

## KOMPOZICIJA VOTKOVNIH PLETIV PONOVI TEV za R.O.P.

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## VOTKOVNE VEZAVE

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### VOTKOVNE VEZAVE

- ☺ **enonitni sistem**
  - ☺ več niti/navitkov/pletilnih sistemov za povečanje produktivnosti
- ☺ zapletanje niti v **vodoravni smeri**
  - ☺ smer votka = votkovno pletivo
- ☺ vzorčenje
  - ☺ **barvno**
    - ☺ dovajanje različnih barvnih ali efektnih niti
  - ☺ **strukturno**
    - ☺ kombinacija elementov strukture (zank, petelj...)
    - ☺ vgradnja elastanskih niti
    - ☺ kombinacija različnih niti (različna debelina, različni efekti)
- ☺ strojne vzorčne naprave
- ☺ izbira igel

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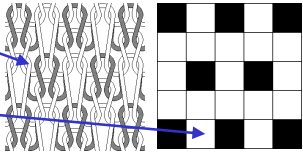
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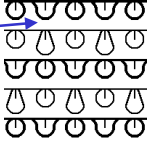
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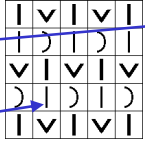
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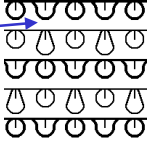
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☺ **simbolni prikaz** votkovnih vezav

☺ zančna slika 

☺ vzorčna patrona 

☺ polaganje niti na igle  
☺ horizontalni zapis 

☺ tehnična patrona 

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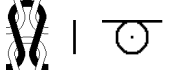
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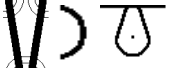
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desna zanka 

leva zanka 

dolga desna zanka 

dolga leva zanka 

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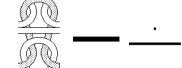
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založena leva zanka 

desna lovilna petlja 

leva lovilna petlja 

platirana zanka 

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## LEVO-DESNE VEZAVE

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### LEVO-DESNE VEZAVE

#### lastnosti enostavnega levo-desnega pletiva:

- ☺ na vsaki strani le ena vrsta zank
  - ☺ na tehničnem licu **desne zanke**
  - ☺ na tehničnem hrbtu **leve zanke**
- ☺ pleteno na **enofonturnem stroju** ali na eni igelnici pletilnega stroja
- ☺ **gladka površina tehničnega lica** (desne zanke)
- ☺ **hrapava površina tehničnega hrbta** (leve zanke)
- ☺ **raztegljivo pletivo**, ni pa vedno elastično (odvisno od surovine)
- ☺ v prečni smeri večja razteznost kot v vzdolžni
- ☺ **vihanje spodnjega in zgornjega robu** na lice (desno stran) pletiva
- ☺ **vihanje stranskih robov** na hrbet (levo stran) pletiva
- ☺ **paranje** v nasprotni smeri pletenja
- ☺ paranje tudi v smeri pletenja na spodnjem robu
- ☺ debelina pletiva = približno dve debelini niti

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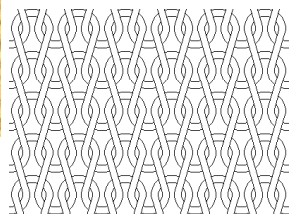
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### ENOSTAVNO LEVO-DESNO PLETIVO

- ☺ enobarvno pletivo-lice



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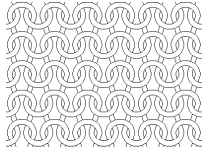
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**ENOSTAVNO LEVO-DESNO PLETIVO**

☺ enobarvno pletivo-hrbet

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∩	∩	∩	∩	∩
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**ENOSTAVNO LEVO-DESNO PLETIVO**

☺ črtasto 1x1 pletivo-lice




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**ENOSTAVNO LEVO-DESNO PLETIVO**

☺ črtasto 1x1 pletivo-hrbet

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**ENOSTAVNO LEVO-DESNO PLETIVO**

© črtasto 2x2 pletivo-lice

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**ENOSTAVNO LEVO-DESNO PLETIVO**

© črtasto 2x2 pletivo-hrbet

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**ENOSTAVNO LEVO-DESNO PLETIVO**

© poljubno črtasto pletivo

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**ZALOŽENO LEVO-DESNO PLETIVO**

☺ zanke  
 ☺ dolge zanke  
 ☺ založene niti



☺ **založena nit**

- ☺ igla zadrži staro zanko
- ☺ igle se ne dvigne v položaj za pletenje
- ☺ zadržana zanka postane dolga zanka
- ☺ v naslednji zankni vrsti je zadržana zanka zapletena
- ☺ založena nit visi na hrbtu pletiva

☺ **tehnična patrona – rišemo hrbtno stran založenega pletiva**

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☺ **levo-desno založeno pletivo**

- ☺ pleteno na enofonturnih strojih
- ☺ tehnično lice: desne zanke + dolge desne zanke
- ☺ tehnični hrbet: leve zanke + dolge leve zanke + založene niti
- ☺ tehnični hrbet: pletivo ima videz tkanine zaradi prečnih visečih niti – založenih niti
- ☺ založene niti se natikajo
- ☺ založeno pletivo je zaradi visečih niti debelejšje od enostavnega levo-desnega pletiva
- ☺ založeno pletivo je zaradi visečih niti omejeno raztezno po širini



založene niti

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**ZALOŽENO LEVO-DESNO PLETIVO**

enobaravno pletivo: ponarejena rebra-lice




rebra

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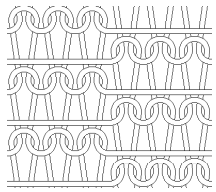
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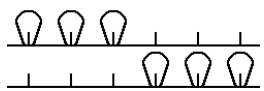
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**ZALOŽENO LEVO-DESNO PLETIVO**  
 enobaravno pletivo: ponarejena rebra-hrbet

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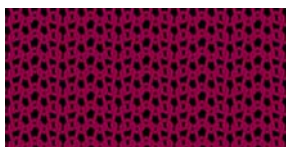

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ponarejena rebra 3x3 - simulacija

ponarejena rebra 5x5 - simulacija

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**ZALOŽENO LEVO-DESNO PLETIVO**  
 enobaravno pletivo: ptičje oko-lice




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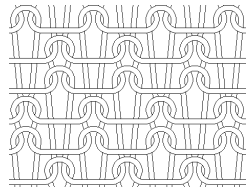
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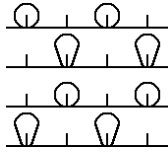
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**ZALOŽENO LEVO-DESNO PLETIVO**  
 enobarvno pletivo: ptičje oko-hrbet

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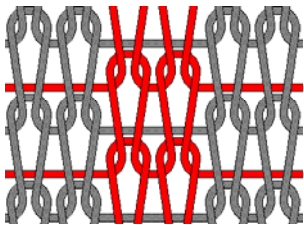
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**ZALOŽENO LEVO-DESNO PLETIVO**  
 večbarvno pletivo: navpično črtasto pletivo (enojna gostota)-lice

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vzorčna patrona

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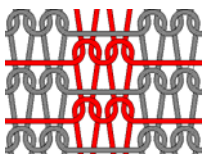
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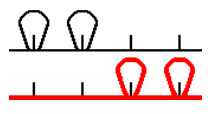
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**ZALOŽENO LEVO-DESNO PLETIVO**  
 večbarvno pletivo: navpično črtasto pletivo (enojna gostota)-hrbet

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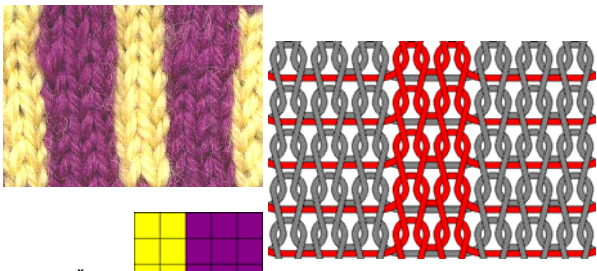
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**ZALOŽENO LEVO-DESNO PLETIVO**  
 večbarvno pletivo: navpično črtasto pletivo (dvojna gostota)-lice



vzorčna patrona



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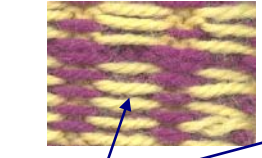
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**ZALOŽENO LEVO-DESNO PLETIVO**  
 večbarvno pletivo: navpično črtasto pletivo (dvojna gostota)-hrbet



učinek ponarejenih reber



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**ZALOŽENO LEVO-DESNO PLETIVO**  
 večbarvno pletivo: drobno vzorčasto (pikčasto)-lice



vzorčna patrona



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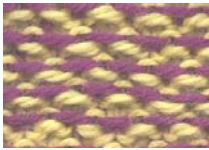
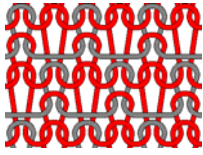
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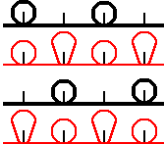
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**ZALOŽENO LEVO-DESNO PLETIVO**  
 večbarvno pletivo: drobno vzorčasto (pikčasto)-hrbet

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↷	↷	↷	↷
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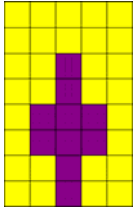
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**ZALOŽENO LEVO-DESNO PLETIVO**  
 večbarvno pletivo: enofonturni žakar (majhen raport)-lice



vzorčna patrona



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**ZALOŽENO LEVO-DESNO PLETIVO**  
 večbarvno pletivo: enofonturni žakar (majhen raport)-hrbet



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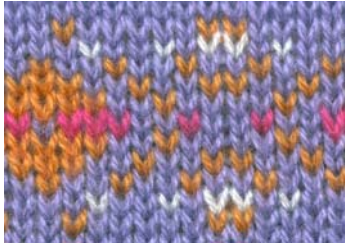
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**ZALOŽENO LEVO-DESNO PLETIVO**

večbarvno pletivo: enofonturni žakar (velik raport)-lice



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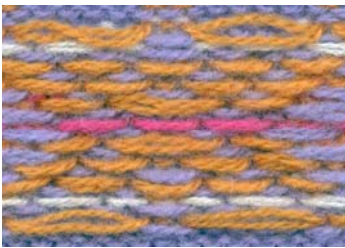
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**ZALOŽENO LEVO-DESNO PLETIVO**

večbarvno pletivo: enofonturni žakar (velik raport)-hrbet



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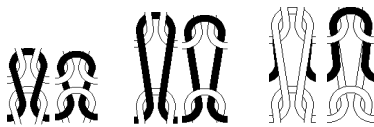
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**LOVILNO LEVO-DESNO PLETIVO**

☺ zanke

☺ dolge zanke

☺ lovilne petlje



☺ lovilna petlja

- ☺ igla zadrži staro zanko
- ☺ na iglo je položena nova nit
- ☺ položena nit je kulirana v lovilno petljo in ni zapletena
- ☺ zadržana zanka postane dolga zanka
- ☺ v naslednji zančni vrsti sta lovilna petlja in zadržana zanka skupaj zapleteni

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**☺ levo-desno lovilno pletivo**

- ☺ pleteno na enofonturnih strojih
- ☺ tehnično lice: desne zanke + dolge desne zanke
- ☺ tehnični hrbet: leve zanke + dolge leve zanke + kraki lovilnih petelj
- ☺ tehniči hrbet: stran pletiva ima vozlast videz, ki v nekaterih primerih spominja na satovje
- ☺ lovilno pletivo je debelejše od enostavnega LD pletiva
- ☺ lovilno pletivo je precej raztezno v prečni smeri



dolga zanka

kratka zanka

lovilna petlja

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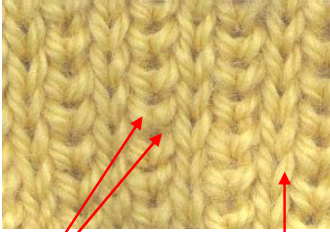
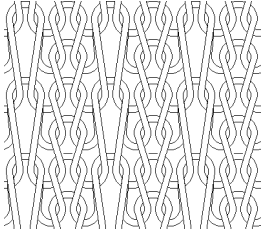
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**LOVILNO LEVO-DESNO PLETIVO**

enobarvno pletivo: pollovilno pletivo-lice

kratki zanki:  
različno zategnjeni

dolga zanka

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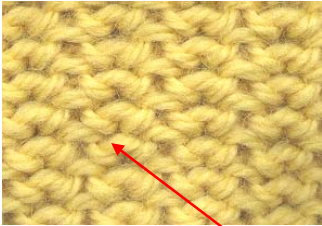
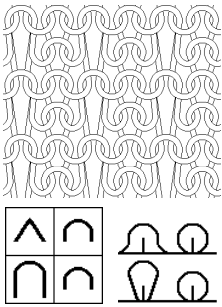
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**LOVILNO LEVO-DESNO PLETIVO**

enobarvno pletivo: pollovilno pletivo-hrbet

lovilna petlja

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**LOVILNO LEVO-DESNO PLETIVO**  
 vzorčasto pletivo: črtasto pollovilno pletivo-lice



kratki zanki: različno zategnjeni  
 dolga zanka  
 dolga zanka odvzame del niti kratki zanki – ta se zategne  
 vzorčna patrona

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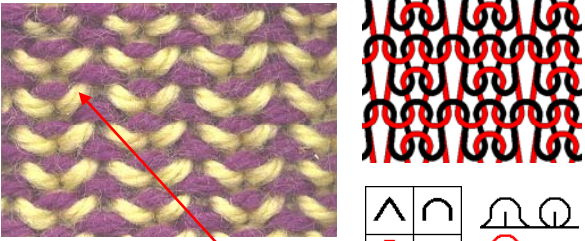
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**LOVILNO LEVO-DESNO PLETIVO**  
 vzorčasto pletivo: črtasto pollovilno pletivo-hrbet



lovilna petlja

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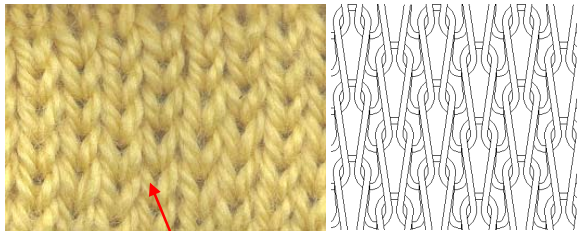
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**LOVILNO LEVO-DESNO PLETIVO**  
 enobaravno pletivo: lovilno pletivo-lice



dolga zanka

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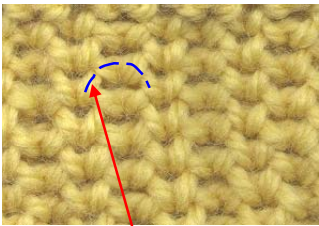
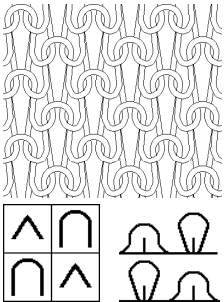
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**LOVILNO LEVO-DESNO PLETIVO**  
 enobaravno pletivo: lovilno pletivo-hrbet

lovilna petlja

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**LOVILNO LEVO-DESNO PLETIVO**  
 vzorčasto pletivo: navpično črtasto lovilno pletivo-lice




dolge zanke

dovajanje niti = 1 : 1

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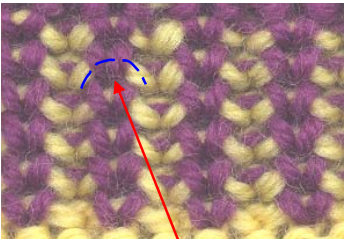
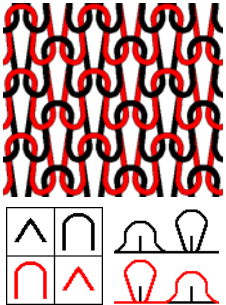
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**LOVILNO LEVO-DESNO PLETIVO**  
 vzorčasto pletivo: navpično črtasto lovilno pletivo-hrbet

lovilna petlja

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**LOVILNO LEVO-DESNO PLETIVO**  
 vzorčasto pletivo: drobno vzorčasto lovilno pletivo-lice



dovajanje niti = 2 : 2

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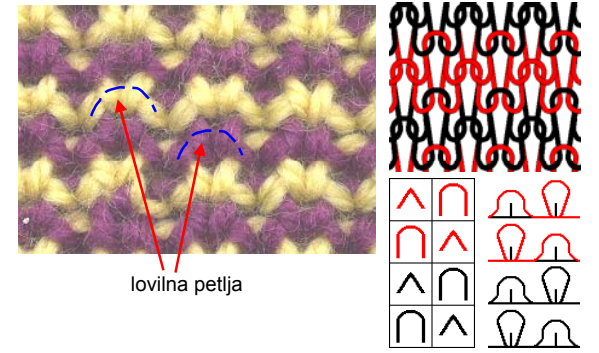
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**LOVILNO LEVO-DESNO PLETIVO**  
 vzorčasto pletivo: drobno vzorčasto lovilno pletivo-hrbet



lovilna petlja

44

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**LOVILNO LEVO-DESNO PLETIVO**  
 enobaravno pletivo: enojni piké-lice



nagubana licna površina

45

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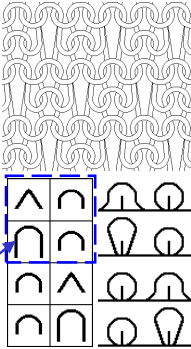
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**LOVILNO LEVO-DESNO PLETIVO**  
 enobaravno pletivo: enojni piké-hrbet



nemirna hrbtna površina  
 izpeljanka pollovilnega pletiva



46

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**LOVILNO LEVO-DESNO PLETIVO**  
 vzorčasto pletivo: pikčasti enojni piké-lice



vzorčna patrona




47

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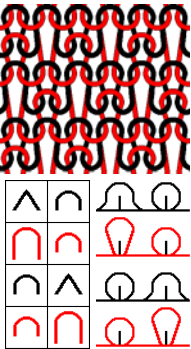
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**LOVILNO LEVO-DESNO PLETIVO**  
 vzorčasto pletivo: pikčasti enojni piké-hrbet



dovajanje niti = 1 : 1



48

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**LOVILNO LEVO-DESNO PLETIVO**  
 enobaravno pletivo: dvojni piké-lice

nagubana licna površina  
 zanka trojne dolžine

49

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**LOVILNO LEVO-DESNO PLETIVO**  
 enobaravno pletivo: dvojni piké-hrbet

značilna satasta hrbtna površina

50

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**LOVILNO LEVO-DESNO PLETIVO**  
 enobaravno pletivo: krep-lice

lovilne petlje

51

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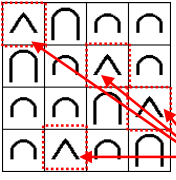

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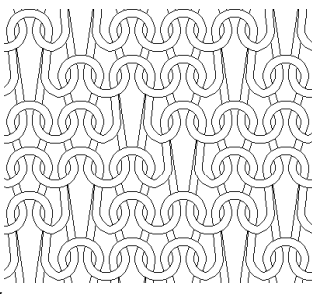
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**LOVILNO LEVO-DESNO PLETIVO**  
enobaravno pletivo: krep-hrbet



teško določljiv raport



52

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krep



dvojne lovilne petlje

53

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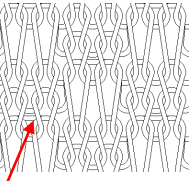
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**LOVILNO LEVO-DESNO PLETIVO**  
enobaravno pletivo: dvoigelni keper-lice



dvoigelna lovilna petlja



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