



◀ WZÓR GWOŹDZIA AŻUROWEGO  
EXAMPLE OF THE OPENWORK NAIL

*Poliet nr 1 ps. 1 ÷ 6*

### DOSTĘPNE ODMIANY GWOŹDZI / AVAILABLE TYPES OF NAILS

| Pierwszy człon numeru katalogowego<br>First part of REF No. | Odmiany gwoździ / Types of nails                            |
|-------------------------------------------------------------|-------------------------------------------------------------|
| 1                                                           | tytan / titanium                                            |
| 2                                                           | tytan kaniulowany / cannulated titanium                     |
| 3                                                           | Stalowe lite / Steel solid nails                            |
| 4                                                           | stal kaniulowana / cannulated steel                         |
| 5                                                           | stal kaniulowana + DLC / stainless steel + DLC              |
| 6                                                           | Ażurowe / openwork nails                                    |
| 11                                                          | tytan + DLC / titanium + DLC                                |
| 21                                                          | tytan lity pokryty Si-DLC / titanium + Si-DLC               |
| 22                                                          | tytan kaniulowany Si-DLC / cannulated titanium + Si-DLC     |
| 23                                                          | stal lita pokryta Si-DLC / steel + Si-DLC                   |
| 24                                                          | stal kaniulowana pokryta Si-DLC / cannulated steel + Si-DLC |

**GWÓDŹ DO KOŚCI RAMIENNEJ**  
**HUMERAL NAIL**

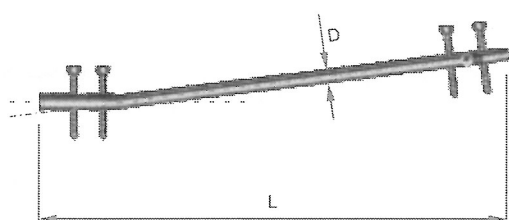
Śruba kompresyjna  
Compression screw  
X-07-96-05

Wkręty blokujące  
samogwintujące  $\varnothing 4,5$  mm  
dł. 26-60 mm  
Self tapping locking screws  
X-01-86-xx

Śruby zaślepiające  
End caps

*Poliet m 1 pr. 12*

| Rozmiar<br>Size | REF        |
|-----------------|------------|
| 0               | X-07-95-30 |
| +5              | X-07-95-31 |
| +10             | X-07-95-32 |
| +15             | X-07-95-33 |
| +20             | X-07-95-34 |
| +25             | X-07-95-35 |
| +30             | X-07-95-36 |



| L (mm) | D=8mm       | D=9mm       | D=10mm      | D=11mm      | D=12mm      |
|--------|-------------|-------------|-------------|-------------|-------------|
| 180    | X-09-01-180 | X-09-02-180 | X-09-03-180 | X-09-04-180 | X-09-05-180 |
| 185    | X-09-01-185 | X-09-02-185 | X-09-03-185 | X-09-04-185 | X-09-05-185 |
| 190    | X-09-01-190 | X-09-02-190 | X-09-03-190 | X-09-04-190 | X-09-05-190 |
| 195    | X-09-01-195 | X-09-02-195 | X-09-03-195 | X-09-04-195 | X-09-05-195 |
| 200    | X-09-01-200 | X-09-02-200 | X-09-03-200 | X-09-04-200 | X-09-05-200 |
| 205    | X-09-01-205 | X-09-02-205 | X-09-03-205 | X-09-04-205 | X-09-05-205 |
| 210    | X-09-01-210 | X-09-02-210 | X-09-03-210 | X-09-04-210 | X-09-05-210 |
| 215    | X-09-01-215 | X-09-02-215 | X-09-03-215 | X-09-04-215 | X-09-05-215 |
| 220    | X-09-01-220 | X-09-02-220 | X-09-03-220 | X-09-04-220 | X-09-05-220 |
| 225    | X-09-01-225 | X-09-02-225 | X-09-03-225 | X-09-04-225 | X-09-05-225 |
| 230    | X-09-01-230 | X-09-02-230 | X-09-03-230 | X-09-04-230 | X-09-05-230 |
| 235    | X-09-01-235 | X-09-02-235 | X-09-03-235 | X-09-04-235 | X-09-05-235 |
| 240    | X-09-01-240 | X-09-02-240 | X-09-03-240 | X-09-04-240 | X-09-05-240 |
| 245    | X-09-01-245 | X-09-02-245 | X-09-03-245 | X-09-04-245 | X-09-05-245 |
| 250    | X-09-01-250 | X-09-02-250 | X-09-03-250 | X-09-04-250 | X-09-05-250 |
| 255    | X-09-01-255 | X-09-02-255 | X-09-03-255 | X-09-04-255 | X-09-05-255 |
| 260    | X-09-01-260 | X-09-02-260 | X-09-03-260 | X-09-04-260 | X-09-05-260 |
| 265    | X-09-01-265 | X-09-02-265 | X-09-03-265 | X-09-04-265 | X-09-05-265 |
| 270    | X-09-01-270 | X-09-02-270 | X-09-03-270 | X-09-04-270 | X-09-05-270 |
| 275    | X-09-01-275 | X-09-02-275 | X-09-03-275 | X-09-04-275 | X-09-05-275 |
| 280    | X-09-01-280 | X-09-02-280 | X-09-03-280 | X-09-04-280 | X-09-05-280 |
| 285    | X-09-01-285 | X-09-02-285 | X-09-03-285 | X-09-04-285 | X-09-05-285 |
| 290    | X-09-01-290 | X-09-02-290 | X-09-03-290 | X-09-04-290 | X-09-05-290 |
| 295    | X-09-01-295 | X-09-02-295 | X-09-03-295 | X-09-04-295 | X-09-05-295 |
| 300    | X-09-01-300 | X-09-02-300 | X-09-03-300 | X-09-04-300 | X-09-05-300 |
| 310    | X-09-01-310 | X-09-02-310 | X-09-03-310 | X-09-04-310 | X-09-05-310 |
| 320    | X-09-01-320 | X-09-02-320 | X-09-03-320 | X-09-04-320 | X-09-05-320 |
| 330    | X-09-01-330 | X-09-02-330 | X-09-03-330 | X-09-04-330 | X-09-05-330 |
| 340    | X-09-01-340 | X-09-02-340 | X-09-03-340 | X-09-04-340 | X-09-05-340 |
| 350    | X-09-01-350 | X-09-02-350 | X-09-03-350 | X-09-04-350 | X-09-05-350 |
| 360    | X-09-01-360 | X-09-02-360 | X-09-03-360 | X-09-04-360 | X-09-05-360 |
| 370    | X-09-01-370 | X-09-02-370 | X-09-03-370 | X-09-04-370 | X-09-05-370 |
| 380    | X-09-01-380 | X-09-02-380 | X-09-03-380 | X-09-04-380 | X-09-05-380 |
| 390    | X-09-01-390 | X-09-02-390 | X-09-03-390 | X-09-04-390 | X-09-05-390 |
| 400    | X-09-01-400 | X-09-02-400 | X-09-03-400 | X-09-04-400 | X-09-05-400 |

Wkręty blokujące  
samogwintujące  $\varnothing 3,5$  mm  
dla średnicy gwoździa  
Self tapping locking screws  
for nail diameter  
 $\varnothing 6$  i  $\varnothing 7$  mm  
X-01-51-xx

Wkręty blokujące  
samogwintujące  $\varnothing 4,5$  mm  
dla średnicy gwoździa  
Self tapping locking screws  
for nail diameter  
 $\varnothing 8$  mm  
X-01-86-xx

Gwoździe są dostępne dla długości L = 180 - 600 mm, skok co 5 mm, ostatni człon numeru katalogowego oznacza długość w [mm]. Gwoździe są dostępne również dla średnic D = 6, 7, 12, 13 mm  
Available in lengths L = 180 - 600 mm, last part of catalogue number is length in [mm]. Available also for diameter D = 6, 7, 12, 13 mm

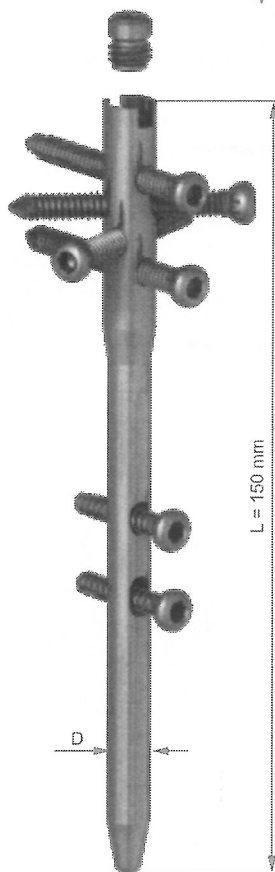


**GWÓDŹ DO KOŚCI RAMIENNEJ WIELOPŁASZCZYZNOWY  
(REKONSTRUKCYJNY)  
MULTILAYERS (RECONSTRUCTION) HUMERAL NAIL**

*Patent nr 1 poz. 16*

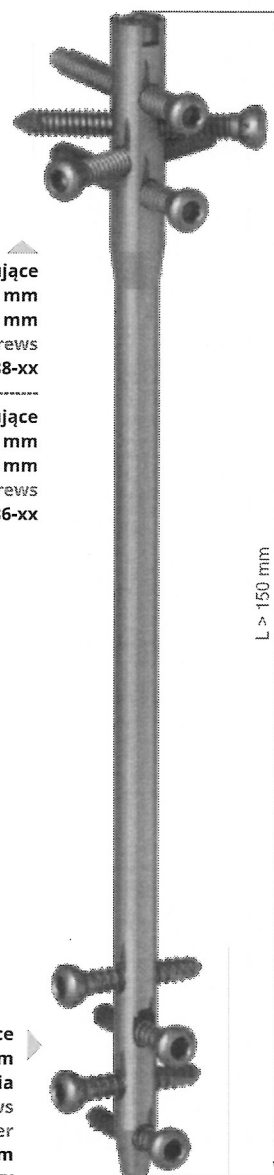
Śruba zaślepiająca  
End cap

| Rozmiar<br>Size | REF        |
|-----------------|------------|
| 0               | X-07-95-30 |
| +5              | X-07-95-31 |
| +10             | X-07-95-32 |
| +15             | X-07-95-33 |
| +20             | X-07-95-34 |
| +25             | X-07-95-35 |
| +30             | X-07-95-36 |



Wkręty blokujące  
samogwintujące  $\varnothing 5,0$  mm  
dł. 26-60 mm  
Self tapping locking screws  
X-01-88-xx

Wkręty blokujące  
samogwintujące  $\varnothing 4,5$  mm  
dł. 26-60 mm  
Self tapping locking screws  
X-01-86-xx



| L (mm)        | D=6mm       | D=7mm       | D=8mm       | D=9mm       |
|---------------|-------------|-------------|-------------|-------------|
| LEWY / LEFT   |             |             |             |             |
| 150           | X-09-21-150 | X-09-22-150 | X-09-23-150 | X-09-24-150 |
| 220           | X-09-21-220 | X-09-22-220 | X-09-23-220 | X-09-24-220 |
| 250           | X-09-21-250 | X-09-22-250 | X-09-23-250 | X-09-24-250 |
| PRAWY / RIGHT |             |             |             |             |
| 150           | X-09-31-150 | X-09-32-150 | X-09-33-150 | X-09-34-150 |
| 220           | X-09-31-220 | X-09-32-220 | X-09-33-220 | X-09-34-220 |
| 250           | X-09-31-250 | X-09-32-250 | X-09-33-250 | X-09-34-250 |

Wkręty blokujące  
samogwintujące  $\varnothing 3,5$  mm  
dla średnicy gwoździa  
Self tapping locking screws  
for nail diameter  
 $\varnothing 6 + \varnothing 7$  mm  
X-01-51-xx

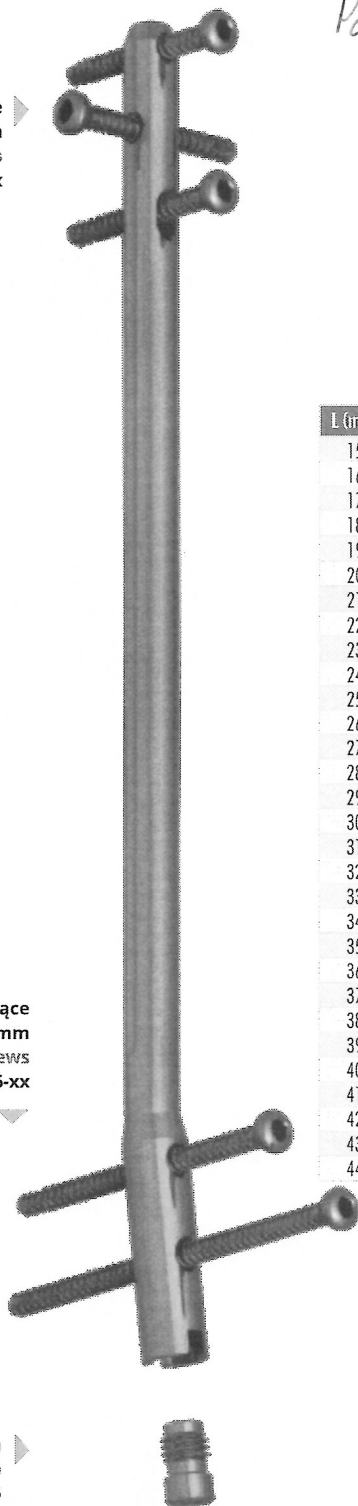
Wkręty blokujące  
samogwintujące  $\varnothing 4,5$  mm  
dla średnicy gwoździa  
Self tapping locking screws  
for nail diameter  
 $\geq \varnothing 8$  mm  
X-01-86-xx

Gwoździe są dostępne dla długości L = 150 - 280 mm, skok co 10 mm, ostatni człon numeru katalogowego oznacza długość w [mm].  
Available in lengths L = 150 - 280 mm, last part of catalogue number is length in [mm].

**GWÓŹDŹ UDOWY ODKOLANOWY**  
**RETROGRADE FEMORAL NAIL**

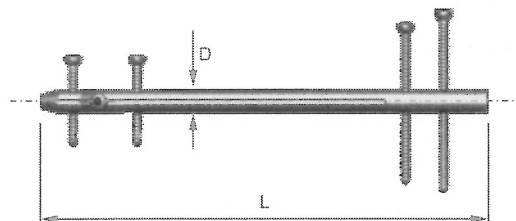
*Podłecet nr 1 prz. 2c*

Wkręty blokujące  
samogwintujące  $\varnothing 4,5$  mm  
Self tapping locking screws  
X-01-86-xx



Wkręty blokujące  
samogwintujące  $\varnothing 4,5$  mm  
Self tapping locking screws  
X-01-86-xx

Śruba zaślepiająca  
End cap  
X-07-95-05

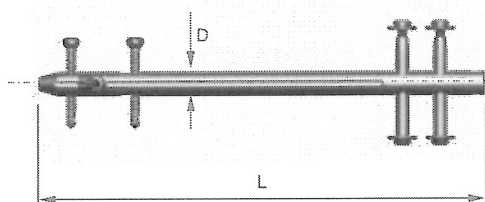


| L (mm) | D=9mm       | D=10mm      | D=11mm      | D=12mm      | D=13mm      |
|--------|-------------|-------------|-------------|-------------|-------------|
| 150    | X-07-64-150 | X-07-65-150 | X-07-66-150 | X-07-67-150 | X-07-68-150 |
| 160    | X-07-64-160 | X-07-65-160 | X-07-66-160 | X-07-67-160 | X-07-68-160 |
| 170    | X-07-64-170 | X-07-65-170 | X-07-66-170 | X-07-67-170 | X-07-68-170 |
| 180    | X-07-64-180 | X-07-65-180 | X-07-66-180 | X-07-67-180 | X-07-68-180 |
| 190    | X-07-64-190 | X-07-65-190 | X-07-66-190 | X-07-67-190 | X-07-68-190 |
| 200    | X-07-64-200 | X-07-65-200 | X-07-66-200 | X-07-67-200 | X-07-68-200 |
| 210    | X-07-64-210 | X-07-65-210 | X-07-66-210 | X-07-67-210 | X-07-68-210 |
| 220    | X-07-64-220 | X-07-65-220 | X-07-66-220 | X-07-67-220 | X-07-68-220 |
| 230    | X-07-64-230 | X-07-65-230 | X-07-66-230 | X-07-67-230 | X-07-68-230 |
| 240    | X-07-64-240 | X-07-65-240 | X-07-66-240 | X-07-67-240 | X-07-68-240 |
| 250    | X-07-64-250 | X-07-65-250 | X-07-66-250 | X-07-67-250 | X-07-68-250 |
| 260    | X-07-64-260 | X-07-65-260 | X-07-66-260 | X-07-67-260 | X-07-68-260 |
| 270    | X-07-64-270 | X-07-65-270 | X-07-66-270 | X-07-67-270 | X-07-68-270 |
| 280    | X-07-64-280 | X-07-65-280 | X-07-66-280 | X-07-67-280 | X-07-68-280 |
| 290    | X-07-64-290 | X-07-65-290 | X-07-66-290 | X-07-67-290 | X-07-68-290 |
| 300    | X-07-64-300 | X-07-65-300 | X-07-66-300 | X-07-67-300 | X-07-68-300 |
| 310    | X-07-64-310 | X-07-65-310 | X-07-66-310 | X-07-67-310 | X-07-68-310 |
| 320    | X-07-64-320 | X-07-65-320 | X-07-66-320 | X-07-67-320 | X-07-68-320 |
| 330    | X-07-64-330 | X-07-65-330 | X-07-66-330 | X-07-67-330 | X-07-68-330 |
| 340    | X-07-64-340 | X-07-65-340 | X-07-66-340 | X-07-67-340 | X-07-68-340 |
| 350    | X-07-64-350 | X-07-65-350 | X-07-66-350 | X-07-67-350 | X-07-68-350 |
| 360    | X-07-64-360 | X-07-65-360 | X-07-66-360 | X-07-67-360 | X-07-68-360 |
| 370    | X-07-64-370 | X-07-65-370 | X-07-66-370 | X-07-67-370 | X-07-68-370 |
| 380    | X-07-64-380 | X-07-65-380 | X-07-66-380 | X-07-67-380 | X-07-68-380 |
| 390    | X-07-64-390 | X-07-65-390 | X-07-66-390 | X-07-67-390 | X-07-68-390 |
| 400    | X-07-64-400 | X-07-65-400 | X-07-66-400 | X-07-67-400 | X-07-68-400 |
| 410    | X-07-64-410 | X-07-65-410 | X-07-66-410 | X-07-67-410 | X-07-68-410 |
| 420    | X-07-64-420 | X-07-65-420 | X-07-66-420 | X-07-67-420 | X-07-68-420 |
| 430    | X-07-64-430 | X-07-65-430 | X-07-66-430 | X-07-67-430 | X-07-68-430 |
| 440    | X-07-64-440 | X-07-65-440 | X-07-66-440 | X-07-67-440 | X-07-68-440 |

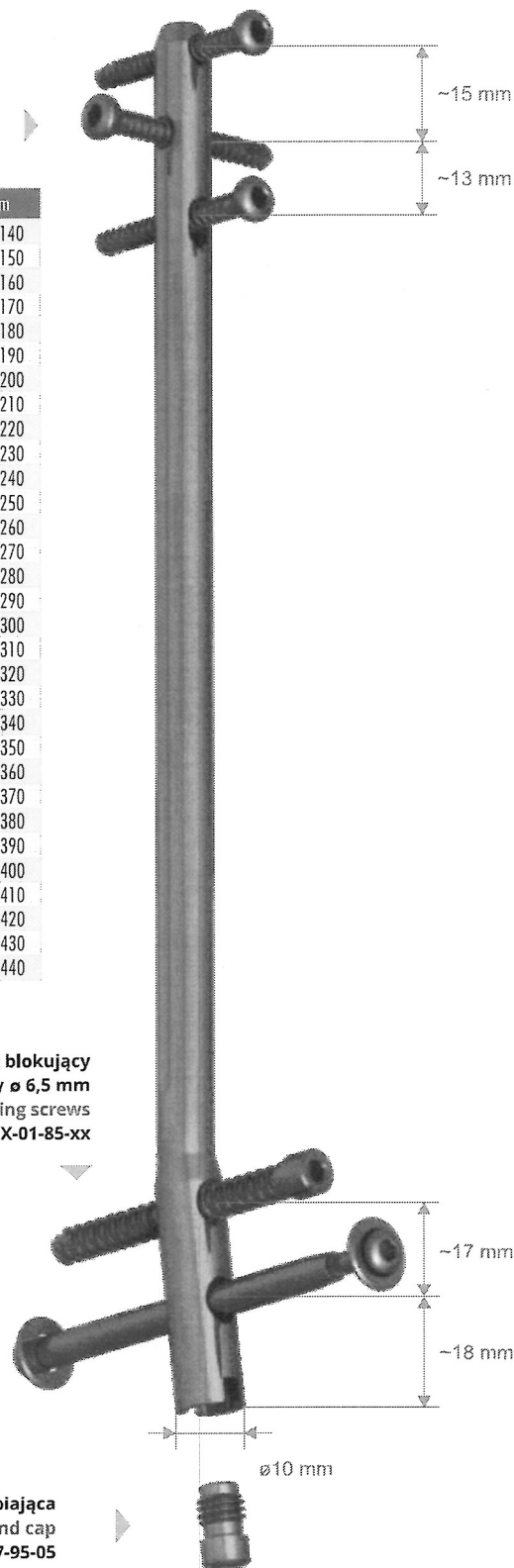
Gwoździe są dostępne dla długości L = 150 - 600 mm, skok co 5 mm, ostatni człon numeru katalogowego oznacza długość w [mm]. Gwoździe są dostępne również dla średnic D = 14, 15, 16 mm  
 Available in lengths L = 160 - 600 mm, last part of catalogue number is length in [mm]. Available also for diameter D = 14, 15, 16 mm

**GWÓŹDŹ UDOWY ODKOLANOWY**  
**RETROGRADE FEMORAL NAIL**
*Poliet nr 1 poz. 22*
**Wkręty blokujące**  
**samogwintujące**  
**ø 4,5 mm**  
**Self tapping**  
**locking screws**  
**X-01-86-xx**

| L (mm) | D=8mm        | D=9mm        | D=10mm       | D=11mm       | D=12mm       | D=13mm       |
|--------|--------------|--------------|--------------|--------------|--------------|--------------|
| 140    | X-07-100-140 | X-07-101-140 | X-07-102-140 | X-07-103-140 | X-07-104-140 | X-07-105-140 |
| 150    | X-07-100-150 | X-07-101-150 | X-07-102-150 | X-07-103-150 | X-07-104-150 | X-07-105-150 |
| 160    | X-07-100-160 | X-07-101-160 | X-07-102-160 | X-07-103-160 | X-07-104-160 | X-07-105-160 |
| 170    | X-07-100-170 | X-07-101-170 | X-07-102-170 | X-07-103-170 | X-07-104-170 | X-07-105-170 |
| 180    | X-07-100-180 | X-07-101-180 | X-07-102-180 | X-07-103-180 | X-07-104-180 | X-07-105-180 |
| 190    | X-07-100-190 | X-07-101-190 | X-07-102-190 | X-07-103-190 | X-07-104-190 | X-07-105-190 |
| 200    | X-07-100-200 | X-07-101-200 | X-07-102-200 | X-07-103-200 | X-07-104-200 | X-07-105-200 |
| 210    | X-07-100-210 | X-07-101-210 | X-07-102-210 | X-07-103-210 | X-07-104-210 | X-07-105-210 |
| 220    | X-07-100-220 | X-07-101-220 | X-07-102-220 | X-07-103-220 | X-07-104-220 | X-07-105-220 |
| 230    | X-07-100-230 | X-07-101-230 | X-07-102-230 | X-07-103-230 | X-07-104-230 | X-07-105-230 |
| 240    | X-07-100-240 | X-07-101-240 | X-07-102-240 | X-07-103-240 | X-07-104-240 | X-07-105-240 |
| 250    | X-07-100-250 | X-07-101-250 | X-07-102-250 | X-07-103-250 | X-07-104-250 | X-07-105-250 |
| 260    | X-07-100-260 | X-07-101-260 | X-07-102-260 | X-07-103-260 | X-07-104-260 | X-07-105-260 |
| 270    | X-07-100-270 | X-07-101-270 | X-07-102-270 | X-07-103-270 | X-07-104-270 | X-07-105-270 |
| 280    | X-07-100-280 | X-07-101-280 | X-07-102-280 | X-07-103-280 | X-07-104-280 | X-07-105-280 |
| 290    | X-07-100-290 | X-07-101-290 | X-07-102-290 | X-07-103-290 | X-07-104-290 | X-07-105-290 |
| 300    | X-07-100-300 | X-07-101-300 | X-07-102-300 | X-07-103-300 | X-07-104-300 | X-07-105-300 |
| 310    | X-07-100-310 | X-07-101-310 | X-07-102-310 | X-07-103-310 | X-07-104-310 | X-07-105-310 |
| 320    | X-07-100-320 | X-07-101-320 | X-07-102-320 | X-07-103-320 | X-07-104-320 | X-07-105-320 |
| 330    | X-07-100-330 | X-07-101-330 | X-07-102-330 | X-07-103-330 | X-07-104-330 | X-07-105-330 |
| 340    | X-07-100-340 | X-07-101-340 | X-07-102-340 | X-07-103-340 | X-07-104-340 | X-07-105-340 |
| 350    | X-07-100-350 | X-07-101-350 | X-07-102-350 | X-07-103-350 | X-07-104-350 | X-07-105-350 |
| 360    | X-07-100-360 | X-07-101-360 | X-07-102-360 | X-07-103-360 | X-07-104-360 | X-07-105-360 |
| 370    | X-07-100-370 | X-07-101-370 | X-07-102-370 | X-07-103-370 | X-07-104-370 | X-07-105-370 |
| 380    | X-07-100-380 | X-07-101-380 | X-07-102-380 | X-07-103-380 | X-07-104-380 | X-07-105-380 |
| 390    | X-07-100-390 | X-07-101-390 | X-07-102-390 | X-07-103-390 | X-07-104-390 | X-07-105-390 |
| 400    | X-07-100-400 | X-07-101-400 | X-07-102-400 | X-07-103-400 | X-07-104-400 | X-07-105-400 |
| 410    | X-07-100-410 | X-07-101-410 | X-07-102-410 | X-07-103-410 | X-07-104-410 | X-07-105-410 |
| 420    | X-07-100-420 | X-07-101-420 | X-07-102-420 | X-07-103-420 | X-07-104-420 | X-07-105-420 |
| 430    | X-07-100-430 | X-07-101-430 | X-07-102-430 | X-07-103-430 | X-07-104-430 | X-07-105-430 |
| 440    | X-07-100-440 | X-07-101-440 | X-07-102-440 | X-07-103-440 | X-07-104-440 | X-07-105-440 |


**Wkręt blokujący**  
**samogwintujący ø 6,5 mm**  
**Self tapping locking screws**  
**X-01-85-xx**
**LUB/OR**
**Zespoły blokujące**  
**Locking set**  
**50-105 mm**  
**X-01-66-xx**

| RANGE (mm) | REF        |
|------------|------------|
| 50-60      | X-01-66-50 |
| 60-75      | X-01-66-60 |
| 70-85      | X-01-66-70 |
| 80-95      | X-01-66-80 |
| 90-105     | X-01-66-90 |

*Poliet nr 1 poz. 2b*
**Śruba zaślepiająca**  
**End cap**  
**X-07-95-05**


Gwoździe są dostępne dla długości L = 140 - 600 mm, skok co 5 mm, ostatni człon numeru katalogowego oznacza długość w [mm]. Gwoździe są dostępne również dla średnic D = 8 - 19 mm  
 Available in lengths L = 140 - 600 mm, last part of catalogue number is length in [mm]. Available also for diameter D = 8 - 19 mm

*foliolt m 1 prz. 3*

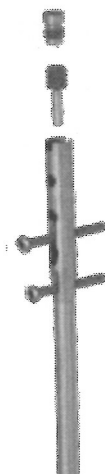
**GWÓDŹ UDOWY UNIWERSALNY**  
**UNIVERSAL FEMORAL NAIL**

**Śruby zaślepiające**  
End caps

| Rozmiar<br>Size | REF        |
|-----------------|------------|
| 0               | X-07-95-40 |
| +5              | X-07-95-41 |
| +10             | X-07-95-42 |
| +15             | X-07-95-43 |
| +20             | X-07-95-44 |
| +25             | X-07-95-45 |
| +30             | X-07-95-46 |

**Wkręty trzonowe**  
ø 6,5 mm  
Molar locking screws  
X-01-84-xx

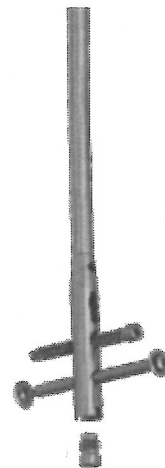
**Wkręty blokujące**  
samogwintujące ø4,5 mm  
Self tapping locking screws  
X-01-86-xx



**Metoda antegrade, statyczna i kompresyjna**  
Antegrade static & compression method



**Metoda antegrade skośna**  
Antegrade oblique screw



**Metoda odkolanowa**  
Retrograde method

| L (mm)                          | D-9mm        | D-10mm       | D-11mm       | D-12mm       |
|---------------------------------|--------------|--------------|--------------|--------------|
| <b>GWÓDŹ LEWY / LEFT NAIL</b>   |              |              |              |              |
| 200                             | X-07-305-200 | X-07-306-200 | X-07-307-200 | X-07-308-200 |
| 220                             | X-07-305-220 | X-07-306-220 | X-07-307-220 | X-07-308-220 |
| 240                             | X-07-305-240 | X-07-306-240 | X-07-307-240 | X-07-308-240 |
| 260                             | X-07-305-260 | X-07-306-260 | X-07-307-260 | X-07-308-260 |
| 280                             | X-07-305-280 | X-07-306-280 | X-07-307-280 | X-07-308-280 |
| 300                             | X-07-305-300 | X-07-306-300 | X-07-307-300 | X-07-308-300 |
| 320                             | X-07-305-320 | X-07-306-320 | X-07-307-320 | X-07-308-320 |
| 340                             | X-07-305-340 | X-07-306-340 | X-07-307-340 | X-07-308-340 |
| 360                             | X-07-305-360 | X-07-306-360 | X-07-307-360 | X-07-308-360 |
| 380                             | X-07-305-380 | X-07-306-380 | X-07-307-380 | X-07-308-380 |
| 400                             | X-07-305-400 | X-07-306-400 | X-07-307-400 | X-07-308-400 |
| 420                             | X-07-305-420 | X-07-306-420 | X-07-307-420 | X-07-308-420 |
| 440                             | X-07-305-440 | X-07-306-440 | X-07-307-440 | X-07-308-440 |
| 460                             | X-07-305-460 | X-07-306-460 | X-07-307-460 | X-07-308-460 |
| 480                             | X-07-305-480 | X-07-306-480 | X-07-307-480 | X-07-308-480 |
| 500                             | X-07-305-500 | X-07-306-500 | X-07-307-500 | X-07-308-500 |
| <b>GWÓDŹ PRAWY / RIGHT NAIL</b> |              |              |              |              |
| 200                             | X-07-317-200 | X-07-318-200 | X-07-319-200 | X-07-320-200 |
| 220                             | X-07-317-220 | X-07-318-220 | X-07-319-220 | X-07-320-220 |
| 240                             | X-07-317-240 | X-07-318-240 | X-07-319-240 | X-07-320-240 |
| 260                             | X-07-317-260 | X-07-318-260 | X-07-319-260 | X-07-320-260 |
| 280                             | X-07-317-280 | X-07-318-280 | X-07-319-280 | X-07-320-280 |
| 300                             | X-07-317-300 | X-07-318-300 | X-07-319-300 | X-07-320-300 |
| 320                             | X-07-317-320 | X-07-318-320 | X-07-319-320 | X-07-320-320 |
| 340                             | X-07-317-340 | X-07-318-340 | X-07-319-340 | X-07-320-340 |
| 360                             | X-07-317-360 | X-07-318-360 | X-07-319-360 | X-07-320-360 |
| 380                             | X-07-317-380 | X-07-318-380 | X-07-319-380 | X-07-320-380 |
| 400                             | X-07-317-400 | X-07-318-400 | X-07-319-400 | X-07-320-400 |
| 420                             | X-07-317-420 | X-07-318-420 | X-07-319-420 | X-07-320-420 |
| 440                             | X-07-317-440 | X-07-318-440 | X-07-319-440 | X-07-320-440 |
| 460                             | X-07-317-460 | X-07-318-460 | X-07-319-460 | X-07-320-460 |
| 480                             | X-07-317-480 | X-07-318-480 | X-07-319-480 | X-07-320-480 |
| 500                             | X-07-317-500 | X-07-318-500 | X-07-319-500 | X-07-320-500 |

Gwoździe są dostępne dla długości co 10 mm, ostatni człon numeru katalogowego oznacza długość w [mm]  
Gwoździe są dostępne również dla średnic D=8, 14, 15, 16, 17, 18, 19 mm  
Available also for diameter D = 8, 14, 15, 16, 17, 18, 19 mm

**GWÓŹDŹ DO KOŚCI PISZCZELOWEJ**  
**TIBIAL NAIL**

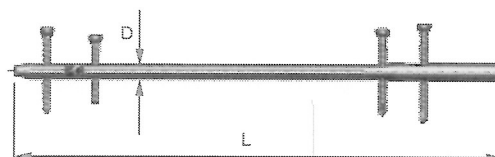
*delikat nr 1 prz. 4a*

Śruby zaślepiające  
End caps

| Rozmiar<br>Size | REF        |
|-----------------|------------|
| 0               | X-07-95-20 |
| +5              | X-07-95-21 |
| +10             | X-07-95-22 |
| +15             | X-07-95-23 |
| +20             | X-07-95-24 |
| +25             | X-07-95-25 |
| +30             | X-07-95-26 |

Śruba kompresyjna  
Compression screw  
X-07-96-03

Wkręty blokujące  
samogwintujące  $\varnothing 4,5$  mm  
Self tapping locking screws  
X-01-86-xx



| L (mm) | D-8mm       | D-9mm       | D-10mm      | D-11mm      | D-12mm      |
|--------|-------------|-------------|-------------|-------------|-------------|
| 180    | X-08-01-180 | X-08-02-180 | X-08-03-180 | X-08-04-180 | X-08-05-180 |
| 190    | X-08-01-190 | X-08-02-190 | X-08-03-190 | X-08-04-190 | X-08-05-190 |
| 200    | X-08-01-200 | X-08-02-200 | X-08-03-200 | X-08-04-200 | X-08-05-200 |
| 210    | X-08-01-210 | X-08-02-210 | X-08-03-210 | X-08-04-210 | X-08-05-210 |
| 220    | X-08-01-220 | X-08-02-220 | X-08-03-220 | X-08-04-220 | X-08-05-220 |
| 230    | X-08-01-230 | X-08-02-230 | X-08-03-230 | X-08-04-230 | X-08-05-230 |
| 240    | X-08-01-240 | X-08-02-240 | X-08-03-240 | X-08-04-240 | X-08-05-240 |
| 250    | X-08-01-250 | X-08-02-250 | X-08-03-250 | X-08-04-250 | X-08-05-250 |
| 260    | X-08-01-260 | X-08-02-260 | X-08-03-260 | X-08-04-260 | X-08-05-260 |
| 270    | X-08-01-270 | X-08-02-270 | X-08-03-270 | X-08-04-270 | X-08-05-270 |
| 280    | X-08-01-280 | X-08-02-280 | X-08-03-280 | X-08-04-280 | X-08-05-280 |
| 290    | X-08-01-290 | X-08-02-290 | X-08-03-290 | X-08-04-290 | X-08-05-290 |
| 300    | X-08-01-300 | X-08-02-300 | X-08-03-300 | X-08-04-300 | X-08-05-300 |
| 310    | X-08-01-310 | X-08-02-310 | X-08-03-310 | X-08-04-310 | X-08-05-310 |
| 320    | X-08-01-320 | X-08-02-320 | X-08-03-320 | X-08-04-320 | X-08-05-320 |
| 330    | X-08-01-330 | X-08-02-330 | X-08-03-330 | X-08-04-330 | X-08-05-330 |
| 340    | X-08-01-340 | X-08-02-340 | X-08-03-340 | X-08-04-340 | X-08-05-340 |
| 350    | X-08-01-350 | X-08-02-350 | X-08-03-350 | X-08-04-350 | X-08-05-350 |
| 360    | X-08-01-360 | X-08-02-360 | X-08-03-360 | X-08-04-360 | X-08-05-360 |
| 370    | X-08-01-370 | X-08-02-370 | X-08-03-370 | X-08-04-370 | X-08-05-370 |
| 380    | X-08-01-380 | X-08-02-380 | X-08-03-380 | X-08-04-380 | X-08-05-380 |
| 390    | X-08-01-390 | X-08-02-390 | X-08-03-390 | X-08-04-390 | X-08-05-390 |
| 400    | X-08-01-400 | X-08-02-400 | X-08-03-400 | X-08-04-400 | X-08-05-400 |

Wkręty blokujące  
samogwintujące  $\varnothing 4,5$  mm  
Self tapping locking screws  
X-01-86-xx

Gwoździe są dostępne dla długości L = 180 - 600 mm, skok co 5 mm, ostatni człon numeru katalogowego oznacza długość w [mm]. Gwoździe są dostępne również dla średnic D = 13, 14, 15 mm.  
Available in lengths L = 180 - 600 mm, last part of catalogue number is length in [mm]. Available also for diameter D = 13, 14, 15 mm

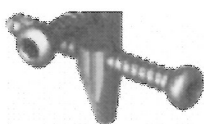


**GWÓDŹ DO KOŚCI PISZCZELOWEJ - REKONSTRUKCYJNY**  
**RECONSTRUCTION TIBIAL NAIL**

*Poliset m 1 pz. 4b*

| Rozmiar<br>Size | REF        |
|-----------------|------------|
| 0               | X-07-95-20 |
| +5              | X-07-95-21 |
| +10             | X-07-95-22 |
| +15             | X-07-95-23 |
| +20             | X-07-95-24 |
| +25             | X-07-95-25 |
| +30             | X-07-95-26 |

Wersja - lity / solid



Śruba kompresyjna  
Compression screw  
X-07-96-03

Śruby zaślepiające  
End caps

2 Wkręty blokujące  
samogwintujące ø4,5 mm  
Self tapping locking screws  
X-01-86-xx

2 Wkręty blokujące  
samogwintujące ø5,0 mm  
Self tapping locking screws  
X-01-88-xx  
lub/or  
Wkręty blokujące  
samogwintujące ø4,5 mm  
Self tapping locking screws  
X-01-86-xx

10°

| L (mm) | D=8mm       | D=9mm       | D=10mm      | D=11mm      | D=12mm      | D=13mm      | D=14mm      |
|--------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 180    | X-08-57-180 | X-08-58-180 | X-08-59-180 | X-08-60-180 | X-08-61-180 | X-08-62-180 | X-08-63-180 |
| 190    | X-08-57-190 | X-08-58-190 | X-08-59-190 | X-08-60-190 | X-08-61-190 | X-08-62-190 | X-08-63-190 |
| 200    | X-08-57-200 | X-08-58-200 | X-08-59-200 | X-08-60-200 | X-08-61-200 | X-08-62-200 | X-08-63-200 |
| 210    | X-08-57-210 | X-08-58-210 | X-08-59-210 | X-08-60-210 | X-08-61-210 | X-08-62-210 | X-08-63-210 |
| 220    | X-08-57-220 | X-08-58-220 | X-08-59-220 | X-08-60-220 | X-08-61-220 | X-08-62-220 | X-08-63-220 |
| 230    | X-08-57-230 | X-08-58-230 | X-08-59-230 | X-08-60-230 | X-08-61-230 | X-08-62-230 | X-08-63-230 |
| 240    | X-08-57-240 | X-08-58-240 | X-08-59-240 | X-08-60-240 | X-08-61-240 | X-08-62-240 | X-08-63-240 |
| 250    | X-08-57-250 | X-08-58-250 | X-08-59-250 | X-08-60-250 | X-08-61-250 | X-08-62-250 | X-08-63-250 |
| 260    | X-08-57-260 | X-08-58-260 | X-08-59-260 | X-08-60-260 | X-08-61-260 | X-08-62-260 | X-08-63-260 |
| 270    | X-08-57-270 | X-08-58-270 | X-08-59-270 | X-08-60-270 | X-08-61-270 | X-08-62-270 | X-08-63-270 |
| 280    | X-08-57-280 | X-08-58-280 | X-08-59-280 | X-08-60-280 | X-08-61-280 | X-08-62-280 | X-08-63-280 |
| 290    | X-08-57-290 | X-08-58-290 | X-08-59-290 | X-08-60-290 | X-08-61-290 | X-08-62-290 | X-08-63-290 |
| 300    | X-08-57-300 | X-08-58-300 | X-08-59-300 | X-08-60-300 | X-08-61-300 | X-08-62-300 | X-08-63-300 |
| 310    | X-08-57-310 | X-08-58-310 | X-08-59-310 | X-08-60-310 | X-08-61-310 | X-08-62-310 | X-08-63-310 |
| 320    | X-08-57-320 | X-08-58-320 | X-08-59-320 | X-08-60-320 | X-08-61-320 | X-08-62-320 | X-08-63-320 |
| 330    | X-08-57-330 | X-08-58-330 | X-08-59-330 | X-08-60-330 | X-08-61-330 | X-08-62-330 | X-08-63-330 |
| 340    | X-08-57-340 | X-08-58-340 | X-08-59-340 | X-08-60-340 | X-08-61-340 | X-08-62-340 | X-08-63-340 |
| 350    | X-08-57-350 | X-08-58-350 | X-08-59-350 | X-08-60-350 | X-08-61-350 | X-08-62-350 | X-08-63-350 |
| 360    | X-08-57-360 | X-08-58-360 | X-08-59-360 | X-08-60-360 | X-08-61-360 | X-08-62-360 | X-08-63-360 |
| 370    | X-08-57-370 | X-08-58-370 | X-08-59-370 | X-08-60-370 | X-08-61-370 | X-08-62-370 | X-08-63-370 |
| 380    | X-08-57-380 | X-08-58-380 | X-08-59-380 | X-08-60-380 | X-08-61-380 | X-08-62-380 | X-08-63-380 |
| 390    | X-08-57-390 | X-08-58-390 | X-08-59-390 | X-08-60-390 | X-08-61-390 | X-08-62-390 | X-08-63-390 |
| 400    | X-08-57-400 | X-08-58-400 | X-08-59-400 | X-08-60-400 | X-08-61-400 | X-08-62-400 | X-08-63-400 |

3 Wkręty blokujące  
samogwintujące ø4,5 mm  
Self tapping locking screws  
X-01-86-xx

4°

Gwoździe są dostępne dla długości L = 180 - 600 mm, skok co 5 mm, ostatni człon numeru katalogowego oznacza długość w [mm].

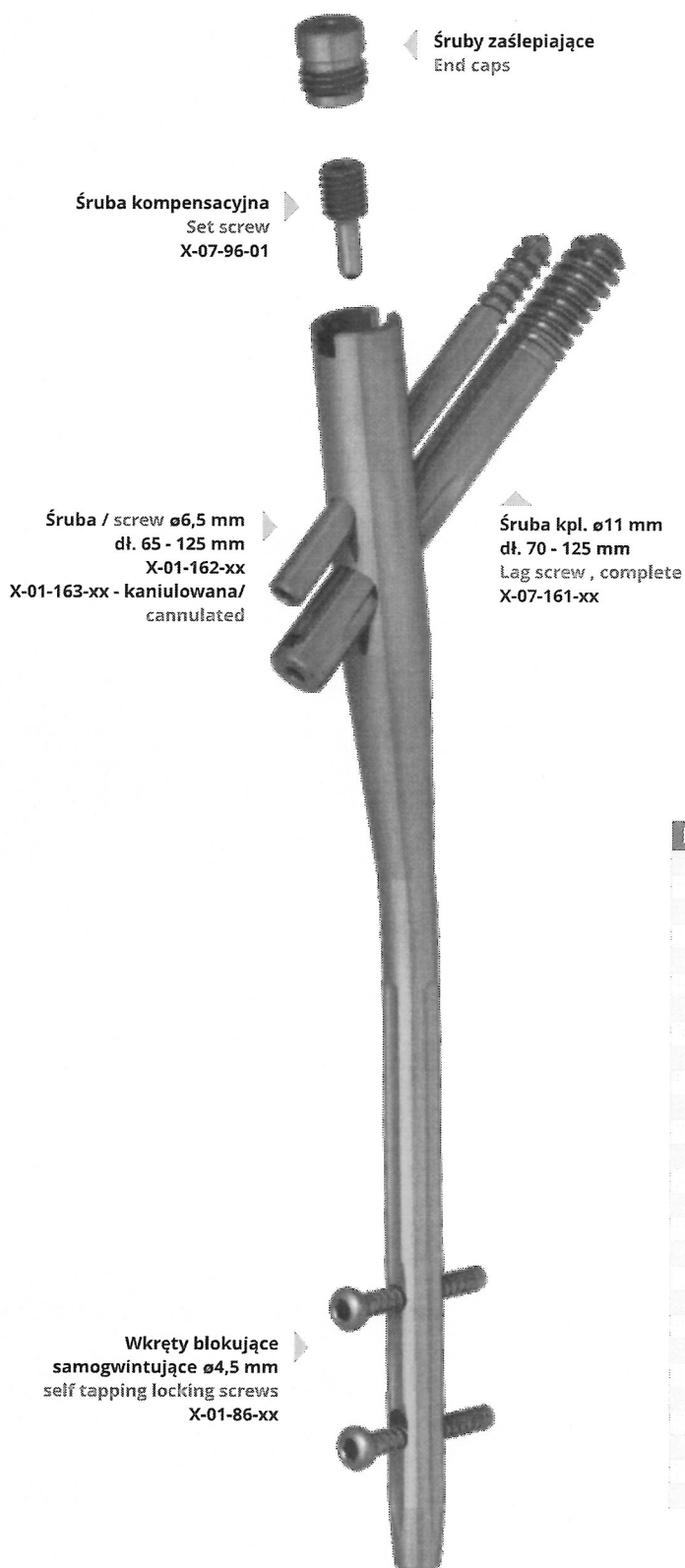
Gwoździe są dostępne również dla średnic D = 13, 14, 15, 16 17, 18, 19 mm

Available in lengths L = 180 - 600 mm, last part of catalogue number is length in [mm]. Available also for diameter D = 13, 14, 15, 16 17, 18, 19 mm

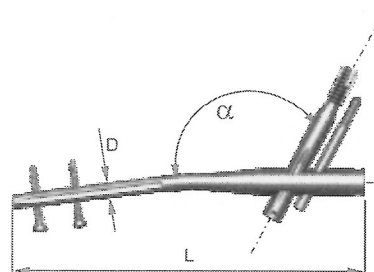
**GWÓŹDŹ UDOWY PROKSYMALNY PODWÓJNY - KRÓTKI**

*Poliet nr 1 pz. 5*

**DOUBLE PROXIMAL FEMORAL NAIL - SHORT**



| Rozmiar<br>Size | REF        |
|-----------------|------------|
| 0               | X-07-95-60 |
| +5              | X-07-95-61 |
| +10             | X-07-95-62 |
| +15             | X-07-95-63 |
| +20             | X-07-95-64 |
| +25             | X-07-95-65 |
| +30             | X-07-95-66 |



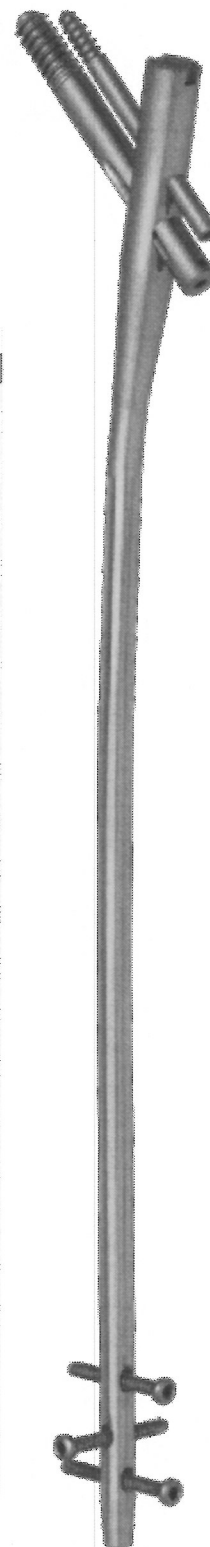
| D (mm) | L (mm) | $\alpha = 125^\circ$ | $\alpha = 130^\circ$ | $\alpha = 135^\circ$ |
|--------|--------|----------------------|----------------------|----------------------|
| 10     | 200    | X-10-01-200          | X-10-02-200          | X-10-03-200          |
| 10     | 210    | X-10-01-210          | X-10-02-210          | X-10-03-210          |
| 10     | 220    | X-10-01-220          | X-10-02-220          | X-10-03-220          |
| 10     | 230    | X-10-01-230          | X-10-02-230          | X-10-03-230          |
| 10     | 240    | X-10-01-240          | X-10-02-240          | X-10-03-240          |
| 10     | 250    | X-10-01-250          | X-10-02-250          | X-10-03-250          |
| 10     | 260    | X-10-01-260          | X-10-02-260          | X-10-03-260          |
| 10     | 270    | X-10-01-270          | X-10-02-270          | X-10-03-270          |
| 10     | 280    | X-10-01-280          | X-10-02-280          | X-10-03-280          |
| 11     | 200    | X-10-04-200          | X-10-05-200          | X-10-06-200          |
| 11     | 210    | X-10-04-210          | X-10-05-210          | X-10-06-210          |
| 11     | 220    | X-10-04-220          | X-10-05-220          | X-10-06-220          |
| 11     | 230    | X-10-04-230          | X-10-05-230          | X-10-06-230          |
| 11     | 240    | X-10-04-240          | X-10-05-240          | X-10-06-240          |
| 11     | 250    | X-10-04-250          | X-10-05-250          | X-10-06-250          |
| 11     | 260    | X-10-04-260          | X-10-05-260          | X-10-06-260          |
| 11     | 270    | X-10-04-270          | X-10-05-270          | X-10-06-270          |
| 11     | 280    | X-10-04-280          | X-10-05-280          | X-10-06-280          |
| 12     | 200    | X-10-07-200          | X-10-08-200          | X-10-09-200          |
| 12     | 210    | X-10-07-210          | X-10-08-210          | X-10-09-210          |
| 12     | 220    | X-10-07-220          | X-10-08-220          | X-10-09-220          |
| 12     | 230    | X-10-07-230          | X-10-08-230          | X-10-09-230          |
| 12     | 240    | X-10-07-240          | X-10-08-240          | X-10-09-240          |
| 12     | 250    | X-10-07-250          | X-10-08-250          | X-10-09-250          |
| 12     | 260    | X-10-07-260          | X-10-08-260          | X-10-09-260          |
| 12     | 270    | X-10-07-270          | X-10-08-270          | X-10-09-270          |
| 12     | 280    | X-10-07-280          | X-10-08-280          | X-10-09-280          |

Gwoździe są dostępne również dla średnic / Available also for diameter D=9, 13, 14, 15 mm

**GWÓŹDŹ UDOWY PROKSIMALNY PODWÓJNY - DŁUGI**  
**DOUBLE PROXIMAL FEMORAL NAIL - LONG**

*Placówka nr 1 p. 6*

| D (mm) | L (mm) | GWÓŹDŹ LEWY / LEFT NAIL |                      |                      | GWÓŹDŹ PRAWY / RIGHT NAIL |                      |                      |
|--------|--------|-------------------------|----------------------|----------------------|---------------------------|----------------------|----------------------|
|        |        | $\alpha = 125^\circ$    | $\alpha = 130^\circ$ | $\alpha = 135^\circ$ | $\alpha = 125^\circ$      | $\alpha = 130^\circ$ | $\alpha = 135^\circ$ |
| 10     | 300    | X-10-01-300             | X-10-02-300          | X-10-03-300          | X-10-16-300               | X-10-17-300          | X-10-18-300          |
| 10     | 310    | X-10-01-310             | X-10-02-310          | X-10-03-310          | X-10-16-310               | X-10-17-310          | X-10-18-310          |
| 10     | 320    | X-10-01-320             | X-10-02-320          | X-10-03-320          | X-10-16-320               | X-10-17-320          | X-10-18-320          |
| 10     | 330    | X-10-01-330             | X-10-02-330          | X-10-03-330          | X-10-16-330               | X-10-17-330          | X-10-18-330          |
| 10     | 340    | X-10-01-340             | X-10-02-340          | X-10-03-340          | X-10-16-340               | X-10-17-340          | X-10-18-340          |
| 10     | 350    | X-10-01-350             | X-10-02-350          | X-10-03-350          | X-10-16-350               | X-10-17-350          | X-10-18-350          |
| 10     | 360    | X-10-01-360             | X-10-02-360          | X-10-03-360          | X-10-16-360               | X-10-17-360          | X-10-18-360          |
| 10     | 370    | X-10-01-370             | X-10-02-370          | X-10-03-370          | X-10-16-370               | X-10-17-370          | X-10-18-370          |
| 10     | 380    | X-10-01-380             | X-10-02-380          | X-10-03-380          | X-10-16-380               | X-10-17-380          | X-10-18-380          |
| 10     | 390    | X-10-01-390             | X-10-02-390          | X-10-03-390          | X-10-16-390               | X-10-17-390          | X-10-18-390          |
| 10     | 400    | X-10-01-400             | X-10-02-400          | X-10-03-400          | X-10-16-400               | X-10-17-400          | X-10-18-400          |
| 10     | 410    | X-10-01-410             | X-10-02-410          | X-10-03-410          | X-10-16-410               | X-10-17-410          | X-10-18-410          |
| 10     | 420    | X-10-01-420             | X-10-02-420          | X-10-03-420          | X-10-16-420               | X-10-17-420          | X-10-18-420          |
| 10     | 430    | X-10-01-430             | X-10-02-430          | X-10-03-430          | X-10-16-430               | X-10-17-430          | X-10-18-430          |
| 10     | 440    | X-10-01-440             | X-10-02-440          | X-10-03-440          | X-10-16-440               | X-10-17-440          | X-10-18-440          |
| 11     | 300    | X-10-04-300             | X-10-05-300          | X-10-06-300          | X-10-19-300               | X-10-20-300          | X-10-21-300          |
| 11     | 310    | X-10-04-310             | X-10-05-310          | X-10-06-310          | X-10-19-310               | X-10-20-310          | X-10-21-310          |
| 11     | 320    | X-10-04-320             | X-10-05-320          | X-10-06-320          | X-10-19-320               | X-10-20-320          | X-10-21-320          |
| 11     | 330    | X-10-04-330             | X-10-05-330          | X-10-06-330          | X-10-19-330               | X-10-20-330          | X-10-21-330          |
| 11     | 340    | X-10-04-340             | X-10-05-340          | X-10-06-340          | X-10-19-340               | X-10-20-340          | X-10-21-340          |
| 11     | 350    | X-10-04-350             | X-10-05-350          | X-10-06-350          | X-10-19-350               | X-10-20-350          | X-10-21-350          |
| 11     | 360    | X-10-04-360             | X-10-05-360          | X-10-06-360          | X-10-19-360               | X-10-20-360          | X-10-21-360          |
| 11     | 370    | X-10-04-370             | X-10-05-370          | X-10-06-370          | X-10-19-370               | X-10-20-370          | X-10-21-370          |
| 11     | 380    | X-10-04-380             | X-10-05-380          | X-10-06-380          | X-10-19-380               | X-10-20-380          | X-10-21-380          |
| 11     | 390    | X-10-04-390             | X-10-05-390          | X-10-06-390          | X-10-19-390               | X-10-20-390          | X-10-21-390          |
| 11     | 400    | X-10-04-400             | X-10-05-400          | X-10-06-400          | X-10-19-400               | X-10-20-400          | X-10-21-400          |
| 11     | 410    | X-10-04-410             | X-10-05-410          | X-10-06-410          | X-10-19-410               | X-10-20-410          | X-10-21-410          |
| 11     | 420    | X-10-04-420             | X-10-05-420          | X-10-06-420          | X-10-19-420               | X-10-20-420          | X-10-21-420          |
| 11     | 430    | X-10-04-430             | X-10-05-430          | X-10-06-430          | X-10-19-430               | X-10-20-430          | X-10-21-430          |
| 11     | 440    | X-10-04-440             | X-10-05-440          | X-10-06-440          | X-10-19-440               | X-10-20-440          | X-10-21-440          |
| 12     | 300    | X-10-07-300             | X-10-08-300          | X-10-09-300          | X-10-22-300               | X-10-23-300          | X-10-24-300          |
| 12     | 310    | X-10-07-310             | X-10-08-310          | X-10-09-310          | X-10-22-310               | X-10-23-310          | X-10-24-310          |
| 12     | 320    | X-10-07-320             | X-10-08-320          | X-10-09-320          | X-10-22-320               | X-10-23-320          | X-10-24-320          |
| 12     | 330    | X-10-07-330             | X-10-08-330          | X-10-09-330          | X-10-22-330               | X-10-23-330          | X-10-24-330          |
| 12     | 340    | X-10-07-340             | X-10-08-340          | X-10-09-340          | X-10-22-340               | X-10-23-340          | X-10-24-340          |
| 12     | 350    | X-10-07-350             | X-10-08-350          | X-10-09-350          | X-10-22-350               | X-10-23-350          | X-10-24-350          |
| 12     | 360    | X-10-07-360             | X-10-08-360          | X-10-09-360          | X-10-22-360               | X-10-23-360          | X-10-24-360          |
| 12     | 370    | X-10-07-370             | X-10-08-370          | X-10-09-370          | X-10-22-370               | X-10-23-370          | X-10-24-370          |
| 12     | 380    | X-10-07-380             | X-10-08-380          | X-10-09-380          | X-10-22-380               | X-10-23-380          | X-10-24-380          |
| 12     | 390    | X-10-07-390             | X-10-08-390          | X-10-09-390          | X-10-22-390               | X-10-23-390          | X-10-24-390          |
| 12     | 400    | X-10-07-400             | X-10-08-400          | X-10-09-400          | X-10-22-400               | X-10-23-400          | X-10-24-400          |
| 12     | 410    | X-10-07-410             | X-10-08-410          | X-10-09-410          | X-10-22-410               | X-10-23-410          | X-10-24-410          |
| 12     | 420    | X-10-07-420             | X-10-08-420          | X-10-09-420          | X-10-22-420               | X-10-23-420          | X-10-24-420          |
| 12     | 430    | X-10-07-430             | X-10-08-430          | X-10-09-430          | X-10-22-430               | X-10-23-430          | X-10-24-430          |
| 12     | 440    | X-10-07-440             | X-10-08-440          | X-10-09-440          | X-10-22-440               | X-10-23-440          | X-10-24-440          |



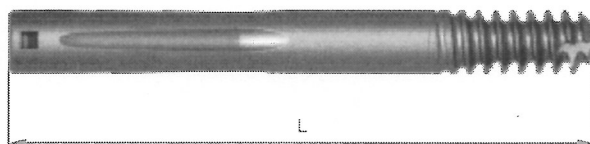
Gwoździe są dostępne dla długości L = 300 - 600 mm, skok co 5 mm, ostatni człon numeru katalogowego oznacza długość w [mm]

Gwoździe są dostępne również dla średnic D = 9, 13, 14, 15, 16, 17, 18, 19 mm

Available in lengths L = 300 - 600 mm, last part of catalogue number is length in [mm]. Available also for diameter D = 9, 13, 14, 15, 16, 17, 18, 19 mm

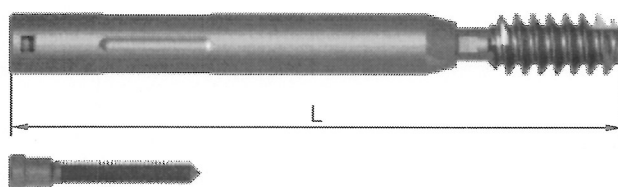
**ŚRUBY I WKRĘTY BLOKUJĄCE DLA GWOŹDZI BLOKOWANYCH**  
**LOCKING SCREWS FOR INTERLOCKING NAILS**

*Poliet mr 1 prz. 5,6*



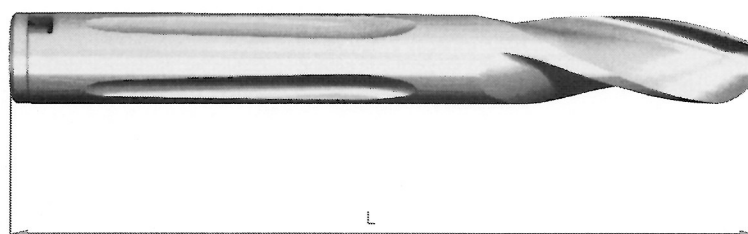
**Śruba szyjkowa kompletna  $\varnothing 11$  mm**  
 Lag screw, complete  $\varnothing 11$  mm

| L (mm) | REF          |
|--------|--------------|
| 70     | X-07-161-70  |
| 75     | X-07-161-75  |
| 80     | X-07-161-80  |
| 85     | X-07-161-85  |
| 90     | X-07-161-90  |
| 95     | X-07-161-95  |
| 100    | X-07-161-100 |
| 105    | X-07-161-105 |
| 110    | X-07-161-110 |
| 115    | X-07-161-115 |
| 120    | X-07-161-120 |
| 125    | X-07-161-125 |



**Śruba szyjkowa teleskopowa kompletna  $\varnothing 11$  mm**  
**ze śrubą kompresyjną M4**  
 Telescopic lag screw, complete  $\varnothing 11$  mm  
 with M4 compression screw

| L (mm) | REF          |
|--------|--------------|
| 70     | X-07-154-70  |
| 75     | X-07-154-75  |
| 80     | X-07-154-80  |
| 85     | X-07-154-85  |
| 90     | X-07-154-90  |
| 95     | X-07-154-95  |
| 100    | X-07-154-100 |
| 105    | X-07-154-105 |
| 110    | X-07-154-110 |
| 115    | X-07-154-115 |
| 120    | X-07-154-120 |
| 125    | X-07-154-125 |

*Polwet nr 1 pr. 5,6***ŚRUBA SZYJKOWA SPIRALNA LITA**

| L (mm) | Nr kat<br>Ref. no. |
|--------|--------------------|
| 70     | X-07-557-70        |
| 75     | X-07-557-75        |
| 80     | X-07-557-80        |
| 85     | X-07-557-85        |
| 90     | X-07-557-90        |
| 95     | X-07-557-95        |
| 100    | X-07-557-100       |
| 105    | X-07-557-105       |
| 110    | X-07-557-110       |
| 115    | X-07-557-115       |
| 120    | X-07-557-120       |
| 125    | X-07-557-125       |
| 130    | X-07-557-130       |



*Poliet nr 1 poz. 5, 6, 11 ÷ 13, Poliet nr 2  
poz. 4 ÷ 18, Poliet nr 3 poz. 1 ÷ 16,  
Poliet nr 5 poz. 2 ÷ 4, Poliet nr 6 poz. 2, 3, Poliet nr 4  
poz. 2, 3;  
Poliet nr 8  
poz. 4, 5;  
Poliet nr 9  
poz. 3, 4;  
Poliet nr 10  
poz. 2, 3;  
Poliet nr 11  
poz. 2, 3;  
Poliet nr 12 poz. 2, 3; Poliet nr 13  
poz. 2, 3; Poliet nr 14 poz. 3, 4*

**DOSTĘPNE ODMIANY WKREŹÓW / AVAILABLE TYPES OF SCREWS**

| Pierwszy człon<br>numeru katalogowego<br>First part of REF No. | Odmiany wkreŹów / Types of screws                |
|----------------------------------------------------------------|--------------------------------------------------|
| 1                                                              | tytan / titanium                                 |
| 4                                                              | stal implantacyjna / stainless steel             |
| 5                                                              | stal implantacyjna + DLC / stainless steel + DLC |
| 11                                                             | tytan + DLC / titanium + DLC                     |
| 21                                                             | tytan lity pokryty Si-DLC / titanium + Si-DLC    |
| 24                                                             | stal pokryta Si-DLC / steel + Si-DLC             |

**PRZYKŁAD / EXAMPLE**

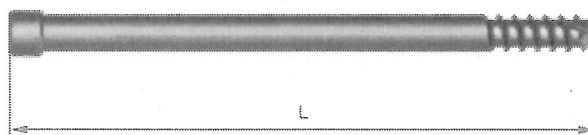
X-zz-zzz-zz

X = 1, 4, 5, 11, 21, 24

z = numeracja / number

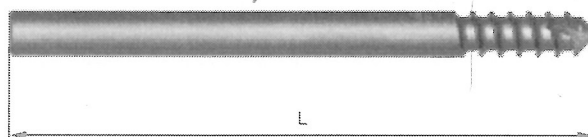
**ŚRUBY I WKRETY BLOKUJĄCE DLA GWOŹDZI BLOKOWANYCH**  
**LOCKING SCREWS FOR INTERLOCKING NAILS**
*Październik m1 poz. 12*

| L (mm) | REF        | L (mm) | REF         |
|--------|------------|--------|-------------|
| 40     | X-01-84-40 | 95     | X-01-84-95  |
| 45     | X-01-84-45 | 100    | X-01-84-100 |
| 50     | X-01-84-50 | 105    | X-01-84-105 |
| 55     | X-01-84-55 | 110    | X-01-84-110 |
| 60     | X-01-84-60 | 115    | X-01-84-115 |
| 65     | X-01-84-65 | 120    | X-01-84-120 |
| 70     | X-01-84-70 | 125    | X-01-84-125 |
| 75     | X-01-84-75 | 130    | X-01-84-130 |
| 80     | X-01-84-80 | 135    | X-01-84-135 |
| 85     | X-01-84-85 | 140    | X-01-84-140 |
| 90     | X-01-84-90 |        |             |

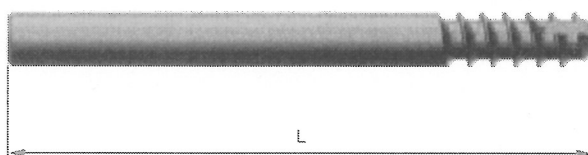

**Wkręt blokujący trzonowy ø6,5 mm**  
 Molar locking screw ø6,5 mm

*Październik m1 poz. 5,6*

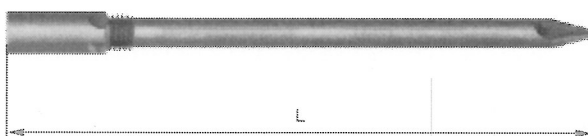
| L (mm) | REF          |
|--------|--------------|
| 65     | X-01-162-65  |
| 70     | X-01-162-70  |
| 75     | X-01-162-75  |
| 80     | X-01-162-80  |
| 85     | X-01-162-85  |
| 90     | X-01-162-90  |
| 95     | X-01-162-95  |
| 100    | X-01-162-100 |
| 105    | X-01-162-105 |
| 110    | X-01-162-110 |
| 115    | X-01-162-115 |
| 120    | X-01-162-120 |
| 125    | X-01-162-125 |


**Wkręt derotacyjny trzonowy ø6,5 mm**  
 Molar anti-rotation screw ø6,5 mm

| L (mm) | REF          |
|--------|--------------|
| 65     | X-01-163-65  |
| 70     | X-01-163-70  |
| 75     | X-01-163-75  |
| 80     | X-01-163-80  |
| 85     | X-01-163-85  |
| 90     | X-01-163-90  |
| 95     | X-01-163-95  |
| 100    | X-01-163-100 |
| 105    | X-01-163-105 |
| 110    | X-01-163-110 |
| 115    | X-01-163-115 |
| 120    | X-01-163-120 |
| 125    | X-01-163-125 |

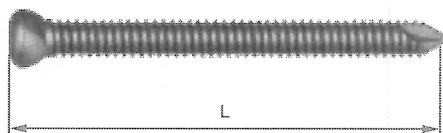

**Wkręt derotacyjny trzonowy ø6,5 mm kaniulowany**  
 Molar cannulated anti-rotation screw ø6,5 mm

| L (mm) | REF          |
|--------|--------------|
| 65     | X-07-155-65  |
| 70     | X-07-155-70  |
| 75     | X-07-155-75  |
| 80     | X-07-155-80  |
| 85     | X-07-155-85  |
| 90     | X-07-155-90  |
| 95     | X-07-155-95  |
| 100    | X-07-155-100 |
| 105    | X-07-155-105 |
| 110    | X-07-155-110 |
| 115    | X-07-155-115 |
| 120    | X-07-155-120 |
| 125    | X-07-155-125 |


**Pin derotacyjny ø4,0 mm**  
 Anti-rotation pin ø4,0 mm

**ŚRUBY I WKRETY BLOKUJĄCE DLA GWOŹDZI BLOKOWANYCH**  
**LOCKING SCREWS FOR INTERLOCKING NAILS**

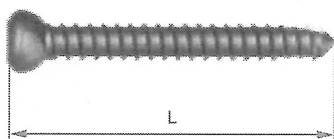
*Produkt m 1 pr. M, 13*



**Wkręt blokujący samogwintujący  $\varnothing 5,0$  mm**  
 Self tapping locking screw  $\varnothing 5,0$  mm

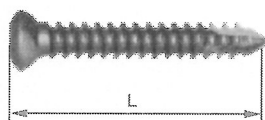
| L (mm) | REF        | L (mm) | REF         |
|--------|------------|--------|-------------|
| 26     | X-01-88-26 | 64     | X-01-88-64  |
| 28     | X-01-88-28 | 66     | X-01-88-66  |
| 30     | X-01-88-30 | 68     | X-01-88-68  |
| 32     | X-01-88-32 | 70     | X-01-88-70  |
| 34     | X-01-88-34 | 72     | X-01-88-72  |
| 36     | X-01-88-36 | 74     | X-01-88-74  |
| 38     | X-01-88-38 | 76     | X-01-88-76  |
| 40     | X-01-88-40 | 78     | X-01-88-78  |
| 42     | X-01-88-42 | 80     | X-01-88-80  |
| 44     | X-01-88-44 | 82     | X-01-88-82  |
| 46     | X-01-88-46 | 84     | X-01-88-84  |
| 48     | X-01-88-48 | 86     | X-01-88-86  |
| 50     | X-01-88-50 | 88     | X-01-88-88  |
| 52     | X-01-88-52 | 90     | X-01-88-90  |
| 54     | X-01-88-54 | 92     | X-01-88-92  |
| 56     | X-01-88-56 | 94     | X-01-88-94  |
| 58     | X-01-88-58 | 96     | X-01-88-96  |
| 60     | X-01-88-60 | 98     | X-01-88-98  |
| 62     | X-01-88-62 | 100    | X-01-88-100 |

*Produkt m 1 pr. M, 13*



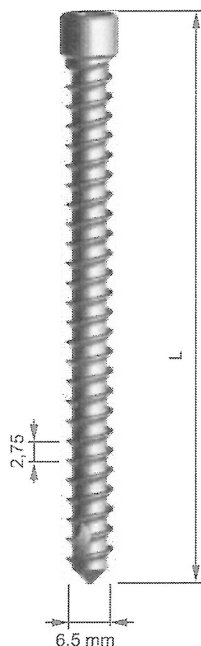
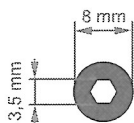
**Wkręt blokujący samogwintujący  $\varnothing 4,5$  mm**  
 Self tapping locking screw  $\varnothing 4,5$  mm

| L (mm) | REF        | L (mm) | REF         |
|--------|------------|--------|-------------|
| 26     | X-01-86-26 | 64     | X-01-86-64  |
| 28     | X-01-86-28 | 66     | X-01-86-66  |
| 30     | X-01-86-30 | 68     | X-01-86-68  |
| 32     | X-01-86-32 | 70     | X-01-86-70  |
| 34     | X-01-86-34 | 72     | X-01-86-72  |
| 36     | X-01-86-36 | 74     | X-01-86-74  |
| 38     | X-01-86-38 | 76     | X-01-86-76  |
| 40     | X-01-86-40 | 78     | X-01-86-78  |
| 42     | X-01-86-42 | 80     | X-01-86-80  |
| 44     | X-01-86-44 | 82     | X-01-86-82  |
| 46     | X-01-86-46 | 84     | X-01-86-84  |
| 48     | X-01-86-48 | 86     | X-01-86-86  |
| 50     | X-01-86-50 | 88     | X-01-86-88  |
| 52     | X-01-86-52 | 90     | X-01-86-90  |
| 54     | X-01-86-54 | 92     | X-01-86-92  |
| 56     | X-01-86-56 | 94     | X-01-86-94  |
| 58     | X-01-86-58 | 96     | X-01-86-96  |
| 60     | X-01-86-60 | 98     | X-01-86-98  |
| 62     | X-01-86-62 | 100    | X-01-86-100 |



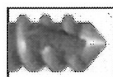
**Wkręt korowy samogwintujący  $\varnothing 3,5$  mm**  
 Self tapping cortical screw  $\varnothing 3,5$  mm

| L (mm) | REF        |
|--------|------------|
| 10     | X-01-51-10 |
| 12     | X-01-51-12 |
| 14     | X-01-51-14 |
| 16     | X-01-51-16 |
| 18     | X-01-51-18 |
| 20     | X-01-51-20 |
| 22     | X-01-51-22 |
| 24     | X-01-51-24 |
| 26     | X-01-51-26 |
| 28     | X-01-51-28 |
| 30     | X-01-51-30 |
| 32     | X-01-51-32 |
| 34     | X-01-51-34 |

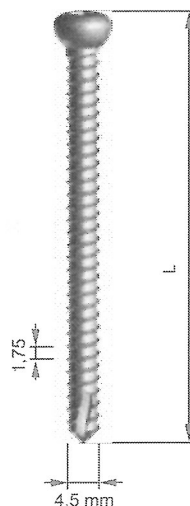
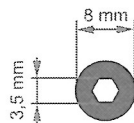


*Polish nr 1 poz. 12*

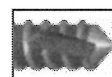
**WKRĘT BLOKUJĄCY**  
**samogwintujący**  
**LOCKING SCREW**  
**self-tapping**  
**ø 6,5 x 2,75 mm**



| L (mm) | ⊙          | L (mm) | ⊙           |
|--------|------------|--------|-------------|
| 40     | X-01-85-40 | 82     | X-01-85-82  |
| 42     | X-01-85-42 | 84     | X-01-85-84  |
| 44     | X-01-85-44 | 86     | X-01-85-86  |
| 46     | X-01-85-46 | 88     | X-01-85-88  |
| 48     | X-01-85-48 | 90     | X-01-85-90  |
| 50     | X-01-85-50 | 92     | X-01-85-92  |
| 52     | X-01-85-52 | 94     | X-01-85-94  |
| 54     | X-01-85-54 | 96     | X-01-85-96  |
| 56     | X-01-85-56 | 98     | X-01-85-98  |
| 58     | X-01-85-58 | 100    | X-01-85-100 |
| 60     | X-01-85-60 | 102    | X-01-85-102 |
| 62     | X-01-85-62 | 104    | X-01-85-104 |
| 64     | X-01-85-64 | 106    | X-01-85-106 |
| 66     | X-01-85-66 | 108    | X-01-85-108 |
| 68     | X-01-85-68 | 110    | X-01-85-110 |
| 70     | X-01-85-70 | 112    | X-01-85-112 |
| 72     | X-01-85-72 | 114    | X-01-85-114 |
| 74     | X-01-85-74 | 116    | X-01-85-116 |
| 76     | X-01-85-76 | 118    | X-01-85-118 |
| 78     | X-01-85-78 | 120    | X-01-85-120 |
| 80     | X-01-85-80 |        |             |



**WKRĘT BLOKUJĄCY**  
**samogwintujący**  
**LOCKING SCREW**  
**self-tapping**  
**ø 4,5 mm**



| L (mm) | ⊙          | L (mm) | ⊙           |
|--------|------------|--------|-------------|
| 16     | X-01-86-16 | 60     | X-01-86-60  |
| 18     | X-01-86-18 | 62     | X-01-86-62  |
| 20     | X-01-86-20 | 64     | X-01-86-64  |
| 22     | X-01-86-22 | 66     | X-01-86-66  |
| 24     | X-01-86-24 | 68     | X-01-86-68  |
| 26     | X-01-86-26 | 70     | X-01-86-70  |
| 28     | X-01-86-28 | 72     | X-01-86-72  |
| 30     | X-01-86-30 | 74     | X-01-86-74  |
| 32     | X-01-86-32 | 76     | X-01-86-76  |
| 34     | X-01-86-34 | 78     | X-01-86-78  |
| 36     | X-01-86-36 | 80     | X-01-86-80  |
| 38     | X-01-86-38 | 82     | X-01-86-82  |
| 40     | X-01-86-40 | 84     | X-01-86-84  |
| 42     | X-01-86-42 | 86     | X-01-86-86  |
| 44     | X-01-86-44 | 88     | X-01-86-88  |
| 46     | X-01-86-46 | 90     | X-01-86-90  |
| 48     | X-01-86-48 | 92     | X-01-86-92  |
| 50     | X-01-86-50 | 94     | X-01-86-94  |
| 52     | X-01-86-52 | 96     | X-01-86-96  |
| 54     | X-01-86-54 | 98     | X-01-86-98  |
| 56     | X-01-86-56 | 100    | X-01-86-100 |
| 58     | X-01-86-58 |        |             |

*Pakiet nr 2 poz. 1 ÷ 6, 19 ÷ 30, Pakiet nr 22 poz. 6*  
*Pakiet nr 23 poz. 6*

**DOSTĘPNE ODMIANY PRODUKTÓW / AVAILABLE TYPES OF PRODUCTS**

| Pierwszy człon<br>numeru katalogowego<br>First part of REF No. | Odmiany produktów / Types of products            |
|----------------------------------------------------------------|--------------------------------------------------|
| 1                                                              | tytan / titanium                                 |
| 4                                                              | stal implantacyjna / stainless steel             |
| 5                                                              | stal implantacyjna + DLC / stainless steel + DLC |
| 11                                                             | tytan + DLC / titanium + DLC                     |
| 21                                                             | tytan lity pokryty Si-DLC / titanium + Si-DLC    |
| 24                                                             | stal Si-DLC / steel + Si-DLC                     |

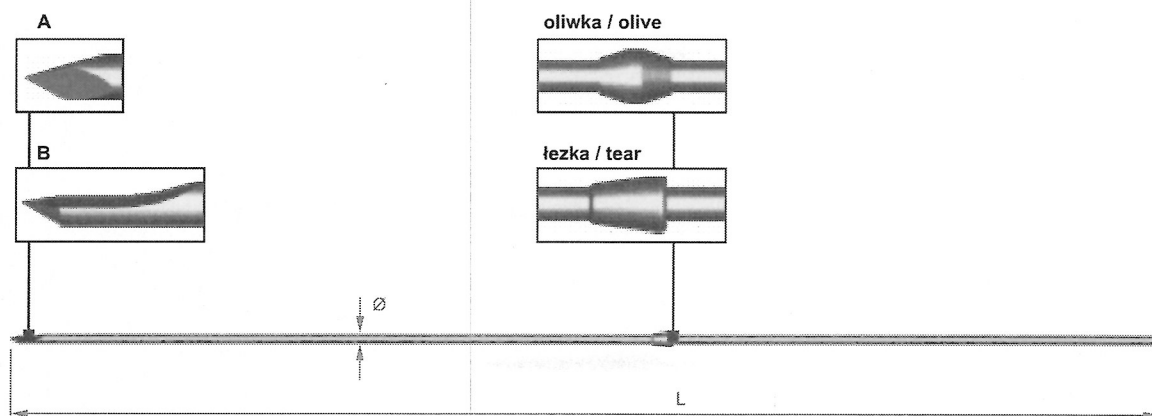
**PRZYKŁAD / EXAMPLE**

X-zz-zzz-zz

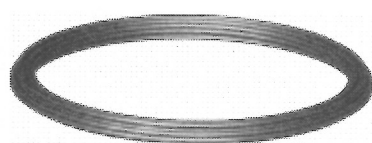
X = 1,4,5,11,21,24

z = numeracja / number




**GWÓŹDŹ KOSTNY Z OGRANICZNIKIEM**  
**BONE NAIL WITH LIMITER**

| L (mm) | Ø (mm) | OSTRZE<br>BLADE | OLIWKA<br>OLIVE | ŁEZKA<br>TEAR |
|--------|--------|-----------------|-----------------|---------------|
| 330    | 1,5    | A               | X-06-68-01      | X-06-69-01    |
| 330    | 1,8    | A               | X-06-68-02      | X-06-69-02    |
| 330    | 2,0    | A               | X-06-68-03      | X-06-69-03    |
| 330    | 2,5    | A               | X-06-68-04      | X-06-69-04    |
| 380    | 1,5    | A               | X-06-68-05      | X-06-69-05    |
| 380    | 1,8    | A               | X-06-68-06      | X-06-69-06    |
| 380    | 2,0    | A               | X-06-68-07      | X-06-69-07    |
| 380    | 2,5    | A               | X-06-68-08      | X-06-69-08    |
| 330    | 1,5    | B               | X-06-68-11      | X-06-69-11    |
| 330    | 1,8    | B               | X-06-68-12      | X-06-69-12    |
| 330    | 2,0    | B               | X-06-68-13      | X-06-69-13    |
| 330    | 2,5    | B               | X-06-68-14      | X-06-69-14    |
| 380    | 1,5    | B               | X-06-68-15      | X-06-69-15    |
| 380    | 1,8    | B               | X-06-68-16      | X-06-69-16    |
| 380    | 2,0    | B               | X-06-68-17      | X-06-69-17    |
| 380    | 2,5    | B               | X-06-68-18      | X-06-69-18    |



*Poliset nr 2 por. 1 ÷ 6*

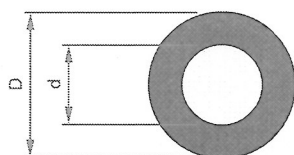
**DRUT DO CERKLARZU L=5 m**  
**WIRE FOR CERCLAGE L=5 m**

| Ø (mm) | miękki<br>soft | twardy<br>hard |
|--------|----------------|----------------|
| 0,2    | X-06-90-02     | X-06-91-02     |
| 0,3    | X-06-90-03     | X-06-91-03     |
| 0,4    | X-06-90-04     | X-06-91-04     |
| 0,5    | X-06-90-05     | X-06-91-05     |
| 0,6    | X-06-90-06     | X-06-91-06     |
| 0,7    | X-06-90-07     | X-06-91-07     |
| 0,8    | X-06-90-08     | X-06-91-08     |
| 0,9    | X-06-90-09     | X-06-91-09     |
| 1,0    | X-06-90-10     | X-06-91-10     |
| 1,2    | X-06-90-12     | X-06-91-12     |
| 1,5    | X-06-90-15     | X-06-91-15     |



**DRUT DO CERKLARZU PROSTY Z OCZKIEM**  
**WIRE FOR CERCLAGE WITH EYE**

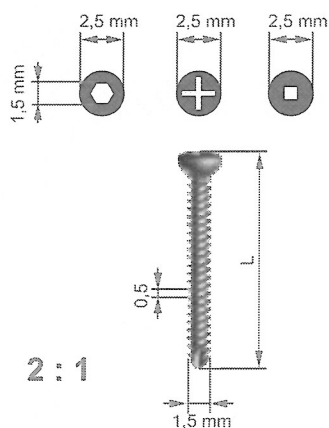
| L (mm) | Ø (mm) | Nr kat.      |
|--------|--------|--------------|
| 280    | 8,0    | X-06-142-280 |
| 280    | 1,0    | X-06-143-280 |
| 280    | 1,2    | X-06-144-280 |
| 280    | 1,5    | X-06-145-280 |
| 350    | 1,0    | X-06-143-350 |
| 350    | 1,2    | X-06-144-350 |
| 350    | 1,5    | X-06-145-350 |
| 600    | 1,0    | X-06-143-600 |
| 600    | 1,2    | X-06-144-600 |
| 600    | 1,5    | X-06-145-600 |



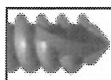
*Podiet nr 2 pr. 7 ÷ 12*

**PODKŁADKA**  
**WASHER**

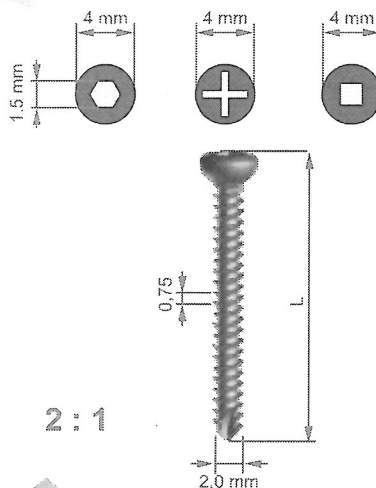
| g (mm) | d (mm) | D (mm) | Ø wkręta | Nr kat.       |
|--------|--------|--------|----------|---------------|
| 1      | 2,8    | 7      | 2,0-2,7  | X-01-99-01    |
| 1,5    | 3,1    | 6,5    | 2,0-2,7  | X-01-99-40    |
| 1,5    | 3,1    | 7      | 2,0-2,7  | X-01-99-02    |
| 1,5    | 3,7    | 10     | 3,5      | X-01-99-39    |
| 1,5    | 4,2    | 7      | 3,5-4,0  | X-01-99-03    |
| 1,5    | 4,2    | 8      | 3,5-4,0  | X-01-99-05    |
| 1,5    | 4,2    | 10     | 3,5-4,0  | X-01-99-06    |
| 1,5    | 4,2    | 11     | 3,5-4,0  | X-01-99-07    |
| 1,5    | 4,2    | 11     | 4,5      | X-01-99-45/07 |
| 1,5    | 4,5    | 10     | 4,5      | X-01-99-08    |
| 1,5    | 4,7    | 10     | 4,5      | X-01-99-09    |
| 1,5    | 5,0    | 10     | 4,5-5,0  | X-01-99-11    |
| 1,5    | 5,0    | 11     | 4,5      | X-01-99-35    |
| 1,5    | 5,0    | 13     | 4,5-5,0  | X-01-99-36    |
| 1,5    | 5,0    | 15     | 4,5-5,0  | X-01-99-12    |
| 1,5    | 5,0    | 19     | 4,5-5,0  | X-01-99-41    |
| 1,5    | 5,5    | 10     | 4,5-5,0  | X-01-99-15    |
| 1,5    | 5,5    | 13     | 4,5-5,0  | X-01-99-16    |
| 1,5    | 5,5    | 15     | 4,5-5,0  | X-01-99-17    |
| 1,5    | 5,5    | 16     | 4,5-5,0  | X-01-99-18    |
| 1,5    | 5,5    | 20     | 4,5-5,0  | X-01-99-19    |
| 1,5    | 6,0    | 13     | 6,0      | X-01-99-22    |
| 1,5    | 6,7    | 11     | 6,5      | X-01-99-37    |
| 1,5    | 6,7    | 13     | 6,5      | X-01-99-23    |
| 1,5    | 6,7    | 16     | 6,5      | X-01-99-24    |
| 1,5    | 6,7    | 20     | 6,5      | X-01-99-25    |
| 1,5    | 7,0    | 16     | 7,0      | X-01-99-26    |
| 1,5    | 7,2    | 10     | 7,0      | X-01-99-27    |
| 1,5    | 7,2    | 13     | 7,0      | X-01-99-28    |
| 1,5    | 7,2    | 15     | 7,0      | X-01-99-29    |
| 1,5    | 7,2    | 16     | 7,0      | X-01-99-30    |
| 1,5    | 7,2    | 19     | 7,0      | X-01-99-38    |
| 1,5    | 7,2    | 20     | 7,0      | X-01-99-31    |
| 1,5    | 8,0    | 16     | 8,0      | X-01-99-32    |
| 1,5    | 8,2    | 16     | 8,0      | X-01-99-33    |
| 1,5    | 8,2    | 20     | 8,0      | X-01-99-34    |



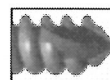
**WKREĆ DO KOŚCI DROBNYCH**  
**samogwintujący**  
**SCREW FOR SMALL BONE FRAGMENTS**  
**self-tapping**  
**ø 1,5 x 0,5 mm**



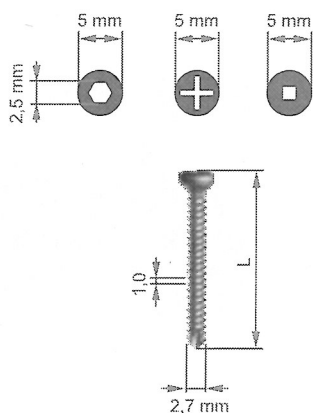
| L (mm) | ⊕          | +          | ⊖          |
|--------|------------|------------|------------|
| 5      | X-01-42-05 | X-01-43-05 | X-01-44-05 |
| 6      | X-01-42-06 | X-01-43-06 | X-01-44-06 |
| 7      | X-01-42-07 | X-01-43-07 | X-01-44-07 |
| 8      | X-01-42-08 | X-01-43-08 | X-01-44-08 |
| 9      | X-01-42-09 | X-01-43-09 | X-01-44-09 |
| 10     | X-01-42-10 | X-01-43-10 | X-01-44-10 |
| 11     | X-01-42-11 | X-01-43-11 | X-01-44-11 |
| 12     | X-01-42-12 | X-01-43-12 | X-01-44-12 |
| 14     | X-01-42-14 | X-01-43-14 | X-01-44-14 |
| 16     | X-01-42-16 | X-01-43-16 | X-01-44-16 |
| 18     | X-01-42-18 | X-01-43-18 | X-01-44-18 |
| 20     | X-01-42-20 | X-01-43-20 | X-01-44-20 |
| 22     | X-01-42-22 | X-01-43-22 | X-01-44-22 |



**WKREĆ DO KOŚCI DROBNYCH**  
**samogwintujący**  
**SCREW FOR SMALL BONE FRAGMENTS**  
**self-tapping**  
**ø 2,0 x 0,75 mm**

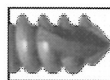


| L (mm) | ⊕          | +          | ⊖          |
|--------|------------|------------|------------|
| 5      | X-01-45-05 | X-01-46-05 | X-01-47-05 |
| 6      | X-01-45-06 | X-01-46-06 | X-01-47-06 |
| 8      | X-01-45-08 | X-01-46-08 | X-01-47-08 |
| 10     | X-01-45-10 | X-01-46-10 | X-01-47-10 |
| 12     | X-01-45-12 | X-01-46-12 | X-01-47-12 |
| 14     | X-01-45-14 | X-01-46-14 | X-01-47-14 |
| 16     | X-01-45-16 | X-01-46-16 | X-01-47-16 |
| 18     | X-01-45-18 | X-01-46-18 | X-01-47-18 |
| 20     | X-01-45-20 | X-01-46-20 | X-01-47-20 |
| 22     | X-01-45-22 | X-01-46-22 | X-01-47-22 |
| 24     | X-01-45-24 | X-01-46-24 | X-01-47-24 |
| 26     | X-01-45-26 | X-01-46-26 | X-01-47-26 |
| 28     | X-01-45-28 | X-01-46-28 | X-01-47-28 |
| 30     | X-01-45-30 | X-01-46-30 | X-01-47-30 |
| 32     | X-01-45-32 | X-01-46-32 | X-01-47-32 |
| 34     | X-01-45-34 | X-01-46-34 | X-01-47-34 |
| 36     | X-01-45-36 | X-01-46-36 | X-01-47-36 |
| 38     | X-01-45-38 | X-01-46-38 | X-01-47-38 |
| 40     | X-01-45-40 | X-01-46-40 | X-01-47-40 |

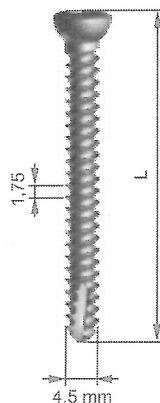
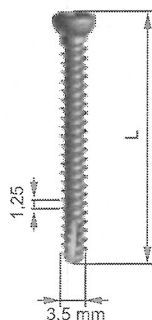
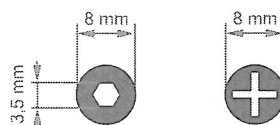
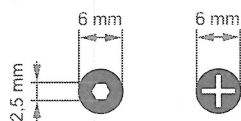


**WKREĆ DO KOŚCI DROBNYCH**  
**samogwintujący**  
**SCREW FOR SMALL BONE FRAGMENTS**  
**self-tapping**  
**ø 2,7 x 1,0 mm**

*Bluet nr 2 prz. 13*

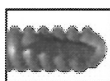


| L (mm) | ⊕          | +          | ⊖          |
|--------|------------|------------|------------|
| 6      | X-01-48-06 | X-01-49-06 | X-01-50-06 |
| 8      | X-01-48-08 | X-01-49-08 | X-01-50-08 |
| 10     | X-01-48-10 | X-01-49-10 | X-01-50-10 |
| 12     | X-01-48-12 | X-01-49-12 | X-01-50-12 |
| 14     | X-01-48-14 | X-01-49-14 | X-01-50-14 |
| 16     | X-01-48-16 | X-01-49-16 | X-01-50-16 |
| 18     | X-01-48-18 | X-01-49-18 | X-01-50-18 |
| 20     | X-01-48-20 | X-01-49-20 | X-01-50-20 |
| 22     | X-01-48-22 | X-01-49-22 | X-01-50-22 |
| 24     | X-01-48-24 | X-01-49-24 | X-01-50-24 |
| 26     | X-01-48-26 | X-01-49-26 | X-01-50-26 |
| 28     | X-01-48-28 | X-01-49-28 | X-01-50-28 |
| 30     | X-01-48-30 | X-01-49-30 | X-01-50-30 |
| 32     | X-01-48-32 | X-01-49-32 | X-01-50-32 |
| 34     | X-01-48-34 | X-01-49-34 | X-01-50-34 |
| 36     | X-01-48-36 | X-01-49-36 | X-01-50-36 |
| 38     | X-01-48-38 | X-01-49-38 | X-01-50-38 |
| 40     | X-01-48-40 | X-01-49-40 | X-01-50-40 |
| 42     | X-01-48-42 | X-01-49-42 | X-01-50-42 |
| 44     | X-01-48-44 | X-01-49-44 | X-01-50-44 |



▲ *Peliet nr 2 pr. 14*

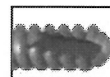
**WKREĆ DO KOŚCI KOROWEJ**  
**samogwintujący**  
**CORTICAL SCREW**  
**self-tapping**  
**ø 3,5 x 1,25 mm**



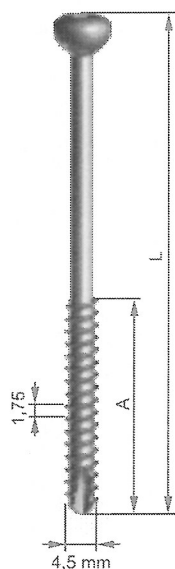
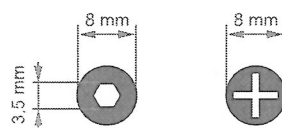
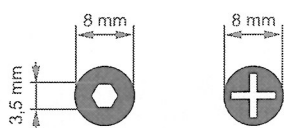
| L (mm) | ⊕           | ⊕           |
|--------|-------------|-------------|
| 8      | X-01-01-08  | X-01-02-08  |
| 10     | X-01-01-10  | X-01-02-10  |
| 12     | X-01-01-12  | X-01-02-12  |
| 14     | X-01-01-14  | X-01-02-14  |
| 16     | X-01-01-16  | X-01-02-16  |
| 18     | X-01-01-18  | X-01-02-18  |
| 20     | X-01-01-20  | X-01-02-20  |
| 22     | X-01-01-22  | X-01-02-22  |
| 24     | X-01-01-24  | X-01-02-24  |
| 26     | X-01-01-26  | X-01-02-26  |
| 28     | X-01-01-28  | X-01-02-28  |
| 30     | X-01-01-30  | X-01-02-30  |
| 32     | X-01-01-32  | X-01-02-32  |
| 34     | X-01-01-34  | X-01-02-34  |
| 36     | X-01-01-36  | X-01-02-36  |
| 38     | X-01-01-38  | X-01-02-38  |
| 40     | X-01-01-40  | X-01-02-40  |
| 45     | X-01-01-45  | X-01-02-45  |
| 50     | X-01-01-50  | X-01-02-50  |
| 55     | X-01-01-55  | X-01-02-55  |
| 60     | X-01-01-60  | X-01-02-60  |
| 65     | X-01-01-65  | X-01-02-65  |
| 70     | X-01-01-70  | X-01-02-70  |
| 75     | X-01-01-75  | X-01-02-75  |
| 80     | X-01-01-80  | X-01-02-80  |
| 85     | X-01-01-85  | X-01-02-85  |
| 90     | X-01-01-90  | X-01-02-90  |
| 95     | X-01-01-95  | X-01-02-95  |
| 100    | X-01-01-100 | X-01-02-100 |
| 105    | X-01-01-105 | X-01-02-105 |
| 110    | X-01-01-110 | X-01-02-110 |
| 115    | X-01-01-115 | X-01-02-115 |
| 120    | X-01-01-120 | X-01-02-120 |

▲ *Peliet nr 2 pr. 15*

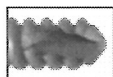
**WKREĆ DO KOŚCI KOROWEJ**  
**samogwintujący**  
**CORTICAL SCREW**  
**self-tapping**  
**ø 4,5 x 1,75 mm**



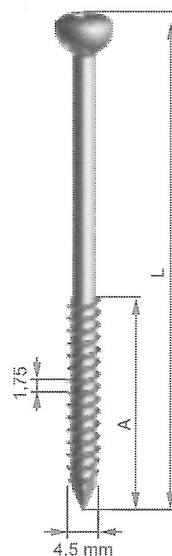
| L (mm) | ⊕          | ⊕          | L (mm) | ⊕           | ⊕           |
|--------|------------|------------|--------|-------------|-------------|
| 12     | X-01-04-12 | X-01-05-12 | 66     | X-01-04-66  | X-01-05-66  |
| 14     | X-01-04-14 | X-01-05-14 | 68     | X-01-04-68  | X-01-05-68  |
| 16     | X-01-04-16 | X-01-05-16 | 70     | X-01-04-70  | X-01-05-70  |
| 18     | X-01-04-18 | X-01-05-18 | 72     | X-01-04-72  | X-01-05-72  |
| 20     | X-01-04-20 | X-01-05-20 | 74     | X-01-04-74  | X-01-05-74  |
| 22     | X-01-04-22 | X-01-05-22 | 76     | X-01-04-76  | X-01-05-76  |
| 24     | X-01-04-24 | X-01-05-24 | 78     | X-01-04-78  | X-01-05-78  |
| 26     | X-01-04-26 | X-01-05-26 | 80     | X-01-04-80  | X-01-05-80  |
| 28     | X-01-04-28 | X-01-05-28 | 82     | X-01-04-82  | X-01-05-82  |
| 30     | X-01-04-30 | X-01-05-30 | 84     | X-01-04-84  | X-01-05-84  |
| 32     | X-01-04-32 | X-01-05-32 | 86     | X-01-04-86  | X-01-05-86  |
| 34     | X-01-04-34 | X-01-05-34 | 88     | X-01-04-88  | X-01-05-88  |
| 36     | X-01-04-36 | X-01-05-36 | 90     | X-01-04-90  | X-01-05-90  |
| 38     | X-01-04-38 | X-01-05-38 | 95     | X-01-04-95  | X-01-05-95  |
| 40     | X-01-04-40 | X-01-05-40 | 100    | X-01-04-100 | X-01-05-100 |
| 42     | X-01-04-42 | X-01-05-42 | 105    | X-01-04-105 | X-01-05-105 |
| 44     | X-01-04-44 | X-01-05-44 | 110    | X-01-04-110 | X-01-05-110 |
| 46     | X-01-04-46 | X-01-05-46 | 115    | X-01-04-115 | X-01-05-115 |
| 48     | X-01-04-48 | X-01-05-48 | 120    | X-01-04-120 | X-01-05-120 |
| 50     | X-01-04-50 | X-01-05-50 | 125    | X-01-04-125 | X-01-05-125 |
| 52     | X-01-04-52 | X-01-05-52 | 130    | X-01-04-130 | X-01-05-130 |
| 54     | X-01-04-54 | X-01-05-54 | 135    | X-01-04-135 | X-01-05-135 |
| 56     | X-01-04-56 | X-01-05-56 | 140    | X-01-04-140 | X-01-05-140 |
| 58     | X-01-04-58 | X-01-05-58 | 145    | X-01-04-145 | X-01-05-145 |
| 60     | X-01-04-60 | X-01-05-60 | 150    | X-01-04-150 | X-01-05-150 |
| 62     | X-01-04-62 | X-01-05-62 |        |             |             |
| 64     | X-01-04-64 | X-01-05-64 |        |             |             |



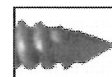
**WKREĆ KOSTKOWY  
samogwintujący  
MALLEOLAR SCREW  
self-tapping  
ø 4,5 x 1,75 mm**



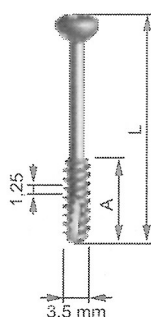
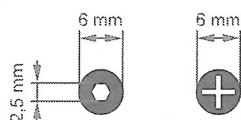
| L (mm) | A (mm) | ⊕           | ⊕           |
|--------|--------|-------------|-------------|
| 20     | 10     | X-01-32-20  | X-01-35-20  |
| 25     | 12     | X-01-32-25  | X-01-35-25  |
| 30     | 15     | X-01-32-30  | X-01-35-30  |
| 35     | 17     | X-01-32-35  | X-01-35-35  |
| 40     | 20     | X-01-32-40  | X-01-35-40  |
| 45     | 22     | X-01-32-45  | X-01-35-45  |
| 50     | 25     | X-01-32-50  | X-01-35-50  |
| 55     | 27     | X-01-32-55  | X-01-35-55  |
| 60     | 29     | X-01-32-60  | X-01-35-60  |
| 65     | 31     | X-01-32-65  | X-01-35-65  |
| 70     | 33     | X-01-32-70  | X-01-35-70  |
| 75     | 37     | X-01-32-75  | X-01-35-75  |
| 80     | 40     | X-01-32-80  | X-01-35-80  |
| 85     | 42     | X-01-32-85  | X-01-35-85  |
| 90     | 45     | X-01-32-90  | X-01-35-90  |
| 95     | 47     | X-01-32-95  | X-01-35-95  |
| 100    | 50     | X-01-32-100 | X-01-35-100 |
| 105    | 52     | X-01-32-105 | X-01-35-105 |
| 110    | 55     | X-01-32-110 | X-01-35-110 |
| 115    | 57     | X-01-32-115 | X-01-35-115 |
| 120    | 60     | X-01-32-120 | X-01-35-120 |



**WKREĆ KOSTKOWY - TRÓJGRANIEC  
samogwintujący  
MALLEOLAR SCREW  
self-tapping  
ø 4,5 x 1,75 mm**



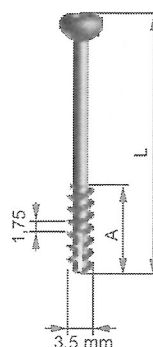
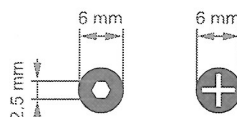
| L (mm) | A (mm) | ⊕           | ⊕           |
|--------|--------|-------------|-------------|
| 20     | 10     | X-01-33-20  | X-01-34-20  |
| 25     | 12     | X-01-33-25  | X-01-34-25  |
| 30     | 15     | X-01-33-30  | X-01-34-30  |
| 35     | 17     | X-01-33-35  | X-01-34-35  |
| 40     | 20     | X-01-33-40  | X-01-34-40  |
| 45     | 22     | X-01-33-45  | X-01-34-45  |
| 50     | 25     | X-01-33-50  | X-01-34-50  |
| 55     | 27     | X-01-33-55  | X-01-34-55  |
| 60     | 29     | X-01-33-60  | X-01-34-60  |
| 65     | 31     | X-01-33-65  | X-01-34-65  |
| 70     | 33     | X-01-33-70  | X-01-34-70  |
| 75     | 37     | X-01-33-75  | X-01-34-75  |
| 80     | 40     | X-01-33-80  | X-01-34-80  |
| 85     | 42     | X-01-33-85  | X-01-34-85  |
| 90     | 45     | X-01-33-90  | X-01-34-90  |
| 95     | 47     | X-01-33-95  | X-01-34-95  |
| 100    | 50     | X-01-33-100 | X-01-34-100 |
| 105    | 52     | X-01-33-105 | X-01-34-105 |
| 110    | 55     | X-01-33-110 | X-01-34-110 |
| 115    | 57     | X-01-33-115 | X-01-34-115 |
| 120    | 60     | X-01-33-120 | X-01-34-120 |



**WKREĆ DO KOŚCI ŁÓDKOWATEJ**  
**samogwintujący**  
**NAVICULAR SCREW**  
**self-tapping**  
**ø 3,5 x 1,25 mm**

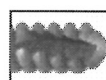


| L (mm) | A (mm) | ⊖          | +          |
|--------|--------|------------|------------|
| 8      | 4      | X-01-06-08 | X-01-07-08 |
| 10     | 5      | X-01-06-10 | X-01-07-10 |
| 12     | 6      | X-01-06-12 | X-01-07-12 |
| 14     | 6      | X-01-06-14 | X-01-07-14 |
| 16     | 6      | X-01-06-16 | X-01-07-16 |
| 18     | 8      | X-01-06-18 | X-01-07-18 |
| 20     | 8      | X-01-06-20 | X-01-07-20 |
| 22     | 10     | X-01-06-22 | X-01-07-22 |
| 24     | 10     | X-01-06-24 | X-01-07-24 |
| 26     | 10     | X-01-06-26 | X-01-07-26 |
| 28     | 10     | X-01-06-28 | X-01-07-28 |
| 30     | 12     | X-01-06-30 | X-01-07-30 |
| 32     | 12     | X-01-06-32 | X-01-07-32 |



*Podłut m 2 prz. 17*

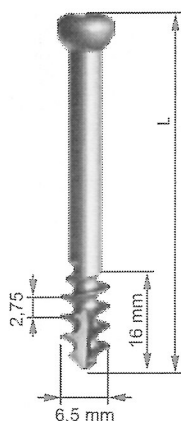
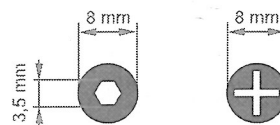
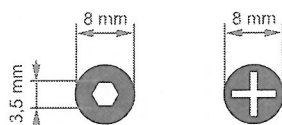
**WKREĆ DO KOŚCI ŁÓDKOWATEJ**  
**LUB GĄBCZASTEJ samogwintujący**  
**NAVICULAR OR CANCELLOUS SCREW**  
**self-tapping**  
**ø 3,5 x 1,75 mm**



| L (mm) | A (mm) | ⊖          | +          |
|--------|--------|------------|------------|
| 10     | 5      | X-01-09-10 | X-01-10-10 |
| 12     | 6      | X-01-09-12 | X-01-10-12 |
| 14     | 6      | X-01-09-14 | X-01-10-14 |
| 16     | 6      | X-01-09-16 | X-01-10-16 |
| 18     | 8      | X-01-09-18 | X-01-10-18 |
| 20     | 8      | X-01-09-20 | X-01-10-20 |
| 22     | 10     | X-01-09-22 | X-01-10-22 |
| 24     | 10     | X-01-09-24 | X-01-10-24 |
| 26     | 10     | X-01-09-26 | X-01-10-26 |
| 28     | 10     | X-01-09-28 | X-01-10-28 |
| 30     | 12     | X-01-09-30 | X-01-10-30 |
| 32     | 12     | X-01-09-32 | X-01-10-32 |
| 34     | 12     | X-01-09-34 | X-01-10-34 |
| 36     | 12     | X-01-09-36 | X-01-10-36 |
| 38     | 14     | X-01-09-38 | X-01-10-38 |
| 40     | 14     | X-01-09-40 | X-01-10-40 |
| 42     | 14     | X-01-09-42 | X-01-10-42 |
| 44     | 16     | X-01-09-44 | X-01-10-44 |
| 46     | 16     | X-01-09-46 | X-01-10-46 |
| 48     | 16     | X-01-09-48 | X-01-10-48 |
| 50     | 16     | X-01-09-50 | X-01-10-50 |
| 52     | 18     | X-01-09-52 | X-01-10-52 |
| 54     | 18     | X-01-09-54 | X-01-10-54 |
| 56     | 18     | X-01-09-56 | X-01-10-56 |
| 58     | 18     | X-01-09-58 | X-01-10-58 |
| 60     | 18     | X-01-09-60 | X-01-10-60 |



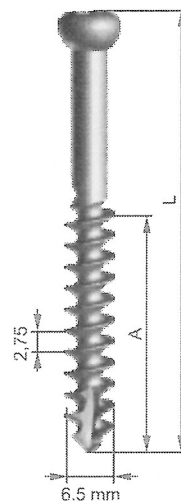
*Patent w 2 pos. 18*



**WKREĆ DO KOŚCI GĄBCZASTEJ**  
**samogwintujący**  
**CANCELLOUS SCREW**  
**self-tapping**  
**ø 6,5 x 2,75 mm**



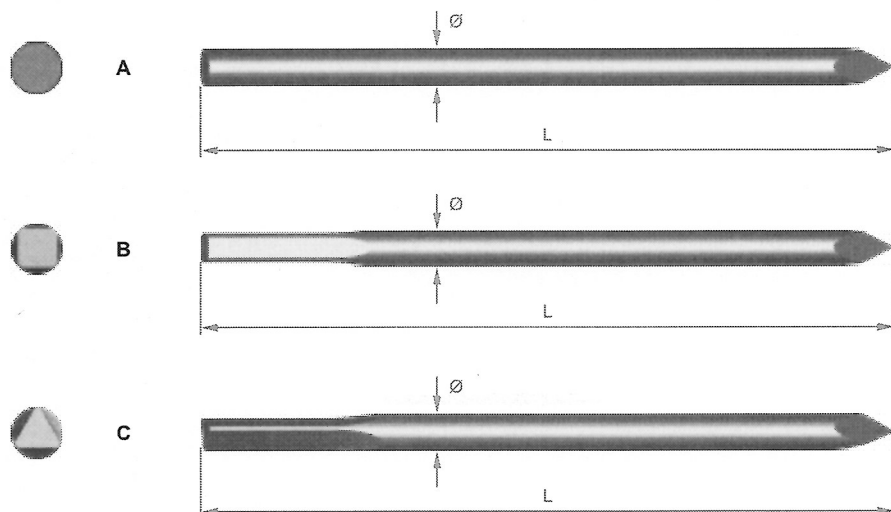
| L (mm) | ⊕           | ⊕           |
|--------|-------------|-------------|
| 25     | X-01-18-25  | X-01-19-25  |
| 30     | X-01-18-30  | X-01-19-30  |
| 35     | X-01-18-35  | X-01-19-35  |
| 40     | X-01-18-40  | X-01-19-40  |
| 45     | X-01-18-45  | X-01-19-45  |
| 50     | X-01-18-50  | X-01-19-50  |
| 55     | X-01-18-55  | X-01-19-55  |
| 60     | X-01-18-60  | X-01-19-60  |
| 65     | X-01-18-65  | X-01-19-65  |
| 70     | X-01-18-70  | X-01-19-70  |
| 75     | X-01-18-75  | X-01-19-75  |
| 80     | X-01-18-80  | X-01-19-80  |
| 85     | X-01-18-85  | X-01-19-85  |
| 90     | X-01-18-90  | X-01-19-90  |
| 95     | X-01-18-95  | X-01-19-95  |
| 100    | X-01-18-100 | X-01-19-100 |
| 105    | X-01-18-105 | X-01-19-105 |
| 110    | X-01-18-110 | X-01-19-110 |
| 115    | X-01-18-115 | X-01-19-115 |
| 120    | X-01-18-120 | X-01-19-120 |
| 125    | X-01-18-125 | X-01-19-125 |
| 130    | X-01-18-130 | X-01-19-130 |
| 135    | X-01-18-135 | X-01-19-135 |
| 140    | X-01-18-140 | X-01-19-140 |



**WKREĆ DO KOŚCI GĄBCZASTEJ**  
**samogwintujący**  
**CANCELLOUS SCREW**  
**self-tapping**  
**ø 6,5 x 2,75 mm**

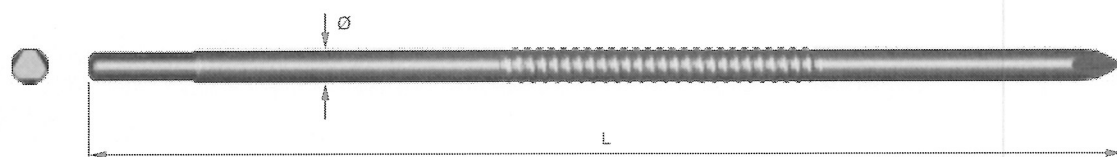


| L (mm) | A (mm) | ⊕           | ⊕           |
|--------|--------|-------------|-------------|
| 30     | 22     | X-01-21-30  | X-01-22-30  |
| 35     | 27     | X-01-21-35  | X-01-22-35  |
| 40     | 32     | X-01-21-40  | X-01-22-40  |
| 45     | 32     | X-01-21-45  | X-01-22-45  |
| 50     | 32     | X-01-21-50  | X-01-22-50  |
| 55     | 32     | X-01-21-55  | X-01-22-55  |
| 60     | 32     | X-01-21-60  | X-01-22-60  |
| 65     | 32     | X-01-21-65  | X-01-22-65  |
| 70     | 32     | X-01-21-70  | X-01-22-70  |
| 75     | 32     | X-01-21-75  | X-01-22-75  |
| 80     | 32     | X-01-21-80  | X-01-22-80  |
| 85     | 32     | X-01-21-85  | X-01-22-85  |
| 90     | 32     | X-01-21-90  | X-01-22-90  |
| 95     | 32     | X-01-21-95  | X-01-22-95  |
| 100    | 32     | X-01-21-100 | X-01-22-100 |
| 105    | 32     | X-01-21-105 | X-01-22-105 |
| 110    | 32     | X-01-21-110 | X-01-22-110 |
| 115    | 32     | X-01-21-115 | X-01-22-115 |
| 120    | 32     | X-01-21-120 | X-01-22-120 |
| 125    | 32     | X-01-21-125 | X-01-22-125 |
| 130    | 32     | X-01-21-130 | X-01-22-130 |
| 135    | 32     | X-01-21-135 | X-01-22-135 |
| 140    | 32     | X-01-21-140 | X-01-22-140 |
| 145    | 32     | X-01-21-145 | X-01-22-145 |
| 150    | 32     | X-01-21-150 | X-01-22-150 |



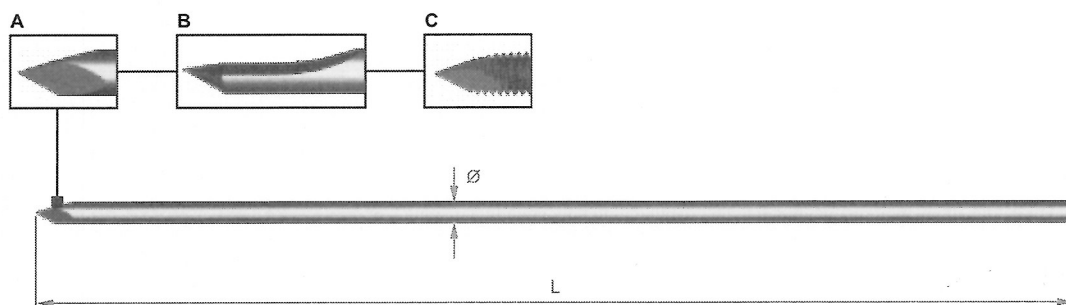
*Poliet mr 2 prz. 19*  
**GROT STEINMANN'A**  
**STEINMANN PIN**

| L (mm) | Ø=4,0mm    |            |            | Ø=4,5mm    |            |            | Ø=5,0mm    |            |            |
|--------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|        | A          | B          | C          | A          | B          | C          | A          | B          | C          |
| 80     | X-06-37-08 | X-06-38-08 | X-06-39-08 | X-06-40-08 | X-06-41-08 | X-06-42-08 | X-06-43-08 | X-06-44-08 | X-06-45-08 |
| 90     | X-06-37-09 | X-06-38-09 | X-06-39-09 | X-06-40-09 | X-06-41-09 | X-06-42-09 | X-06-43-09 | X-06-44-09 | X-06-45-09 |
| 100    | X-06-37-10 | X-06-38-10 | X-06-39-10 | X-06-40-10 | X-06-41-10 | X-06-42-10 | X-06-43-10 | X-06-44-10 | X-06-45-10 |
| 110    | X-06-37-11 | X-06-38-11 | X-06-39-11 | X-06-40-11 | X-06-41-11 | X-06-42-11 | X-06-43-11 | X-06-44-11 | X-06-45-11 |
| 120    | X-06-37-12 | X-06-38-12 | X-06-39-12 | X-06-40-12 | X-06-41-12 | X-06-42-12 | X-06-43-12 | X-06-44-12 | X-06-45-12 |
| 130    | X-06-37-13 | X-06-38-13 | X-06-39-13 | X-06-40-13 | X-06-41-13 | X-06-42-13 | X-06-43-13 | X-06-44-13 | X-06-45-13 |
| 140    | X-06-37-14 | X-06-38-14 | X-06-39-14 | X-06-40-14 | X-06-41-14 | X-06-42-14 | X-06-43-14 | X-06-44-14 | X-06-45-14 |
| 150    | X-06-37-15 | X-06-38-15 | X-06-39-15 | X-06-40-15 | X-06-41-15 | X-06-42-15 | X-06-43-15 | X-06-44-15 | X-06-45-15 |
| 160    | X-06-37-16 | X-06-38-16 | X-06-39-16 | X-06-40-16 | X-06-41-16 | X-06-42-16 | X-06-43-16 | X-06-44-16 | X-06-45-16 |
| 170    | X-06-37-17 | X-06-38-17 | X-06-39-17 | X-06-40-17 | X-06-41-17 | X-06-42-17 | X-06-43-17 | X-06-44-17 | X-06-45-17 |
| 180    | X-06-37-18 | X-06-38-18 | X-06-39-18 | X-06-40-18 | X-06-41-18 | X-06-42-18 | X-06-43-18 | X-06-44-18 | X-06-45-18 |
| 190    | X-06-37-19 | X-06-38-19 | X-06-39-19 | X-06-40-19 | X-06-41-19 | X-06-42-19 | X-06-43-19 | X-06-44-19 | X-06-45-19 |
| 200    | X-06-37-20 | X-06-38-20 | X-06-39-20 | X-06-40-20 | X-06-41-20 | X-06-42-20 | X-06-43-20 | X-06-44-20 | X-06-45-20 |
| 210    | X-06-37-21 | X-06-38-21 | X-06-39-21 | X-06-40-21 | X-06-41-21 | X-06-42-21 | X-06-43-21 | X-06-44-21 | X-06-45-21 |
| 220    | X-06-37-22 | X-06-38-22 | X-06-39-22 | X-06-40-22 | X-06-41-22 | X-06-42-22 | X-06-43-22 | X-06-44-22 | X-06-45-22 |
| 250    | X-06-37-25 | X-06-38-25 | X-06-39-25 | X-06-40-25 | X-06-41-25 | X-06-42-25 | X-06-43-25 | X-06-44-25 | X-06-45-25 |
| 280    | X-06-37-28 | X-06-38-28 | X-06-39-28 | X-06-40-28 | X-06-41-28 | X-06-42-28 | X-06-43-28 | X-06-44-28 | X-06-45-28 |
| 300    | X-06-37-30 | X-06-38-30 | X-06-39-30 | X-06-40-30 | X-06-41-30 | X-06-42-30 | X-06-43-30 | X-06-44-30 | X-06-45-30 |



**GROTOWKRĘT STEINMANN**  
**STEINMANN SCREW**

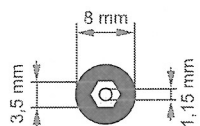
| L (mm) | Ø=4,0mm    | Ø=4,5mm    | Ø=5,0mm    | Ø=3,0mm    |
|--------|------------|------------|------------|------------|
| 150    | X-06-46-15 | X-06-47-15 | X-06-48-15 | X-06-50-15 |
| 180    | X-06-46-18 | X-06-47-18 | X-06-48-18 | X-06-50-18 |
| 200    | X-06-46-20 | X-06-47-20 | X-06-48-20 | X-06-50-20 |
| 220    | X-06-46-22 | X-06-47-22 | X-06-48-22 | X-06-50-22 |
| 250    | X-06-46-25 | X-06-47-25 | X-06-48-25 | X-06-50-25 |
| 280    | X-06-46-28 | X-06-47-28 | X-06-48-28 | X-06-50-28 |
| 300    | X-06-46-30 | X-06-47-30 | X-06-48-30 | X-06-50-30 |



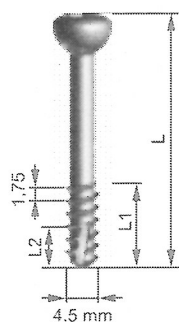
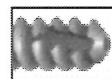
*Policz nr 2 prz. 20 ÷ 30*

**DRUT KIRSCHNERA**
**KIRSCHNER WIRE**

| Ø (mm) | L (mm) | A OSTRZE<br>BLADE | B OSTRZE<br>BLADE | C OSTRZE<br>BLADE |
|--------|--------|-------------------|-------------------|-------------------|
| 1,0    | 150    | X-06-02-15        | X-06-02-15/01     | X-06-02-15/02     |
| 1,0    | 210    | X-06-02-21        | X-06-02-21/01     | X-06-02-21/02     |
| 1,0    | 230    | X-06-02-23        | -                 | -                 |
| 1,0    | 310    | X-06-02-31        | X-06-02-31/01     | X-06-02-31/02     |
| 1,2    | 150    | X-06-03-15        | X-06-03-15/01     | X-06-03-15/02     |
| 1,2    | 210    | X-06-03-21        | X-06-03-21/01     | X-06-03-21/02     |
| 1,2    | 310    | X-06-03-31        | X-06-03-31/01     | X-06-03-31/02     |
| 1,4    | 150    | X-06-04-15        | X-06-04-15/01     | -                 |
| 1,4    | 210    | X-06-04-21        | X-06-04-21/01     | -                 |
| 1,4    | 310    | X-06-04-31        | X-06-04-31/01     | -                 |
| 1,5    | 150    | X-06-92-15        | X-06-92-15/01     | X-06-92-15/02     |
| 1,5    | 210    | X-06-92-21        | X-06-92-21/01     | X-06-92-21/02     |
| 1,5    | 310    | X-06-92-31        | X-06-92-31/01     | X-06-92-31/02     |
| 1,5    | 380    | X-06-92-38        | X-06-92-38/01     | X-06-92-38/02     |
| 1,6    | 150    | X-06-05-15        | X-06-05-15/01     | X-06-05-15/02     |
| 1,6    | 210    | X-06-05-21        | X-06-05-21/01     | X-06-05-21/02     |
| 1,6    | 310    | X-06-05-31        | X-06-05-31/01     | X-06-05-31/02     |
| 1,6    | 380    | X-06-05-38        | X-06-05-38/01     | X-06-05-38/02     |
| 1,8    | 150    | X-06-07-15        | X-06-07-15/01     | X-06-07-15/02     |
| 1,8    | 210    | X-06-07-21        | X-06-07-21/01     | X-06-07-21/02     |
| 1,8    | 310    | X-06-07-31        | X-06-07-31/01     | X-06-07-31/02     |
| 1,8    | 380    | X-06-07-38        | X-06-07-38/01     | X-06-07-38/02     |
| 2,0    | 150    | X-06-08-15        | X-06-08-15/01     | X-06-08-15/02     |
| 2,0    | 200    | X-06-08-20        | -                 | X-06-08-20/02     |
| 2,0    | 210    | X-06-08-21        | X-06-08-21/01     | X-06-08-21/02     |
| 2,0    | 230    | X-06-08-23        | -                 | X-06-08-23/02     |
| 2,0    | 310    | X-06-08-31        | X-06-08-31/01     | X-06-08-31/02     |
| 2,0    | 380    | X-06-08-38        | X-06-08-38/01     | X-06-08-38/02     |
| 2,2    | 150    | X-06-09-15        | X-06-09-15/01     | -                 |
| 2,2    | 200    | X-06-09-20        | -                 | X-06-09-20/02     |
| 2,2    | 210    | X-06-09-21        | X-06-09-21/01     | -                 |
| 2,2    | 230    | X-06-09-23        | -                 | X-06-09-23/02     |
| 2,2    | 310    | X-06-09-31        | X-06-09-31/01     | -                 |
| 2,2    | 380    | X-06-09-38        | X-06-93-38/01     | -                 |
| 2,4    | 150    | X-06-93-15        | X-06-93-15/01     | -                 |
| 2,4    | 210    | X-06-93-21        | X-06-93-21/01     | X-06-93-21/02     |
| 2,4    | 310    | X-06-93-31        | X-06-93-31/01     | X-06-93-31/02     |
| 2,4    | 380    | X-06-93-38        | X-06-10-38/01     | X-06-93-38/02     |
| 2,5    | 150    | X-06-10-15        | X-06-10-15/01     | X-06-10-15/02     |
| 2,5    | 210    | X-06-10-21        | X-06-10-21/01     | X-06-10-21/02     |
| 2,5    | 310    | X-06-10-31        | X-06-10-31/01     | X-06-10-31/02     |
| 2,5    | 380    | X-06-10-38        | X-06-11-38/01     | X-06-10-38/02     |
| 3,0    | 150    | X-06-11-15        | X-06-11-15/01     | X-06-11-15/02     |
| 3,0    | 210    | X-06-11-21        | X-06-11-21/01     | X-06-11-21/02     |
| 3,0    | 310    | X-06-11-31        | X-06-11-31/01     | X-06-11-31/02     |
| 3,0    | 380    | X-06-11-38        | X-06-11-38/01     | X-06-11-38/02     |

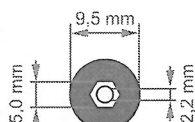


*Poliet m 3 pr. 1*

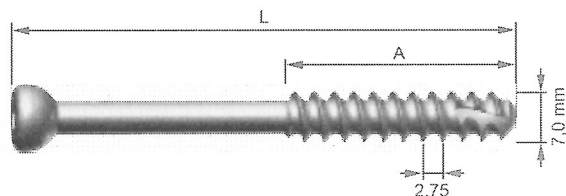


**WKREĆ KANIULOWANY**  
**samogwintujący**  
**CANNULATED SCREW**  
**self-tapping**

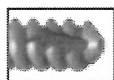
| L (mm) | L1 (mm) | L2 (mm) | Symbol        | L (mm) | L1 (mm) | Symbol        | L (mm) | L1 (mm) | Symbol         |
|--------|---------|---------|---------------|--------|---------|---------------|--------|---------|----------------|
| 10     | -       | 3       | X-01-90-10    | 55     | 12      | X-01-90-12.55 | 40     | 20      | X-01-90-20.40  |
| 12     | -       | 4       | X-01-90-12    | 60     | 12      | X-01-90-12.60 | 45     | 22      | X-01-90-22.45  |
| 14     | -       | 5       | X-01-90-14    | 65     | 12      | X-01-90-12.65 | 50     | 24      | X-01-90-24.50  |
| 16     | -       | 5       | X-01-90-16    | 70     | 12      | X-01-90-12.70 | 55     | 26      | X-01-90-26.55  |
| 18     | 11      | 6       | X-01-90-11.18 | 75     | 12      | X-01-90-12.75 | 60     | 30      | X-01-90-30.60  |
| 20     | 12      | 6       | X-01-90-12.20 | 80     | 12      | X-01-90-12.80 | 65     | 30      | X-01-90-30.65  |
| 22     | 12      | 6       | X-01-90-12.22 | 90     | 15      | X-01-90-15.30 | 70     | 32      | X-01-90-32.70  |
| 24     | 12      | 6       | X-01-90-12.24 | 100    | 16      | X-01-90-16.50 | 75     | 32      | X-01-90-32.75  |
| 25     | 12      | 6       | X-01-90-12.25 | 105    | 16      | X-01-90-16.55 | 80     | 32      | X-01-90-32.80  |
| 26     | 12      | 6       | X-01-90-12.26 | 110    | 16      | X-01-90-16.60 | 85     | 32      | X-01-90-32.85  |
| 28     | 12      | 6       | X-01-90-12.28 | 115    | 16      | X-01-90-16.65 | 90     | 32      | X-01-90-32.90  |
| 30     | 12      | 6       | X-01-90-12.30 | 120    | 16      | X-01-90-16.70 | 95     | 32      | X-01-90-32.95  |
| 35     | 12      | 6       | X-01-90-12.35 | 125    | 16      | X-01-90-16.75 | 100    | 32      | X-01-90-32.100 |
| 36     | 12      | 6       | X-01-90-12.36 | 130    | 16      | X-01-90-16.80 | 105    | 32      | X-01-90-32.105 |
| 40     | 12      | 6       | X-01-90-12.40 | 135    | 16      | X-01-90-16.85 | 110    | 32      | X-01-90-32.110 |
| 42     | 12      | 6       | X-01-90-12.42 | 140    | 16      | X-01-90-16.90 | -      | -       | -              |
| 45     | 12      | 6       | X-01-90-12.45 | 145    | 16      | X-01-90-16.95 | -      | -       | -              |
| 46     | 12      | 6       | X-01-90-12.46 | 150    | 16      | X-01-90-17.00 | -      | -       | -              |
| 50     | 12      | 6       | X-01-90-12.50 | 155    | 18      | X-01-90-18.35 | -      | -       | -              |



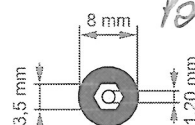
*Poliet m 3 pr. 3*



**WKREĆ KANIULOWANY**  
**samogwintujący**  
**CANNULATED SCREW**  
**self-tapping**

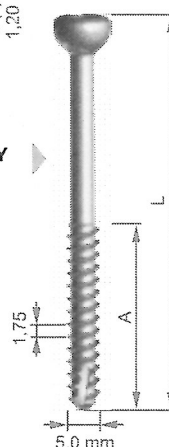


| L (mm) | A (mm) | Symbol         | L (mm) | A (mm) | Symbol         |
|--------|--------|----------------|--------|--------|----------------|
| 30     | 16     | X-01-92-16.30  | 140    | 16     | X-01-92-16.140 |
| 35     | 16     | X-01-92-16.35  | 145    | 32     | X-01-92-32.40  |
| 40     | 16     | X-01-92-16.40  | 150    | 32     | X-01-92-32.45  |
| 45     | 16     | X-01-92-16.45  | 155    | 32     | X-01-92-32.50  |
| 50     | 16     | X-01-92-16.50  | 160    | 32     | X-01-92-32.55  |
| 55     | 16     | X-01-92-16.55  | 165    | 32     | X-01-92-32.60  |
| 60     | 16     | X-01-92-16.60  | 170    | 32     | X-01-92-32.65  |
| 65     | 16     | X-01-92-16.65  | 175    | 32     | X-01-92-32.70  |
| 70     | 16     | X-01-92-16.70  | 180    | 32     | X-01-92-32.75  |
| 75     | 16     | X-01-92-16.75  | 185    | 32     | X-01-92-32.80  |
| 80     | 16     | X-01-92-16.80  | 190    | 32     | X-01-92-32.85  |
| 85     | 16     | X-01-92-16.85  | 195    | 32     | X-01-92-32.90  |
| 90     | 16     | X-01-92-16.90  | 200    | 32     | X-01-92-32.95  |
| 95     | 16     | X-01-92-16.95  | 205    | 32     | X-01-92-32.100 |
| 100    | 16     | X-01-92-16.100 | 210    | 32     | X-01-92-32.105 |
| 105    | 16     | X-01-92-16.105 | 215    | 32     | X-01-92-32.110 |
| 110    | 16     | X-01-92-16.110 | 220    | 32     | X-01-92-32.115 |
| 115    | 16     | X-01-92-16.115 | 225    | 32     | X-01-92-32.120 |
| 120    | 16     | X-01-92-16.120 | 230    | 32     | X-01-92-32.125 |
| 125    | 16     | X-01-92-16.125 | 235    | 32     | X-01-92-32.130 |
| 130    | 16     | X-01-92-16.130 | 240    | 22     | X-01-92-22.35  |
| 135    | 16     | X-01-92-16.135 | 245    | 27     | X-01-92-27.40  |



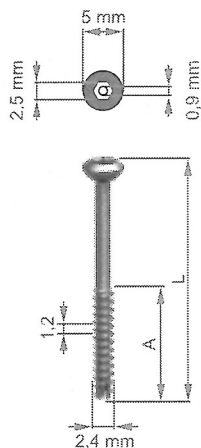
*Poliet m 3 pr. 2*

**WKREĆ KANIULOWANY**  
**samogwintujący**  
**CANNULATED SCREW**  
**self-tapping**



| L (mm) | A (mm) | Symbol        |
|--------|--------|---------------|
| 25     | 16     | X-01-91-16.25 |
| 30     | 16     | X-01-91-16.30 |
| 35     | 16     | X-01-91-16.35 |
| 40     | 16     | X-01-91-16.40 |
| 45     | 16     | X-01-91-16.45 |
| 50     | 16     | X-01-91-16.50 |
| 55     | 16     | X-01-91-16.55 |
| 60     | 16     | X-01-91-16.60 |
| 65     | 16     | X-01-91-16.65 |
| 70     | 16     | X-01-91-16.70 |
| 75     | 16     | X-01-91-16.75 |
| 80     | 32     | X-01-91-32.40 |
| 85     | 32     | X-01-91-32.45 |
| 90     | 32     | X-01-91-32.50 |
| 95     | 32     | X-01-91-32.55 |
| 100    | 32     | X-01-91-32.60 |
| 105    | 32     | X-01-91-32.65 |
| 110    | 32     | X-01-91-32.70 |
| 115    | 32     | X-01-91-32.75 |
| 120    | 32     | X-01-91-32.80 |
| 125    | 32     | X-01-91-32.85 |

**WKREĆ KANIULOWANY**  
**samowiercący**  
**CANNULATED SCREW**  
**self-drilling**

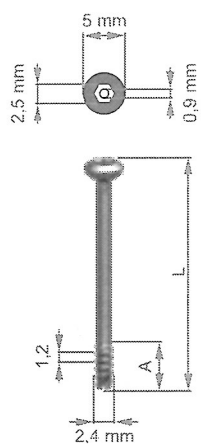


*Poliet mr 3 poz. 4*



| L (mm) | A (mm) | Ø           | L (mm) | A (mm) | Ø           |
|--------|--------|-------------|--------|--------|-------------|
| 10     | 4      | X-01-285-10 | 18     | 8      | X-01-285-18 |
| 11     | 5      | X-01-285-11 | 19     | 9      | X-01-285-19 |
| 12     | 5      | X-01-285-12 | 20     | 9      | X-01-285-20 |
| 13     | 6      | X-01-285-13 | 22     | 10     | X-01-285-22 |
| 14     | 6      | X-01-285-14 | 24     | 10     | X-01-285-24 |
| 15     | 7      | X-01-285-15 | 26     | 12     | X-01-285-26 |
| 16     | 7      | X-01-285-16 | 28     | 12     | X-01-285-28 |
| 17     | 8      | X-01-285-17 | 30     | 14     | X-01-285-30 |

**WKREĆ KANIULOWANY**  
**samowiercący**  
**CANNULATED SCREW**  
**self-drilling**

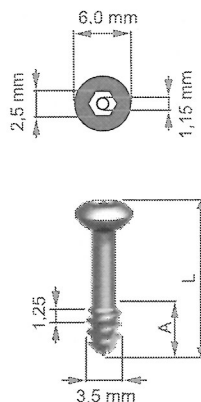


*Poliet mr 3 poz. 5*



| L (mm) | A (mm) | Ø           | L (mm) | A (mm) | Ø           |
|--------|--------|-------------|--------|--------|-------------|
| 17     | 5      | X-01-286-17 | 24     | 6      | X-01-286-24 |
| 18     | 5      | X-01-286-18 | 26     | 6      | X-01-286-26 |
| 19     | 5      | X-01-286-19 | 28     | 6      | X-01-286-28 |
| 20     | 5      | X-01-286-20 | 30     | 6      | X-01-286-30 |
| 22     | 5      | X-01-286-22 |        |        | X-01-286-   |

**WKREĆ KANIULOWANY**  
**samowiercący**  
**CANNULATED SCREW**  
**self-drilling**

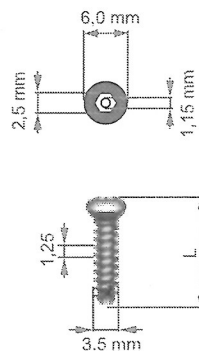


*Poliet mr 3 poz. 6*



| L (mm) | A (mm) | Ø           | L (mm) | A (mm) | Ø           |
|--------|--------|-------------|--------|--------|-------------|
| 10     | 4      | X-01-101-10 | 36     | 12     | X-01-101-36 |
| 12     | 4      | X-01-101-12 | 38     | 12     | X-01-101-38 |
| 14     | 5      | X-01-101-14 | 40     | 13     | X-01-101-40 |
| 16     | 5      | X-01-101-16 | 42     | 14     | X-01-101-42 |
| 18     | 6      | X-01-101-18 | 44     | 14     | X-01-101-44 |
| 20     | 7      | X-01-101-20 | 46     | 15     | X-01-101-46 |
| 22     | 7      | X-01-101-22 | 48     | 15     | X-01-101-48 |
| 24     | 8      | X-01-101-24 | 50     | 16     | X-01-101-50 |
| 26     | 8      | X-01-101-26 | 52     | 16     | X-01-101-52 |
| 28     | 9      | X-01-101-28 | 54     | 17     | X-01-101-54 |
| 30     | 10     | X-01-101-30 | 56     | 18     | X-01-101-56 |
| 32     | 11     | X-01-101-32 | 58     | 19     | X-01-101-58 |
| 34     | 11     | X-01-101-34 | 60     | 20     | X-01-101-60 |

**WKREĆ KANIULOWANY**  
**samowiercący**  
**CANNULATED SCREW**  
**self-drilling**



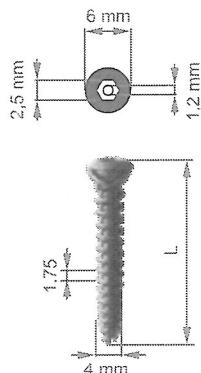
*Poliet mr 3 poz. 7*



| L (mm) | Ø           | L (mm) | Ø           | L (mm) | Ø           |
|--------|-------------|--------|-------------|--------|-------------|
| 8      | X-01-100-08 | 30     | X-01-100-30 | 52     | X-01-100-52 |
| 10     | X-01-100-10 | 32     | X-01-100-32 | 54     | X-01-100-54 |
| 12     | X-01-100-12 | 34     | X-01-100-34 | 56     | X-01-100-56 |
| 14     | X-01-100-14 | 36     | X-01-100-36 | 58     | X-01-100-58 |
| 16     | X-01-100-16 | 38     | X-01-100-38 | 60     | X-01-100-60 |
| 18     | X-01-100-18 | 40     | X-01-100-40 | 62     | X-01-100-62 |
| 20     | X-01-100-20 | 42     | X-01-100-42 | 64     | X-01-100-64 |
| 22     | X-01-100-22 | 44     | X-01-100-44 | 66     | X-01-100-66 |
| 24     | X-01-100-24 | 46     | X-01-100-46 | 68     | X-01-100-68 |
| 26     | X-01-100-26 | 48     | X-01-100-48 | 70     | X-01-100-70 |
| 28     | X-01-100-28 | 50     | X-01-100-50 |        |             |

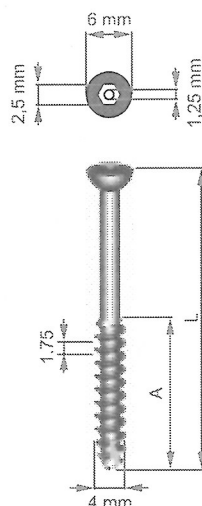


**WKREĆ KANIULOWANY**  
**samowiercący**  
**CANNULATED SCREW**  
**self-drilling**

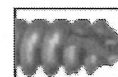


| L (mm) |             | L (mm) |             |
|--------|-------------|--------|-------------|
| 30     | X-01-326-30 | 46     | X-01-326-52 |
| 32     | X-01-326-32 | 48     | X-01-326-54 |
| 34     | X-01-326-34 | 50     | X-01-326-56 |
| 36     | X-01-326-36 | 52     | X-01-326-58 |
| 38     | X-01-326-38 | 54     | X-01-326-60 |
| 40     | X-01-326-40 | 56     | X-01-326-62 |
| 42     | X-01-326-42 | 58     | X-01-326-64 |
| 44     | X-01-326-44 | 60     | X-01-326-66 |

**WKREĆ KANIULOWANY**  
**samowiercący**  
**CANNULATED SCREW**  
**self-drilling**

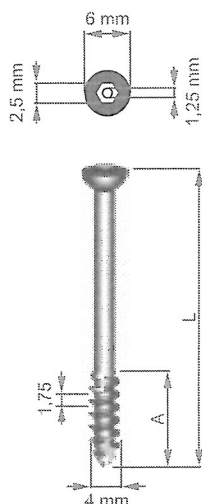


*Poliet mr 3 poz. 8*

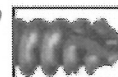


| L (mm) | A (mm) |             | L (mm) | A (mm) |             |
|--------|--------|-------------|--------|--------|-------------|
| 16     | 8      | X-01-232-16 | 46     | 23     | X-01-232-46 |
| 18     | 9      | X-01-232-18 | 48     | 24     | X-01-232-48 |
| 20     | 10     | X-01-232-20 | 50     | 25     | X-01-232-50 |
| 22     | 11     | X-01-232-22 | 52     | 26     | X-01-232-52 |
| 24     | 12     | X-01-232-24 | 54     | 27     | X-01-232-54 |
| 26     | 13     | X-01-232-26 | 56     | 28     | X-01-232-56 |
| 28     | 14     | X-01-232-28 | 58     | 29     | X-01-232-58 |
| 30     | 15     | X-01-232-30 | 60     | 30     | X-01-232-60 |
| 32     | 16     | X-01-232-32 | 62     | 31     | X-01-232-62 |
| 34     | 17     | X-01-232-34 | 64     | 32     | X-01-232-64 |
| 36     | 18     | X-01-232-36 | 66     | 33     | X-01-232-66 |
| 38     | 19     | X-01-232-38 | 68     | 34     | X-01-232-68 |
| 40     | 20     | X-01-232-40 | 70     | 35     | X-01-232-70 |
| 42     | 21     | X-01-232-42 | 72     | 36     | X-01-232-72 |
| 44     | 22     | X-01-232-44 |        |        |             |

**WKREĆ KANIULOWANY**  
**samowiercący**  
**CANNULATED SCREW**  
**self-drilling**



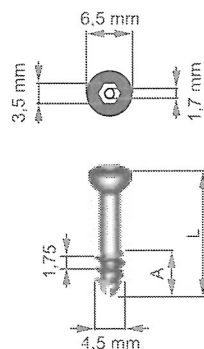
*Poliet mr 3 poz. 9*



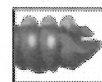
| L (mm) | A (mm) |             | L (mm) | A (mm) |             |
|--------|--------|-------------|--------|--------|-------------|
| 10     | 5      | X-01-231-10 | 42     | 14     | X-01-231-42 |
| 12     | 5      | X-01-231-12 | 44     | 14     | X-01-231-44 |
| 14     | 5      | X-01-231-14 | 46     | 15     | X-01-231-46 |
| 16     | 5      | X-01-231-16 | 48     | 15     | X-01-231-48 |
| 18     | 6      | X-01-231-18 | 50     | 16     | X-01-231-50 |
| 20     | 7      | X-01-231-20 | 52     | 17     | X-01-231-52 |
| 22     | 7      | X-01-231-22 | 54     | 18     | X-01-231-54 |
| 24     | 8      | X-01-231-24 | 56     | 19     | X-01-231-56 |
| 26     | 9      | X-01-231-26 | 58     | 19     | X-01-231-58 |
| 28     | 9      | X-01-231-28 | 60     | 20     | X-01-231-60 |
| 30     | 10     | X-01-231-30 | 62     | 21     | X-01-231-62 |
| 32     | 11     | X-01-231-32 | 64     | 21     | X-01-231-64 |
| 34     | 11     | X-01-231-34 | 66     | 22     | X-01-231-66 |
| 36     | 12     | X-01-231-36 | 68     | 23     | X-01-231-68 |
| 38     | 12     | X-01-231-38 | 70     | 23     | X-01-231-70 |
| 40     | 13     | X-01-231-40 | 72     | 24     | X-01-231-72 |



**WKREĆ KANIULOWANY**  
**samowiercący**  
**CANNULATED SCREW**  
**self-drilling**

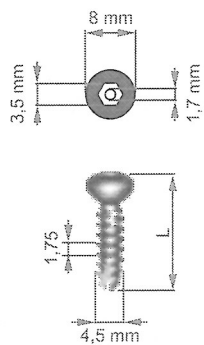


*Palet nr 3 poz. 10*



| L (mm) | A (mm) |             | L (mm) | A (mm) |             |
|--------|--------|-------------|--------|--------|-------------|
| 20     | 7      | X-01-266-20 | 46     | 15     | X-01-266-46 |
| 22     | 7      | X-01-266-22 | 48     | 16     | X-01-266-48 |
| 24     | 8      | X-01-266-24 | 50     | 17     | X-01-266-50 |
| 26     | 9      | X-01-266-26 | 52     | 17     | X-01-266-52 |
| 28     | 9      | X-01-266-28 | 54     | 18     | X-01-266-54 |
| 30     | 10     | X-01-266-30 | 56     | 19     | X-01-266-56 |
| 32     | 11     | X-01-266-32 | 60     | 20     | X-01-266-60 |
| 34     | 11     | X-01-266-34 | 64     | 21     | X-01-266-64 |
| 36     | 12     | X-01-266-36 | 68     | 23     | X-01-266-68 |
| 38     | 13     | X-01-266-38 | 72     | 24     | X-01-266-72 |
| 40     | 13     | X-01-266-40 | 76     | 25     | X-01-266-76 |
| 42     | 14     | X-01-266-42 | 80     | 26     | X-01-266-80 |
| 44     | 15     | X-01-266-44 |        |        | X-01-266-   |

**WKREĆ KANIULOWANY**  
**samowiercący**  
**CANNULATED SCREW**  
**self-drilling**

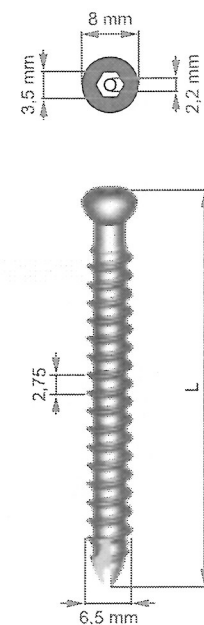


*Palet nr 3 poz. 11*

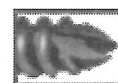


| L (mm) |             | L (mm) |             |
|--------|-------------|--------|-------------|
| 20     | X-01-233-20 | 46     | X-01-233-46 |
| 22     | X-01-233-22 | 48     | X-01-233-48 |
| 24     | X-01-233-24 | 50     | X-01-233-50 |
| 26     | X-01-233-26 | 52     | X-01-233-52 |
| 28     | X-01-233-28 | 54     | X-01-233-54 |
| 30     | X-01-233-30 | 56     | X-01-233-56 |
| 32     | X-01-233-32 | 60     | X-01-233-60 |
| 34     | X-01-233-34 | 64     | X-01-233-64 |
| 36     | X-01-233-36 | 68     | X-01-233-68 |
| 38     | X-01-233-38 | 70     | X-01-233-70 |
| 40     | X-01-233-40 | 72     | X-01-233-72 |
| 42     | X-01-233-42 | 76     | X-01-233-76 |
| 44     | X-01-233-44 | 80     | X-01-233-80 |

**WKREĆ KANIULOWANY**  
**samowiercący**  
**CANNULATED SCREW**  
**self-drilling**

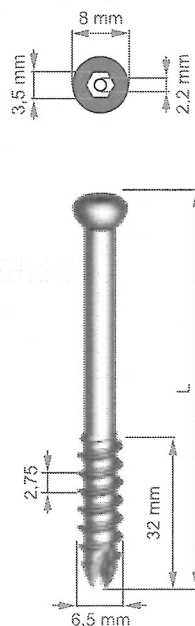


*Palet nr 3 poz. 12*

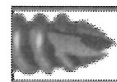


| L (mm) |             | L (mm) |              |
|--------|-------------|--------|--------------|
| 20     | X-01-235-20 | 85     | X-01-235-85  |
| 25     | X-01-235-25 | 90     | X-01-235-90  |
| 30     | X-01-235-30 | 95     | X-01-235-95  |
| 35     | X-01-235-35 | 100    | X-01-235-100 |
| 40     | X-01-235-40 | 105    | X-01-235-105 |
| 45     | X-01-235-45 | 110    | X-01-235-110 |
| 50     | X-01-235-50 | 115    | X-01-235-115 |
| 55     | X-01-235-55 | 120    | X-01-235-120 |
| 60     | X-01-235-60 | 125    | X-01-235-125 |
| 65     | X-01-235-65 | 130    | X-01-235-130 |
| 70     | X-01-235-70 | 135    | X-01-235-135 |
| 75     | X-01-235-75 | 140    | X-01-235-140 |
| 80     | X-01-235-80 |        |              |

**WKREĆ KANIULOWANY**  
**samowiercący**  
**CANNULATED SCREW**  
**self-drilling**

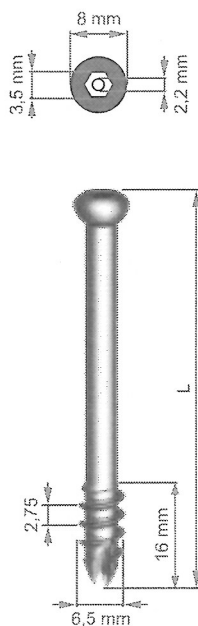


*Produkt nr 3 poz. 13*

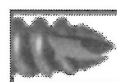


| L (mm) | Ø           | L (mm) | Ø            |
|--------|-------------|--------|--------------|
| 45     | X-01-236-45 | 95     | X-01-236-95  |
| 50     | X-01-236-50 | 100    | X-01-236-100 |
| 55     | X-01-236-55 | 105    | X-01-236-105 |
| 60     | X-01-236-60 | 110    | X-01-236-110 |
| 65     | X-01-236-65 | 115    | X-01-236-115 |
| 70     | X-01-236-70 | 120    | X-01-236-120 |
| 75     | X-01-236-75 | 125    | X-01-236-125 |
| 80     | X-01-236-80 | 130    | X-01-236-130 |
| 85     | X-01-236-85 | 135    | X-01-236-135 |
| 90     | X-01-236-90 | 140    | X-01-236-140 |

**WKREĆ KANIULOWANY**  
**samowiercący**  
**CANNULATED SCREW**  
**self-drilling**

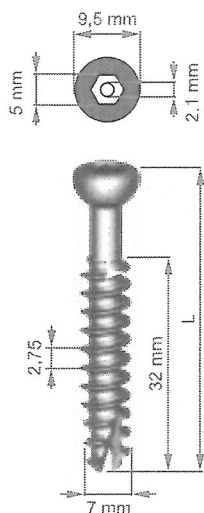


*Produkt nr 3 poz. 14*

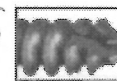


| L (mm) | Ø           | L (mm) | Ø            |
|--------|-------------|--------|--------------|
| 30     | X-01-237-30 | 90     | X-01-237-90  |
| 35     | X-01-237-35 | 95     | X-01-237-95  |
| 40     | X-01-237-40 | 100    | X-01-237-100 |
| 45     | X-01-237-45 | 105    | X-01-237-105 |
| 50     | X-01-237-50 | 110    | X-01-237-110 |
| 55     | X-01-237-55 | 115    | X-01-237-115 |
| 60     | X-01-237-60 | 120    | X-01-237-120 |
| 65     | X-01-237-65 | 125    | X-01-237-125 |
| 70     | X-01-237-70 | 130    | X-01-237-130 |
| 75     | X-01-237-75 | 135    | X-01-237-135 |
| 80     | X-01-237-80 | 140    | X-01-237-140 |
| 85     | X-01-237-85 |        |              |

**WKREĆ KANIULOWANY**  
**samowiercący**  
**CANNULATED SCREW**  
**self-drilling**

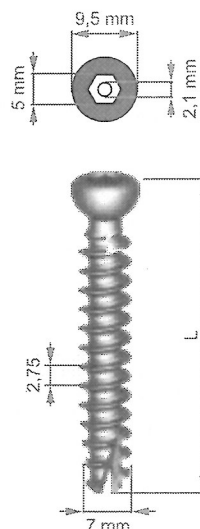


*Produkt nr 3 poz. 16*

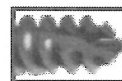


| L (mm) | Ø           | L (mm) | Ø            |
|--------|-------------|--------|--------------|
| 45     | X-01-269-45 | 100    | X-01-269-100 |
| 50     | X-01-269-50 | 105    | X-01-269-105 |
| 55     | X-01-269-55 | 110    | X-01-269-110 |
| 60     | X-01-269-60 | 115    | X-01-269-115 |
| 65     | X-01-269-65 | 120    | X-01-269-120 |
| 70     | X-01-269-70 | 125    | X-01-269-125 |
| 75     | X-01-269-75 | 130    | X-01-269-130 |
| 80     | X-01-269-80 | 135    | X-01-269-135 |
| 85     | X-01-269-85 | 140    | X-01-269-140 |
| 90     | X-01-269-90 | 145    | X-01-269-145 |
| 95     | X-01-269-95 | 150    | X-01-269-150 |

**WKREĆ KANIULOWANY  
samowiercący  
CANNULATED SCREW  
self-drilling**

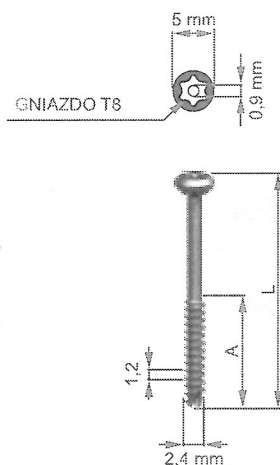


*Poliet mr 3 pr. 15*



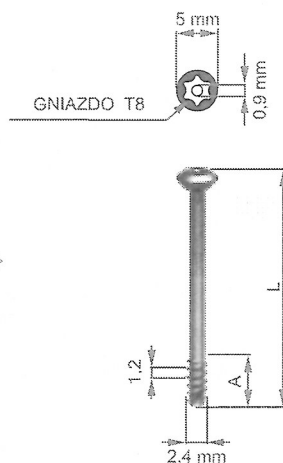
| L (mm) |             | L (mm) |              |
|--------|-------------|--------|--------------|
| 20     | X-01-270-20 | 80     | X-01-270-80  |
| 25     | X-01-270-25 | 85     | X-01-270-85  |
| 30     | X-01-270-30 | 90     | X-01-270-90  |
| 35     | X-01-270-35 | 95     | X-01-270-95  |
| 40     | X-01-270-40 | 100    | X-01-270-100 |
| 45     | X-01-270-45 | 105    | X-01-270-105 |
| 50     | X-01-270-50 | 110    | X-01-270-110 |
| 55     | X-01-270-55 | 115    | X-01-270-115 |
| 60     | X-01-270-60 | 120    | X-01-270-120 |
| 65     | X-01-270-65 | 125    | X-01-270-125 |
| 70     | X-01-270-70 | 130    | X-01-270-130 |
| 75     | X-01-270-75 |        |              |

**WKREĆ KANIULOWANY  
samowiercący  
CANNULATED SCREW  
self-drilling**



| L (mm) | A (mm) |             | L (mm) | A (mm) |             |
|--------|--------|-------------|--------|--------|-------------|
| 10     | 4      | X-01-283-10 | 18     | 8      | X-01-283-18 |
| 11     | 5      | X-01-283-11 | 19     | 9      | X-01-283-19 |
| 12     | 5      | X-01-283-12 | 20     | 9      | X-01-283-20 |
| 13     | 6      | X-01-283-13 | 22     | 10     | X-01-283-22 |
| 14     | 6      | X-01-283-14 | 24     | 10     | X-01-283-24 |
| 15     | 7      | X-01-283-15 | 26     | 12     | X-01-283-26 |
| 16     | 7      | X-01-283-16 | 28     | 12     | X-01-283-28 |
| 17     | 8      | X-01-283-17 | 30     | 14     | X-01-283-30 |

**WKREĆ KANIULOWANY  
samowiercący  
CANNULATED SCREW  
self-drilling**



| L (mm) | A (mm) |             | L (mm) | A (mm) |             |
|--------|--------|-------------|--------|--------|-------------|
| 17     | 5      | X-01-284-17 | 24     | 6      | X-01-284-24 |
| 18     | 5      | X-01-284-18 | 26     | 6      | X-01-284-26 |
| 19     | 5      | X-01-284-19 | 28     | 6      | X-01-284-28 |
| 20     | 5      | X-01-284-20 | 30     | 6      | X-01-284-30 |
| 22     | 5      | X-01-284-22 |        |        |             |

# PŁYTKI BLOKOWANE LOCKING PLATES

*Polivet nr 5 ÷ 7, 10 ÷ 13 poz. 1  
 Polivet nr 8 poz. 1 ÷ 3, Polivet nr 9 poz. 1 ÷ 2, Polivet nr 14 poz. 1 ÷ 2*

| Pierwszy człon<br>numeru katalogowego<br>First part of REF No. | Odmiany płytek / Types of plates |
|----------------------------------------------------------------|----------------------------------|
| 1                                                              | Tytan / Titanium                 |
| 4                                                              | Stal / Steel                     |
| 5                                                              | Stal DLC / Steel + DLC           |
| 11                                                             | Tytan DLC / Titanium + DLC       |
| 21                                                             | Tytan Si-DLC / Titanium + Si-DLC |
| 24                                                             | Stal Si-DLC / Steel + Si-DLC     |

## PRZYKŁAD / EXAMPLE

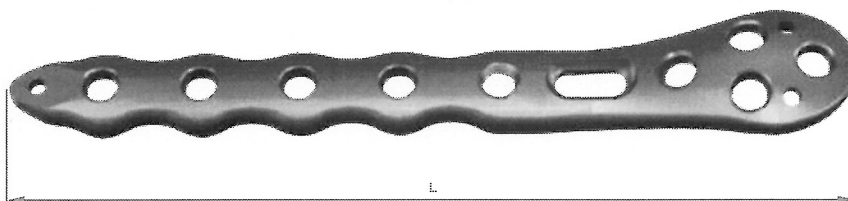
X-zz-zzz-zz

X = 1,4,5,11,21,24

z = numeracja / number

**Płytki do kości strzałkowej dalsza**  
Distal lateral fibula bone plate

*Poliet mr 5 poz. 1*

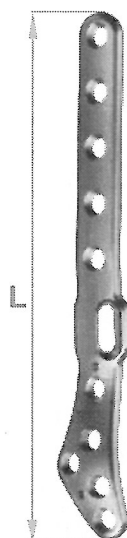


| L (mm) | otwory blokowane(trzon/głowa)<br>locked holes(shaft/head) | Nr kat<br>Ref. no. |
|--------|-----------------------------------------------------------|--------------------|
| 77     | 3/5                                                       | X-04-350-03        |
| 89     | 4/5                                                       | X-04-350-04        |
| 101    | 5/5                                                       | X-04-350-05        |
| 113    | 6/5                                                       | X-04-350-06        |
| 125    | 7/5                                                       | X-04-350-07        |
| 137    | 8/5                                                       | X-04-350-08        |
| 149    | 9/5                                                       | X-04-350-09        |
| 161    | 10/5                                                      | X-04-350-10        |
| 173    | 11/5                                                      | X-04-350-11        |
| 185    | 12/5                                                      | X-04-350-12        |

Wkręty blokowane / Locked screws:  $\varnothing$  3,5 mm

Wkręty korowe / Cortical screws:  $\varnothing$  3,5 mm

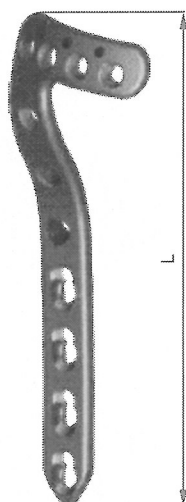
**Płytki do kości strzałkowej dalsza**  
Distal lateral fibula bone plate



| L (mm) | otwory | LEWA        | PRAWA       |
|--------|--------|-------------|-------------|
| 85     | 4/5    | X-04-348-05 | X-04-347-05 |
| 108    | 4/7    | X-04-348-07 | X-04-347-07 |
| 131    | 4/9    | X-04-348-09 | X-04-347-09 |
| 154    | 4/11   | X-04-348-11 | X-04-347-11 |

Wkręty blokowane / Locked screws:  $\varnothing$  3,5 mm

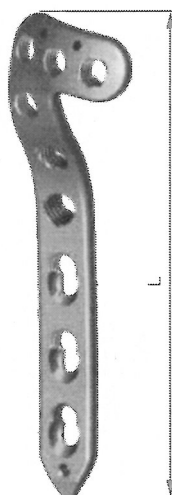
Wkręty korowe / Cortical screws:  $\varnothing$  3,5 mm



**Płytką piszczelowa bliższa boczna**  
Proximal lateral tibial plate

| L (mm) | otwory<br>holes | LEWA / LEFT | PRAWA / RIGHT |
|--------|-----------------|-------------|---------------|
| 81     | 4               | X-04-205-04 | X-04-206-04   |
| 107    | 6               | X-04-205-06 | X-04-206-06   |
| 133    | 8               | X-04-205-08 | X-04-206-08   |
| 159    | 10              | X-04-205-10 | X-04-206-10   |
| 185    | 12              | X-04-205-12 | X-04-206-12   |
| 211    | 14              | X-04-205-14 | X-04-206-14   |
| 237    | 16              | X-04-205-16 | X-04-206-16   |

Wkręty blokowane / Locked screws:  $\varnothing$  3,5 mm  
Wkręty korowe / Cortical screw:  $\varnothing$  3,5 mm



*Policz nr 6 poz. 1*

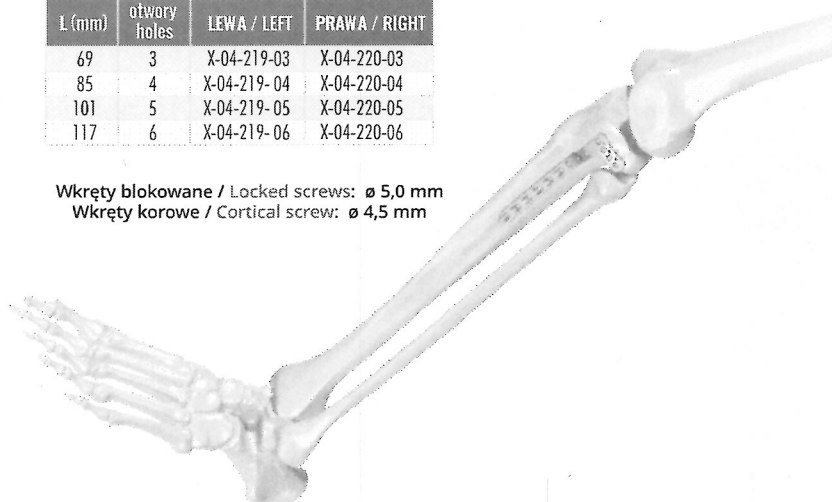
| L (mm) | otwory<br>holes | LEWA / LEFT | PRAWA / RIGHT |
|--------|-----------------|-------------|---------------|
| 82     | 4               | X-04-207-04 | X-04-208-04   |
| 118    | 6               | X-04-207-06 | X-04-208-06   |
| 154    | 8               | X-04-207-08 | X-04-208-08   |
| 190    | 10              | X-04-207-10 | X-04-208-10   |
| 226    | 12              | X-04-207-12 | X-04-208-12   |
| 262    | 14              | X-04-207-14 | X-04-208-14   |
| 298    | 16              | X-04-207-16 | X-04-208-16   |

Wkręty blokowane / Locked screws:  $\varnothing$  5,0 mm  
Wkręty korowe / Cortical screw:  $\varnothing$  4,5 mm

**Płytką piszczelowa podporowa L**  
Tibial buttress plate - L

| L (mm) | otwory<br>holes | LEWA / LEFT | PRAWA / RIGHT |
|--------|-----------------|-------------|---------------|
| 69     | 3               | X-04-219-03 | X-04-220-03   |
| 85     | 4               | X-04-219-04 | X-04-220-04   |
| 101    | 5               | X-04-219-05 | X-04-220-05   |
| 117    | 6               | X-04-219-06 | X-04-220-06   |

Wkręty blokowane / Locked screws:  $\varnothing$  5,0 mm  
Wkręty korowe / Cortical screw:  $\varnothing$  4,5 mm

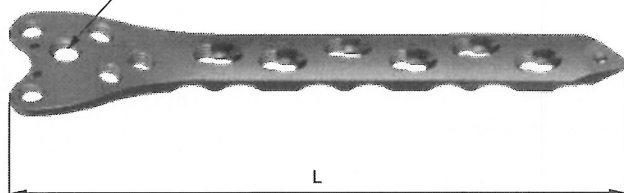




**Płytki kłykciowa udowa**  
Condylar femoral plate

| L (mm)              | Ø S3,5     |
|---------------------|------------|
| 20-145<br>(co 5 mm) | X-01-204-L |

Wkręt blokowany kaniulowany / Locked cannulated screws:  $\varnothing$  7,3 mm

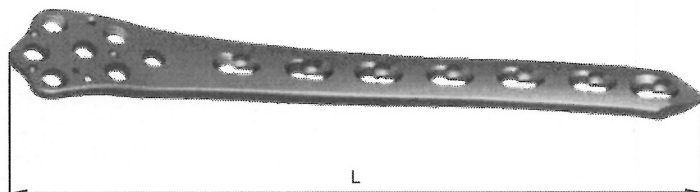


| L (mm) | otwory<br>holes | LEWA / LEFT | PRAWA / RIGHT |
|--------|-----------------|-------------|---------------|
| 170    | 6               | X-04-129-06 | X-04-130-06   |
| 206    | 8               | X-04-129-08 | X-04-130-08   |
| 242    | 10              | X-04-129-10 | X-04-130-10   |
| 278    | 12              | X-04-129-12 | X-04-130-12   |
| 314    | 14              | X-04-129-14 | X-04-130-14   |
| 350    | 16              | X-04-129-16 | X-04-130-16   |
| 386    | 18              | X-04-129-18 | X-04-130-18   |
| 422    | 20              | X-04-129-20 | X-04-130-20   |
| 458    | 22              | X-04-129-22 | X-04-130-22   |

Wkręty blokowane / Locked screws:  $\varnothing$  5,0 mm  
Wkręty korowe / Cortical screw:  $\varnothing$  4,5 mm

*Produkt nr 7 poz. 1*

**Płytki do dalszej nasady kości udowej boczna**  
Lateral distal femoral plate



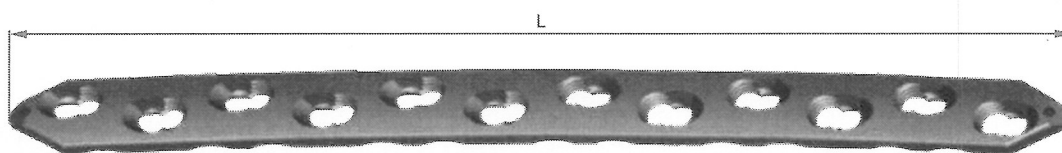
| L (mm) | otwory<br>holes | LEWA / LEFT | PRAWA / RIGHT |
|--------|-----------------|-------------|---------------|
| 156    | 5               | X-04-179-05 | X-04-180-05   |
| 196    | 7               | X-04-179-07 | X-04-180-07   |
| 236    | 9               | X-04-179-09 | X-04-180-09   |
| 276    | 11              | X-04-179-11 | X-04-180-11   |
| 316    | 13              | X-04-179-13 | X-04-180-13   |

Wkręty blokowane / Locked screws:  $\varnothing$  5,0 mm  
Wkręty korowe / Cortical screw:  $\varnothing$  4,5 mm



*Poluist nr 8 par. 2*

**Płytki szeroka z ograniczonym kontaktem - wygięta**  
Wide plate with limited contact - bent

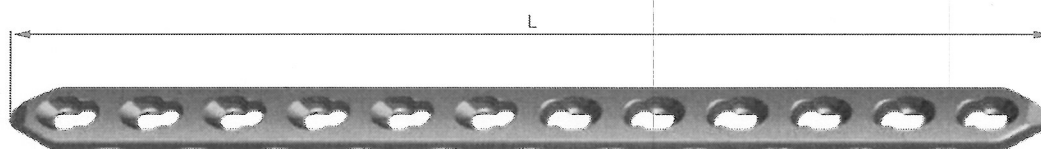


| L (mm) | otwory<br>holes | Nr kat.<br>Ref. no. |
|--------|-----------------|---------------------|
| 229    | 12              | X-02-145-12         |
| 247    | 13              | X-02-145-13         |
| 265    | 14              | X-02-145-14         |
| 282    | 15              | X-02-145-15         |
| 300    | 16              | X-02-145-16         |
| 318    | 17              | X-02-145-17         |
| 336    | 18              | X-02-145-18         |

Wkręty blokowane / Locked screws:  $\varnothing$  5,0 mm  
Wkręty korowe / Cortical screw:  $\varnothing$  4,5 mm

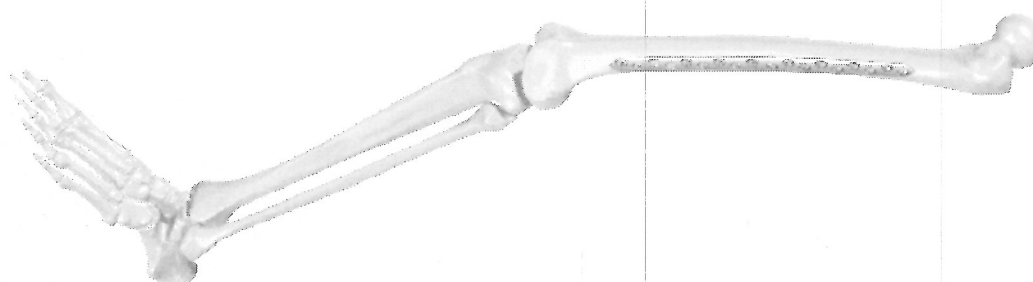
*Poluist nr 8 par. 1*

**Płytki prosta wąska z ograniczonym kontaktem**  
Straight narrow plate with limited contact



| L (mm) | otwory<br>holes | Nr kat.<br>Ref. no. |
|--------|-----------------|---------------------|
| 44     | 2               | X-02-68-02          |
| 62     | 3               | X-02-68-03          |
| 80     | 4               | X-02-68-04          |
| 98     | 5               | X-02-68-05          |
| 116    | 6               | X-02-68-06          |
| 134    | 7               | X-02-68-07          |
| 152    | 8               | X-02-68-08          |
| 170    | 9               | X-02-68-09          |
| 188    | 10              | X-02-68-10          |
| 206    | 11              | X-02-68-11          |
| 224    | 12              | X-02-68-12          |
| 242    | 13              | X-02-68-13          |
| 260    | 14              | X-02-68-14          |
| 278    | 15              | X-02-68-15          |
| 296    | 16              | X-02-68-16          |
| 332    | 18              | X-02-68-18          |
| 368    | 20              | X-02-68-20          |
| 404    | 22              | X-02-68-22          |

Wkręty blokowane / Locked screws:  $\varnothing$  5,0 mm  
Wkręty korowe / Cortical screw:  $\varnothing$  4,5 mm

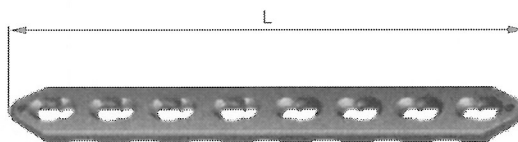


| L (mm) | otwory<br>holes | Nr kat.<br>Ref. no. |
|--------|-----------------|---------------------|
| 59     | 4               | X-02-117-04         |
| 72     | 5               | X-02-117-05         |
| 85     | 6               | X-02-117-06         |
| 98     | 7               | X-02-117-07         |
| 111    | 8               | X-02-117-08         |
| 124    | 9               | X-02-117-09         |
| 137    | 10              | X-02-117-10         |
| 150    | 11              | X-02-117-11         |
| 163    | 12              | X-02-117-12         |

Wkręty blokowane / Locked screws:  $\varnothing$  3,5 mm  
 Wkręty korowe / Cortical screw:  $\varnothing$  3,5 mm  
 Wkręty gąbczaste / Cancellous screw:  $\varnothing$  4,0 mm

*Plakiet nr 9 poz. 1*

**Płytką prostą wąską, grubą z ograniczonym kontaktem**  
 Straight thick narrow plate with limited contact

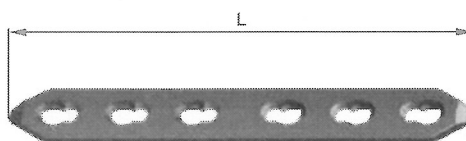


| L (mm) | otwory<br>holes | Nr kat.<br>Ref. no. |
|--------|-----------------|---------------------|
| 85     | 5               | X-02-118-05         |
| 100    | 6               | X-02-118-06         |
| 115    | 7               | X-02-118-07         |
| 130    | 8               | X-02-118-08         |
| 145    | 9               | X-02-118-09         |
| 160    | 10              | X-02-118-10         |
| 175    | 11              | X-02-118-11         |
| 190    | 12              | X-02-118-12         |
| 205    | 13              | X-02-118-13         |
| 220    | 14              | X-02-118-14         |
| 235    | 15              | X-02-118-15         |
| 250    | 16              | X-02-118-16         |
| 265    | 17              | X-02-118-17         |
| 280    | 18              | X-02-118-18         |

Wkręty blokowane / Locked screws:  $\varnothing$  3,5 mm  
 Wkręty korowe / Cortical screw:  $\varnothing$  3,5 mm  
 Wkręty gąbczaste / Cancellous screw:  $\varnothing$  4,0 mm

*Plakiet nr 9 poz. 2*

**Płytką prostą, cienką, wąską**  
 Straight thin narrow plate

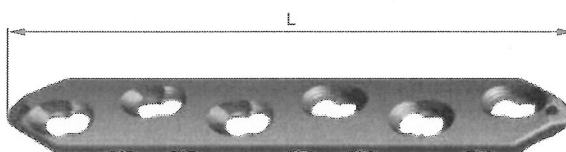


| L (mm) | otwory<br>holes | Nr kat.<br>Ref. no. |
|--------|-----------------|---------------------|
| 103    | 5               | X-02-113-05         |
| 122    | 6               | X-02-113-06         |
| 141    | 7               | X-02-113-07         |
| 160    | 8               | X-02-113-08         |
| 179    | 9               | X-02-113-09         |
| 198    | 10              | X-02-113-10         |
| 217    | 11              | X-02-113-11         |
| 236    | 12              | X-02-113-12         |
| 255    | 13              | X-02-113-13         |
| 274    | 14              | X-02-113-14         |
| 293    | 15              | X-02-113-15         |
| 312    | 16              | X-02-113-16         |
| 331    | 17              | X-02-113-17         |
| 350    | 18              | X-02-113-18         |

Wkręty blokowane / Locked screws:  $\varnothing$  5,0 mm  
 Wkręty korowe / Cortical screw:  $\varnothing$  4,5 mm

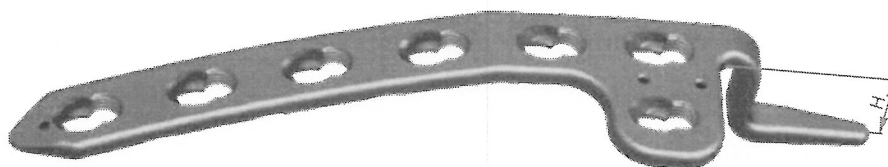
*Plakiet nr 8 poz. 3*

**Płytką prostą szeroką z ograniczonym kontaktem**  
 Straight wide plate with limited contact



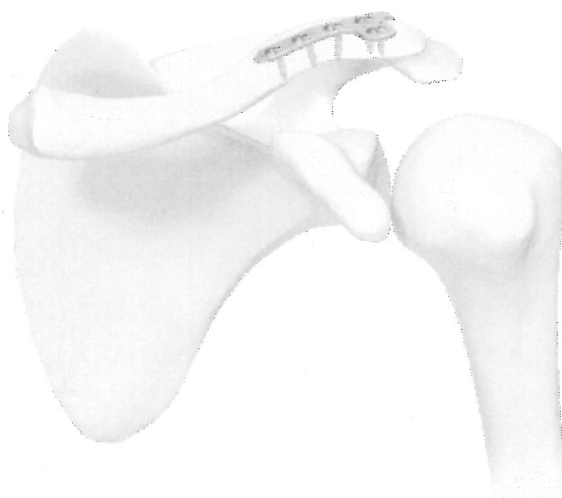
*Produkt nr 10 poz. 1*

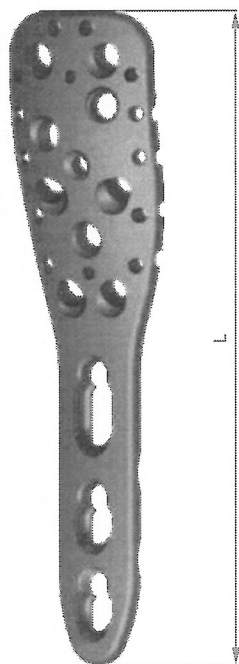
**Płytki obojczykowa z hakiem**  
Clavicular plate with hook



| H (mm) | otwory<br>holes | LEWA / LEFT  | PRAWA / RIGHT |
|--------|-----------------|--------------|---------------|
| 12     | 4               | X-04-197-124 | X-04-198-124  |
| 12     | 5               | X-04-197-125 | X-04-198-125  |
| 12     | 6               | X-04-197-126 | X-04-198-126  |
| 12     | 7               | X-04-197-127 | X-04-198-127  |
| 15     | 4               | X-04-197-154 | X-04-198-154  |
| 15     | 5               | X-04-197-155 | X-04-198-155  |
| 15     | 6               | X-04-197-156 | X-04-198-156  |
| 15     | 7               | X-04-197-157 | X-04-198-157  |
| 18     | 4               | X-04-197-184 | X-04-198-184  |
| 18     | 5               | X-04-197-185 | X-04-198-185  |
| 18     | 6               | X-04-197-186 | X-04-198-186  |
| 18     | 7               | X-04-197-187 | X-04-198-187  |

Wkręty blokowane / Locked screws:  $\varnothing$  3,5 mm  
Wkręty korowe / Cortical screw:  $\varnothing$  3,5 mm





*Poliet mr M pr. 1*

**Płytko do kości ramiennej bliższa**  
Proximal humeral plate

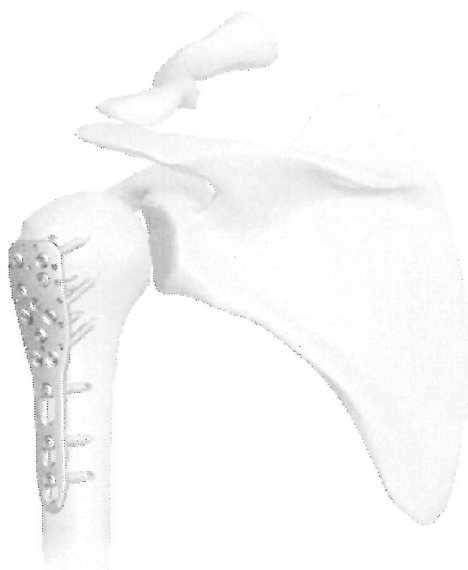
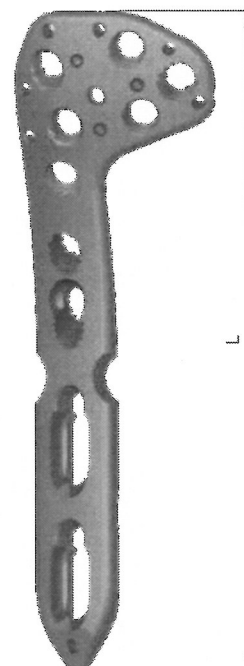
| L (mm)                            | otwory<br>holes | Nr kat.<br>Ref. no. |
|-----------------------------------|-----------------|---------------------|
| 90                                | 3               | X-04-126-01         |
| 114                               | 5               | X-04-126-02         |
| <b>PIYTKI DŁGIE / LONG PLATES</b> |                 |                     |
| 124                               | 4               | X-04-126-08         |
| 142                               | 5               | X-04-126-03         |
| 160                               | 6               | X-04-126-04         |
| 178                               | 7               | X-04-126-09         |
| 196                               | 8               | X-04-126-05         |
| 214                               | 9               | X-04-126-10         |
| 232                               | 10              | X-04-126-06         |
| 250                               | 11              | X-04-126-11         |
| 270                               | 12              | X-04-126-07         |

Wkręty blokowane / Locked screws:  $\varnothing$  3,5 mm  
Wkręty korowe / Cortical screw:  $\varnothing$  3,5 mm

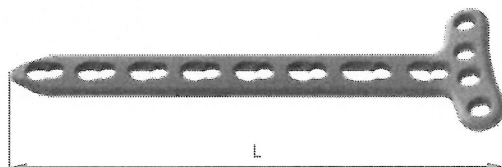
**Płytko do kości ramiennej bliższa okołostawowa**  
Periarticular proximal humeral plate

| L (mm) | otwory<br>holes | LEWA / LEFT | PRAWA / RIGHT |
|--------|-----------------|-------------|---------------|
| 91     | 2               | X-04-187-02 | X-04-188-02   |
| 109    | 3               | X-04-187-03 | X-04-188-03   |
| 127    | 4               | X-04-187-04 | X-04-188-04   |
| 145    | 5               | X-04-187-05 | X-04-188-05   |
| 163    | 6               | X-04-187-06 | X-04-188-06   |
| 199    | 8               | X-04-187-08 | X-04-188-08   |
| 235    | 10              | X-04-187-10 | X-04-188-10   |
| 271    | 12              | X-04-187-12 | X-04-188-12   |
| 307    | 14              | X-04-187-14 | X-04-188-14   |

Wkręty blokowane / Locked screws:  $\varnothing$  3,5 mm  
Wkręty korowe / Cortical screw:  $\varnothing$  3,5 mm



**Płytki piszczelowa podporowa T**  
Tibial buttress plate - T



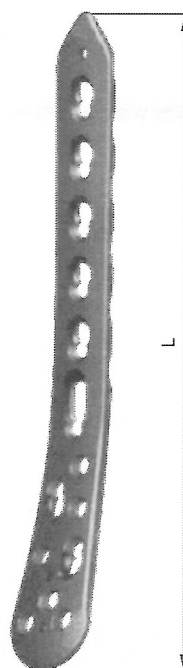
| L (mm) | otwory<br>holes | Nr kat.<br>Ref. no. |
|--------|-----------------|---------------------|
| 50     | 4/3             | X-04-221-43         |
| 56     | 4/4             | X-04-221-44         |
| 67     | 4/5             | X-04-221-45         |
| 78     | 4/6             | X-04-221-46         |
| 89     | 4/7             | X-04-221-47         |
| 100    | 4/8             | X-04-221-48         |

Wkręty blokowane / Locked screws:  $\varnothing$  3,5 mm  
Wkręty korowe / Cortical screw:  $\varnothing$  3,5 mm

*Poliet m 12 pol. 1*

**Płytki piszczelowa dalsza  
przyśrodkowa- standard**  
Distal medial tibial plate  
- standard

| L (mm) | otwory<br>holes | LEWA / LEFT | PRAWA / RIGHT |
|--------|-----------------|-------------|---------------|
| 116    | 4               | X-04-84-04  | X-04-85-04    |
| 142    | 6               | X-04-84-06  | X-04-85-06    |
| 168    | 8               | X-04-84-08  | X-04-85-08    |
| 194    | 10              | X-04-84-10  | X-04-85-10    |
| 220    | 12              | X-04-84-12  | X-04-85-12    |
| 246    | 14              | X-04-84-14  | X-04-85-14    |



**Płytki piszczelowa dalsza  
przyśrodkowa z małym  
anatomicznym wygięciem**  
Distal medial tibial plate  
with small anatomical bend

| L (mm) | otwory<br>holes | LEWA / LEFT | PRAWA / RIGHT |
|--------|-----------------|-------------|---------------|
| 109    | 4               | X-04-117-04 | X-04-118-04   |
| 135    | 6               | X-04-117-06 | X-04-118-06   |
| 161    | 8               | X-04-117-08 | X-04-118-08   |
| 187    | 10              | X-04-117-10 | X-04-118-10   |
| 213    | 12              | X-04-117-12 | X-04-118-12   |
| 239    | 14              | X-04-117-14 | X-04-118-14   |

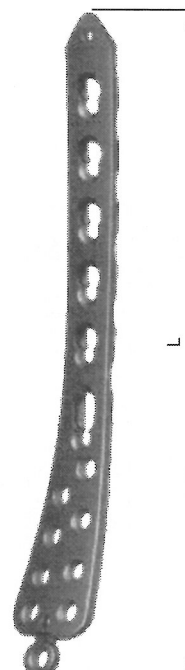
Wkręty blokowane / Locked screws:  $\varnothing$  3,5 mm  
Wkręty korowe / Cortical screw:  $\varnothing$  3,5 ; 2,7 mm

*Poliet m 12 pol. 1*

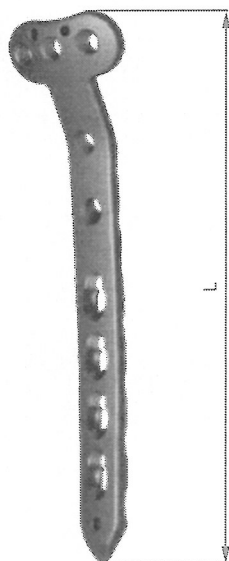
**Płytki piszczelowa dalsza przyśrodkowa z hakiem**  
Distal medial tibial plate with hook

| L (mm) | otwory<br>holes | LEWA / LEFT | PRAWA / RIGHT |
|--------|-----------------|-------------|---------------|
| 117    | 4               | X-04-86-04  | X-04-87-04    |
| 144    | 6               | X-04-86-06  | X-04-87-06    |
| 171    | 8               | X-04-86-08  | X-04-87-08    |
| 198    | 10              | X-04-86-10  | X-04-87-10    |
| 225    | 12              | X-04-86-12  | X-04-87-12    |
| 252    | 14              | X-04-86-14  | X-04-87-14    |

Wkręty blokowane / Locked screws:  $\varnothing$  3,5 mm  
Wkręty korowe / Cortical screw:  $\varnothing$  3,5 ; 2,7 mm



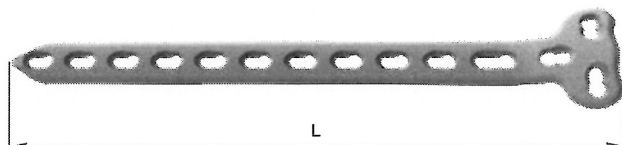




**Płytkę piszczelową bliższą przyśrodkową**  
Proximal medial tibial plate

| L (mm) | otwory<br>holes | LEWA / LEFT | PRAWA / RIGHT |
|--------|-----------------|-------------|---------------|
| 93     | 4               | X-04-115-04 | X-04-116-04   |
| 119    | 6               | X-04-115-06 | X-04-116-06   |
| 145    | 8               | X-04-115-08 | X-04-116-08   |
| 171    | 10              | X-04-115-10 | X-04-116-10   |
| 197    | 12              | X-04-115-12 | X-04-116-12   |
| 223    | 14              | X-04-115-14 | X-04-116-14   |
| 249    | 16              | X-04-115-16 | X-04-116-16   |
| 275    | 18              | X-04-115-18 | X-04-116-18   |
| 301    | 20              | X-04-115-20 | X-04-116-20   |

Wkręty blokowane / Locked screws:  $\varnothing$  3,5 mm  
Wkręty korowe / Cortical screw:  $\varnothing$  3,5 mm



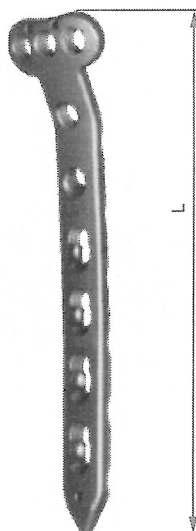
**Płytkę piszczelową T**  
Tibial plate - T

| L (mm) | otwory<br>holes | Nr kat.<br>Ref. no. |
|--------|-----------------|---------------------|
| 68     | 3               | X-04-222-03         |
| 84     | 4               | X-04-222-04         |
| 100    | 5               | X-04-222-05         |
| 116    | 6               | X-04-222-06         |
| 132    | 7               | X-04-222-07         |
| 148    | 8               | X-04-222-08         |
| 180    | 10              | X-04-222-10         |
| 212    | 12              | X-04-222-12         |

Wkręty blokowane / Locked screws:  $\varnothing$  5,0 mm  
Wkręty korowe / Cortical screw:  $\varnothing$  4,5 mm

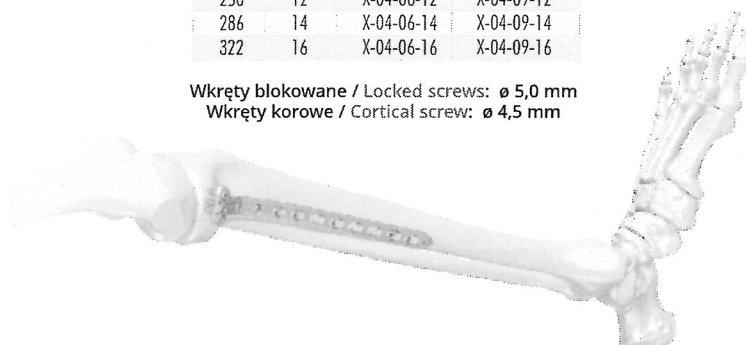
*Patent nr 13 poz. 1*

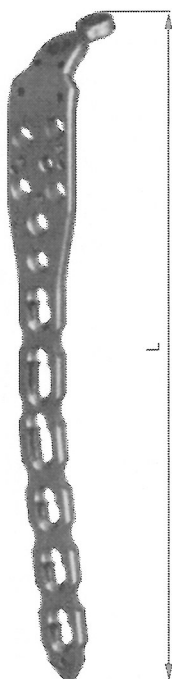
**Płytkę piszczelową bliższą przyśrodkową**  
Proximal medial tibial plate



| L (mm) | otwory<br>holes | LEWA / LEFT | PRAWA / RIGHT |
|--------|-----------------|-------------|---------------|
| 106    | 4               | X-04-06-04  | X-04-09-04    |
| 142    | 6               | X-04-06-06  | X-04-09-06    |
| 178    | 8               | X-04-06-08  | X-04-09-08    |
| 214    | 10              | X-04-06-10  | X-04-09-10    |
| 250    | 12              | X-04-06-12  | X-04-09-12    |
| 286    | 14              | X-04-06-14  | X-04-09-14    |
| 322    | 16              | X-04-06-16  | X-04-09-16    |

Wkręty blokowane / Locked screws:  $\varnothing$  5,0 mm  
Wkręty korowe / Cortical screw:  $\varnothing$  4,5 mm



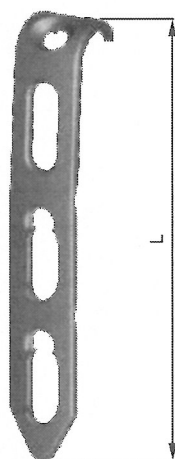


*Produkt nr 14 poz. 1*

**Płytko do wyrostka łokciowego**  
Olecranon plate

| L (mm) | otwory<br>holes | LEWA / LEFT | PRAWA / RIGHT |
|--------|-----------------|-------------|---------------|
| 86     | 2               | X-04-151-02 | X-04-152-02   |
| 112    | 4               | X-04-151-04 | X-04-152-04   |
| 138    | 6               | X-04-151-06 | X-04-152-06   |
| 164    | 8               | X-04-151-08 | X-04-152-08   |
| 190    | 10              | X-04-151-10 | X-04-152-10   |
| 216    | 12              | X-04-151-12 | X-04-152-12   |

Wkręty blokowane / Locked screws:  $\varnothing$  3,5 mm  
Wkręty korowe / Cortical screw:  $\varnothing$  3,5 mm

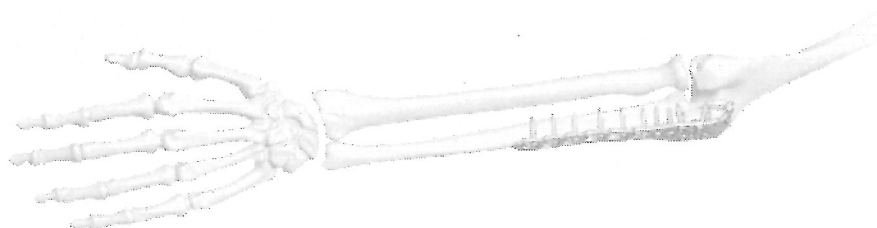


*Produkt nr 14 poz. 2*

**Płytko hakowa uniwersalna**  
Universal hook plate

| L (mm) | Nr kat.<br>Ref. no. |
|--------|---------------------|
| 62     | X-04-193-62         |

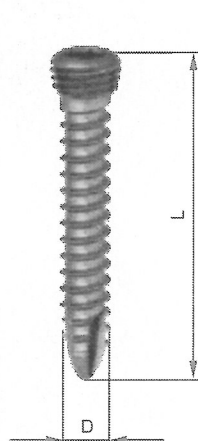
Wkręty blokowane / Locked screws:  $\varnothing$  3,5 mm  
Wkręty korowe / Cortical screw:  $\varnothing$  3,5 mm



### Wkręty blokowane samogwintujące

Self-tapping locked screws

*Poliet m 5 pr. 2, Poliet m 16 pr. 3*



| D = 2,4 mm         |            |            |
|--------------------|------------|------------|
| L (mm)             | ⊙ S2,5     | ⊙ T8       |
| 10-40<br>(co 2 mm) | X-01-200-L | X-01-208-L |

| D = 2,7 mm         |            |            |
|--------------------|------------|------------|
| L (mm)             | ⊙ S2,5     | ⊙ T8       |
| 10-48<br>(co 2 mm) | X-01-201-L | X-01-209-L |
| 50-60<br>(co 5 mm) | X-01-201-L | X-01-209-L |

### Wkręty blokowane samowierzące

Self-drilling locked screws

| D = 2,4 mm         |            |            |
|--------------------|------------|------------|
| L (mm)             | ⊙ S2,5     | ⊙ T8       |
| 10-40<br>(co 2 mm) | X-01-225-L | X-01-226-L |

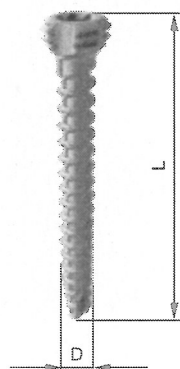
  

| D = 2,7 mm         |            |            |
|--------------------|------------|------------|
| L (mm)             | ⊙ S2,5     | ⊙ T8       |
| 10-48<br>(co 2 mm) | X-01-227-L | X-01-229-L |
| 50-60<br>(co 5 mm) | X-01-227-L | X-01-229-L |



### Wkręty blokowane MULTI samogwintujące

MULTI locked self-tapping screws



| D = 2,4 mm         |            | D = 2,7 mm |
|--------------------|------------|------------|
| L (mm)             | ⊙ T8       | ⊙ T8       |
| 10-40<br>(co 2 mm) | X-01-298-L | X-01-325-L |

### Wkręty blokowane zaślepiające

Screw hole insert

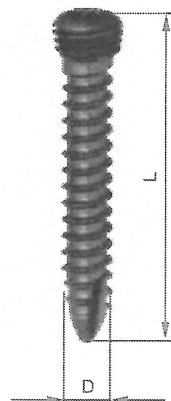
| ⊙ S2,5      | ⊙ T8        |
|-------------|-------------|
| X-01-200-02 | X-01-208-02 |



**Wkręty blokowane samogwintujące**

Self-tapping locked screws

*Poliset nr 5 poz. 3, Poliset nr 9 poz. 3  
Poliset nr 10 poz. 2  
Poliset nr 11 poz. 2  
Poliset nr 12 poz. 2*



| D = 3,5 mm         |           |            |
|--------------------|-----------|------------|
| L (mm)             | S2,5      | T15        |
| 10-60<br>(co 2 mm) | X-01-11-L | X-01-223-L |
| 35                 | X-01-11-L | X-01-223-L |
| 45                 | X-01-11-L | X-01-223-L |
| 65-90<br>(co 5 mm) | X-01-11-L | X-01-223-L |

| D = 2,7 mm         |            |            |
|--------------------|------------|------------|
| L (mm)             | S2,5       | T15        |
| 10-50<br>(co 2 mm) | X-01-202-L | X-01-224-L |
| 35                 | X-01-202-L | X-01-224-L |
| 45                 | X-01-202-L | X-01-224-L |
| 55-60<br>(co 5 mm) | X-01-202-L | X-01-224-L |

**Wkręty blokowane samowierzące**

Self-drilling locked screws



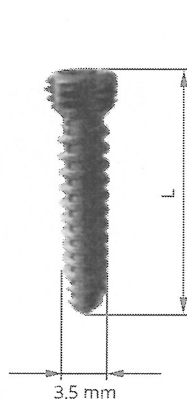
| D = 3,5 mm         |            |            |
|--------------------|------------|------------|
| L (mm)             | S2,5       | T15        |
| 10-60<br>(co 2 mm) | X-01-206-L | X-01-214-L |
| 35                 | X-01-206-L | X-01-214-L |
| 45                 | X-01-206-L | X-01-214-L |
| 65-90<br>(co 5 mm) | X-01-206-L | X-01-214-L |

| D = 2,7 mm         |            |            |
|--------------------|------------|------------|
| L (mm)             | S2,5       | T15        |
| 10-50<br>(co 2 mm) | X-01-228-L | X-01-230-L |
| 35                 | X-01-228-L | X-01-230-L |
| 45                 | X-01-228-L | X-01-230-L |
| 55-60<br>(co 5 mm) | X-01-228-L | X-01-230-L |



**Wkręty blokowane MULTI samogwintujące**

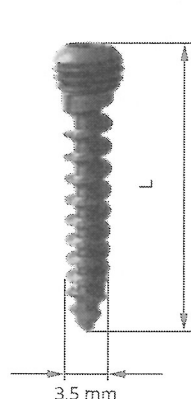
MULTI locked self-tapping screws



| L (mm)             | T15        |
|--------------------|------------|
| 10-60<br>(co 2 mm) | X-01-322-L |
| 65-95<br>(co 5 mm) | X-01-322-L |

**Wkręty blokowane do kości gąbczastej**

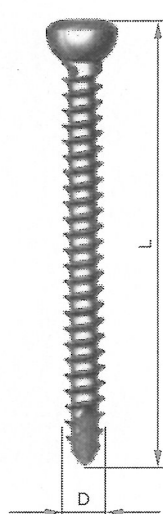
Cancellous locked screws



| L (mm)            | S2,5       |
|-------------------|------------|
| 6-96<br>(co 2 mm) | X-01-314-L |

**Wkręty do kości drobnych, korowe, samogwintujące**

Cortical self-tapping screws for small bones fragments



| D = 2,4 mm        |            |            |
|-------------------|------------|------------|
| L (mm)            | ○ S2,5     | ⊕ T8       |
| 6-40<br>(co 2 mm) | X-01-239-L | X-01-240-L |

*Paliet nr 5 poz. 4, Paliet nr 9 poz. 4,  
Paliet nr 10 poz. 3, Paliet nr 11 poz. 3,*

| D = 3,5 mm        |           |            |
|-------------------|-----------|------------|
| L (mm)            | ○ S2,5    | ⊕ T15      |
| 8-90<br>(co 2 mm) | X-01-51-L | X-01-221-L |

*Paliet nr 12 poz. 3, Paliet nr 14 poz. 4*



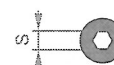
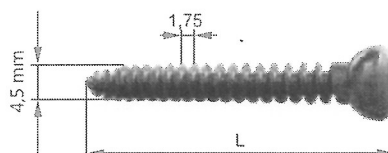
| D = 2,7 mm        |           |            |
|-------------------|-----------|------------|
| L (mm)            | ○ S2,5    | ⊕ T8       |
| 6-40<br>(co 2 mm) | X-01-48-L | X-01-216-L |

*Paliet nr 6 poz. 3, Paliet nr 7 poz. 3,  
Paliet nr 8 poz. 5, Paliet nr 13 poz. 3*

| D = 4,5 mm          |           |            |
|---------------------|-----------|------------|
| L (mm)              | ○ S3,5    | ⊕ T25      |
| 12-90<br>(co 2 mm)  | X-01-04-L | X-01-218-L |
| 95-115<br>(co 5 mm) | X-01-04-L | X-01-218-L |

**Wkręty do kości gąbczastej samogwintujące**

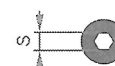
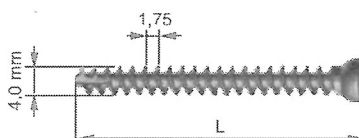
Cancellous self-tapping screws

**SYSTEM 5,0**


| L (mm)              | ○ S3,5     |
|---------------------|------------|
| 20-120<br>(co 5 mm) | X-01-319-L |

**Wkręty do kości łódkowatej samogwintujące**

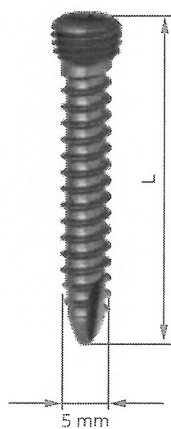
Navicular self-tapping screws

**SYSTEM 3,5**


| L (mm)             | ○ S2,5    |
|--------------------|-----------|
| 8-60<br>(co 2 mm)  | X-01-27-L |
| 35                 | X-01-27-L |
| 45                 | X-01-27-L |
| 55                 | X-01-27-L |
| 65-70<br>(co 5 mm) | X-01-27-L |

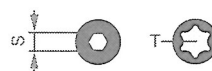
*Poluśnit m 6 prz. 2, Poluśnit m 7 prz. 2, Poluśnit m 8 prz. 4  
Poluśnit m 13 prz. 2*

**Wkręty blokowane samogwintujące**  
Self-tapping locked screws

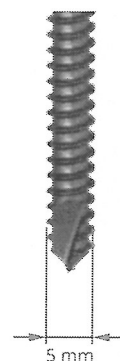


| L (mm)              | ⊙ S3,5    | ⊙ T25      |
|---------------------|-----------|------------|
| 14-60<br>(co 2 mm)  | X-01-17-L | X-01-222-L |
| 35                  | X-01-17-L | X-01-222-L |
| 45                  | X-01-17-L | X-01-222-L |
| 65-115<br>(co 5 mm) | X-01-17-L | X-01-222-L |

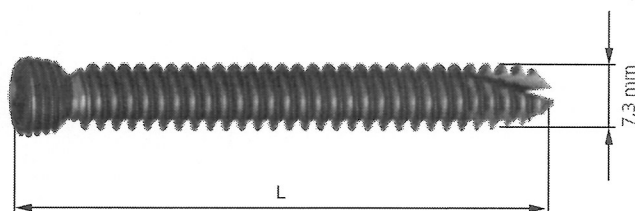
**Wkręty blokowane samowierzące**  
Self-drilling locked screws



| L (mm)              | ⊙ S3,5     | ⊙ T25      |
|---------------------|------------|------------|
| 14-60<br>(co 2 mm)  | X-01-207-L | X-01-215-L |
| 35                  | X-01-207-L | X-01-215-L |
| 45                  | X-01-207-L | X-01-215-L |
| 65-115<br>(co 5 mm) | X-01-207-L | X-01-215-L |

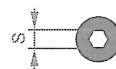
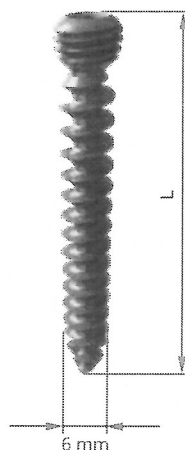


**Wkręt blokowany kaniulowany samowierzący**  
Self-drilling cannulated locked screw



| L (mm)              | ⊙ S3,5     | ⊙ T25      |
|---------------------|------------|------------|
| 30-145<br>(co 5 mm) | X-01-204-L | X-01-212-L |

**Wkręty blokowany do kości gąbczastej**  
Cancellous locked screws



| L (mm)              | ⊙ S3,5     |
|---------------------|------------|
| 25-125<br>(co 5 mm) | X-01-306-L |



## Gwóźdź elastyczny śródszpikowy Intramedullary elastic nail

*Poliuret m 18*



| Kolor / Colour     | D [mm] | L [mm] | Nr kat. / Ref. no. |
|--------------------|--------|--------|--------------------|
| Różowy / Pink      | 1,5    | 300    | X-06-131-300       |
| Zielony / Green    | 2,0    | 440    | X-06-132-440       |
| Brązowy / Brown    | 2,5    | 440    | X-06-133-440       |
| Żółty / Yellow     | 3,0    | 440    | X-06-134-440       |
| Niebieski / Blue   | 3,5    | 440    | X-06-135-440       |
| Fioletowy / Violet | 4,0    | 440    | X-06-136-440       |

### Materiał / Material X:

1- tytan / titanium;

11 - tytan + DLC / titanium + DLC;

105 - stop Ti6Al7Nb

\*DLC- pokryte węglem / DLC (Diamond-Like Carbon) coated

### Zaślepka do gwóźdźa śródszpikowego elastycznego Ø 1,5 - Ø 2,5.

End cap for intramedullary elastic nail Ø 1,5 - Ø 2,5.

| Kolor / Colour  | Nr kat. / Ref. no. |
|-----------------|--------------------|
| Brązowy / Brown | X-06-139-02        |



### Materiał / Material X:

1- tytan / titanium;

11 - tytan + DLC / titanium + DLC;

\*DLC- pokryte węglem / DLC (Diamond-Like Carbon) coated

### Zaślepka do gwóźdźa śródszpikowego elastycznego Ø 3,0 - Ø 4,0.

End cap for intramedullary elastic nail Ø 3,0 - Ø 4,0.

| Kolor / Colour  | Nr kat. / Ref. no. |
|-----------------|--------------------|
| Zielony / Green | X-06-139-01        |



### Materiał / Material X:

1- tytan / titanium;

11 - tytan + DLC / titanium + DLC;

\*DLC- pokryte węglem / DLC (Diamond-Like Carbon) coated

*Plakat nr 22, 23*

| Pierwszy człon numeru katalogowego<br>First part of REF No. | Materiały / Material                           | Właściwości / Properties                                                                                                                                                     |
|-------------------------------------------------------------|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                                                           | Stop tytanu / titanium                         | Materiał nieferromagnetyczny, zachowuje neutralność w polu działania rezonansu magnetycznego<br>Non-ferromagnetic material, remains neutral in the magnetic resonance field. |
| 21                                                          | Stop tytanu pokryty Si-DLC / titanium + Si-DLC |                                                                                                                                                                              |
| 7                                                           | Włókno węglowe / Carbon                        |                                                                                                                                                                              |
| 4                                                           | Stal / Stainless steel                         | Może powodować zakłócenia w polu działania rezonansu magnetycznego<br>May cause interference in the magnetic resonance field.                                                |

**PRZYKŁAD / EXAMPLE**

X-zz-zzz-zz

X = 1,21,7,4

z = numeracja / number

*Poliet mr 22 pz. 2*

Zacisk pręt - pręt.  
Rod - rod clamp.

Nr kat. / Ref. no.

X-13-07-02



*Poliet mr 22 pz. 1*

Zacisk pręt - grotowkręt.  
Rod - Schanz screw clamp.

Nr kat. / Ref. no.

X-13-07-01

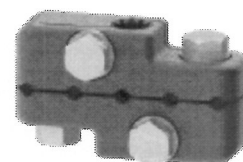


*Poliet mr 22 pz. 3*

Multizacisk.  
Multi Schanz screw clamp.

Nr kat. / Ref. no.

X-13-07-03



*Palet nr 22 poz. 5*

Pręt węglowy.  
Carbon rod.

| Ø [mm] | L [mm] | Nr kat. / Ref. no. |
|--------|--------|--------------------|
| 4,0    | 60-200 | 7-13-10-L          |

*Palet nr 22 poz. 6, Palet nr 23 poz. 6*

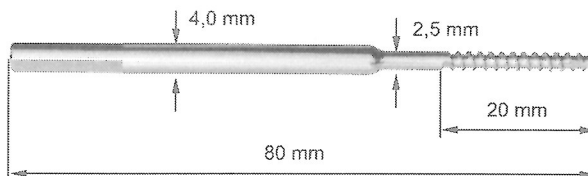
Grotokręt Schanza.  
Schanz screw.

| Ø [mm] | L [mm] | L1 [mm] | Nr kat. / Ref. no. |
|--------|--------|---------|--------------------|
| 2,5    | 60     | 20      | X-06-152-60        |
| 2,5    | 80     | 20      | X-06-152-80        |
| 2,5    | 100    | 30      | X-06-152-100       |
| 2,5    | 130    | 40      | X-06-152-130       |
| 3,0    | 60     | 20      | X-06-153-60        |
| 3,0    | 80     | 20      | X-06-153-80        |
| 3,0    | 100    | 30      | X-06-153-100       |
| 3,0    | 130    | 40      | X-06-153-130       |
| 3,0    | 150    | 40      | X-06-153-150       |
| 4,0    | 80     | 20      | X-06-154-80        |
| 4,0    | 100    | 30      | X-06-154-100       |
| 4,0    | 125    | 40      | X-06-154-125       |
| 4,0    | 150    | 40      | X-06-154-150       |
| 4,0    | 175    | 40      | X-06-154-175       |

Grotokręt Schanza Ø2.5| 4.0

Schanz screw

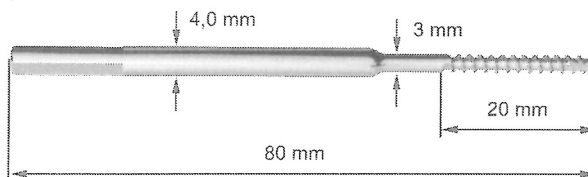
| L  | REF         |
|----|-------------|
| 80 | X-06-150-XX |



Grotokręt Schanza Ø3.0| 4.0

Schanz screw

| L  | REF         |
|----|-------------|
| 80 | X-06-151-XX |



*Pellicet nr 22 pr. 4*

**Belka - prosta.**

Rod - straight.



Ø [mm]      Nr kat. / Ref. no.

4,0      x-13-26-00

**Belka - 30°.**

Rod - 30°.



Ø [mm]      Nr kat. / Ref. no.

4,0      x-13-27-30

*Poliet nr 23 poz. 2*

Zacisk pręt - pręt.  
Rod - rod clamp.

Nr kat. / Ref. no.

X-13-05-02



*Poliet nr 23 poz. 1*

Zacisk pręt - grotowkręt.  
Rod - Schanz screw clamp.

Nr kat. / Ref. no.

X-13-05-01

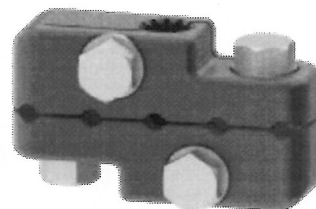


*Poliet nr 23 poz. 3*

Multizacisk.  
Multi Schanz screw clamp.

Nr kat. / Ref. no.

X-13-05-03





*Palet nr 23 poz. 5*

**Pręt węglowy.**  
Carbon rod.



| Ø [mm] | L [mm]  | Nr kat. / Ref. no. |
|--------|---------|--------------------|
| 11,0   | 100-500 | 7-13-08-L          |

*Palet nr 22 poz. 6, Palet nr 23 poz. 6*

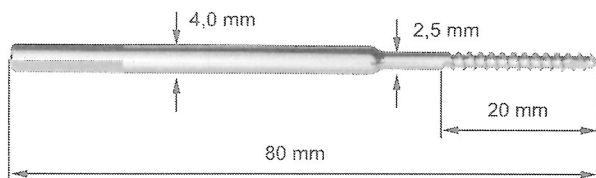
**Grotokręt Schanza.**  
Schanz screw.



| Ø [mm] | L [mm] | L1 [mm] | Nr kat. / Ref. no. |
|--------|--------|---------|--------------------|
| 4,0    | 80     | 20      | X-06-154-80        |
| 4,0    | 100    | 30      | X-06-154-100       |
| 4,0    | 125    | 40      | X-06-154-125       |
| 4,0    | 150    | 40      | X-06-154-150       |
| 4,0    | 175    | 40      | X-06-154-175       |
| 5,0    | 100    | 30      | X-06-155-100       |
| 5,0    | 125    | 40      | X-06-155-125       |
| 5,0    | 150    | 60      | X-06-155-150       |
| 5,0    | 175    | 60      | X-06-155-175       |
| 5,0    | 200    | 80      | X-06-155-200       |
| 5,0    | 250    | 80      | X-06-155-250       |
| 6,0    | 100    | 30      | X-06-156-100       |
| 6,0    | 125    | 40      | X-06-156-125       |
| 6,0    | 150    | 60      | X-06-156-150       |
| 6,0    | 175    | 60      | X-06-156-175       |
| 6,0    | 200    | 80      | X-06-156-200       |
| 6,0    | 250    | 80      | X-06-156-250       |

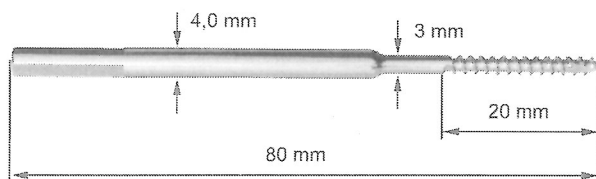
**Grotokręt Schanza Ø 2.5| 4.0**  
Schanz screw

| L  | REF         |
|----|-------------|
| 80 | X-06-150-XX |



**Grotokręt Schanza Ø 3.0| 4.0**  
Schanz screw

| L  | REF         |
|----|-------------|
| 80 | X-06-151-XX |



*Belka nr 23 poz. 4*

**Belka - prosta.**  
Rod - straight.

| Ø [mm] | Nr kat. / Ref. no. |
|--------|--------------------|
| 11,0   | x-13-14-00         |



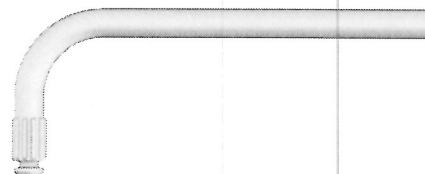
**Belka - 30°.**  
Rod - 30°.

| Ø [mm] | Nr kat. / Ref. no. |
|--------|--------------------|
| 11,0   | x-13-15-30         |



**Belka - 90°.**  
Rod - 90°.

| Ø [mm] | Nr kat. / Ref. no. |
|--------|--------------------|
| 11,0   | x-13-16-90         |



**Zacisk dwusystemowy M/L**  
Two-system chanz screw clamp.

| Nr kat. / Ref. no. |
|--------------------|
| X-13-24-0          |

