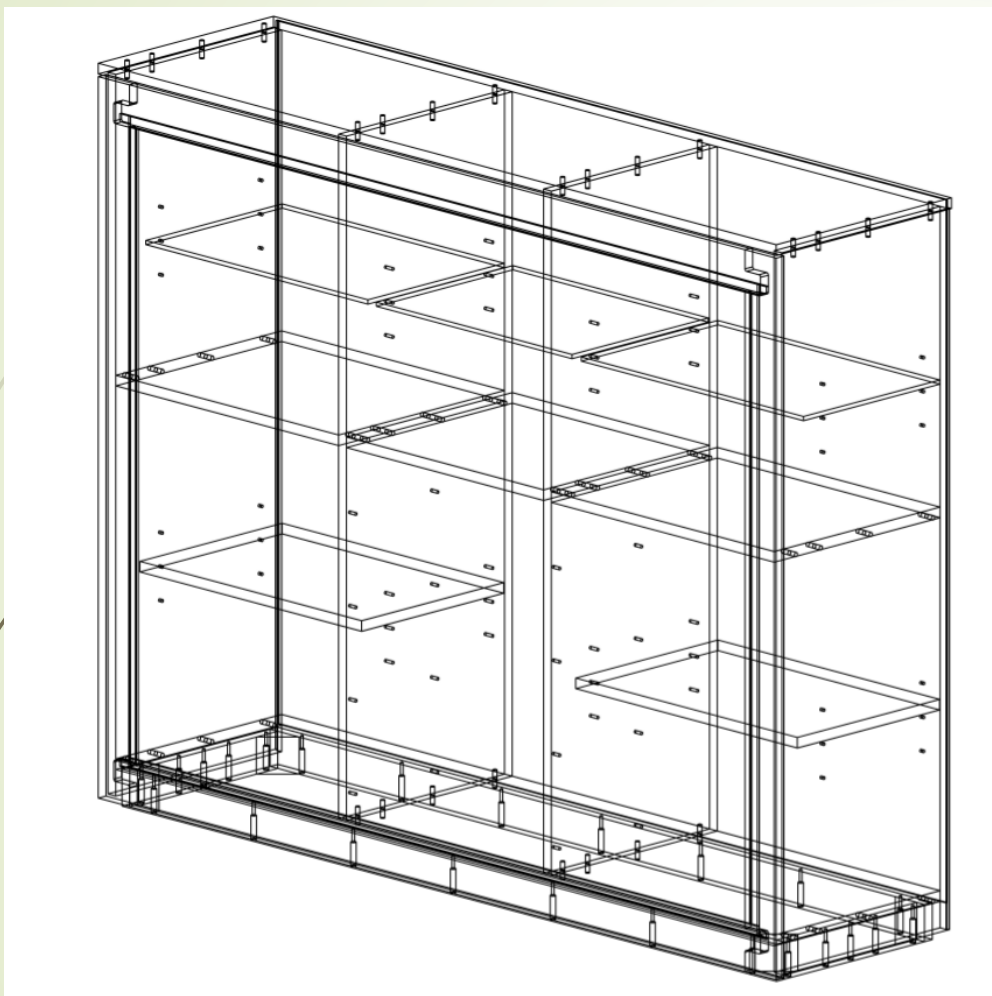
❖ Rastojanje između tiplova
 $< 200\text{mm} (192\text{mm})$

❖ **Sistem 32**



Bušenje u sistemu „32“







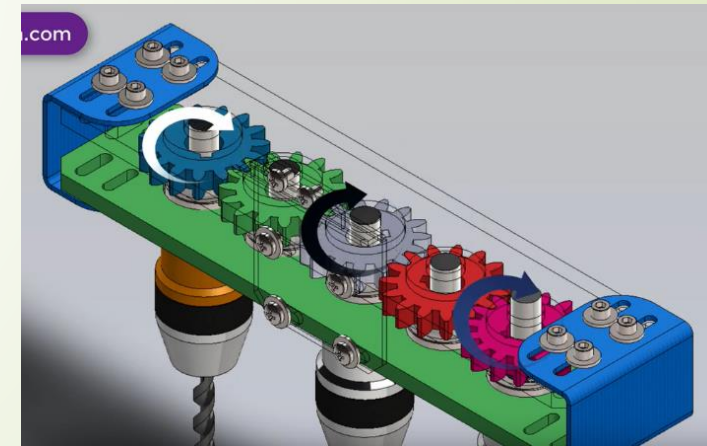
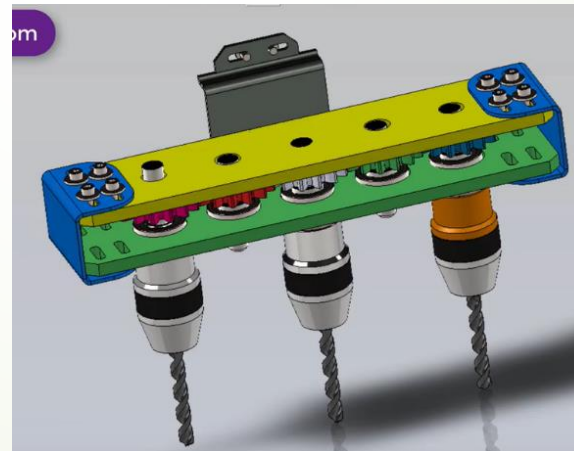
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<https://www.youtube.com/watch?v=1QzIKMzImvU>

<https://www.youtube.com/watch?v=HtTDpvfY6FY>







<https://www.youtube.com/watch?v=Piic6DoBqbY>

FIKSNI SPOJEVI



Ugaoni „L“ spojevi

Kosi sudar



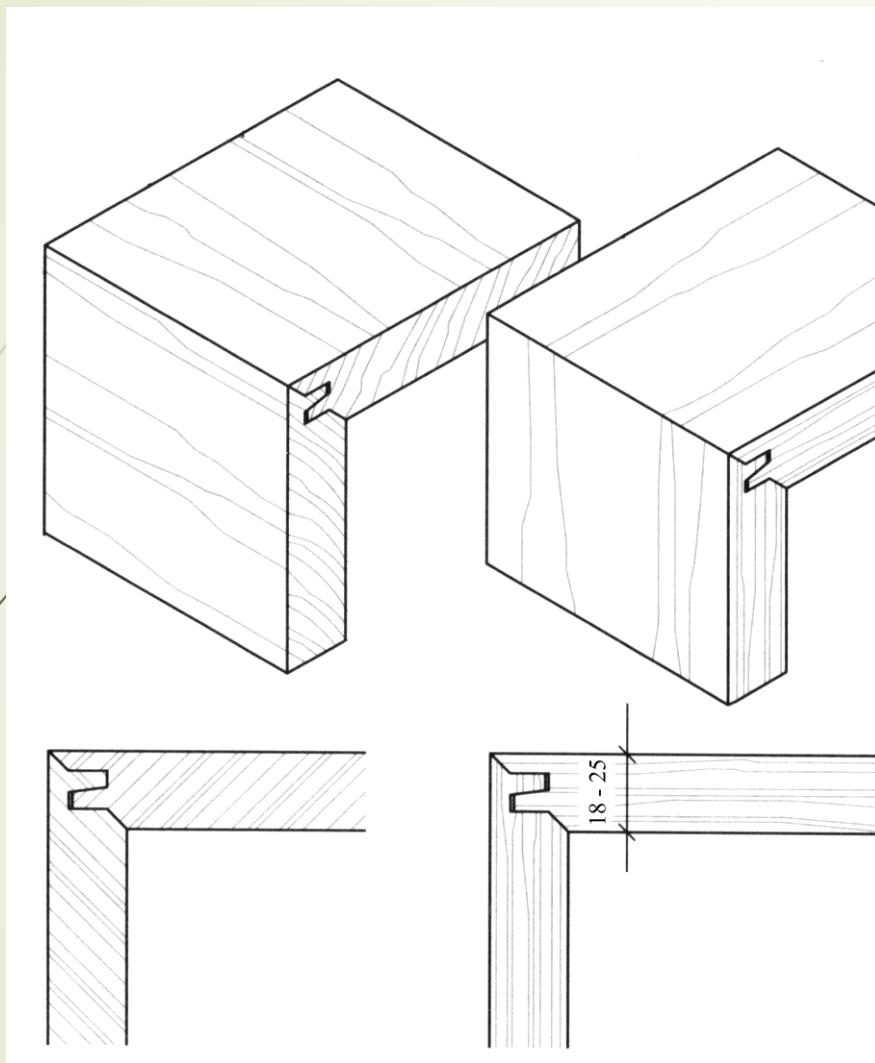
Ugaoni korpusni fiksni spojevi na kosi sudar

- Ugaoni korpusni profilisani spojevi na kosi sudar, ($m+sp$)
- Ugaoni korpusni spojevi sa umetnutim perom na kosi sudar, $m+p$
- Ugaoni korpusni spojevi na zupce i lastin rep na kosi sudar - poluotvoreni, ($m+sp$)
- Ugaoni korpusni spojevi sa tiplovima na kosi sudar - poluotvoreni ($m+p$)



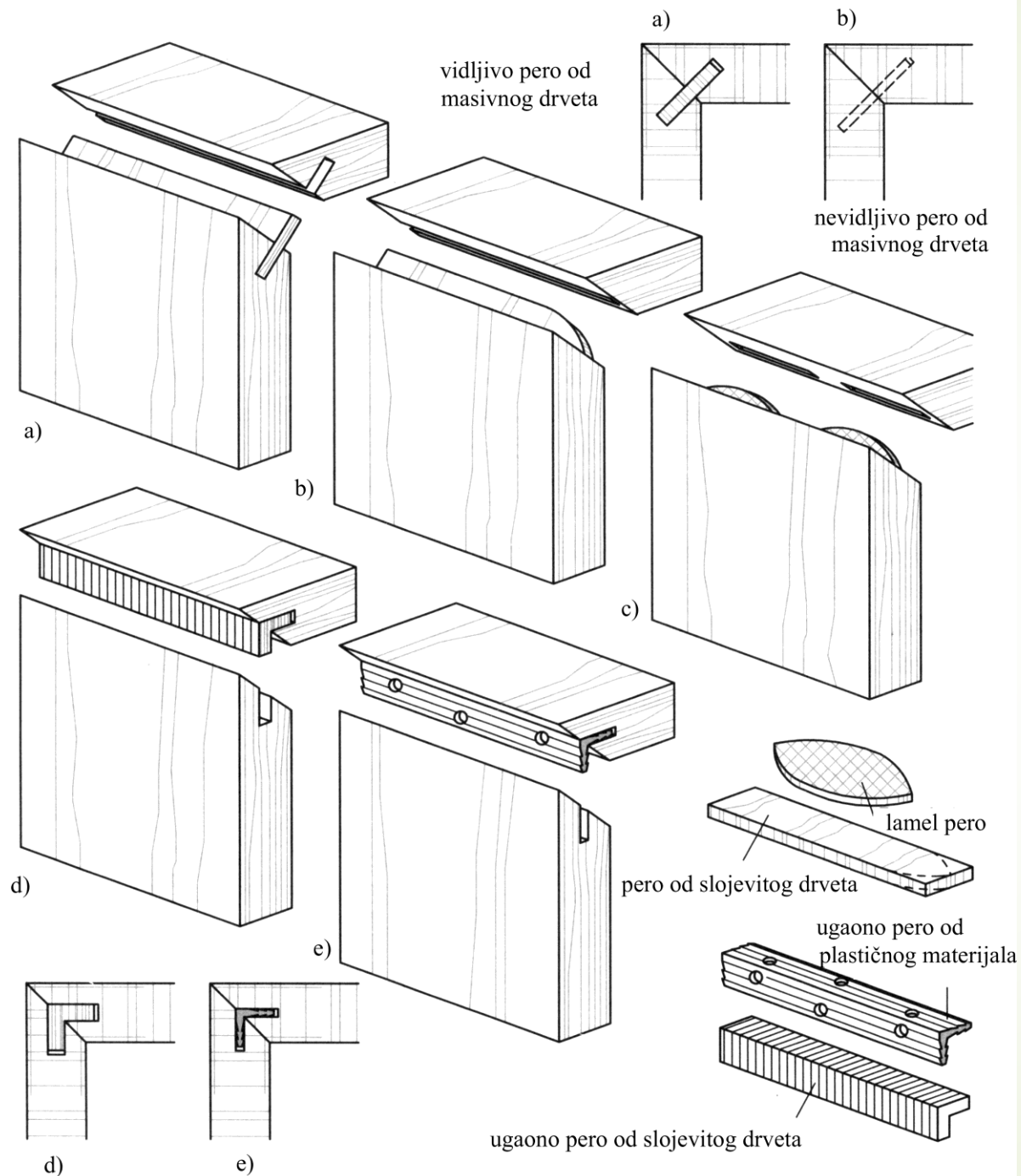
NAPOMENA:

- Spojevi primenljivi na elementima od masiva – m ;
- Spojevi primenljivi na elementima od ploča na bazi drveta – p



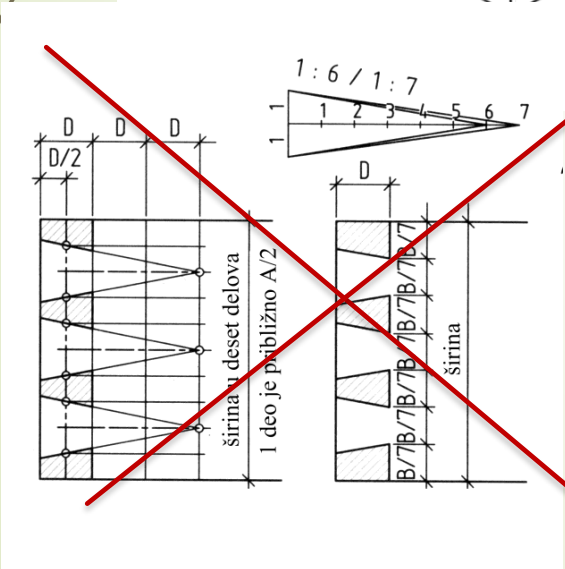
**Ugaoni korpusni
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na kosi sudar.**

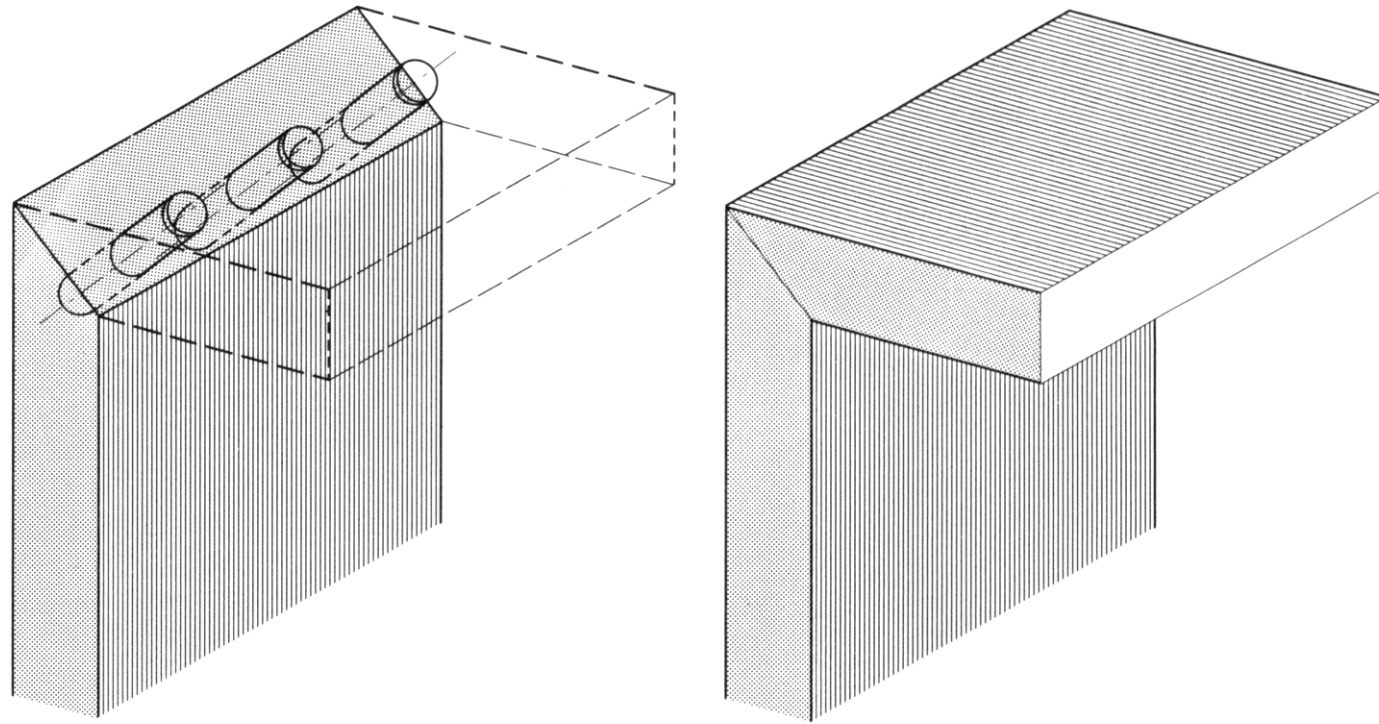
El.veze: p-k-p



Ugaoni korpusni spojevi sa umetnutim perom na kosi sudar

- a) Spoj sa perom od masivnog drveta.
- b) Spoj sa perom od masivnog drveta. Pero nevidljivo u spojenom stanju.
- c) Spoj sa lamel umetkom. Umetak ne vidljiv u spojenom stanju.
- d) Spoj sa ugaonim perom od slojevitog drveta.
- e) Spoj sa ugaonim perom od plastičnog materijala.





Ugaoni korpusni spojevi sa tiplovima na kosi sudar

FIKSNI SPOJEVI



Srednji „T“ spojevi

Ravan sudar

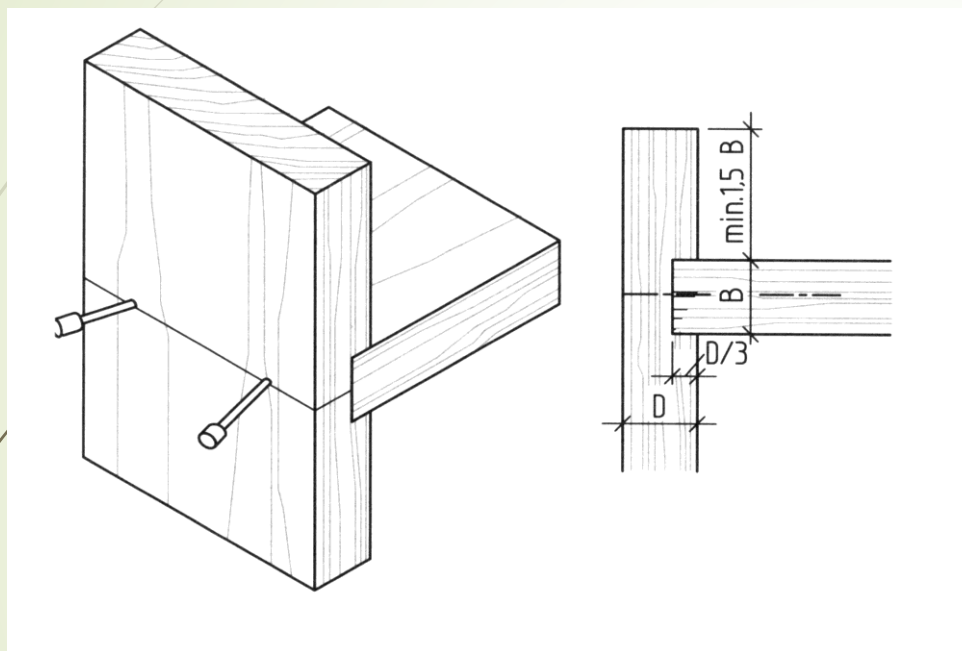
Srednji korpusni spojevi

- Srednji korpusni spojevi sa ekserima, ($m+p$)
- Srednji korpusni spojevi na pero i utor, ($m+sp$)
- Srednji korpusni spojevi na umetnuto pero, ($m+p$)
- Srednji korpusni spojevi na grat, ($m+sp$)
- Srednji korpusni spojevi sa tiplovima, ($m+p$)

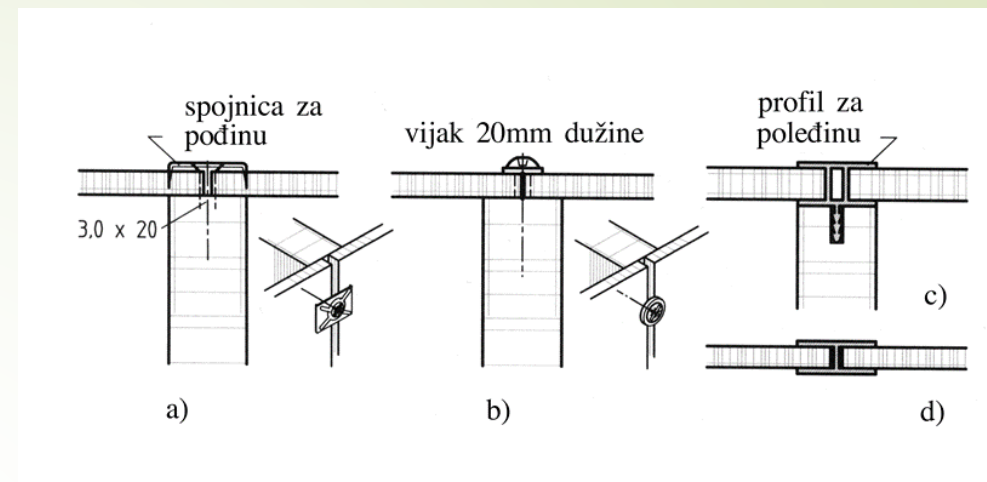


NAPOMENA:

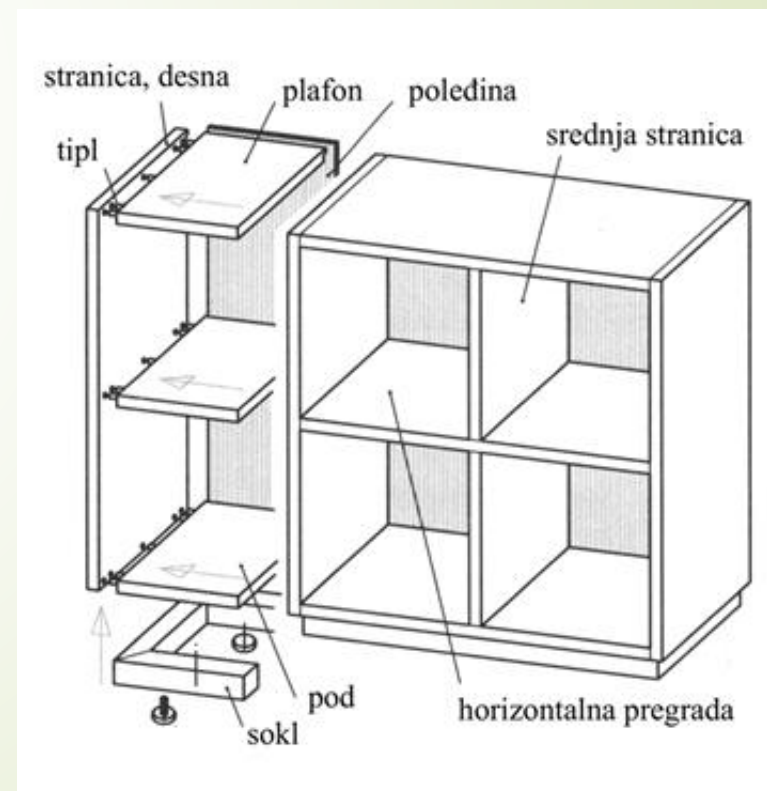
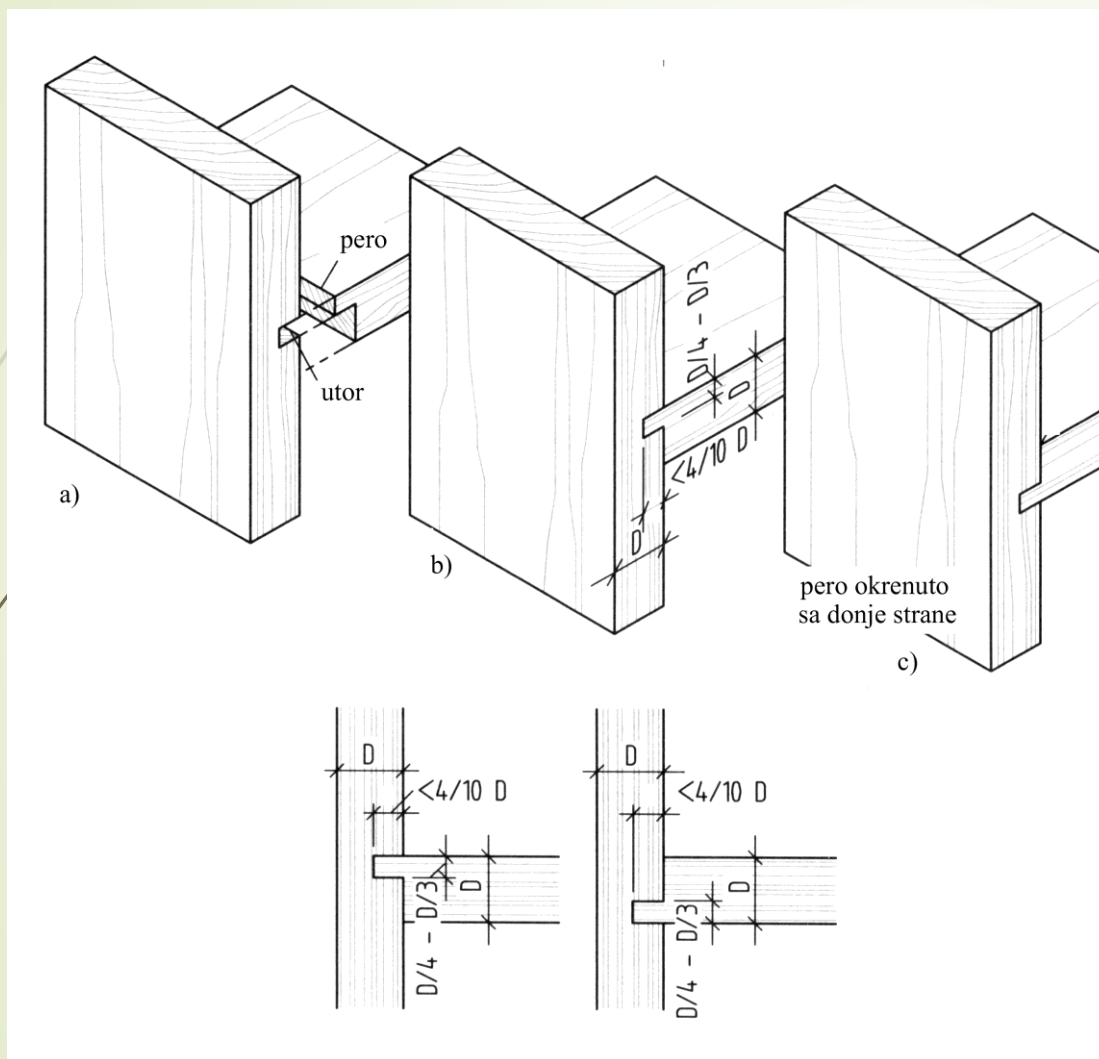
- Spojevi primenljivi na elementima od masiva – m ;
- Spojevi primenljivi na elementima od ploča na bazi drveta – p ;



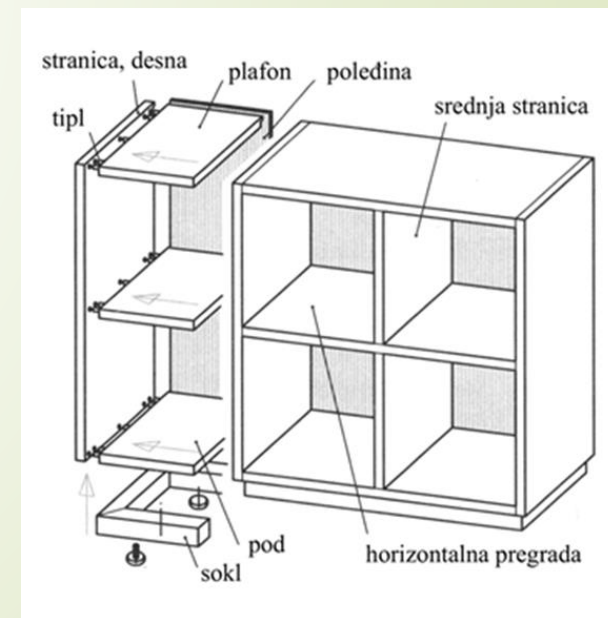
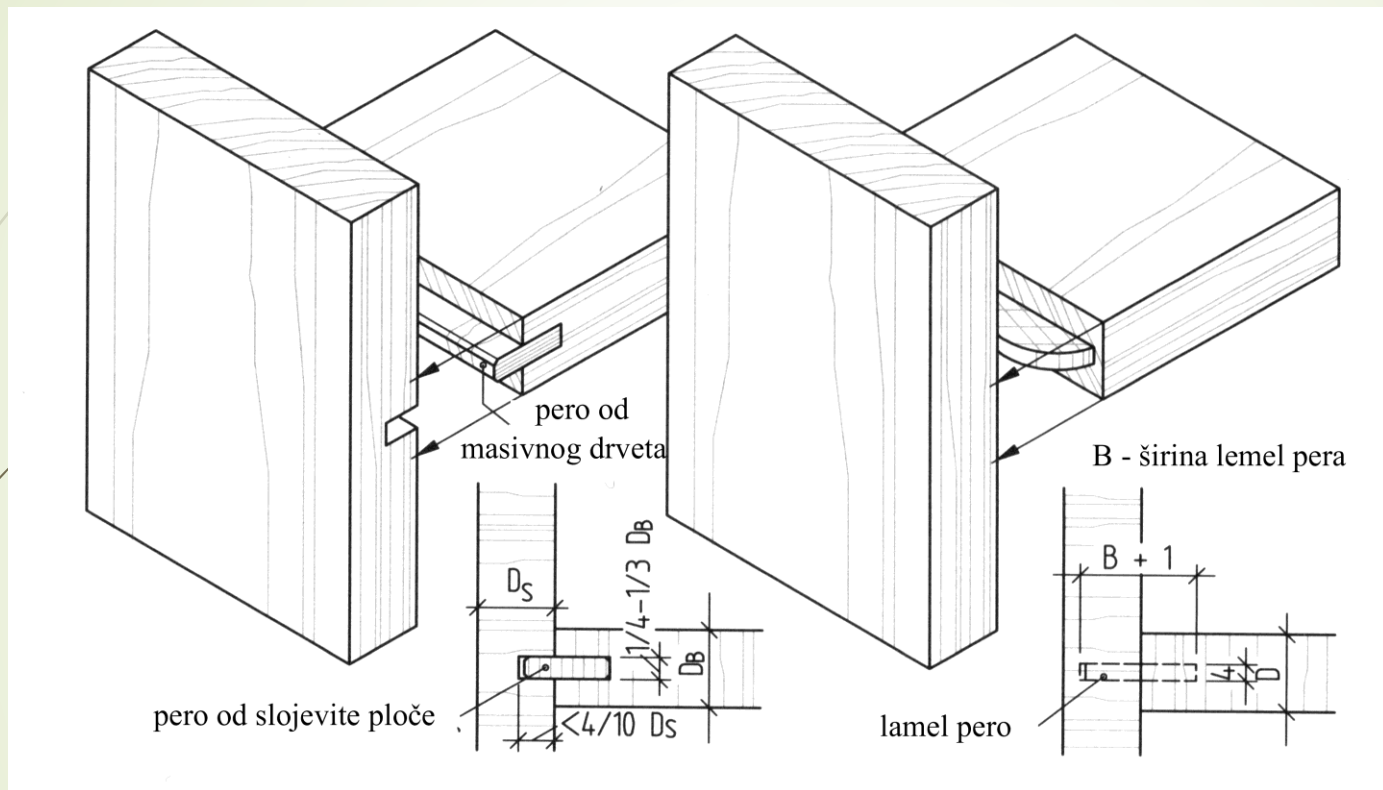
Srednji korpusni spoj sa ekserima

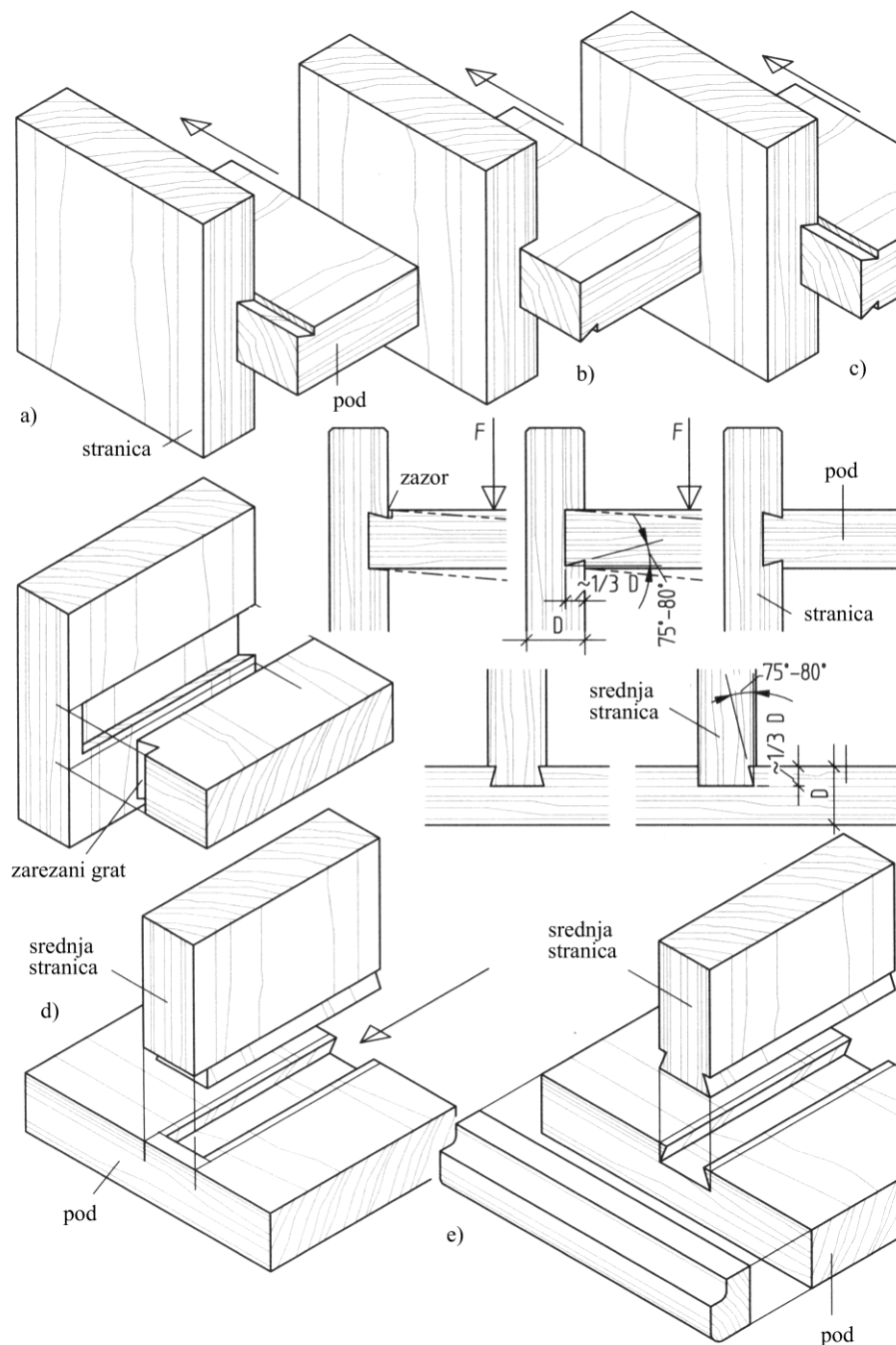


Srednji korpusni spojevi na pero i utor



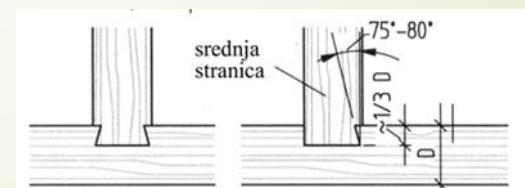
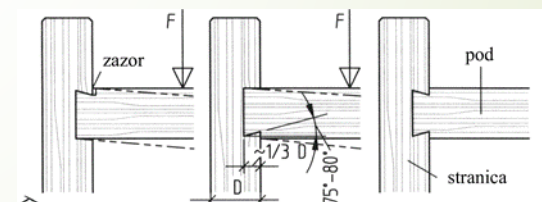
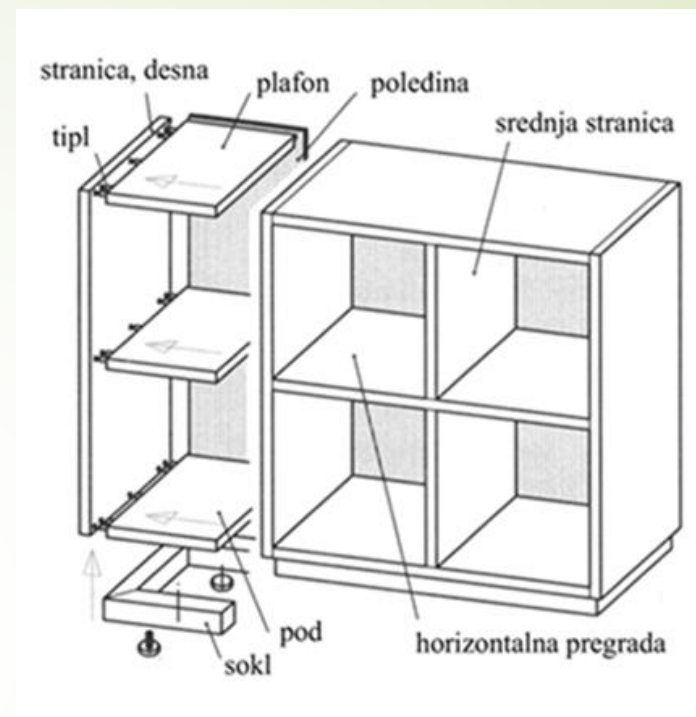
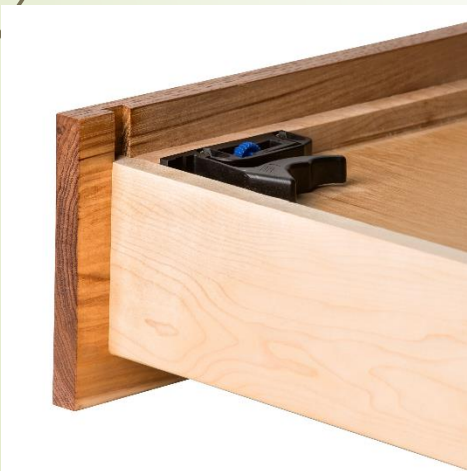
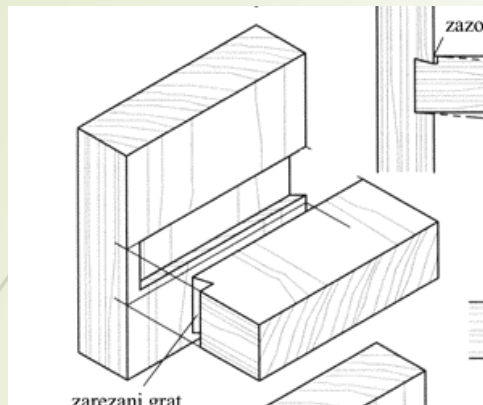
Srednji korpusni spojevi na umetnuto pero



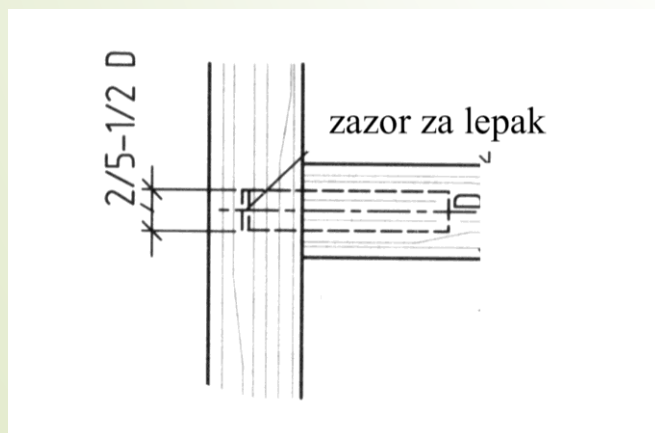
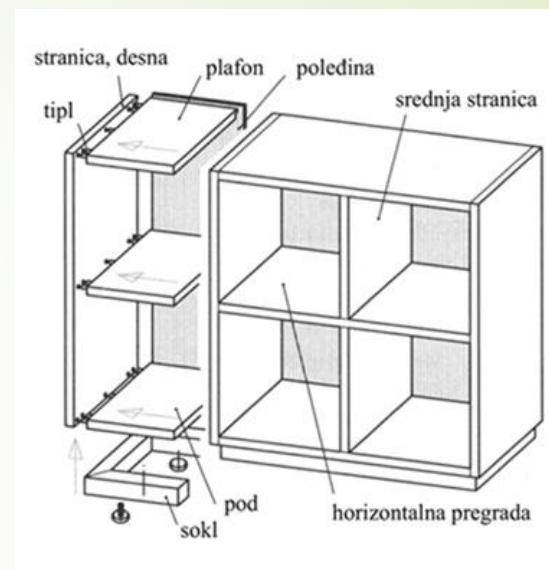
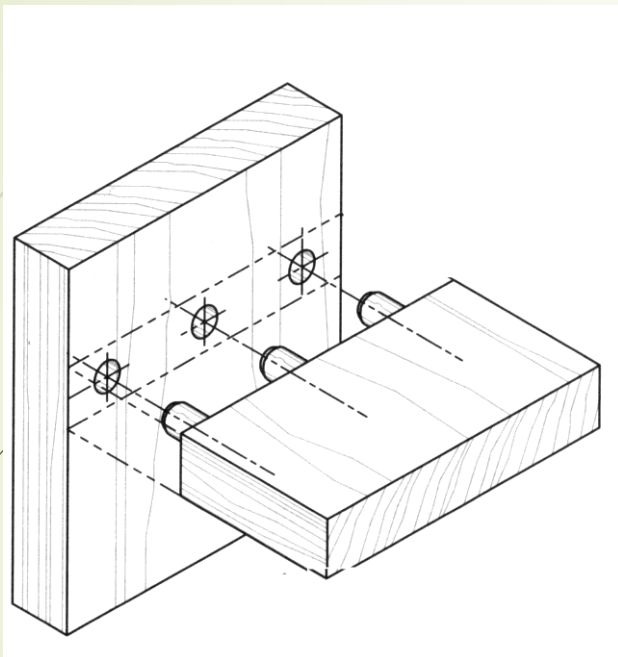


Srednji korpusni spojevi na grat

- Spajanje stranica i horizontalne pregrade sa jednostranim gratom na gornjoj strani pregrade.
- Spajanje stranica i horizontalne pregrade sa jednostranim gratom na donjoj strani pregrade.
- Spajanje stranica i horizontalne pregrade sa dvostranim gratom.
- Spajanje vertikalne pregrade i poda sa dvostranim gratom koji ne prolazi čitavom širinom poda.
- Spajanje vertikalne pregrade i poda sa dvostranim gratom. Spoj maskiran rubnom profilisanom letvicom.



Srednji korpusni spojevi sa tiplovima



MONTAŽNO- DEMONTAŽNI SPOJEVI



Razlozi uvođenja/razvitka m/d spojeva

- **Niži transportni troškovi - k_v**

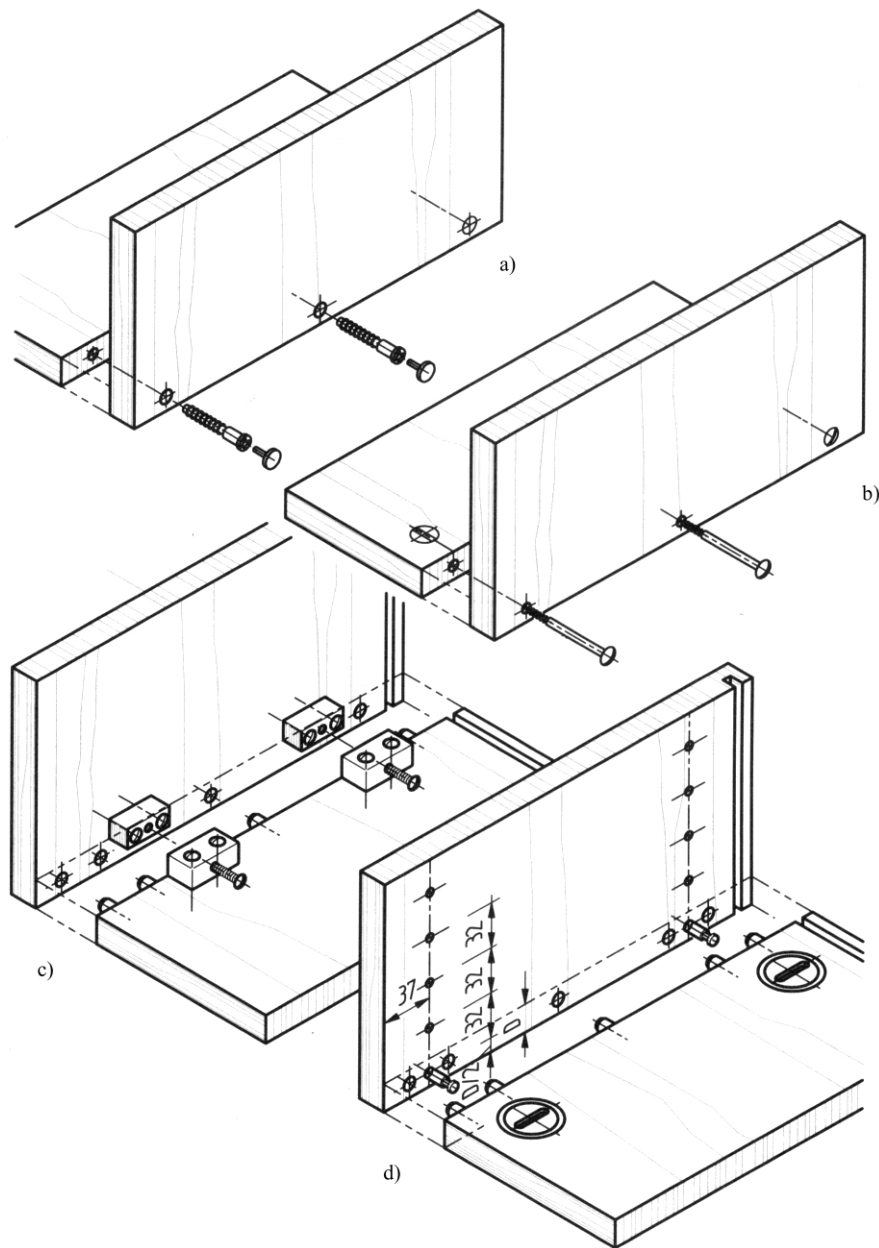


MONTAŽNO-DEMONTAŽNI SPOJEVI



Ugaoni „L“ spojevi

Ravan sudar



a) Ugaoni korpusni spoj sa vijkom

b) Ugaoni korpusni spoj sa
poprečnom maticom i vidljivim
vijkom

c) Ugaoni korpusni trapez spoj

d) Ugaoni korpusni sopjevi sa
ekscentar kućištem.

NAPOMENA



- Uz svaki m/d okov, osim spoja sa vijkom, ide i „suvi tipl“

Prečnici tiplova: $d = 6, 8, 10, 12\text{mm}$;

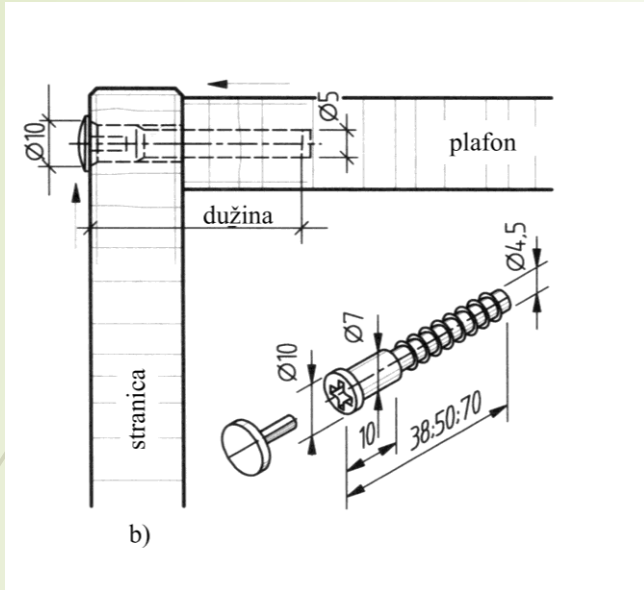
Dužina tiplova: $l = 25, 30, 35, 40\text{mm}$;

Rastojanje između el.veze $< 200\text{mm}$

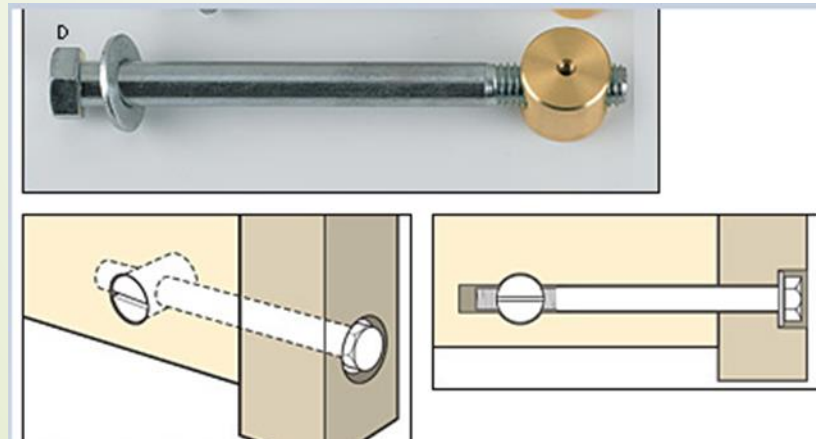
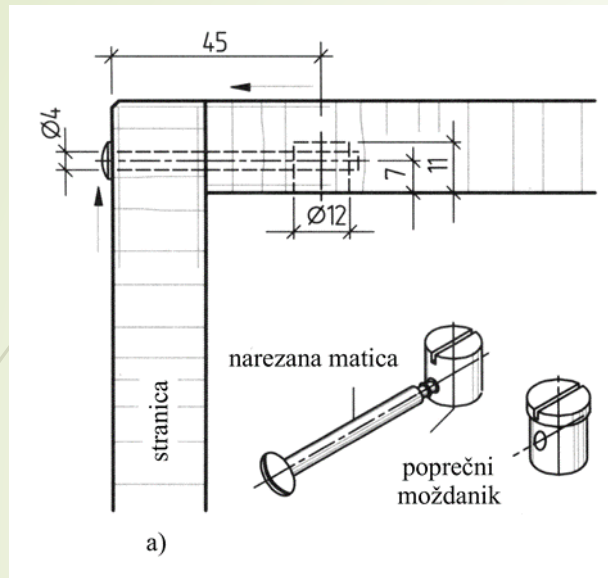
Sistem 32



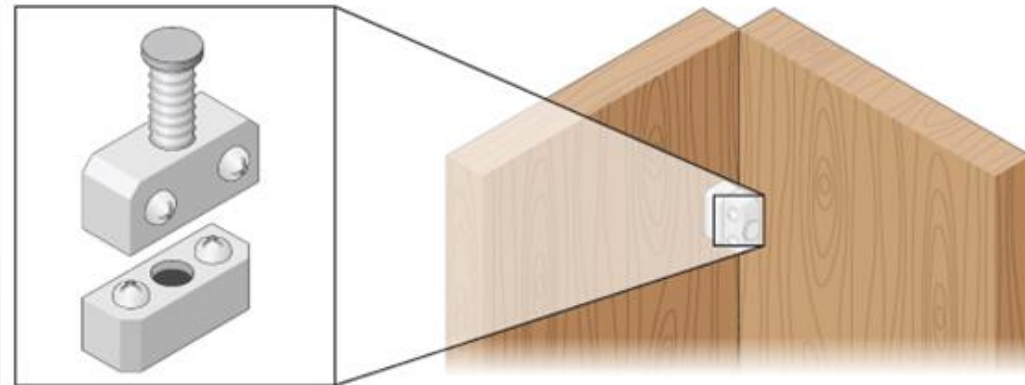
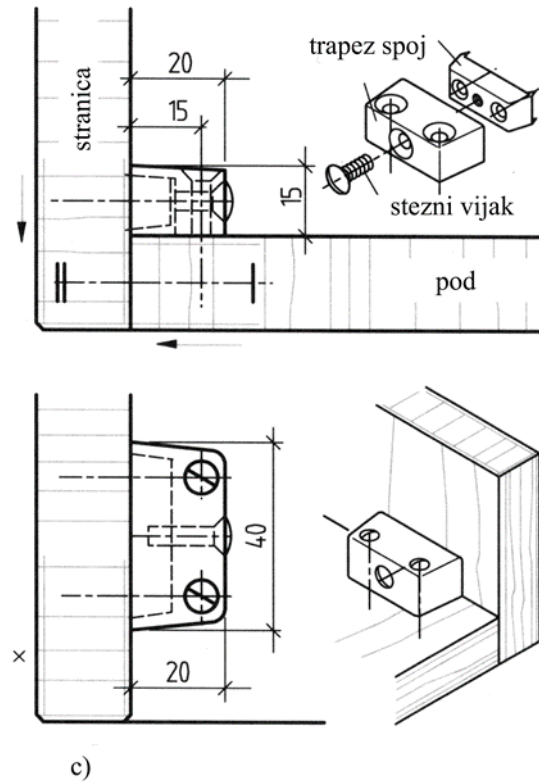
Ugaoni korpusni spoj sa vijkom

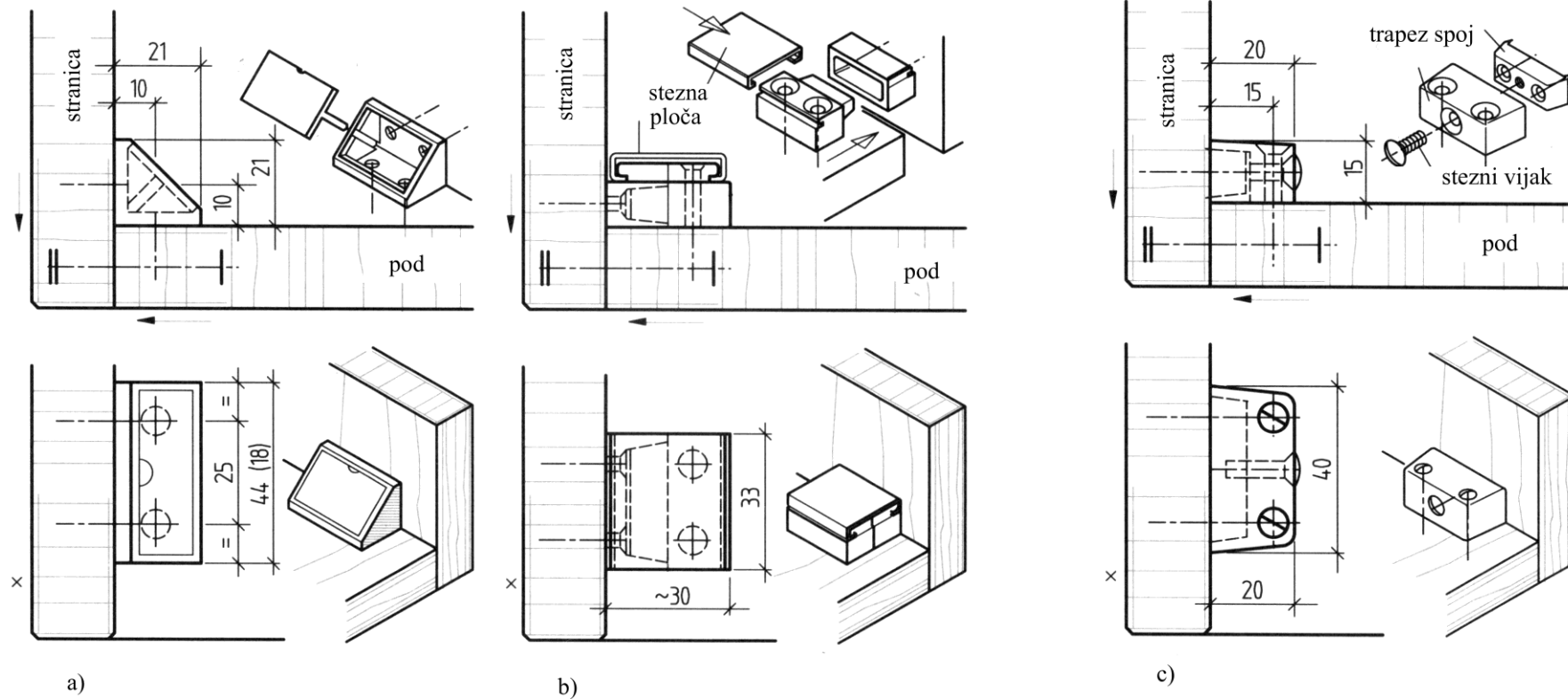


Ugaoni korpusni spoj sa poprečnom maticom i vidljivim vijkom



Ugaoni korpusni trapez spoj

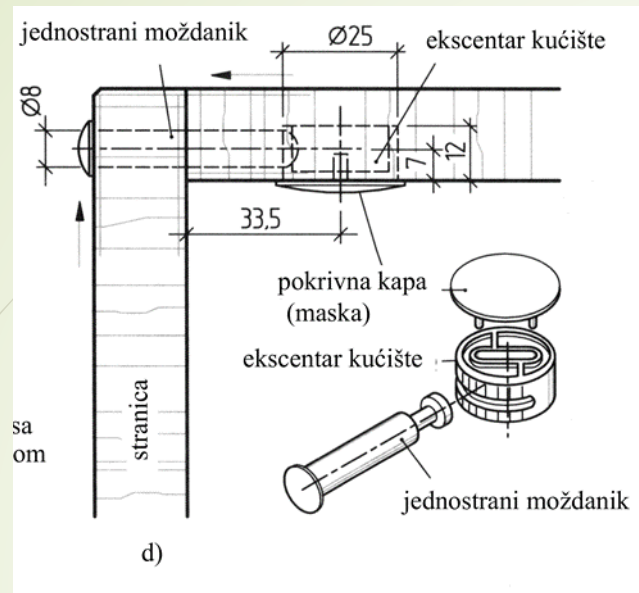




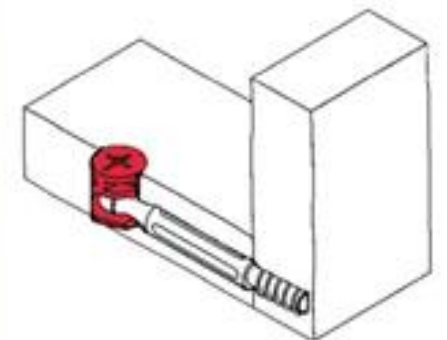
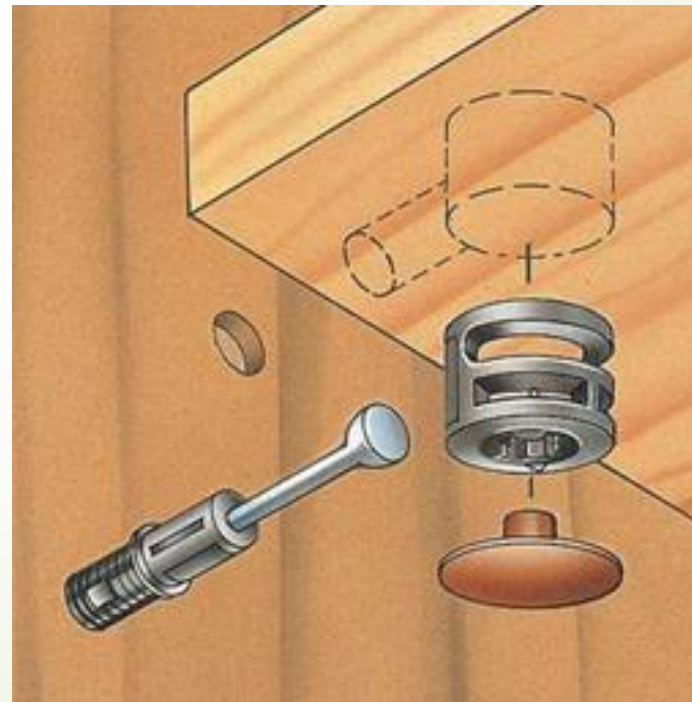
a) Ugaonik od plastičnog materijala pričvršćen vijcima za pod i stranicu. Spoj pokriven maskom.

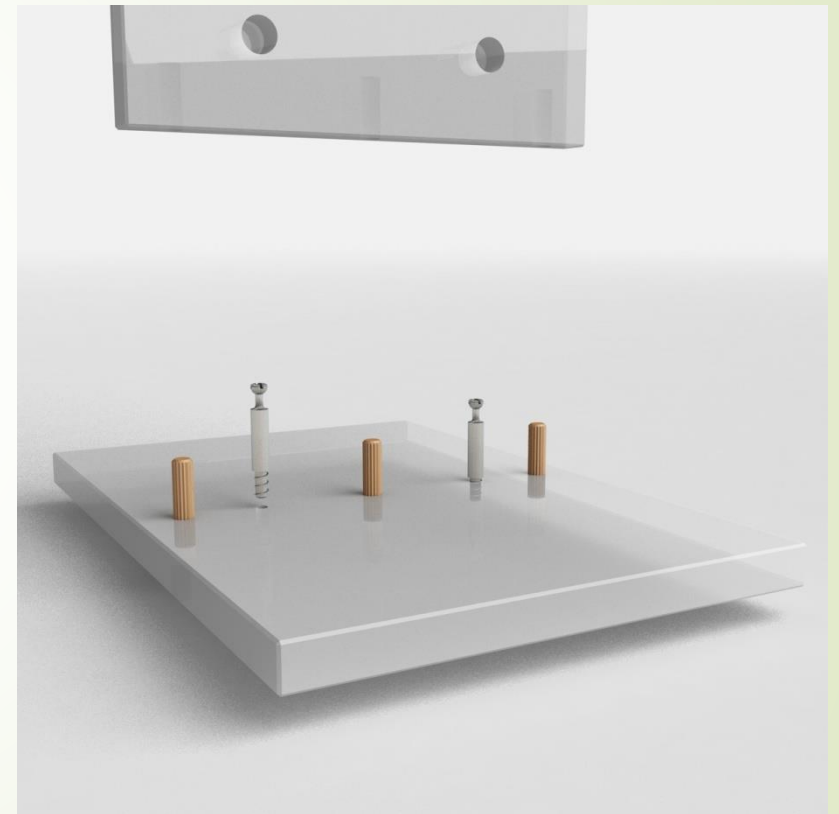
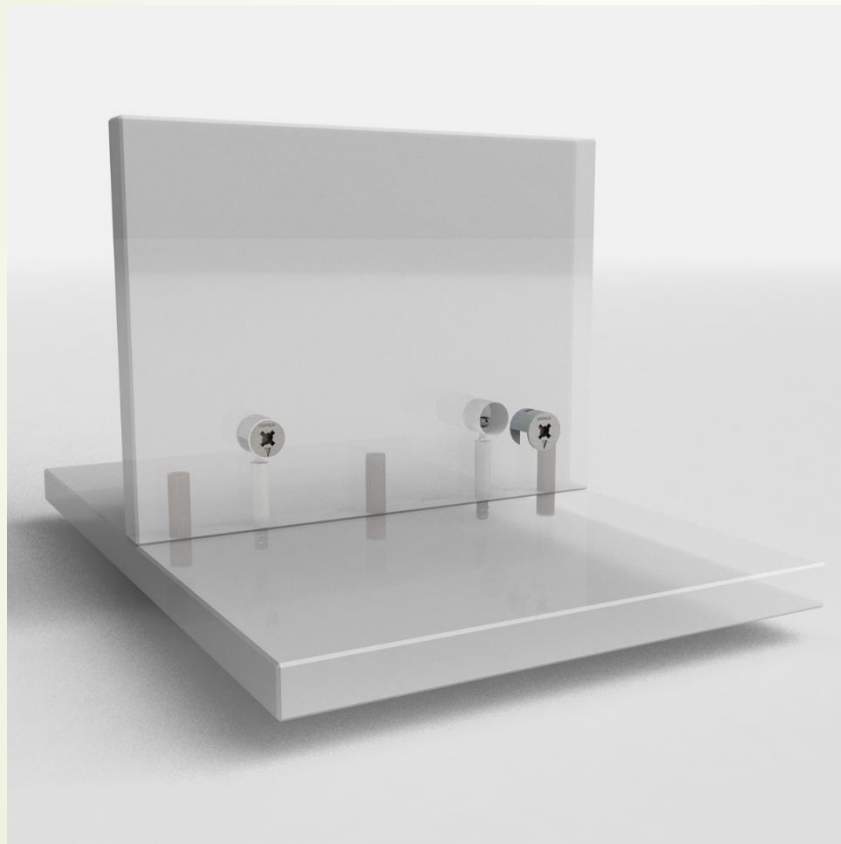
b) Ugaoni dvodelni spoj pričvršćen vijcima za pod i stranicu. Delovi međusobno spojeni steznom pločom.

c) Trapez spoj pričvršćen vijcima za pod i stranicu.



Ugaoni korpusni sopjevi sa ekscentar kućištem





MONTAŽNO- DEMONTAŽNI SPOJEVI



Ugaoni „L“ spojevi
kosi sudar

