



WKRĘTY DO KOŚCI
BONE SCREWS
КОСТНЫЕ ВИНТЫ



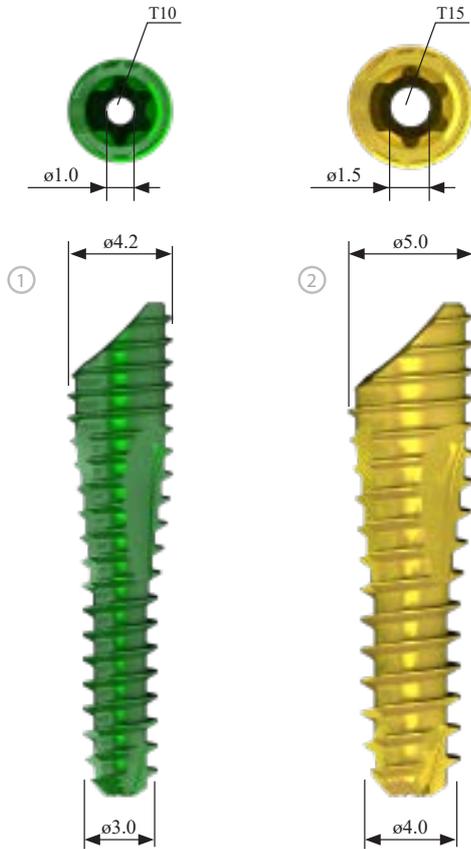
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| | |
|--|-----------|
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| DRILLS | |
| СВЕРЛА | |

CHM[®]

| | |
|---|---|
|  | Tytan lub stop tytanu Titanium or titanium alloy Титан или сплав титана |
|  | Stal Steel Сталь |
|  | Długość A [mm] A length [mm] Длина A [мм] |
|  | Długość B [mm] B length [mm] Длина B [мм] |
|  | Lewy Left Левый |
|  | Prawy Right Правый |
|  | Długość Length Длина |
|  | Średnica Diameter Диаметр |
|  | Samogwintująca Self - tapping Самонарезающий |

CHM[®]




 samowierzący
 self-drilling
 самосверлящий
 samogwintujący
 self-tapping
 самонарезающий



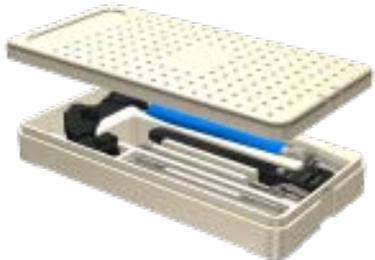
Len

Ti

| Len | Ti |
|--|------------|
| Wkręt kaniulowany 3,0 Cannulated screw 3.0 Винт канюлированный 3,0 | |
| 16 | 3.1480.016 |
| 18 | 3.1480.018 |
| 20 | 3.1480.020 |
| 22 | 3.1480.022 |
| 24 | 3.1480.024 |
| 26 | 3.1480.026 |
| 28 | 3.1480.028 |
| 30 | 3.1480.030 |
| 32 | 3.1480.032 |
| 34 | 3.1480.034 |
| 36 | 3.1480.036 |
| 38 | 3.1480.038 |
| 40 | 3.1480.040 |
| 42 | 3.1480.042 |
| 44 | 3.1480.044 |
| 46 | 3.1480.046 |
| 48 | 3.1480.048 |
| 50 | 3.1480.050 |
| 52 | 3.1480.052 |
| 54 | 3.1480.054 |
| 56 | 3.1480.056 |
| 58 | 3.1480.058 |
| 60 | 3.1480.060 |

19.2 p.d.

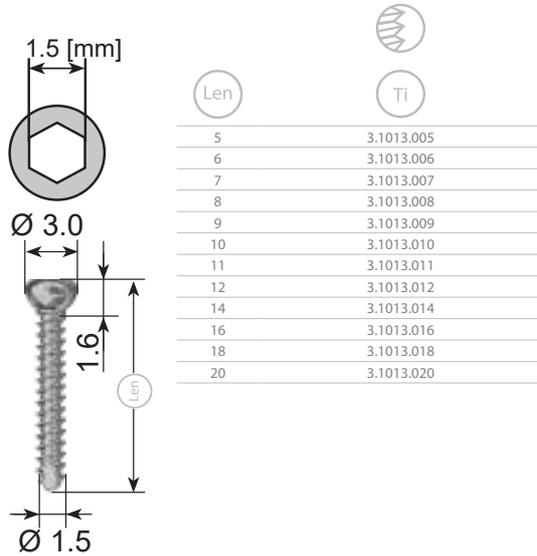
| Len | Ti |
|--|------------|
| Wkręt kaniulowany 4,0 Cannulated screw 4.0 Винт канюлированный 4,0 | |
| 30 | 3.1481.030 |
| 32 | 3.1481.032 |
| 34 | 3.1481.034 |
| 36 | 3.1481.036 |
| 38 | 3.1481.038 |
| 40 | 3.1481.040 |
| 42 | 3.1481.042 |
| 44 | 3.1481.044 |
| 46 | 3.1481.046 |
| 48 | 3.1481.048 |
| 50 | 3.1481.050 |
| 52 | 3.1481.052 |
| 54 | 3.1481.054 |
| 56 | 3.1481.056 |
| 58 | 3.1481.058 |
| 60 | 3.1481.060 |

| 15.0102.001 | Nazwa Name Название | Nr katalogowy Catalogue no. № по кат. | Szt. Pcs Шт. |
|---|---|---|--------------------|
|  | Instrumentarium 3.1480/3.1481 4X2 1/2H Instrument set for 3.1480/3.1481 4X2 1/2H Инструменты 3.1480/3.1481 4X2 1/2H | 15.0102.202 | 1 |
|  | Instrumentarium 3.1480/3.1481 4x2 1/2H Instrument set for 3.1480/3.1481 4X2 1/2H Инструменты 3.1480/3.1481 4X2 1/2H | 15.0102.203 | 1 |
|  | Statyw na wkręty 3.1480/3.1481 4X2H Stand for screws 3.1480/3.1481 4x2H Подставка для винтов 3.1480/3.1481 4X2H | 14.0102.401 | 1 |
|  | Kontener 3.1480/3.1481 4X4H Container for 3.1480/3.1481 4x4H Контейнер 3.1480/3.1481 4X4H | 14.0102.103 | 1 |
|  | Pokrywa kontenera 3.1480/3.1481 4X4H Container lid for 3.1480/3.1481 4x4H Покрышка для контейнера 3.1480/3.1481 4X4H | 14.0102.104 | 1 |

| 15.0102.202 | Nazwa Name Название | Nr katalogowy Catalogue no. № по кат. | Szt. Pcs Шт. |
|---|---|---|--------------------|
|  | Drut Kirschnera 1,0/150 Kirschner wire 1.0/150 Спица Киршнера 1,0/150 | 40.4814.150 | 4 |
|  | Drut Kirschnera 1,5/150 Kirschner wire 1.5/150 Спица Киршнера 1,5/150 | 40.4592.150 | 4 |
|  | Wiertło kaniulowane 2,4/1,0/120 Cannulated drill 2.4/1.0/120 Сверло канюлированное 2,4/1,0/120 | 40.4974.122 | 2 |
|  | Wiertło kaniulowane 3,2/1,5/120 Cannulated drill 3.2/1.5/120 Сверло канюлированное 3,2/1,5/120 | 40.4973.122 | 2 |
|  | Wzorec długości Length measure Измеритель длины | 40.4975.000 | 1 |
|  | Tuleja prowadząca 1,0 Guide sleeve 1.0 Втулка направляющая 1,0 | 40.4988.010 | 1 |
|  | Tuleja prowadząca 1,0 Guide sleeve 1.0 Втулка направляющая 1,0 | 40.4988.110 | 1 |
|  | Tuleja prowadząca 1,5 Guide sleeve 1.5 Втулка направляющая 1,5 | 40.4988.015 | 1 |
|  | Tuleja prowadząca 1,5 Guide sleeve 1.5 Втулка направляющая 1,5 | 40.4988.115 | 1 |
|  | Frez 2,0/8 Cutter 2.0/8 Фреза 2,0/8 | 40.4977.008 | 2 |
|  | Frez 2,0/12 Cutter 2.0/12 Фреза 2,0/12 | 40.4977.012 | 2 |
|  | Frez 2,0/20 Cutter 2.0/20 Фреза 2,0/20 | 40.4976.020 | 2 |
|  | Frez 3,1/13 Cutter 3.1/13 Фреза 3,1/13 | 40.4978.013 | 2 |
|  | Frez 4,1/13 Cutter 4.1/13 Фреза 4,1/13 | 40.4979.013 | 2 |
|  | Frez 5,0/15 Cutter 5.1/15 Фреза 5,1/15 | 40.4980.015 | 2 |
|  | Statyw na instrumentarium 3.1480/3.1481 4X2 1/2H Stand for instrument set 3.1480/3.1481 4x2 1/2H Подставка для инструментов 3.1480/3.1481 4X2 1/2H | 14.0102.202 | 1 |

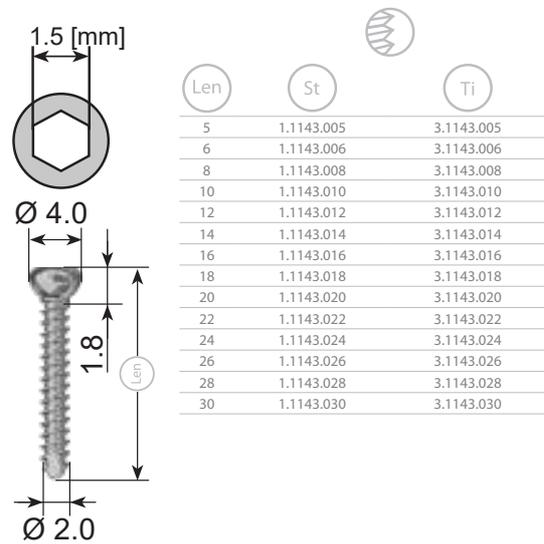
| 15.0102.203 | Nazwa Name Название | Nr katalogowy Catalogue no. № по кат. | Szt. Pcs Шт. |
|---|--|---|--------------------|
|  | Grot kaniulowany T10 Cannulated screwdriver tip T10 Наконечник канюлированный T10 | 40.4971.000 | 2 |
|  | Grot kaniulowany T15 Cannulated screwdriver tip T15 Наконечник канюлированный T15 | 40.4972.000 | 2 |
|  | Raszpla Bone rasp Рашпиль | 40.4983.000 | 1 |
|  | Podważka Elevator Элеватор | 40.4984.000 | 1 |
|  | Podważka Elevator Элеватор | 40.4985.000 | 1 |
|  | Podważka Elevator Элеватор | 40.4986.000 | 1 |
|  | Celownik Targeter Целенаправитель | 40.4989.000 | 1 |
|  | Prowadnica równoległa Parallel guide Направитель параллельный | 40.4987.000 | 1 |
|  | Rękojeść ze sprzęgłem Handle ratchet device Рукоятка со сцеплением | 40.6654.001 | 1 |
|  | Statyw na instrumentarium 3.1480/3.1481 4x2 1/2H Statyw na instrumentarium 3.1480/3.1481 4x2 1/2H Подставка для инструментов 3.1480/3.1481 4x2 1/2H | 14.0102.203 | 1 |

Ø 1.5



| | | |
|--|---------|--------|
| Ø rdzenia core стержень | | 1,0 |
| Ø wiertła do gwintu drill bit for thread hole сверло для резьбы | 40.2045 | 1,0 |
| gwintownik tap метчик | 40.2545 | HA 1,5 |
| wkrętak sześciokątny hexagonal screwdriver отвертка под шестигранник | 40.0409 | 1,5 |
| wkrętak sześciokątny z chwytakiem S 1,5x3,0 hexagonal screwdriver with holder S 1.5x3.0 отвертка шестигранная с держателем S 1,5x3,0 | 40.0309 | 1,5x3 |

Ø 2.0

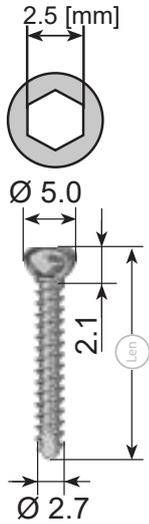


| | | |
|--|---------|--------|
| Ø rdzenia core стержень | | 1,3 |
| Ø wiertła do gwintu drill bit for thread hole сверло для резьбы | 40.2046 | 1,5 |
| gwintownik tap метчик | 40.2546 | HA 2,0 |
| wkrętak sześciokątny hexagonal screwdriver отвертка под шестигранник | 40.0409 | 1,5 |

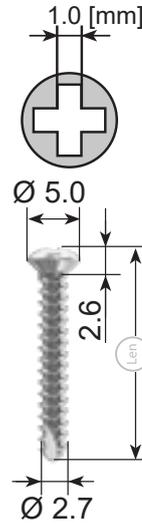
| Podkładka; Washer; Шайба | | |
|--------------------------|------------|----------|
| Ø2,0x6,0 | 1.1952.022 | Steel |
| | 3.1952.022 | Titanium |



Ø 2.7



| Len | St | Ti |
|-----|------------|------------|
| 6 | 1.1203.006 | 3.1203.006 |
| 8 | 1.1203.008 | 3.1203.008 |
| 10 | 1.1203.010 | 3.1203.010 |
| 12 | 1.1203.012 | 3.1203.012 |
| 14 | 1.1203.014 | 3.1203.014 |
| 16 | 1.1203.016 | 3.1203.016 |
| 18 | 1.1203.018 | 3.1203.018 |
| 20 | 1.1203.020 | 3.1203.020 |
| 22 | 1.1203.022 | 3.1203.022 |
| 24 | 1.1203.024 | 3.1203.024 |
| 26 | 1.1203.026 | 3.1203.026 |
| 28 | 1.1203.028 | 3.1203.028 |
| 30 | 1.1203.030 | 3.1203.030 |
| 32 | 1.1203.032 | 3.1203.032 |
| 34 | 1.1203.034 | 3.1203.034 |
| 36 | 1.1203.036 | 3.1203.036 |
| 38 | 1.1203.038 | 3.1203.038 |
| 40 | 1.1203.040 | 3.1203.040 |



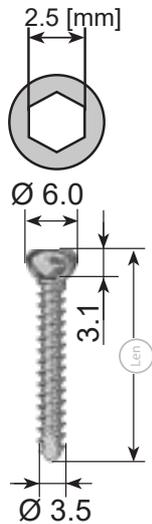
| Len | St | Ti |
|-----|------------|------------|
| 6 | 1.1204.006 | 3.1204.006 |
| 8 | 1.1204.008 | 3.1204.008 |
| 10 | 1.1204.010 | 3.1204.010 |
| 12 | 1.1204.012 | 3.1204.012 |
| 14 | 1.1204.014 | 3.1204.014 |
| 16 | 1.1204.016 | 3.1204.016 |
| 18 | 1.1204.018 | 3.1204.018 |
| 20 | 1.1204.020 | 3.1204.020 |
| 22 | 1.1204.022 | 3.1204.022 |
| 24 | 1.1204.024 | 3.1204.024 |
| 26 | 1.1204.026 | 3.1204.026 |
| 28 | 1.1204.028 | 3.1204.028 |
| 30 | 1.1204.030 | 3.1204.030 |
| 32 | 1.1204.032 | 3.1204.032 |
| 34 | 1.1204.034 | 3.1204.034 |
| 36 | 1.1204.036 | 3.1204.036 |
| 38 | 1.1204.038 | 3.1204.038 |
| 40 | 1.1204.040 | 3.1204.040 |

| | | |
|--|---------|--------|
| Ø rdzenia core стержень | | 1,9 |
| Ø wiertła do gwintu drill bit for thread hole сверло для резьбы | 40.2047 | 2,0 |
| gwintownik tap метчик | 40.2547 | HA 2,7 |
| wkrętak krzyżakowy cross screwdriver отвертка под крест | 40.0318 | 0,8 |
| wkrętak sześciokątny hexagonal screwdriver отвертка под шестигранник | 40.0321 | 2,5 |
| wkrętak sześciokątny z chwytakiem hexagonal screwdriver with holder отвертка шестигранная с держателем | 40.0330 | 2,5×5 |

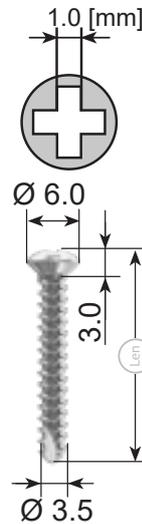
| Podkładka; Washer; Шайба | | |
|--------------------------|------------|----------|
| Ø2,9×6,5 | 1.1952.001 | Steel |
| | 3.1952.001 | Titanium |



Ø 3.5



| Len | St | Ti |
|-----|------------|------------|
| 10 | 1.1283.010 | 3.1283.010 |
| 12 | 1.1283.012 | 3.1283.012 |
| 14 | 1.1283.014 | 3.1283.014 |
| 16 | 1.1283.016 | 3.1283.016 |
| 18 | 1.1283.018 | 3.1283.018 |
| 20 | 1.1283.020 | 3.1283.020 |
| 22 | 1.1283.022 | 3.1283.022 |
| 24 | 1.1283.024 | 3.1283.024 |
| 26 | 1.1283.026 | 3.1283.026 |
| 28 | 1.1283.028 | 3.1283.028 |
| 30 | 1.1283.030 | 3.1283.030 |
| 32 | 1.1283.032 | 3.1283.032 |
| 34 | 1.1283.034 | 3.1283.034 |
| 36 | 1.1283.036 | 3.1283.036 |
| 38 | 1.1283.038 | 3.1283.038 |
| 40 | 1.1283.040 | 3.1283.040 |
| 45 | 1.1283.045 | 3.1283.045 |
| 50 | 1.1283.050 | 3.1283.050 |
| 55 | 1.1283.055 | 3.1283.055 |
| 60 | 1.1283.060 | 3.1283.060 |
| 65 | 1.1283.065 | 3.1283.065 |
| 70 | 1.1283.070 | 3.1283.070 |
| 75 | 1.1283.075 | 3.1283.075 |
| 80 | 1.1283.080 | 3.1283.080 |
| 85 | 1.1283.085 | 3.1283.085 |
| 90 | 1.1283.090 | 3.1283.090 |
| 95 | 1.1283.095 | 3.1283.095 |
| 100 | 1.1283.100 | 3.1283.100 |
| 105 | 1.1283.105 | 3.1283.105 |
| 110 | 1.1283.110 | 3.1283.110 |



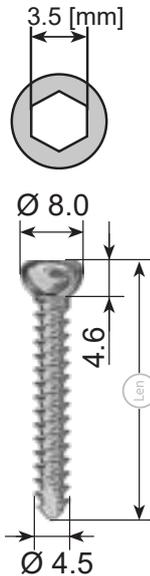
| Len | St | Ti |
|-----|------------|------------|
| 10 | 1.1284.010 | 3.1284.010 |
| 12 | 1.1284.012 | 3.1284.012 |
| 14 | 1.1284.014 | 3.1284.014 |
| 16 | 1.1284.016 | 3.1284.016 |
| 18 | 1.1284.018 | 3.1284.018 |
| 20 | 1.1284.020 | 3.1284.020 |
| 22 | 1.1284.022 | 3.1284.022 |
| 24 | 1.1284.024 | 3.1284.024 |
| 26 | 1.1284.026 | 3.1284.026 |
| 28 | 1.1284.028 | 3.1284.028 |
| 30 | 1.1284.030 | 3.1284.030 |
| 32 | 1.1284.032 | 3.1284.032 |
| 34 | 1.1284.034 | 3.1284.034 |
| 36 | 1.1284.036 | 3.1284.036 |
| 38 | 1.1284.038 | 3.1284.038 |
| 40 | 1.1284.040 | 3.1284.040 |
| 45 | 1.1284.045 | 3.1284.045 |
| 50 | 1.1284.050 | 3.1284.050 |
| 54 | 1.1284.054 | 3.1284.054 |
| 55 | 1.1284.055 | 3.1284.055 |
| 60 | 1.1284.060 | 3.1284.060 |
| 65 | 1.1284.065 | 3.1284.065 |
| 70 | 1.1284.070 | 3.1284.070 |
| 75 | 1.1284.075 | 3.1284.075 |
| 80 | 1.1284.080 | 3.1284.080 |
| 85 | 1.1284.085 | 3.1284.085 |
| 90 | 1.1284.090 | 3.1284.090 |
| 95 | 1.1284.095 | 3.1284.095 |
| 100 | 1.1284.100 | 3.1284.100 |
| 105 | 1.1284.105 | 3.1284.105 |
| 110 | 1.1284.110 | 3.1284.110 |

| | | |
|--|---------|--------|
| Ø rdzenia core стержень | | 2,4 |
| Ø wiertła do gwintu drill bit for thread hole сверло для резьбы | 40.2049 | 2,5 |
| gwintownik tap метчик | 40.2548 | HA 3,5 |
| wkręтак sześciokątny hexagonal screwdriver отвертка под шестигранник | 40.0321 | 2,5 |
| wkręтак krzyżakowy cross screwdriver отвертка под крест | 40.0318 | 0,8 |
| wkręтак sześciokątny z chwytakiem hexagonal screwdriver with holder отвертка шестигранная с держателем | 40.0332 | 2,5×6 |

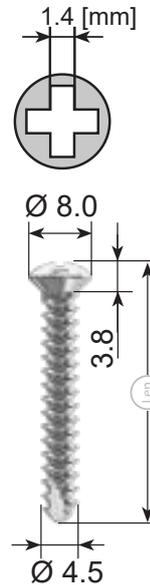
| Podkładka; Washer; Шайба | | |
|--------------------------|------------|----------|
| Ø3,7×10 | 1.1952.003 | Steel |
| | 3.1952.003 | Titanium |



Ø 4.5



| Len | St | Ti |
|-----|------------|------------|
| 10 | 1.1443.010 | 3.1443.010 |
| 12 | 1.1443.012 | 3.1443.012 |
| 14 | 1.1443.014 | 3.1443.014 |
| 16 | 1.1443.016 | 3.1443.016 |
| 18 | 1.1443.018 | 3.1443.018 |
| 20 | 1.1443.020 | 3.1443.020 |
| 22 | 1.1443.022 | 3.1443.022 |
| 24 | 1.1443.024 | 3.1443.024 |
| 26 | 1.1443.026 | 3.1443.026 |
| 28 | 1.1443.028 | 3.1443.028 |
| 30 | 1.1443.030 | 3.1443.030 |
| 32 | 1.1443.032 | 3.1443.032 |
| 34 | 1.1443.034 | 3.1443.034 |
| 36 | 1.1443.036 | 3.1443.036 |
| 38 | 1.1443.038 | 3.1443.038 |
| 40 | 1.1443.040 | 3.1443.040 |
| 42 | 1.1443.042 | 3.1443.042 |
| 44 | 1.1443.044 | 3.1443.044 |
| 46 | 1.1443.046 | 3.1443.046 |
| 48 | 1.1443.048 | 3.1443.048 |
| 50 | 1.1443.050 | 3.1443.050 |
| 52 | 1.1443.052 | 3.1443.052 |
| 54 | 1.1443.054 | 3.1443.054 |
| 56 | 1.1443.056 | 3.1443.056 |
| 58 | 1.1443.058 | 3.1443.058 |
| 60 | 1.1443.060 | 3.1443.060 |
| 62 | 1.1443.062 | 3.1443.062 |
| 64 | 1.1443.064 | 3.1443.064 |
| 66 | 1.1443.066 | 3.1443.066 |
| 68 | 1.1443.068 | 3.1443.068 |
| 70 | 1.1443.070 | 3.1443.070 |
| 72 | 1.1443.072 | 3.1443.072 |
| 74 | 1.1443.074 | 3.1443.074 |
| 76 | 1.1443.076 | 3.1443.076 |
| 78 | 1.1443.078 | 3.1443.078 |
| 80 | 1.1443.080 | 3.1443.080 |
| 85 | 1.1443.085 | 3.1443.085 |
| 90 | 1.1443.090 | 3.1443.090 |
| 95 | 1.1443.095 | 3.1443.095 |
| 100 | 1.1443.100 | 3.1443.100 |
| 105 | 1.1443.105 | 3.1443.105 |
| 110 | 1.1443.110 | 3.1443.110 |
| 115 | 1.1443.115 | 3.1443.115 |
| 120 | 1.1443.120 | 3.1443.120 |



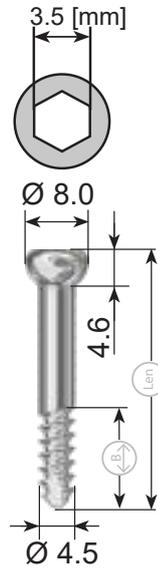
| Len | St | Ti |
|-----|------------|------------|
| 10 | 1.1444.010 | 3.1444.010 |
| 12 | 1.1444.012 | 3.1444.012 |
| 14 | 1.1444.014 | 3.1444.014 |
| 16 | 1.1444.016 | 3.1444.016 |
| 18 | 1.1444.018 | 3.1444.018 |
| 20 | 1.1444.020 | 3.1444.020 |
| 22 | 1.1444.022 | 3.1444.022 |
| 24 | 1.1444.024 | 3.1444.024 |
| 26 | 1.1444.026 | 3.1444.026 |
| 28 | 1.1444.028 | 3.1444.028 |
| 30 | 1.1444.030 | 3.1444.030 |
| 32 | 1.1444.032 | 3.1444.032 |
| 34 | 1.1444.034 | 3.1444.034 |
| 36 | 1.1444.036 | 3.1444.036 |
| 38 | 1.1444.038 | 3.1444.038 |
| 40 | 1.1444.040 | 3.1444.040 |
| 42 | 1.1444.042 | 3.1444.042 |
| 44 | 1.1444.044 | 3.1444.044 |
| 46 | 1.1444.046 | 3.1444.046 |
| 48 | 1.1444.048 | 3.1444.048 |
| 50 | 1.1444.050 | 3.1444.050 |
| 52 | 1.1444.052 | 3.1444.052 |
| 54 | 1.1444.054 | 3.1444.054 |
| 56 | 1.1444.056 | 3.1444.056 |
| 58 | 1.1444.058 | 3.1444.058 |
| 60 | 1.1444.060 | 3.1444.060 |
| 62 | 1.1444.062 | 3.1444.062 |
| 64 | 1.1444.064 | 3.1444.064 |
| 66 | 1.1444.066 | 3.1444.066 |
| 68 | 1.1444.068 | 3.1444.068 |
| 70 | 1.1444.070 | 3.1444.070 |
| 72 | 1.1444.072 | 3.1444.072 |
| 74 | 1.1444.074 | 3.1444.074 |
| 76 | 1.1444.076 | 3.1444.076 |
| 78 | 1.1444.078 | 3.1444.078 |
| 80 | 1.1444.080 | 3.1444.080 |
| 85 | 1.1444.085 | 3.1444.085 |
| 90 | 1.1444.090 | 3.1444.090 |
| 95 | 1.1444.095 | 3.1444.095 |
| 100 | 1.1444.100 | 3.1444.100 |
| 105 | 1.1444.105 | 3.1444.105 |
| 110 | 1.1444.110 | 3.1444.110 |
| 115 | 1.1444.115 | 3.1444.115 |
| 120 | 1.1444.120 | 3.1444.120 |

| | | |
|--|---------|--------|
| Ø rdzenia core стержень | | 3,0 |
| Ø wiertła do gwintu drill bit for thread hole сверло для резьбы | 40.2053 | 3,2 |
| gwintownik tap метчик | 40.2550 | HA 4,5 |
| wkrętał sześciokątny hexagonal screwdriver отвертка под шестигранник | 40.0320 | 3,5 |
| wkrętał sześciokątny z chwytakiem hexagonal screwdriver with holder отвертка шестигранная с держателем | 40.0333 | 3,5x8 |
| wkrętał krzyżakowy cross screwdriver отвертка под крест | 40.0319 | 1,2 |
| wkrętał krzyżakowy z chwytakiem cross screwdriver with holder отвертка под крест с держателем | 40.0329 | 1,2x8 |



| Podkładka; Washer; Шайба | | | Podkładka; Washer; Шайба | | |
|--------------------------|------------|----------|--------------------------|------------|----------|
| Ø5,5x20 | 1.1952.004 | Steel | Ø4,5x11 | 1.1951.006 | Steel |
| | 3.1952.004 | Titanium | | 3.1951.006 | Titanium |
| Ø5,5x15 | 1.1952.005 | Steel | Ø5,0x11 | 1.1951.013 | Steel |
| | 3.1952.005 | Titanium | | 3.1951.013 | Titanium |
| Ø5,5x10 | 1.1952.006 | Steel | | 1.1951.014 | Steel |
| | 3.1952.006 | Titanium | | 3.1951.014 | Titanium |
| Ø4,5x10 | 1.1951.001 | Steel | Ø5,0x13 | 1.1951.002 | Steel |
| | 3.1951.001 | Titanium | | 3.1951.002 | Titanium |
| | | | Ø4,5x15 | 1.1952.012 | Steel |
| | | | | 3.1952.012 | Titanium |

Ø 4.5



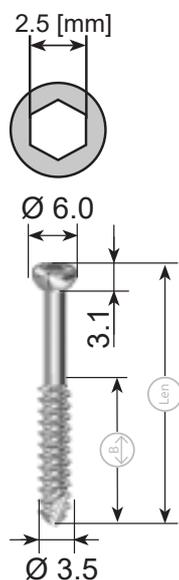
| Len | B | St | Ti |
|-----|----|------------|------------|
| 26 | 13 | 1.1450.026 | 3.1450.026 |
| 28 | 13 | 1.1450.028 | 3.1450.028 |
| 30 | 13 | 1.1450.030 | 3.1450.030 |
| 32 | 13 | 1.1450.032 | 3.1450.032 |
| 34 | 13 | 1.1450.034 | 3.1450.034 |
| 36 | 13 | 1.1450.036 | 3.1450.036 |
| 38 | 13 | 1.1450.038 | 3.1450.038 |
| 40 | 13 | 1.1450.040 | 3.1450.040 |
| 42 | 16 | 1.1450.042 | 3.1450.042 |
| 44 | 16 | 1.1450.044 | 3.1450.044 |
| 46 | 16 | 1.1450.046 | 3.1450.046 |
| 48 | 16 | 1.1450.048 | 3.1450.048 |
| 50 | 16 | 1.1450.050 | 3.1450.050 |
| 52 | 16 | 1.1450.052 | 3.1450.052 |
| 54 | 16 | 1.1450.054 | 3.1450.054 |
| 56 | 16 | 1.1450.056 | 3.1450.056 |
| 58 | 20 | 1.1450.058 | 3.1450.058 |
| 60 | 20 | 1.1450.060 | 3.1450.060 |
| 64 | 20 | 1.1450.064 | 3.1450.064 |
| 68 | 20 | 1.1450.068 | 3.1450.068 |
| 72 | 20 | 1.1450.072 | 3.1450.072 |
| 76 | 20 | 1.1450.076 | 3.1450.076 |
| 80 | 20 | 1.1450.080 | 3.1450.080 |

| | | |
|--|---------|--------|
| Ø rdzenia core стержень | | 3,0 |
| Ø wiertła do gwintu drill bit for thread hole сверло для резьбы | 40.2053 | 3,2 |
| Ø wiertło do części niegwintowanej drill bit for not thread part сверло нерезьбовой части | 40.0615 | 4,5 |
| gwintownik tap метчик | 40.2550 | HA 4,5 |
| wkręтак sześciokątny hexagonal screwdriver отвертка под шестигранник | 40.0320 | 3,5 |
| wkręтак sześciokątny z chwytakiem hexagonal screwdriver with holder отвертка шестигранная с держателем | 40.0333 | 3,5×8 |



| Podkładka; Washer; Шайба | | | Podkładka; Washer; Шайба | | |
|--------------------------|------------|----------|--------------------------|------------|----------|
| Ø5,5×20 | 1.1952.004 | Steel | Ø4,5×11 | 1.1951.006 | Steel |
| | 3.1952.004 | Titanium | | 3.1951.006 | Titanium |
| Ø5,5×15 | 1.1952.005 | Steel | Ø5,0×11 | 1.1951.013 | Steel |
| | 3.1952.005 | Titanium | | 3.1951.013 | Titanium |
| Ø5,5×10 | 1.1952.006 | Steel | Ø5,0×13 | 1.1951.014 | Steel |
| | 3.1952.006 | Titanium | | 3.1951.014 | Titanium |
| Ø4,5×10 | 1.1951.001 | Steel | Ø4,5×15 | 1.1952.012 | Steel |
| | 3.1951.001 | Titanium | | 3.1952.012 | Titanium |

Ø 3.5



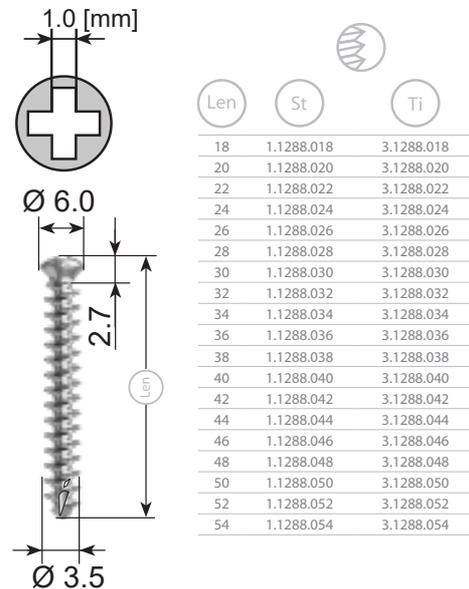
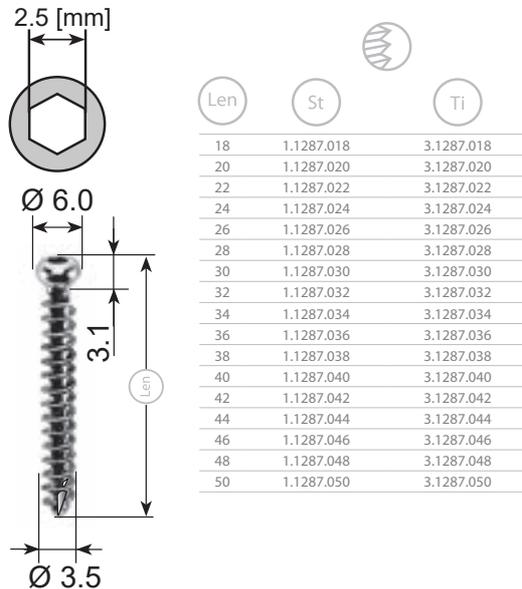
| Len | B | St | Ti |
|-----|----|------------|------------|
| 10 | 5 | 1.1300.010 | 3.1300.010 |
| 12 | 6 | 1.1300.012 | 3.1300.012 |
| 14 | 6 | 1.1300.014 | 3.1300.014 |
| 16 | 6 | 1.1300.016 | 3.1300.016 |
| 18 | 8 | 1.1300.018 | 3.1300.018 |
| 20 | 8 | 1.1300.020 | 3.1300.020 |
| 22 | 10 | 1.1300.022 | 3.1300.022 |
| 24 | 10 | 1.1300.024 | 3.1300.024 |
| 26 | 10 | 1.1300.026 | 3.1300.026 |
| 28 | 10 | 1.1300.028 | 3.1300.028 |
| 30 | 12 | 1.1300.030 | 3.1300.030 |
| 32 | 12 | 1.1300.032 | 3.1300.032 |
| 34 | 12 | 1.1300.034 | 3.1300.034 |
| 36 | 12 | 1.1300.036 | 3.1300.036 |
| 38 | 14 | 1.1300.038 | 3.1300.038 |
| 40 | 14 | 1.1300.040 | 3.1300.040 |
| 42 | 14 | 1.1300.042 | 3.1300.042 |
| 44 | 16 | 1.1300.044 | 3.1300.044 |
| 46 | 16 | 1.1300.046 | 3.1300.046 |
| 48 | 16 | 1.1300.048 | 3.1300.048 |
| 50 | 16 | 1.1300.050 | 3.1300.050 |
| 52 | 18 | 1.1300.052 | 3.1300.052 |
| 54 | 18 | 1.1300.054 | 3.1300.054 |
| 56 | 18 | 1.1300.056 | 3.1300.056 |
| 58 | 18 | 1.1300.058 | 3.1300.058 |
| 60 | 18 | 1.1300.060 | 3.1300.060 |

| | | |
|--|---------|--------|
| Ø rdzenia core стержень | | 2,0 |
| Ø wiertła do gwintu drill bit for thread hole сверло для резьбы | 40.2047 | 2,0 |
| gwintownik tap метчик | 40.2552 | HB 3,5 |
| wkrętał sześciokątny hexagonal screwdriver отвертка под шестигранник | 40.0321 | 2,5 |
| wkrętał sześciokątny z chwytakiem hexagonal screwdriver with holder отвертка шестигранная с держателем | 40.0332 | 2,5×6 |

| Podkładka; Washer; Шайба | | |
|--------------------------|------------|----------|
| Ø3,7×10 | 1.1952.003 | Steel |
| | 3.1952.003 | Titanium |



Ø 3.5

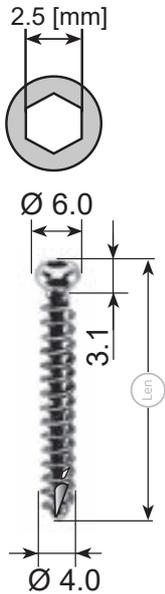


| | | |
|---|---------|--------|
| Ø rdzenia core стержень | 2,0 | |
| Ø wiertła do gwintu drill bit for thread hole сверло для резьбы | 40.2047 | 2,0 |
| gwintownik tap метчик | 40.2552 | HВ 3,5 |
| wkrętarz sześciokątny hexagonal screwdriver отвертка под шестигранник | 40.0321 | 2,5 |
| wkrętarz sześciokątny z chwytakiem hexagonal screwdriver with holder отвертка шестигранная с держателем | 40.0332 | 2,5×6 |
| wkrętarz krzyżakowy cross screwdriver отвертка под крест | 40.0318 | 0,8 |
| wkrętarz krzyżakowy z chwytakiem cross screwdriver with holder отвертка под крест с держателем | 40.0328 | 0,8×6 |

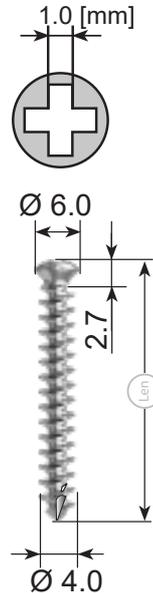
| Podkładka; Washer; Шайба | | |
|--------------------------|------------|----------|
| Ø3,7×10 | 1.1952.003 | Steel |
| | 3.1952.003 | Titanium |



Ø 4.0



| Len | St | Ti |
|-----|------------|------------|
| 18 | 1.1363.018 | 3.1363.018 |
| 20 | 1.1363.020 | 3.1363.020 |
| 22 | 1.1363.022 | 3.1363.022 |
| 24 | 1.1363.024 | 3.1363.024 |
| 26 | 1.1363.026 | 3.1363.026 |
| 28 | 1.1363.028 | 3.1363.028 |
| 30 | 1.1363.030 | 3.1363.030 |
| 35 | 1.1363.035 | 3.1363.035 |
| 40 | 1.1363.040 | 3.1363.040 |
| 45 | 1.1363.045 | 3.1363.045 |
| 50 | 1.1363.050 | 3.1363.050 |
| 55 | 1.1363.055 | 3.1363.055 |
| 60 | 1.1363.060 | 3.1363.060 |



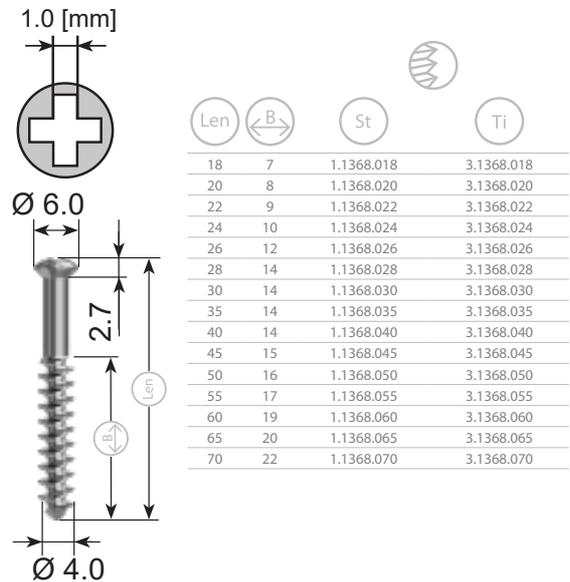
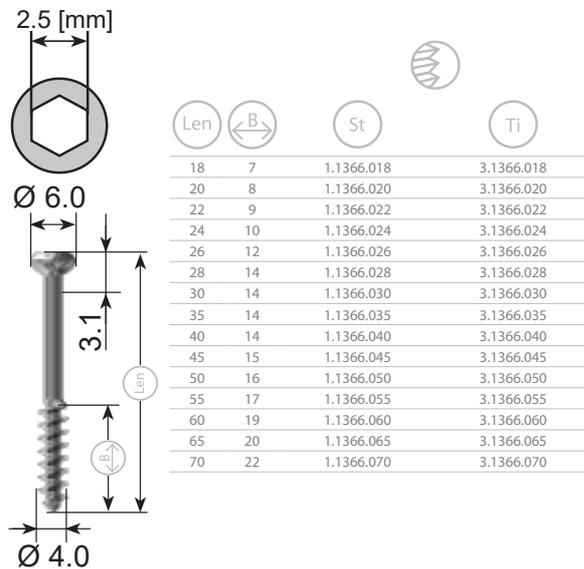
| Len | St | Ti |
|-----|------------|------------|
| 18 | 1.1364.018 | 3.1364.018 |
| 20 | 1.1364.020 | 3.1364.020 |
| 22 | 1.1364.022 | 3.1364.022 |
| 24 | 1.1364.024 | 3.1364.024 |
| 26 | 1.1364.026 | 3.1364.026 |
| 28 | 1.1364.028 | 3.1364.028 |
| 30 | 1.1364.030 | 3.1364.030 |
| 35 | 1.1364.035 | 3.1364.035 |
| 40 | 1.1364.040 | 3.1364.040 |
| 45 | 1.1364.045 | 3.1364.045 |
| 50 | 1.1364.050 | 3.1364.050 |
| 55 | 1.1364.055 | 3.1364.055 |
| 60 | 1.1364.060 | 3.1364.060 |

| | | |
|--|---------|-------|
| Ø rdzenia core стержень | | 1,8 |
| Ø wiertła do gwintu drill bit for thread hole сверло для резьбы | 40.2047 | 2,0 |
| gwintownik tap метчик | 40.2553 | HB 4 |
| wkręтак sześciokątny hexagonal screwdriver отвертка под шестигранник | 40.0321 | 2,5 |
| wkręтак sześciokątny z chwytakiem hexagonal screwdriver with holder отвертка шестигранная с держателем | 40.0332 | 2,5×6 |
| wkręтак krzyżakowy cross screwdriver отвертка под крест | 40.0318 | 0,8 |
| wkręтак krzyżakowy z chwytakiem cross screwdriver with holder отвертка под крест с держателем | 40.0328 | 0,8×6 |

| Podkładka; Washer; Шайба | | |
|--------------------------|------------|----------|
| Ø4,2×8 | 1.1952.002 | Steel |
| | 3.1952.002 | Titanium |



Ø 4.0

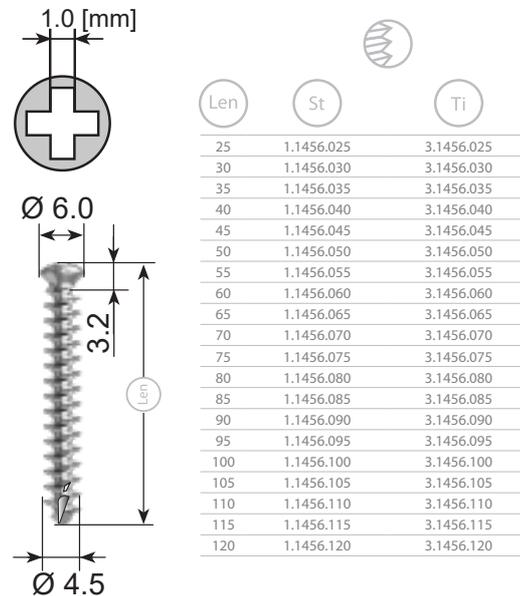
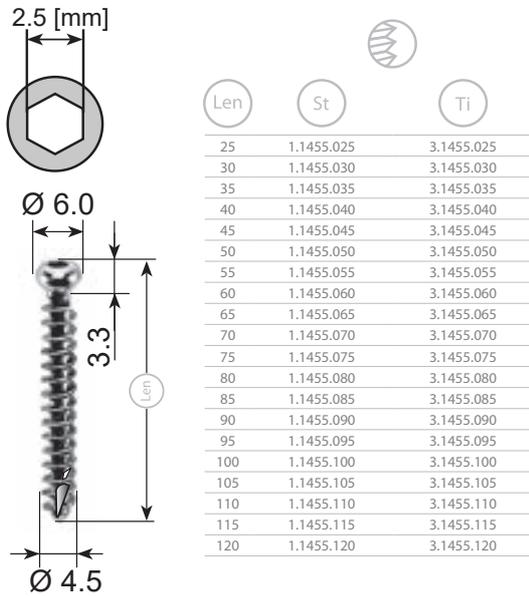


| | | |
|--|---------|-------|
| Ø rdzenia core стержень | | 1,8 |
| Ø wiertła do gwintu drill bit for thread hole сверло для резьбы | 40.2047 | 2,0 |
| gwintownik tap метчик | 40.2553 | HB 4 |
| wkręтак sześciokątny hexagonal screwdriver отвертка под шестигранник | 40.0321 | 2,5 |
| wkręтак sześciokątny z chwytakiem hexagonal screwdriver with holder отвертка шестигранная с держателем | 40.0332 | 2,5x6 |
| wkręтак krzyżakowy cross screwdriver отвертка под крест | 40.0318 | 0,8 |
| wkręтак krzyżakowy z chwytakiem cross screwdriver with holder отвертка под крест с держателем | 40.0328 | 0,8x6 |

| Podkładka; Washer; Шайба | | |
|--------------------------|------------|----------|
| Ø4,2x8 | 1.1952.002 | Steel |
| | 3.1952.002 | Titanium |



Ø 4.5



| | | |
|--|---------|-------|
| Ø rdzenia core стержень | | 2,3 |
| Ø wiertła do gwintu drill bit for thread hole сверло для резьбы | 40.2049 | 2,5 |
| gwintownik tap метчик | 40.2553 | HB 4 |
| wkręтак sześciokątny hexagonal screwdriver отвертка под шестигранник | 40.0332 | 2,5x6 |
| wkręтак krzyżakowy cross screwdriver отвертка под крест | 40.0328 | 0,8x6 |

| Podkładka; Washer; Шайба | | | Podkładka; Washer; Шайба | | |
|--------------------------|------------|----------|--------------------------|------------|----------|
| Ø4,5x10 | 1.1951.001 | Steel | Ø5,0x11 | 1.1951.013 | Steel |
| | 3.1951.001 | Titanium | | 3.1951.013 | Titanium |
| Ø4,5x11 | 1.1951.006 | Steel | | 1.1951.014 | Steel |
| | 3.1951.006 | Titanium | | 3.1951.014 | Titanium |
| Ø4,5x15 | 1.1952.012 | Steel | Ø5,0x13 | 1.1951.002 | Steel |
| | 3.1952.012 | Titanium | | 3.1951.002 | Titanium |

Ø 4.5

| Len | B | St | Ti |
|-----|----|------------|------------|
| 25 | 12 | 1.1457.025 | 3.1457.025 |
| 30 | 15 | 1.1457.030 | 3.1457.030 |
| 35 | 17 | 1.1457.035 | 3.1457.035 |
| 40 | 20 | 1.1457.040 | 3.1457.040 |
| 45 | 22 | 1.1457.045 | 3.1457.045 |
| 50 | 25 | 1.1457.050 | 3.1457.050 |
| 55 | 27 | 1.1457.055 | 3.1457.055 |
| 60 | 30 | 1.1457.060 | 3.1457.060 |
| 65 | 32 | 1.1457.065 | 3.1457.065 |
| 70 | 35 | 1.1457.070 | 3.1457.070 |
| 75 | 37 | 1.1457.075 | 3.1457.075 |
| 80 | 40 | 1.1457.080 | 3.1457.080 |
| 85 | 42 | 1.1457.085 | 3.1457.085 |
| 90 | 45 | 1.1457.090 | 3.1457.090 |
| 95 | 47 | 1.1457.095 | 3.1457.095 |
| 100 | 50 | 1.1457.100 | 3.1457.100 |
| 105 | 52 | 1.1457.105 | 3.1457.105 |
| 110 | 55 | 1.1457.110 | 3.1457.110 |
| 115 | 57 | 1.1457.115 | 3.1457.115 |
| 120 | 60 | 1.1457.120 | 3.1457.120 |

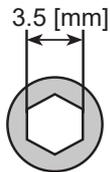
| Len | B | St | Ti |
|-----|----|------------|------------|
| 25 | 12 | 1.1458.025 | 3.1458.025 |
| 30 | 15 | 1.1458.030 | 3.1458.030 |
| 35 | 17 | 1.1458.035 | 3.1458.035 |
| 40 | 20 | 1.1458.040 | 3.1458.040 |
| 45 | 22 | 1.1458.045 | 3.1458.045 |
| 50 | 25 | 1.1458.050 | 3.1458.050 |
| 55 | 27 | 1.1458.055 | 3.1458.055 |
| 60 | 30 | 1.1458.060 | 3.1458.060 |
| 65 | 32 | 1.1458.065 | 3.1458.065 |
| 70 | 35 | 1.1458.070 | 3.1458.070 |
| 75 | 37 | 1.1458.075 | 3.1458.075 |
| 80 | 40 | 1.1458.080 | 3.1458.080 |
| 85 | 42 | 1.1458.085 | 3.1458.085 |
| 90 | 45 | 1.1458.090 | 3.1458.090 |
| 95 | 47 | 1.1458.095 | 3.1458.095 |
| 100 | 50 | 1.1458.100 | 3.1458.100 |
| 105 | 52 | 1.1458.105 | 3.1458.105 |
| 110 | 55 | 1.1458.110 | 3.1458.110 |
| 115 | 57 | 1.1458.115 | 3.1458.115 |
| 120 | 60 | 1.1458.120 | 3.1458.120 |

| | | | |
|--|---------|-------|--|
| Ø rdzenia core стержень | | 2,3 | |
| Ø wiertła do gwintu drill bit for thread hole сверло для резьбы | 40.2049 | 2,5 | |
| gwintownik tap метчик | 40.2553 | HB 4 | |
| wkręтак sześciokątny hexagonal screwdriver отвертка под шестигранник | 40.0332 | 2,5x6 | |
| wkręтак krzyżakowy cross screwdriver отвертка под крест | 40.0328 | 0,8x6 | |

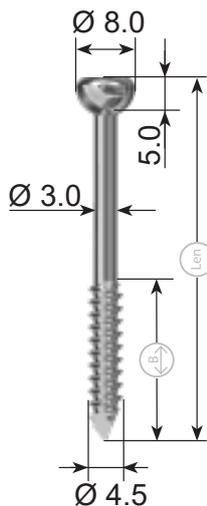


| Podkładka; Washer; Шайба | | | Podkładka; Washer; Шайба | | |
|--------------------------|------------|----------|--------------------------|------------|----------|
| Ø4,5x10 | 1.1951.001 | Steel | Ø5,0x11 | 1.1951.013 | Steel |
| | 3.1951.001 | Titanium | | 3.1951.013 | Titanium |
| Ø4,5x11 | 1.1951.006 | Steel | Ø5,0x13 | 1.1951.014 | Steel |
| | 3.1951.006 | Titanium | | 3.1951.014 | Titanium |
| Ø4,5x15 | 1.1952.012 | Steel | Ø5,0x13 | 1.1951.002 | Steel |
| | 3.1952.012 | Titanium | | 3.1951.002 | Titanium |

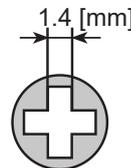
Ø 4.5



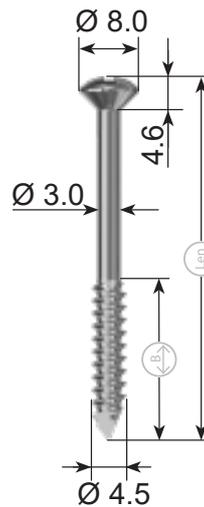
samogwintujący - trokar
 self-tapping - trocar
 самонарезающий - троакар



| Len | B | St | Ti |
|-----|----|------------|------------|
| 20 | 10 | 1.1445.020 | 3.1445.020 |
| 25 | 12 | 1.1445.025 | 3.1445.025 |
| 30 | 15 | 1.1445.030 | 3.1445.030 |
| 35 | 17 | 1.1445.035 | 3.1445.035 |
| 40 | 20 | 1.1445.040 | 3.1445.040 |
| 45 | 22 | 1.1445.045 | 3.1445.045 |
| 50 | 25 | 1.1445.050 | 3.1445.050 |
| 55 | 27 | 1.1445.055 | 3.1445.055 |
| 60 | 29 | 1.1445.060 | 3.1445.060 |
| 65 | 31 | 1.1445.065 | 3.1445.065 |
| 70 | 33 | 1.1445.070 | 3.1445.070 |



samogwintujący - trokar
 self-tapping - trocar
 самонарезающий - троакар



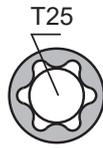
| Len | B | St | Ti |
|-----|----|------------|------------|
| 20 | 10 | 1.1446.020 | 3.1446.020 |
| 25 | 12 | 1.1446.025 | 3.1446.025 |
| 30 | 15 | 1.1446.030 | 3.1446.030 |
| 35 | 17 | 1.1446.035 | 3.1446.035 |
| 40 | 20 | 1.1446.040 | 3.1446.040 |
| 45 | 22 | 1.1446.045 | 3.1446.045 |
| 48 | 24 | 1.1446.048 | 1.1446.048 |
| 50 | 25 | 1.1446.050 | 3.1446.050 |
| 55 | 27 | 1.1446.055 | 3.1446.055 |
| 60 | 29 | 1.1446.060 | 3.1446.060 |
| 65 | 31 | 1.1446.065 | 3.1446.065 |
| 70 | 33 | 1.1446.070 | 3.1446.070 |
| 75 | 35 | 1.1446.075 | 3.1446.075 |
| 80 | 37 | 1.1446.080 | 3.1446.080 |



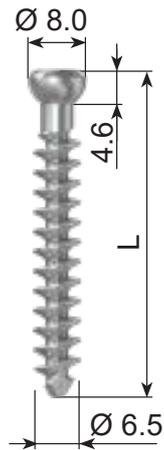
| | | |
|--|---------|--------|
| Ø rdzenia core стержень | | 3,0 |
| Ø wiertła do gwintu drill bit for thread hole сверло для резьбы | 40.2053 | 3,2 |
| gwintownik tap метчик | 40.2550 | HA 4,5 |
| wkrętak sześciokątny hexagonal screwdriver отвертка под шестигранник | 40.0320 | 3,5 |
| wkrętak sześciokątny z chwytakiem hexagonal screwdriver with holder отвертка шестигранная с держателем | 40.0333 | 3,5x8 |
| wkrętak krzyżakowy cross screwdriver отвертка под крест | 40.0319 | 1,2 |
| wkrętak krzyżakowy z chwytakiem cross screwdriver with holder отвертка под крест с держателем | 40.0329 | 1,2x8 |

| Podkładka; Washer; Шайба | | | Podkładka; Washer; Шайба | | |
|--------------------------|------------|----------|--------------------------|------------|----------|
| Ø5,5x20 | 1.1952.004 | Steel | Ø4,5x11 | 1.1951.006 | Steel |
| | 3.1952.004 | Titanium | | 3.1951.006 | Titanium |
| Ø5,5x15 | 1.1952.005 | Steel | Ø5,0x11 | 1.1951.013 | Steel |
| | 3.1952.005 | Titanium | | 3.1951.013 | Titanium |
| Ø5,5x10 | 1.1952.006 | Steel | | 1.1951.014 | Steel |
| | 3.1952.006 | Titanium | | 3.1951.014 | Titanium |
| Ø4,5x10 | 1.1951.001 | Steel | Ø5,0x13 | 1.1951.002 | Steel |
| | 3.1951.001 | Titanium | | 3.1951.002 | Titanium |
| | | | Ø4,5x15 | 1.1952.012 | Steel |
| | | | | 3.1952.012 | Titanium |

Ø 6.5



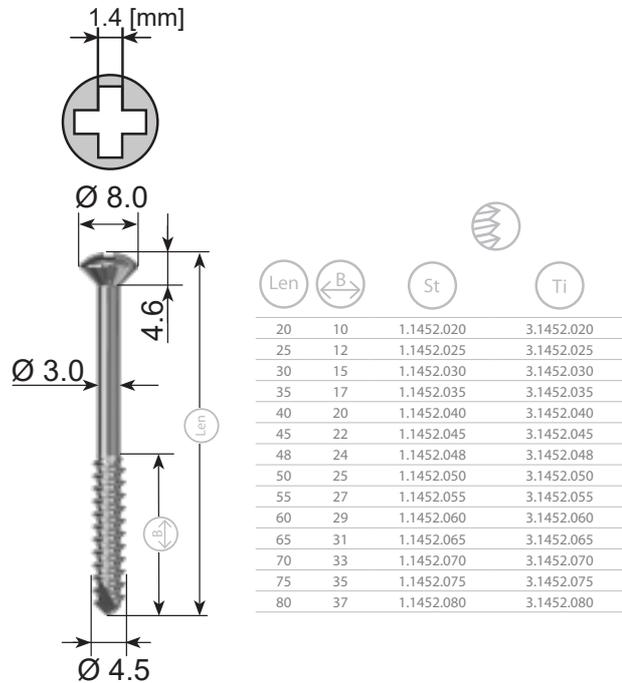
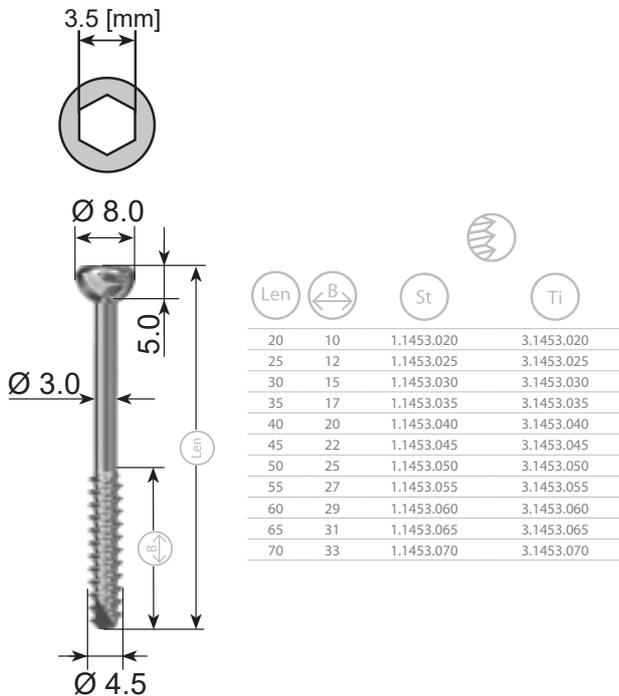
samogwintujący
 self - tapping
 самонарезающий



| Len | St | Ti |
|-----|------------|------------|
| 25 | 1.1621.025 | 3.1621.025 |
| 30 | 1.1621.030 | 3.1621.030 |
| 35 | 1.1621.035 | 3.1621.035 |
| 40 | 1.1621.040 | 3.1621.040 |
| 45 | 1.1621.045 | 3.1621.045 |
| 50 | 1.1621.050 | 3.1621.050 |
| 55 | 1.1621.055 | 3.1621.055 |
| 60 | 1.1621.060 | 3.1621.060 |
| 65 | 1.1621.065 | 3.1621.065 |
| 70 | 1.1621.070 | 3.1621.070 |
| 75 | 1.1621.075 | 3.1621.075 |
| 80 | 1.1621.080 | 3.1621.080 |
| 85 | 1.1621.085 | 3.1621.085 |
| 90 | 1.1621.090 | 3.1621.090 |
| 95 | 1.1621.095 | 3.1621.095 |
| 100 | 1.1621.100 | 3.1621.100 |
| 105 | 1.1621.105 | 3.1621.105 |
| 110 | 1.1621.110 | 3.1621.110 |
| 115 | 1.1621.115 | 3.1621.115 |
| 120 | 1.1621.120 | 3.1621.120 |
| 125 | 1.1621.125 | 3.1621.125 |

| | | |
|---|---------|--------|
| rdzenia Ø core стержень | | 3,0 |
| wiertła do gwintu Ø drill bit for thread hole сверло для резьбы | 40.2053 | 3,2 |
| gwintownik tap метчик | 40.2554 | HB 6,5 |
| Wkrętak sześciokarbony Star screwdriver Отвертка | 40.0671 | T25 |

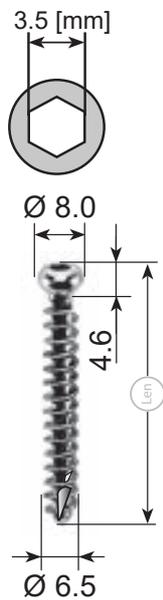
Ø 4.5



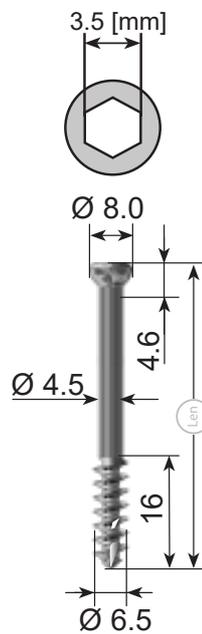
| | | |
|--|---------|--------|
| Ø rdzenia core стержень | | 3,0 |
| Ø wiertła do gwintu drill bit for thread hole сверло для резьбы | 40.2053 | 3,2 |
| gwintownik tap метчик | 40.2550 | HA 4,5 |
| wkręтак sześciokątny hexagonal screwdriver отвертка под шестигранник | 40.0320 | 3,5 |
| wkręтак sześciokątny z chwytakiem hexagonal screwdriver with holder отвертка шестигранная с держателем | 40.0333 | 3,5x8 |
| wkręтак krzyżakowy cross screwdriver отвертка под крест | 40.0319 | 1,2 |
| wkręтак krzyżakowy z chwytakiem cross screwdriver with holder отвертка под крест с держателем | 40.0329 | 1,2x8 |

| Podkładka; Washer; Шайба | | | Podkładka; Washer; Шайба | | |
|--------------------------|------------|----------|--------------------------|------------|----------|
| Ø5,5x20 | 1.1952.004 | Steel | Ø4,5x11 | 1.1951.006 | Steel |
| | 3.1952.004 | Titanium | | 3.1951.006 | Titanium |
| Ø5,5x15 | 1.1952.005 | Steel | Ø5,0x11 | 1.1951.013 | Steel |
| | 3.1952.005 | Titanium | | 3.1951.013 | Titanium |
| Ø5,5x10 | 1.1952.006 | Steel | | 1.1951.014 | Steel |
| | 3.1952.006 | Titanium | | 3.1951.014 | Titanium |
| Ø4,5x10 | 1.1951.001 | Steel | Ø5,0x13 | 1.1951.002 | Steel |
| | 3.1951.001 | Titanium | | 3.1951.002 | Titanium |
| | | | Ø4,5x15 | 1.1952.012 | Steel |
| | | | | 3.1952.012 | Titanium |

Ø 6.5



| Len | St | Ti |
|-----|------------|------------|
| 25 | 1.1611.025 | 3.1611.025 |
| 30 | 1.1611.030 | 3.1611.030 |
| 35 | 1.1611.035 | 3.1611.035 |
| 40 | 1.1611.040 | 3.1611.040 |
| 45 | 1.1611.045 | 3.1611.045 |
| 50 | 1.1611.050 | 3.1611.050 |
| 55 | 1.1611.055 | 3.1611.055 |
| 60 | 1.1611.060 | 3.1611.060 |
| 65 | 1.1611.065 | 3.1611.065 |
| 70 | 1.1611.070 | 3.1611.070 |
| 75 | 1.1611.075 | 3.1611.075 |
| 80 | 1.1611.080 | 3.1611.080 |
| 85 | 1.1611.085 | 3.1611.085 |
| 90 | 1.1611.090 | 3.1611.090 |
| 95 | 1.1611.095 | 3.1611.095 |
| 100 | 1.1611.100 | 3.1611.100 |
| 105 | 1.1611.105 | 3.1611.105 |
| 110 | 1.1611.110 | 3.1611.110 |
| 115 | 1.1611.115 | 3.1611.115 |
| 120 | 1.1611.120 | 3.1611.120 |



| Len | St | Ti |
|-----|------------|------------|
| 25 | 1.1603.025 | 3.1603.025 |
| 30 | 1.1603.030 | 3.1603.030 |
| 35 | 1.1603.035 | 3.1603.035 |
| 40 | 1.1603.040 | 3.1603.040 |
| 45 | 1.1603.045 | 3.1603.045 |
| 50 | 1.1603.050 | 3.1603.050 |
| 55 | 1.1603.055 | 3.1603.055 |
| 60 | 1.1603.060 | 3.1603.060 |
| 65 | 1.1603.065 | 3.1603.065 |
| 70 | 1.1603.070 | 3.1603.070 |
| 75 | 1.1603.075 | 3.1603.075 |
| 80 | 1.1603.080 | 3.1603.080 |
| 85 | 1.1603.085 | 3.1603.085 |
| 90 | 1.1603.090 | 3.1603.090 |
| 95 | 1.1603.095 | 3.1603.095 |
| 100 | 1.1603.100 | 3.1603.100 |
| 105 | 1.1603.105 | 3.1603.105 |
| 110 | 1.1603.110 | 3.1603.110 |
| 115 | 1.1603.115 | 3.1603.115 |
| 120 | 1.1603.120 | 3.1603.120 |

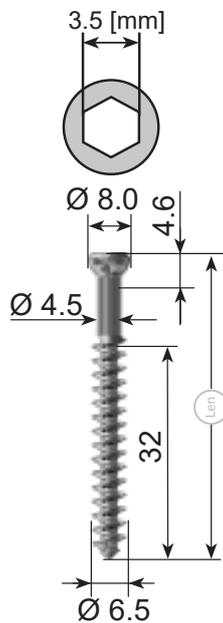
| | | |
|--|---------|--------|
| Ø rdzenia core стержень | | 3,0 |
| Ø wiertła do gwintu drill bit for thread hole сверло для резьбы | 40.2053 | 3,2 |
| gwintownik tap метчик | 40.2554 | HB 6,5 |
| wkręтак sześciokątny hexagonal screwdriver отвертка под шестигранник | 40.0320 | 3,5 |
| wkręтак sześciokątny z chwytakiem hexagonal screwdriver with holder отвертка шестигранная с держателем | 40.0333 | 3,5x8 |

Podkładka; Washer; Шайба

| | | |
|---------|------------|----------|
| Ø7,0x20 | 1.1951.005 | Steel |
| | 3.1951.005 | Titanium |
| Ø6,5x13 | 1.1951.007 | Steel |
| | 3.1951.007 | Titanium |
| Ø7,2x15 | 1.1952.020 | Steel |
| | 3.1952.020 | Titanium |
| Ø7,0x16 | 1.1951.003 | Steel |
| | 3.1951.003 | Titanium |
| Ø7,2x20 | 1.1952.021 | Steel |
| | 3.1952.021 | Titanium |



Ø 6.5



| Len | St | Ti |
|-----|------------|------------|
| 35 | 1.1607.035 | 3.1607.035 |
| 40 | 1.1607.040 | 3.1607.040 |
| 45 | 1.1607.045 | 3.1607.045 |
| 50 | 1.1607.050 | 3.1607.050 |
| 55 | 1.1607.055 | 3.1607.055 |
| 60 | 1.1607.060 | 3.1607.060 |
| 65 | 1.1607.065 | 3.1607.065 |
| 70 | 1.1607.070 | 3.1607.070 |
| 75 | 1.1607.075 | 3.1607.075 |
| 80 | 1.1607.080 | 3.1607.080 |
| 85 | 1.1607.085 | 3.1607.085 |
| 90 | 1.1607.090 | 3.1607.090 |
| 95 | 1.1607.095 | 3.1607.095 |
| 100 | 1.1607.100 | 3.1607.100 |
| 105 | 1.1607.105 | 3.1607.105 |
| 110 | 1.1607.110 | 3.1607.110 |
| 115 | 1.1607.115 | 3.1607.115 |
| 120 | 1.1607.120 | 3.1607.120 |

| | | |
|--|---------|--------|
| Ø rdzenia core стержень | | 3,0 |
| Ø wiertła do gwintu drill bit for thread hole сверло для резьбы | 40.2053 | 3,2 |
| gwintownik tap метчик | 40.2554 | HB 6,5 |
| wkręтак sześciokątny hexagonal screwdriver отвертка под шестигранник | 40.0320 | 3,5 |
| wkręтак sześciokątny z chwytakiem hexagonal screwdriver with holder отвертка шестигранная с держателем | 40.0333 | 3,5×8 |

| Podkładka; Washer; Шайба | | |
|--------------------------|------------|----------|
| Ø7,0×20 | 1.1951.005 | Steel |
| | 3.1951.005 | Titanium |
| Ø6,5×13 | 1.1951.007 | Steel |
| | 3.1951.007 | Titanium |
| Ø7,2×15 | 1.1952.020 | Steel |
| | 3.1952.020 | Titanium |
| Ø7,0×16 | 1.1951.003 | Steel |
| | 3.1951.003 | Titanium |
| Ø7,2×20 | 1.1952.021 | Steel |
| | 3.1952.021 | Titanium |



СНМ[®]

STATYW DO WKREŃÓW
STAND FOR SCREWS
ПОДСТАВКА ДЛЯ ВИНТОВ



| | |
|----------------------|------------------|
| Statyw do wkrętów | Ø 3,5 (L=16÷120) |
| Stand for screws | Ø 4,5 (L=12÷120) |
| Подставка для винтов | Ø 6,5 (L=25÷120) |

40.3584.000

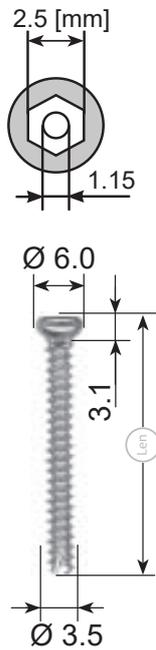
| | |
|-----------|---------|
| Kaseta | Wkładka |
| Container | Insert |
| Кассета | Вставка |

40.4774.000 **40.3584.100**

Miarka umieszczona na statywie umożliwia pomiar długości oraz średnicy wkrętów.
Measure in stand case to measuring length and diameter of screws.
Мерка в подставке позволяет измерить длину и диаметр винтов.

WKRETY KANIULOWANE KOROWE CANNULATED CORTICAL SCREWS КАНЮЛИРОВАННЫЕ КОРТИКАЛЬНЫЕ ВИНТЫ

Ø 3.5



| Len | St | Ti |
|-----|------------|------------|
| 10 | 1.1293.010 | 3.1293.010 |
| 12 | 1.1293.012 | 3.1293.012 |
| 14 | 1.1293.014 | 3.1293.014 |
| 16 | 1.1293.016 | 3.1293.016 |
| 18 | 1.1293.018 | 3.1293.018 |
| 20 | 1.1293.020 | 3.1293.020 |
| 22 | 1.1293.022 | 3.1293.022 |
| 24 | 1.1293.024 | 3.1293.024 |
| 26 | 1.1293.026 | 3.1293.026 |
| 28 | 1.1293.028 | 3.1293.028 |
| 30 | 1.1293.030 | 3.1293.030 |
| 32 | 1.1293.032 | 3.1293.032 |
| 34 | 1.1293.034 | 3.1293.034 |
| 36 | 1.1293.036 | 3.1293.036 |
| 38 | 1.1293.038 | 3.1293.038 |
| 40 | 1.1293.040 | 3.1293.040 |
| 42 | 1.1293.042 | 3.1293.042 |
| 44 | 1.1293.044 | 3.1293.044 |
| 46 | 1.1293.046 | 3.1293.046 |
| 48 | 1.1293.048 | 3.1293.048 |
| 50 | 1.1293.050 | 3.1293.050 |
| 52 | 1.1293.052 | 3.1293.052 |
| 54 | 1.1293.054 | 3.1293.054 |
| 56 | 1.1293.056 | 3.1293.056 |
| 58 | 1.1293.058 | 3.1293.058 |
| 60 | 1.1293.060 | 3.1293.060 |
| 65 | 1.1293.065 | 3.1293.065 |
| 70 | 1.1293.070 | 3.1293.070 |
| 75 | 1.1293.075 | 3.1293.075 |
| 80 | 1.1293.080 | 3.1293.080 |
| 85 | 1.1293.085 | 3.1293.085 |
| 90 | 1.1293.090 | 3.1293.090 |

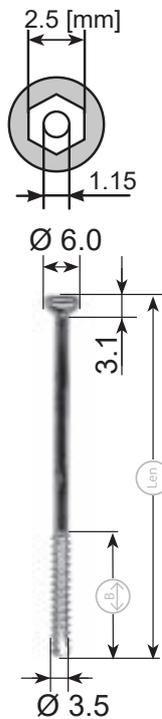
| | | |
|---|-------------|---------|
| Ø rdzenia core sterzeń | | 2,4 |
| Ø wiertło kaniulowane cannulated drill канюлированное сверло | 40.2038.150 | 2,5/1,2 |
| Ø drut prowadzący guide wire направляющая спица | 40.1871 | 1,1 |
| wkręтак sześciokątny kaniulowany cannulated hexagonal screwdriver отвертка под шестигранник канюлированная | 40.0652 | 2,5 |
| wkręтак sześć. kaniul. z chwyt. can. hex. screwdriver w. hold. отв. под шести. канюл. с держ. | 40.0653 | 2,5×6,0 |



| Podkładka; Washer; Шайба | | |
|--------------------------|------------|----------|
| Ø3,7x10 | 1.1952.003 | Steel |
| | 3.1952.003 | Titanium |

WKRETY KANIULOWANE GĄBCZASTE CANNULATED CANCELLOUS SCREWS КАНЮЛИРОВАННЫЕ СПОНГИОЗНЫЕ ВИНТЫ

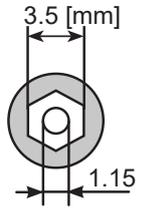
Ø 3.5



| Len | B | St | Ti |
|-----|----|------------|------------|
| 10 | 4 | 1.1295.010 | 3.1295.010 |
| 12 | 4 | 1.1295.012 | 3.1295.012 |
| 14 | 5 | 1.1295.014 | 3.1295.014 |
| 16 | 5 | 1.1295.016 | 3.1295.016 |
| 18 | 6 | 1.1295.018 | 3.1295.018 |
| 20 | 7 | 1.1295.020 | 3.1295.020 |
| 22 | 7 | 1.1295.022 | 3.1295.022 |
| 24 | 8 | 1.1295.024 | 3.1295.024 |
| 26 | 8 | 1.1295.026 | 3.1295.026 |
| 28 | 9 | 1.1295.028 | 3.1295.028 |
| 30 | 10 | 1.1295.030 | 3.1295.030 |
| 32 | 11 | 1.1295.032 | 3.1295.032 |
| 34 | 11 | 1.1295.034 | 3.1295.034 |
| 36 | 12 | 1.1295.036 | 3.1295.036 |
| 38 | 12 | 1.1295.038 | 3.1295.038 |
| 40 | 13 | 1.1295.040 | 3.1295.040 |
| 42 | 14 | 1.1295.042 | 3.1295.042 |
| 44 | 14 | 1.1295.044 | 3.1295.044 |
| 46 | 15 | 1.1295.046 | 3.1295.046 |
| 48 | 15 | 1.1295.048 | 3.1295.048 |
| 50 | 16 | 1.1295.050 | 3.1295.050 |
| 52 | 16 | 1.1295.052 | 3.1295.052 |
| 54 | 17 | 1.1295.054 | 3.1295.054 |
| 56 | 18 | 1.1295.056 | 3.1295.056 |
| 58 | 19 | 1.1295.058 | 3.1295.058 |
| 60 | 20 | 1.1295.060 | 3.1295.060 |
| 65 | 22 | 1.1295.065 | 3.1295.065 |
| 70 | 24 | 1.1295.070 | 3.1295.070 |
| 75 | 26 | 1.1295.075 | 3.1295.075 |
| 80 | 28 | 1.1295.080 | 3.1295.080 |
| 85 | 30 | 1.1295.085 | 3.1295.085 |
| 90 | 32 | 1.1295.090 | 3.1295.090 |

| | | |
|---|-------------|---------|
| Ø rdzenia core sterzeń | | 2,4 |
| Ø wiertło kaniulowane cannulated drill канюлированное сверло | 40.2038.150 | 2,5/1,2 |
| Ø drut prowadzący guide wire направляющая спица | 40.1871 | 1,1 |
| wkręтак sześciokątny kaniulowany cannulated hexagonal screwdriver отвертка под шестигранник канюлированная | 40.0652 | 2,5 |
| wkręтак sześć. kaniul. z chwyt. can. hex. screwdriver w. hold. отв. под шести. канюл. с держ. | 40.0653 | 2,5×6,0 |

Ø 4.5



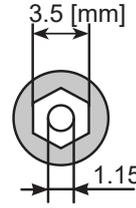
samogwintujące
self-tapping
самонарезающие

- samowierzące
- self-drilling
- самосверлящие



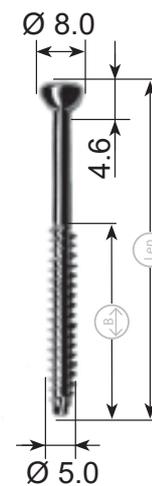
| Len | B | St | Ti |
|-----|-----|------------|------------|
| 10 | 3.5 | 1.1447.010 | 3.1447.010 |
| 12 | 5 | 1.1447.012 | 3.1447.012 |
| 14 | 5 | 1.1447.014 | 3.1447.014 |
| 16 | 6 | 1.1447.016 | 3.1447.016 |
| 18 | 8 | 1.1447.018 | 3.1447.018 |
| 20 | 12 | 1.1447.020 | 3.1447.020 |
| 22 | 12 | 1.1447.022 | 3.1447.022 |
| 24 | 12 | 1.1447.024 | 3.1447.024 |
| 25 | 12 | 1.1447.025 | 3.1447.025 |
| 26 | 12 | 1.1447.026 | 3.1447.026 |
| 28 | 12 | 1.1447.028 | 3.1447.028 |
| 30 | 12 | 1.1447.030 | 3.1447.030 |
| 35 | 12 | 1.1447.035 | 3.1447.035 |
| 40 | 12 | 1.1447.040 | 3.1447.040 |
| 45 | 12 | 1.1447.045 | 3.1447.045 |
| 50 | 16 | 1.1447.050 | 3.1447.050 |
| 55 | 16 | 1.1447.055 | 3.1447.055 |
| 60 | 16 | 1.1447.060 | 3.1447.060 |
| 65 | 16 | 1.1447.065 | 3.1447.065 |
| 70 | 16 | 1.1447.070 | 3.1447.070 |

Ø 5.0



samogwintujące
self-tapping
самонарезающие

- samowierzące
- self-drilling
- самосверлящие



| Len | B | St | Ti |
|-----|----|------------|------------|
| 25 | | 1.1541.025 | 3.1541.025 |
| 30 | | 1.1541.030 | 3.1541.030 |
| 35 | | 1.1541.035 | 3.1541.035 |
| 40 | | 1.1541.040 | 3.1541.040 |
| 45 | 16 | 1.1541.045 | 3.1541.045 |
| 50 | | 1.1541.050 | 3.1541.050 |
| 55 | | 1.1541.055 | 3.1541.055 |
| 60 | | 1.1541.060 | 3.1541.060 |
| 65 | | 1.1541.065 | 3.1541.065 |
| 70 | | 1.1541.070 | 3.1541.070 |
| 40 | | 1.1542.040 | 3.1542.040 |
| 45 | | 1.1542.045 | 3.1542.045 |
| 50 | 32 | 1.1542.050 | 3.1542.050 |
| 55 | | 1.1542.055 | 3.1542.055 |
| 60 | | 1.1542.060 | 3.1542.060 |
| 65 | | 1.1542.065 | 3.1542.065 |
| 70 | | 1.1542.070 | 3.1542.070 |

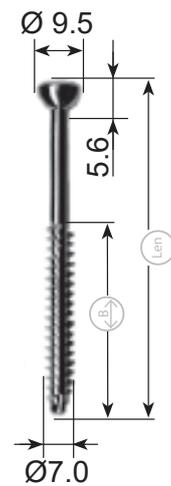
| | | |
|---|-------------|---------|
| Ø rdzenia core стержень | | 3,0 |
| Ø wiertło kaniulowane cannulated drill канюлированное сверло | 40.2040.150 | 3,2/1,2 |
| Ø drut prowadzący guide wire направляющая спица | 40.1871 | 1,1 |
| wkręтак sześciokątny kaniulowany cannulated hexagonal screwdriver отвертка под шестигранник канюлированная | 40.1879 | 3,5 |
| gwintownik kaniulowany tap cannulated метчик канюлированный | 40.4698 | 4,5 |



| Podkładka; Washer; Шайба | | |
|--------------------------|------------|----------|
| Ø4,5x10 | 1.1951.001 | Steel |
| | 3.1951.001 | Titanium |
| Ø4,5x15 | 1.1952.012 | Steel |
| | 3.1952.012 | Titanium |

| Podkładka; Washer; Шайба | | |
|--------------------------|------------|----------|
| Ø5,0x11 | 1.1951.013 | Steel |
| | 3.1951.013 | Titanium |
| | 1.1951.014 | Steel |
| | 3.1951.014 | Titanium |
| Ø5,0x13 | 1.1951.002 | Steel |
| | 3.1951.002 | Titanium |
| Ø5,5x15 | 1.1952.005 | Steel |
| | 3.1952.005 | Titanium |

Ø 7.0



samogwintujące
self-tapping
самонарезающие

- samowierzące
- self-drilling
- самосверлящие



| Len | St | Ti |
|-----|---------------|------------|
| 40 | 1.1661.040 | 3.1661.040 |
| 45 | 1.1661.045 | 3.1661.045 |
| 50 | 1.1661.050 | 3.1661.050 |
| 55 | 1.1661.055 | 3.1661.055 |
| 60 | 1.1661.060 | 3.1661.060 |
| 65 | 1.1661.065 | 3.1661.065 |
| 70 | 1.1661.070 | 3.1661.070 |
| 75 | 1.1661.075 | 3.1661.075 |
| 80 | 1.1661.080 | 3.1661.080 |
| 85 | 16 1.1661.085 | 3.1661.085 |
| 90 | 1.1661.090 | 3.1661.090 |
| 95 | 1.1661.095 | 3.1661.095 |
| 100 | 1.1661.100 | 3.1661.100 |
| 105 | 1.1661.105 | 3.1661.105 |
| 110 | 1.1661.110 | 3.1661.110 |
| 115 | 1.1661.115 | 3.1661.115 |
| 120 | 1.1661.120 | 3.1661.120 |
| 125 | 1.1661.125 | 3.1661.125 |
| 130 | 1.1661.130 | 3.1661.130 |
| 40 | 1.1662.040 | 3.1662.040 |
| 45 | 1.1662.045 | 3.1662.045 |
| 50 | 1.1662.050 | 3.1662.050 |
| 55 | 1.1662.055 | 3.1662.055 |
| 60 | 1.1662.060 | 3.1662.060 |
| 65 | 1.1662.065 | 3.1662.065 |
| 70 | 1.1662.070 | 3.1662.070 |
| 75 | 1.1662.075 | 3.1662.075 |
| 80 | 1.1662.080 | 3.1662.080 |
| 85 | 32 1.1662.085 | 3.1662.085 |
| 90 | 1.1662.090 | 3.1662.090 |
| 95 | 1.1662.095 | 3.1662.095 |
| 100 | 1.1662.100 | 3.1662.100 |
| 105 | 1.1662.105 | 3.1662.105 |
| 110 | 1.1662.110 | 3.1662.110 |
| 115 | 1.1662.115 | 3.1662.115 |
| 120 | 1.1662.120 | 3.1662.120 |
| 125 | 1.1662.125 | 3.1662.125 |
| 130 | 1.1662.130 | 3.1662.130 |



| | | |
|--|---------|---------|
| Ø rdzenia core стержень | | 4,8 |
| Ø wiertło kaniulowane cannulated drill канюлированное сверло | 40.2043 | 5,0/2,2 |
| Ø drut prowadzący guide wire направляющая спица | 40.1872 | 2,0 |
| wkrętak sześciokątny hexagonal screwdriver отвертка под шестигранник | 40.1878 | 5,0 |
| gwintownik kaniulowany tap cannulated метчик канюлированный | 40.4697 | 7,0 |

| Podkładka; Washer; Шайба | | |
|--------------------------|------------|----------|
| Ø7,0x20 | 1.1951.005 | Steel |
| | 3.1951.005 | Titanium |
| Ø7,2x15 | 1.1952.020 | Steel |
| | 3.1952.020 | Titanium |
| Ø7,0x16 | 1.1951.003 | Steel |
| | 3.1951.003 | Titanium |
| Ø7,2x20 | 1.1952.021 | Steel |
| | 3.1952.021 | Titanium |



INSTRUMENTARIUM DO WKRĘTÓW KANIULOWANYCH 3,5; 4,5 INSTRUMENTS FOR CANNULATED SCREWS 3.5; 4.5 ИНСТРУМЕНТЫ ДЛЯ КАНЮЛИРОВАННЫХ ВИНТОВ 3,5; 4,5

Statyw do wkrętów kaniulowanych 2,7 - 4,5
Stand for cannulated screws 2.7 - 4.5
Подставка для канюлированных винтов 2,7 - 4,5
40.3586.000

Kaseta
Container
Кассета
40.4774.000

Wkładka
Insert
Вставка
40.3586.100



Statyw do wkrętów kaniulowanych 5,0 - 8,0
Stand for cannulated screws 5.0 - 8.0
Подставка для канюлированных винтов 5,0 - 8,0
40.4673.000

Kaseta
Container
Кассета
40.4774.000

Wkładka
Insert
Вставка
40.4673.100

| 40.4930.000 | Nazwa Name Название | Szt. Pcs. Шт. | Nr katalogowy Catalogue No. № по кат. |
|-------------|--|---------------------|---|
| | Wiertło kaniulowane 2,5/1,2/180 Cannulated drill 2.5/1.2/180 Сверло канюлированное 2,5/1,2/180 | 2 | 40.2038.181 |
| | Wiertło kaniulowane 3,5/1,2/180 Cannulated drill 3.5/1.2/180 Сверло канюлированное 3,5/1,2/180 | 2 | 40.2037.181 |
| | Gwintownik kaniulowany 3,5/1,2 Cannulated tap 3.5/1.2 Канюлированный метчик 3,5/1,2 | 1 | 40.4916.035 |
| | Grot kaniulowany S2,5/1,2 Cannulated screwdriver tip S2.5/1.2 Наконечник канюлированный S2,5/1,2 | 1 | 40.4915.000 |
| | Grot kaniulowany S2,5/1,2 Cannulated screwdriver tip S2.5/1.2 Наконечник канюлированный S2,5/1,2 | 1 | 40.4914.000 |
| | Tuleja prowadząca 6,0/2,5; 3,5 Guide sleeve 6.0/2.5; 3.5 Втулка направляющая 6,0/2,5; 3,5 | 1 | 40.4922.000 |
| | Tuleja prowadząca 2,5/1,2 Guide sleeve 2.5/1.2 Втулка направляющая 2,5/1,2 | 1 | 40.4923.000 |
| | Trokar 2,5 Trocar 2.5 Троакар 2,5 | 1 | 40.4924.000 |
| | Wiertło kaniulowane 3,2/1,2/180 Cannulated drill 3.2/1.2/180 Сверло канюлированное 3,2/1,2/180 | 2 | 40.2040.181 |
| | Wiertło kaniulowane 4,5/1,2/180 Cannulated drill 4.5/1.2/180 Сверло канюлированное 4,5/1,2/180 | 2 | 40.2041.181 |
| | Gwintownik kaniulowany 4,5/1,2 Cannulated tap 4.5/1.2 Канюлированный метчик 4,5/1,2 | 1 | 40.4916.045 |

| | | | |
|---|--|---|-------------|
|  | Grot kaniulowany S3,5/1,2 Cannulated screwdriver tip S3.5/1.2 Наконечник канюлированный S3,5/1,2 | 1 | 40.4929.000 |
|  | Grot kaniulowany S3,5/1,2 Cannulated screwdriver tip S3.5/1.2 Наконечник канюлированный S3,5/1,2 | 1 | 40.4928.000 |
|  | Tuleja prowadząca 6,0/3,2; 4,5 Guide sleeve 6.0/3.2; 4.5 Втулка направляющая 6,0/3,2; 4,5 | 1 | 40.4925.000 |
|  | Tuleja a prowadząca 3,2/1,2 Guide sleeve 3.2/1.2 Втулка направляющая 3,2/1,2 | 1 | 40.4926.000 |
|  | Trokar 3,2 Trocar 3.2 Троакар 3,2 | 1 | 40.4927.000 |
|  | Drut Kirschnera 1,0/180 Kirschner wire 1.0/180 Спица Киршнера 1,0/180 | 8 | 40.4960.180 |
|  | Frez kaniulowany 6/1,2 Cannulated cutter 6/1.2 Фреза канюлированная 6/1,2 | 1 | 40.4913.060 |
|  | Prowadnica równoległa 2x1,2 Parallel guide 2x1.2 Параллельный направитель 2x1,2 | 1 | 40.4918.000 |
|  | Chwytnak wkrętów 3,5 Screws holder 3.5 Захват для винтов 3,5 | 1 | 40.6026.000 |
|  | Tuleja ochronna 6,0 Protective guide 6.0 Втулка защитная 6,0 | 1 | 40.4921.000 |
|  | Wzorzec długości Length measure Измеритель длины | 1 | 40.4917.000 |
|  | Rękojeść z szybkozłączem 3/16 Quick coupling handle 3/16 Рукятка с быстроразъемным соединением 3/16 | 1 | 40.5636.000 |
|  | Statyw na instrum. do wkrętów kaniulowan. 3,5; 4,5 Stand for instrum. set for cannul. screws 3.5; 4.5 Подставка для инструм. для канюл. винтов 3,5; 4,5 | 1 | 40.4931.000 |
| | Kontener z litym dnem 1/1 595x275x86mm Container with solid bottom 1/1 595x275x86mm Контейнер со сплошным дном 1/1 595x275x86мм | 1 | 12.0750.100 |
| | Pokrywa aluminiowa perfor. 1/1 595x275x15mm Szara Perforated aluminum lid 1/1 595x275x15mm gray Перфор.алюмин.покрышка 1/1 595x275x15мм Серая | 1 | 12.0750.200 |

| 40.4940.000 | Nazwa Name Название | Szt. Pcs. Шт. | Nr katalogowy Catalogue No. № по кат. |
|---|---|---------------------|---|
|  | Drut Kirschnera 1,0/180 Kirschner wire 1.0/180 Спица Киршнера 1,0/180 | 8 | 40.4960.180 |
|  | Wiertło kaniulowane 3,2/1,2/180 Cannulated drill 3.2/1.2/180 Сверло канюлированное 3,2/1,2/180 | 2 | 40.2040.181 |
|  | Wiertło kaniulowane 5,0/1,2/180 Cannulated drill 5.0/1.2/180 Сверло канюлированное 5,0/1,2/180 | 2 | 40.1899.181 |
|  | Gwintownik kaniulowany 5,0/1,2 Cannulated tap 5.0/1.2 Канюлированный метчик 5,0/1,2 | 1 | 40.4916.050 |
|  | Frez kaniulowany 8/1,2 Cannulated cutter 8/1.2 Фреза канюлированная 8/1,2 | 1 | 40.4913.080 |
|  | Grot kaniulowany S3,5/1,2 Cannulated screwdriver tip S3.5/1.2 Наконечник под шестигранник канюлирован. S3,5/1,2 | 1 | 40.4929.000 |
|  | Grot kaniulowany S3,5/1,2 Cannulated screwdriver tip S3.5/1.2 Наконечник под шестигранник канюлирован. S3,5/1,2 | 1 | 40.4959.000 |
|  | Chwytnak wkrętów 5,0 Screws holder 5.0 Захват для винтов 5,0 | 1 | 40.4942.000 |
|  | Prowadnica równoległa 2x1,2 Parallel guide 2x1.2 Параллельный направитель 2x1,2 | 1 | 40.4918.000 |
|  | Tuleja ochronna 8,0 Protective sleeve 8.0 Защитная втулка 8,0 | 1 | 40.4943.000 |
|  | Tuleja prowadząca 8,0/3,2;5,0 Guide sleeve 8.0/3.2;5.0 Втулка направляющая 8,0/3,2;5,0 | 1 | 40.4944.000 |
|  | Tuleja prowadząca 3,2/1,2 Guide sleeve 3.2/1.2 Втулка направляющая 3,2/1,2 | 1 | 40.4945.000 |
|  | Trokar 3,2 Trocar 3.2 Троакар 3,2 | 1 | 40.4946.000 |
|  | Wzorzec długości Length measure Измеритель длины | 1 | 40.4917.000 |

Wkręty kaniulowane 5,0

| | | | |
|---|--|---|-------------|
|  | Drut Kirschnera 2,0/300 Kirschner wire 2.0/300 Спица Киршнера 2,0/300 | 8 | 40.4961.300 |
|  | Wiertło kaniulowane 5,0/2,2/300 Cannulated drill 5.0/2.2/300 Сверло канюлированное 5,0/2,2/300 | 2 | 40.2043.300 |
|  | Wiertło kaniulowane 7,0/2,2/300 Cannulated drill 7.0/2.2/300 Сверло канюлированное 7,0/2,2/300 | 2 | 40.1898.300 |
|  | Gwintownik kaniulowany 7,0/2,2 Cannulated tap 7.0/2.2 Канюлированный метчик 7,0/2,2 | 1 | 40.4916.070 |
|  | Frez kaniulowany 9,5/2,2 Cannulated cutter 9.5/2.2 Фреза канюлированная 9,5/2,2 | 1 | 40.4947.095 |
|  | Grot kaniulowany S5/2,2 Cannulated screwdriver tip S5/2,2 Наконечник под шестигранник канюлирован.S5/2,2 | 1 | 40.4948.000 |
|  | Grot kaniulowany S5/2,2 Cannulated screwdriver tip S5/2,2 Наконечник под шестигранник канюлирован.S5/2,2 | 1 | 40.4949.000 |
|  | Chwytek wkrętów 7,0 Screws holder 7.0 Захват для винтов 7,0 | 1 | 40.4950.000 |
|  | Prowadnica równoległa 2x2,2 Parallel guide 2x2.2 Параллельный направитель 2x2,2 | 1 | 40.4952.000 |
|  | Tuleja prowadząca 9,5/5,0 Guide sleeve 9.5/5.0 Втулка направляющая 9,5/5,0 | 1 | 40.4955.000 |
|  | Tuleja prowadząca 9,5/7,0 Guide sleeve 9.5/7.0 Втулка направляющая 9,5/7,0 | 1 | 40.4954.000 |
|  | Tuleja ochronna 9,5 Protective guide 9.5 Защитная втулка 9,5 | 1 | 40.4953.000 |
|  | Tuleja prowadząca 5,0/2,2 Guide sleeve 5.0/2.2 Втулка направляющая 5,0/2,2 | 1 | 40.4956.000 |

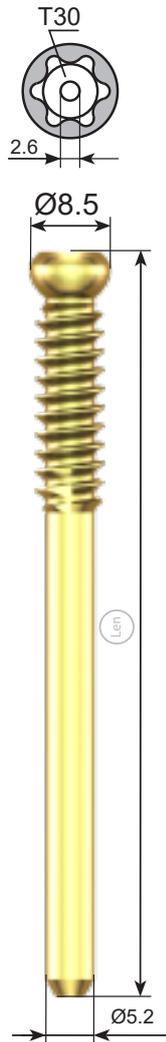


INSTRUMENTARIUM DO WKRĘTÓW KANIULOWANYCH 5,0; 7,0
 INSTRUMENTS FOR CANNULATED SCREWS 5.0; 7.0
 ИНСТРУМЕНТЫ ДЛЯ КАНЮЛИРОВАННЫХ ВИНТОВ 5,0; 7,0

| | |
|--|---|
|  | <p>Trokar 5,0 Trocar 5.0 Троакап 5,0</p> <p>1 40.4957.000</p> |
|  | <p>Wzorzec długości Length measure Измеритель длины</p> <p>1 40.4951.000</p> |
|  | <p>Prowadnica wielootworowa Polyholes guide Направитель многоотверстный</p> <p>1 40.4958.000</p> |
|  | <p>Rękojeść z szybkozłączem 3/16 Quick coupling handle 3/16 Рукоятка с быстроразъемным соединением 3/16</p> <p>1 40.5636.000</p> |
|  | <p>Statyw na instrum. do wkrętów kaniulowan. 5,0; 7,0 Stand for instrum. set for cannul. screws 5.0; 7.0 Подставка для инструм. для канюл. винтов 5,0; 7,0</p> <p>1 40.4941.000</p> |
| | <p>Kontener z litym dnem 1/1 595x275x86mm Container with solid bottom 1/1 595x275x86mm</p> <p>12.0750.100</p> <p>Konteyner so сплошным дном 1/1 595x275x86мм</p> |
| | <p>Pokrywa aluminiowa perfor.1/1 595x275x15mm Szara Perforated aluminum lid 1/1 595x275x15mm gray Перфор.алюмин.покрышка 1/1 595x275x15мм Серая</p> <p>1 12.0750.200</p> |



WKRĘT KANIULOWANY 7,3
CANNULATED SCREW 7,3
ВИНТ КАНИЮЛИРОВАННЫЙ 7,3



| Len | Ti |
|-----|------------|
| 80 | 3.1671.080 |
| 85 | 3.1671.085 |
| 90 | 3.1671.090 |
| 95 | 3.1671.095 |
| 100 | 3.1671.100 |
| 105 | 3.1671.105 |
| 110 | 3.1671.110 |



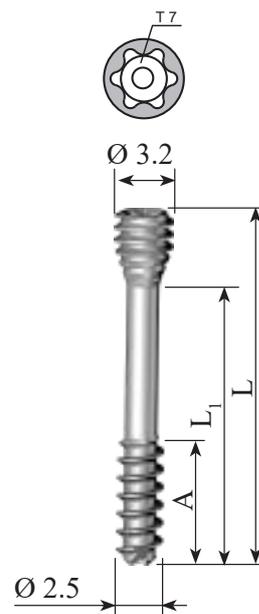
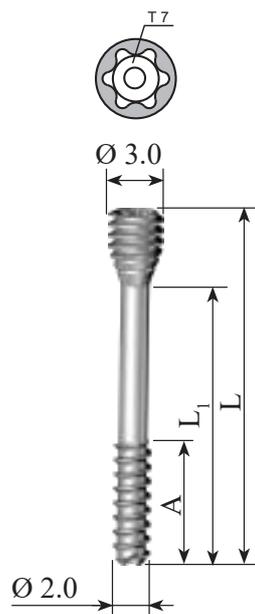
| 15.0102.101 | Nazwa Name Название | Szt. Pcs Шт. | Nr katalogowy Catalogue No. № по кат. |
|---|--|--------------------|---|
|  | Drut prowadzący 2,2x300 Guide rod 2.2x300 Спица-направитель 2,2x300 | 1 | 40.4964.300 |
|  | Wiertło kaniulowane 5,2/2,6/220 Cannulated drill 5.2/2.6/220 Сверло канюлированное 5,2/2,6/220 | 1 | 40.4965.220 |
|  | Grot kaniulowany T30-3/16 Cannulated screwdriver tip T30-3/16 Наконечник канюлированный T30-3/16 | 1 | 40.4966.000 |
|  | Tuleja ochronna Protective guide Втулка защитная | 1 | 40.4967.000 |
|  | Trokar Trocar Троакар | 1 | 40.4968.000 |
|  | Tuleja prowadząca 2,2 Guide sleeve 2.2 Втулка направляющая 2,2 | 1 | 40.4969.000 |
|  | Wzorzec długości Length measure Измеритель длины | 1 | 40.4970.000 |
|  | Rękojeść ze sprzęgłem Handle ratchet device Ручьятка со сцеплением | 1 | 40.6654.000 |
|  | Kontener 3.1671 4x4H Container 3.1671 4x4H Контейнер 3.1671 4x4H | 1 | 14.0102.101 |
|  | Pokrywa kontenera 3.1671 4x4H Container cover 3.1671 4x4H Покрышка для контейнера 3.1671 4x4H | 1 | 14.0102.102 |

Ø2.0/Ø3.0

Ø2.5/Ø3.2

| Len | L1 [mm] | A | St | Ti |
|-----|---------|---|------------|------------|
| 10 | 6 | 4 | 1.1967.010 | 3.1967.010 |
| 12 | 8 | 5 | 1.1967.012 | 3.1967.012 |
| 14 | 10 | 5 | 1.1967.014 | 3.1967.014 |
| 16 | 12 | 6 | 1.1967.016 | 3.1967.016 |
| 18 | 14 | 6 | 1.1967.018 | 3.1967.018 |
| 20 | 16 | 7 | 1.1967.020 | 3.1967.020 |
| 22 | 18 | 7 | 1.1967.022 | 3.1967.022 |
| 24 | 20 | 7 | 1.1967.024 | 3.1967.024 |
| 26 | 22 | 8 | 1.1967.026 | 3.1967.026 |
| 28 | 24 | 8 | 1.1967.028 | 3.1967.028 |
| 30 | 26 | 8 | 1.1967.030 | 3.1967.030 |

| Len | L1 [mm] | A | St | Ti |
|-----|---------|---|------------|------------|
| 10 | 6 | 4 | 1.1968.010 | 3.1968.010 |
| 12 | 8 | 5 | 1.1968.012 | 3.1968.012 |
| 14 | 10 | 5 | 1.1968.014 | 3.1968.014 |
| 16 | 12 | 6 | 1.1968.016 | 3.1968.016 |
| 18 | 14 | 6 | 1.1968.018 | 3.1968.018 |
| 20 | 16 | 7 | 1.1968.020 | 3.1968.020 |
| 22 | 18 | 7 | 1.1968.022 | 3.1968.022 |
| 24 | 20 | 7 | 1.1968.024 | 3.1968.024 |
| 26 | 22 | 8 | 1.1968.026 | 3.1968.026 |
| 28 | 24 | 8 | 1.1968.028 | 3.1968.028 |
| 30 | 26 | 8 | 1.1968.030 | 3.1968.030 |





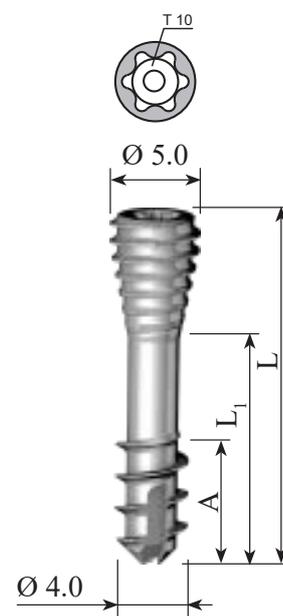
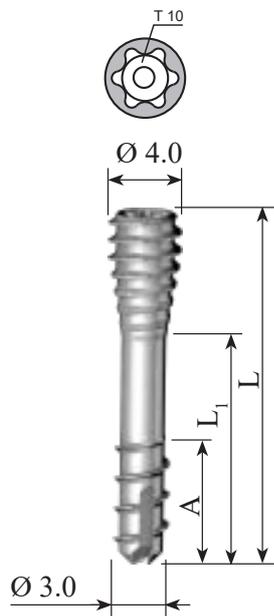
Ø3.0/Ø4.0

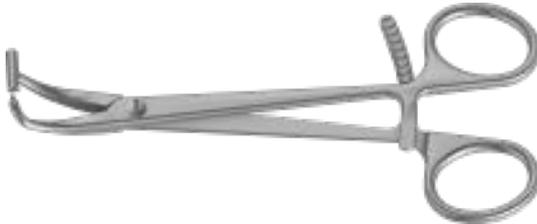
ŚRUBA KOMPRESYJNA KANIULOWANA
CANNULATED COMPRESSION SCREW
ВИНТ КОМПРЕССИОННЫЙ КАНЮЛИРОВАННЫЙ

Ø4.0/Ø5.0

| Len | L1 [mm] | A | St | Ti |
|-----|---------|---|------------|------------|
| 12 | 5 | 3 | 1.1969.012 | 3.1969.012 |
| 14 | 7 | 4 | 1.1969.014 | 3.1969.014 |
| 16 | 9 | 5 | 1.1969.016 | 3.1969.016 |
| 18 | 11 | 6 | 1.1969.018 | 3.1969.018 |
| 20 | 13 | 7 | 1.1969.020 | 3.1969.020 |
| 22 | 15 | 7 | 1.1969.022 | 3.1969.022 |
| 24 | 17 | 7 | 1.1969.024 | 3.1969.024 |
| 26 | 19 | 8 | 1.1969.026 | 3.1969.026 |
| 28 | 21 | 8 | 1.1969.028 | 3.1969.028 |
| 30 | 23 | 8 | 1.1969.030 | 3.1969.030 |
| 32 | 25 | 8 | 1.1969.032 | 3.1969.032 |
| 34 | 27 | 8 | 1.1969.034 | 3.1969.034 |
| 36 | 29 | 8 | 1.1969.036 | 3.1969.036 |
| 38 | 31 | 9 | 1.1969.038 | 3.1969.038 |

| Len | L1 [mm] | A | St | Ti |
|-----|---------|----|------------|------------|
| 20 | 13 | 9 | 1.1970.020 | 3.1970.020 |
| 22 | 15 | 9 | 1.1970.022 | 3.1970.022 |
| 24 | 17 | 10 | 1.1970.024 | 3.1970.024 |
| 26 | 19 | 10 | 1.1970.026 | 3.1970.026 |
| 28 | 21 | 11 | 1.1970.028 | 3.1970.028 |
| 30 | 23 | 11 | 1.1970.030 | 3.1970.030 |
| 32 | 25 | 12 | 1.1970.032 | 3.1970.032 |
| 34 | 27 | 12 | 1.1970.034 | 3.1970.034 |
| 36 | 29 | 13 | 1.1970.036 | 3.1970.036 |
| 38 | 31 | 13 | 1.1970.038 | 3.1970.038 |
| 40 | 33 | 14 | 1.1970.040 | 3.1970.040 |
| 42 | 35 | 14 | 1.1970.042 | 3.1970.042 |
| 44 | 37 | 15 | 1.1970.044 | 3.1970.044 |
| 46 | 39 | 15 | 1.1970.046 | 3.1970.046 |
| 48 | 41 | 16 | 1.1970.048 | 3.1970.048 |
| 50 | 43 | 16 | 1.1970.050 | 3.1970.050 |

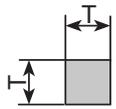


| 40.8120.000 | | Nazwa Name Название | Nr katalogowy Catalogue no. № по каталогу | Szt. Pcs Шт. |
|-------------|---|---|---|--------------------|
| |  | Rękojeść ze sprzęgłem Handle ratchet device Рукоятка | 40.0859.001 | 1 |
| |  | Szczypce kompresyjne Compression forceps Клещи | 40.5772.101 | 1 |
| |  | Prowadnica drutu Wire guide Направитель | 40.1341.001 | 1 |
| |  | Wiertło kaniulowane 1,6x150 Cannulated drill 1.6x150 Сверло 1,6x150 | 40.2038.016 | 2 |
| |  | Wiertło kaniulowane 2,6x150 Cannulated drill 2.6x150 Сверло 2,6x150 | 40.2038.026 | 2 |
| |  | Wzorzec głębokości Depth measure Измеритель | 40.0596.002 | 1 |
| |  | Pinceta Forceps Захват | 40.4494.003 | 1 |
| |  | Grot T10 Screwdriver tip T10 Наконечник T10 | 40.5258.001 | 1 |
| |  | Grot T7 Screwdriver tip T7 Наконечник T7 | 40.5258.002 | 1 |
| |  | Tuleja Guide Втулка | 40.0207.001 | 2 |
| |  | Drut prowadzący 0,8x150 Guide rod 0.8/150 Спица 0,8/150 | 40.1349.001 | 4 |
| |  | Drut prowadzący 1,0x150 Guide rod 1.0/150 Спица 1,0/150 | 40.1349.002 | 4 |
| |  | Paleta na narzędzia i implanty Palette for instruments and implants Подставка | 40.5186.201 | 1 |



| | | |
|--|-------------|---|
| Kontener z litym dnem 1/2 306x272x85mm Container with solid bottom 1/2 306x272x85mm Контейнер со сплошным дном 1/2 306x272x85mm | 12.0751.100 | 1 |
|--|-------------|---|

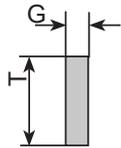
| | | |
|--|-------------|---|
| Pokrywa aluminiowa perfor. 1/2 306x272x15mm Szara Perforated alu- minium cover 1/2 306x272x15mm Gray Перфорированная алюминиевая покрышка 1/2 306x272x15mm Серая | 12.0751.200 | 1 |
|--|-------------|---|



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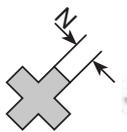
| T [mm] | Nr katalogowy Catalogue no. Каталожный Но. |
|--------|--|
| 1,2 | 40.0623 |
| 1,6 | 40.0626 |



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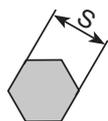
| G×T [mm] | |
|----------|---------|
| 0,4×3 | 40.0310 |
| 0,5×4 | 40.0311 |
| 0,6×5 | 40.0312 |
| 0,8×6 | 40.0313 |
| 1,0×8 | 40.0314 |



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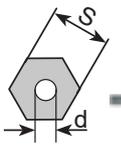
| N [mm] | |
|--------|---------|
| 0,4 | 40.0315 |
| 0,5 | 40.0316 |
| 0,7 | 40.0317 |
| 0,8 | 40.0318 |
| 1,2 | 40.0319 |



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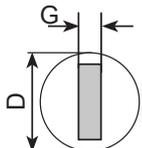
| S [mm] | |
|--------|---------|
| 1,5 | 40.0409 |
| 2,5 | 40.0321 |
| 3,5 | 40.0320 |



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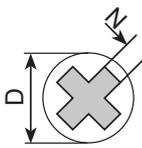
| S×d [mm] | |
|----------|---------|
| 2,5×1,1 | 40.0652 |
| 3,5×1,1 | 40.0654 |
| 5,0×2,1 | 40.4817 |



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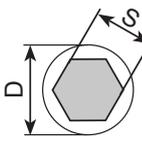
| G×D [mm] | |
|----------|---------|
| 0,5×5 | 40.0322 |
| 0,8×6 | 40.0324 |
| 1,0×8 | 40.0325 |



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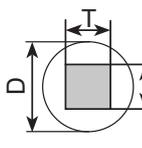
| N×D [mm] | |
|----------|---------|
| 0,5×5 | 40.0326 |
| 0,8×6 | 40.0328 |
| 1,2×8 | 40.0329 |



1/2



| S×D [mm] | |
|----------|---------|
| 1,5×3 | 40.0309 |
| 1,5×4 | 40.0424 |
| 2,5×5 | 40.0330 |
| 2,5×6 | 40.0332 |
| 3,5×8 | 40.0333 |

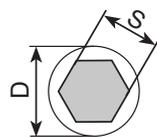
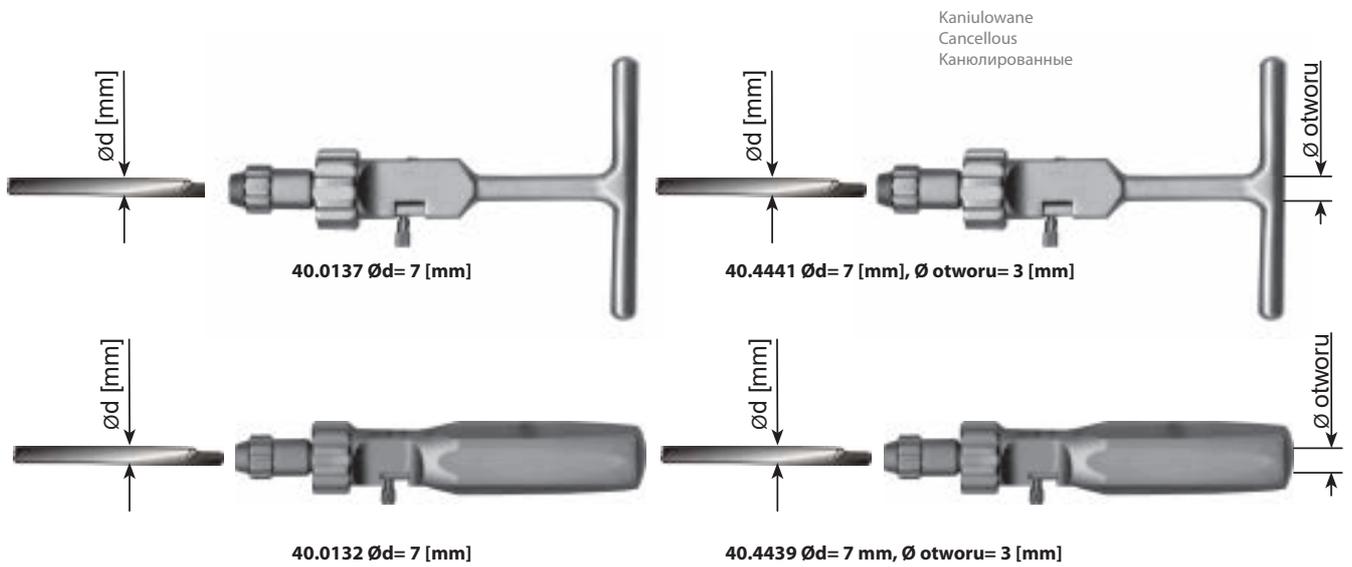


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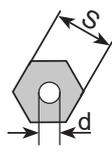


| T×D [mm] | |
|----------|---------|
| 1,2×3 | 40.0632 |
| 1,6×4 | 40.0633 |
| 1,6×4,5 | 40.0634 |

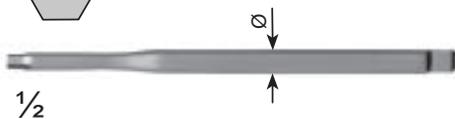
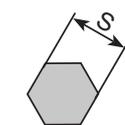
250mm - 10" D - średnica łba wkręta
- diameter of screw head
- диаметр головки винта



| SxD [mm] | \varnothing [mm] | |
|----------|--------------------|---------|
| 2,5x5 | 7 | 40.0193 |
| 2,5x6 | | 40.0191 |
| 3,5x8 | | 40.0190 |



| S [mm] | \varnothing [mm] | d [mm] | |
|--------|--------------------|--------|---------|
| 2,5 | 7 | 1,1 | 40.0447 |
| 3,5 | | 2,1 | 40.0448 |
| 5,0 | | 2,1 | 40.0449 |



| S [mm] | \varnothing [mm] | |
|--------|--------------------|---------|
| 1,5 | 7 | 40.0408 |
| 2,5 | | 40.0161 |
| 3,5 | | 40.0160 |

Frez główkowy
 Head cutter
 Фреза под головку винта

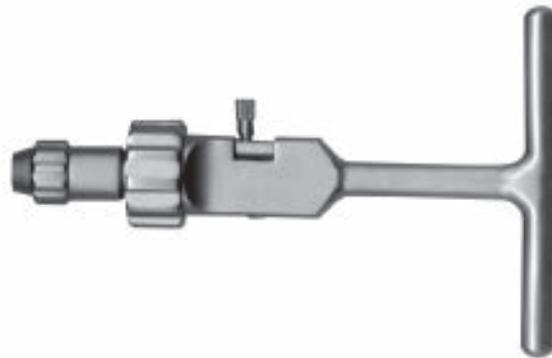


Trepan
 Trepine
 Трепан



| | Średnica wkręta [mm] Diameter of screw [mm] Диаметр винта [мм] | | | |
|---|--|-------------|-------------|---------|
| | Ø 1,5 ÷ 2,0 | Ø 2,7 ÷ 3,5 | Ø 4,0 ÷ 4,5 | Ø 6,5 |
| Frez główkowy Head cutter Фреза под головку винта | 40.1971 | 40.1762 | 40.1765 | 40.1768 |
| Trepan Trepine Трепан | 40.1972 | 40.1763 | 40.1766 | 40.1769 |

Wkrętak uniwersalny
 Universal screw-driver
 Универсальная отвертка
40.0137



Dłuto żłobowe
 Gouge
 Желобоватое долото
40.0079



Chwytnak wkrętów Ø 1,5 ÷ 2,7
 Screw holder Ø 1,5 ÷ 2,7
 Захват винтов Ø 1,5 ÷ 2,7
40.1973

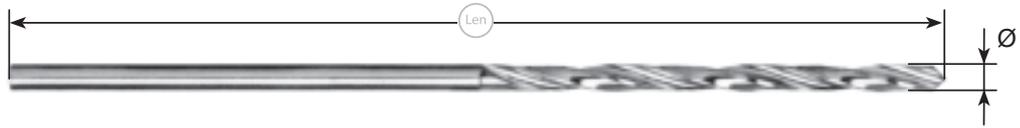


Chwytnak wkrętów Ø 3,5 ÷ 6,5
 Screw holder Ø 3,5 ÷ 6,5
 Захват винтов Ø 3,5 ÷ 6,5
40.1761



Młotek
 Hammer
 Молоток
40.0286

Statyw do instrumentarium
 Stand for instruments
 Штатив для инструментов
40.3592



| Len | Len | | | | | | |
|-----|---------|---------|---------|---------|---------|---------|---------|
| | 80 | 100 | 150 | 180 | 250 | 300 | 350 |
| 1,0 | 40.2045 | - | - | - | - | - | - |
| 1,5 | - | 40.2046 | - | - | - | - | - |
| 1,8 | - | 40.2063 | - | - | - | - | - |
| 2,0 | - | - | 40.2047 | - | - | - | - |
| 2,2 | - | - | 40.2048 | - | - | - | - |
| 2,5 | - | - | 40.2049 | - | - | 40.2135 | - |
| 2,8 | - | - | 40.2050 | 40.2044 | - | - | - |
| 3,0 | - | - | 40.2051 | - | 40.2052 | - | - |
| 3,2 | - | - | - | 40.0614 | 40.2053 | - | - |
| 3,5 | - | - | 40.1364 | 40.2137 | 40.1386 | 40.1363 | - |
| 3,7 | - | - | 40.2065 | 40.2136 | 40.2066 | - | - |
| 4,0 | - | - | - | 40.2054 | - | 40.2055 | - |
| 4,5 | - | - | 40.1388 | 40.0615 | 40.1387 | 40.2056 | 40.2138 |
| 4,7 | - | - | - | 40.2064 | - | - | - |
| 5,0 | - | - | - | 40.2057 | 40.1365 | 40.2058 | - |
| 5,5 | - | - | - | 40.2059 | - | 40.2060 | - |
| 6,0 | - | - | - | 40.2061 | 40.2069 | 40.2062 | - |
| 6,5 | - | - | - | - | - | 40.2068 | - |

Kaniulowane

Cannulated

Канюлированные



| Len | d [mm] | Len | | | |
|-----|--------|-------------|---------|-------------|---------|
| | | 150 | 180 | 200 | 300 |
| 2,5 | 1,2 | 40.2038.150 | - | - | - |
| 3,0 | 1,2 | 40.2036.150 | - | - | - |
| 3,2 | 1,2 | 40.2040.150 | - | 40.2040.200 | - |
| 3,5 | 1,2 | 40.2037.150 | - | - | - |
| 4,5 | 1,2 | 40.2041 | - | - | - |
| 5,0 | 1,2 | - | 40.1899 | - | - |
| 5,0 | 2,2 | - | 40.2043 | - | - |
| 6,0 | 2,2 | 40.4584 | - | - | - |
| 6,5 | 2,2 | - | - | - | 40.3674 |
| 7,0 | 2,5 | - | - | 40.1898 | - |
| 8,0 | 2,5 | - | - | 40.2042 | - |



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| 40.2060 | 45 | 40.4927 | 32 | | |
| 40.2061 | 45 | 40.4928 | 32 | | |
| 40.2062 | 45 | 40.4929 | 32, 33 | | |
| 40.2063 | 45 | 40.4930 | 31 | | |
| 40.2064 | 45 | 40.4931 | 32 | | |
| 40.2065 | 45 | 40.4940 | 33 | | |
| 40.2066 | 45 | 40.4941 | 35 | | |
| 40.2068 | 45 | 40.4942 | 33 | | |
| 40.2069 | 45 | 40.4943 | 33 | | |
| 40.2135 | 45 | 40.4944 | 33 | | |
| 40.2136 | 45 | 40.4945 | 33 | | |
| 40.2137 | 45 | 40.4946 | 33 | | |
| 40.2138 | 45 | 40.4947.095 | 34 | | |
| 40.2545 | 11 | 40.4948 | 34 | | |
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| 40.3584.100 | 27 | 40.4957 | 35 | | |
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| 40.3586.100 | 31 | 40.4959 | 33 | | |
| 40.3592 | 44 | 40.4960.180 | 32, 33 | | |
| 40.3674 | 45 | 40.4961.300 | 34 | | |
| 40.4439 | 43 | 40.4964.300 | 37 | | |
| 40.4441 | 43 | 40.4965.220 | 37 | | |
| 40.4494.003 | 40 | 40.4966.000 | 37 | | |
| 40.4584 | 45 | 40.4967.000 | 37 | | |
| 40.4673 | 31 | 40.4968.000 | 37 | | |
| 40.4673.000 | 31 | 40.4969.000 | 37 | | |
| 40.4673.100 | 31 | 40.4970.000 | 37 | | |

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