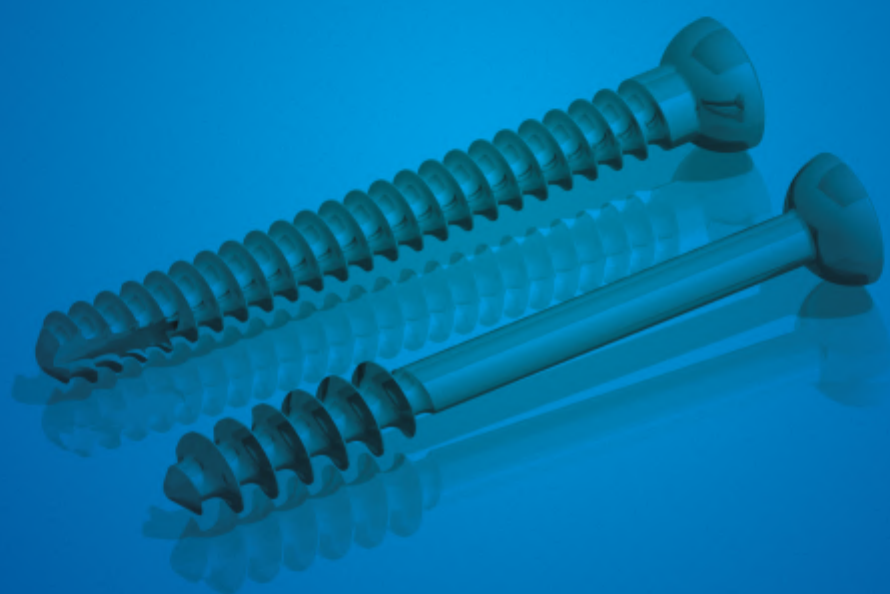
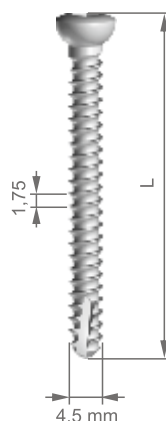
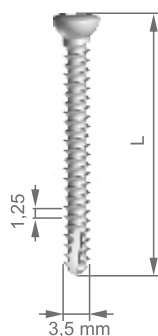
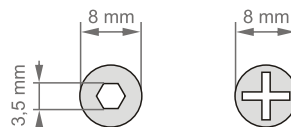
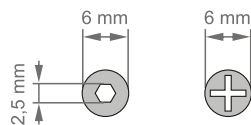


WKRĘTY KOSTNE / BONE SCREWS



**MEDGAL**

polski producent - polish manufacturer



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

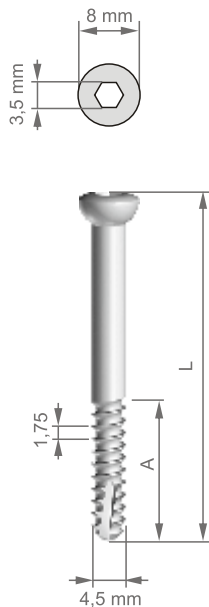


| L (mm) | ⊙           | +           |
|--------|-------------|-------------|
| 8      | X-01-01-08  | X-01-02-08  |
| 10     | X-01-01-10  | X-01-02-10  |
| 12     | X-01-01-12  | X-01-02-12  |
| 14     | X-01-01-14  | X-01-02-14  |
| 16     | X-01-01-16  | X-01-02-16  |
| 18     | X-01-01-18  | X-01-02-18  |
| 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 |

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



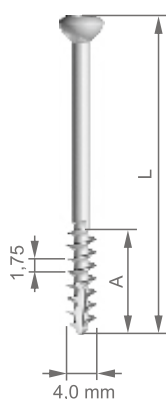
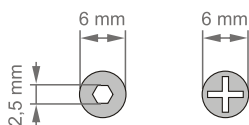
| L (mm) | ⊙          | +          | L (mm) | ⊙           | +           |
|--------|------------|------------|--------|-------------|-------------|
| 12     | X-01-04-12 | X-01-05-12 | 66     | X-01-04-66  | X-01-05-66  |
| 14     | X-01-04-14 | X-01-05-14 | 68     | X-01-04-68  | X-01-05-68  |
| 16     | 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 |        |             |             |



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



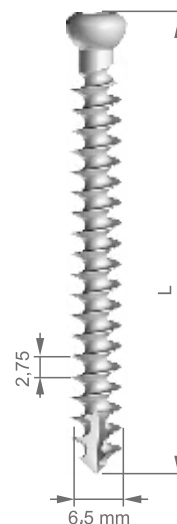
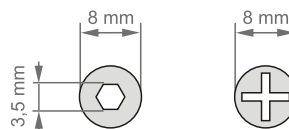
| L (mm) | A (mm) | ○          | ⊕          |
|--------|--------|------------|------------|
| 26     | 13     | X-01-03-26 | X-01-08-26 |
| 28     | 13     | X-01-03-28 | X-01-08-28 |
| 30     | 13     | X-01-03-30 | X-01-08-30 |
| 32     | 13     | X-01-03-32 | X-01-08-32 |
| 34     | 13     | X-01-03-34 | X-01-08-34 |
| 36     | 13     | X-01-03-36 | X-01-08-36 |
| 38     | 13     | X-01-03-38 | X-01-08-38 |
| 40     | 13     | X-01-03-40 | X-01-08-40 |
| 42     | 13     | X-01-03-42 | X-01-08-42 |
| 44     | 16     | X-01-03-44 | X-01-08-44 |
| 46     | 16     | X-01-03-46 | X-01-08-46 |
| 48     | 16     | X-01-03-48 | X-01-08-48 |
| 50     | 16     | X-01-03-50 | X-01-08-50 |
| 52     | 16     | X-01-03-52 | X-01-08-52 |
| 54     | 16     | X-01-03-54 | X-01-08-54 |
| 56     | 16     | X-01-03-56 | X-01-08-56 |
| 58     | 16     | X-01-03-58 | X-01-08-58 |
| 60     | 20     | X-01-03-60 | X-01-08-60 |
| 64     | 20     | X-01-03-64 | X-01-08-64 |
| 68     | 20     | X-01-03-68 | X-01-08-68 |
| 72     | 20     | X-01-03-72 | X-01-08-72 |
| 76     | 20     | X-01-03-76 | X-01-08-76 |
| 80     | 20     | X-01-03-80 | X-01-08-80 |



**WKREĆ DO KOŚCI GĄBCZASTEJ**  
**samogwintujący**  
**CANCELLOUS SCREW**  
**self-tapping**  
**ø 4,0 x 1,75 mm**



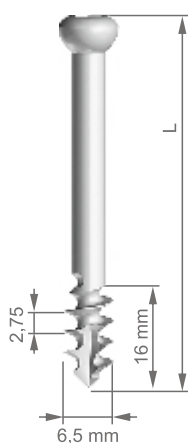
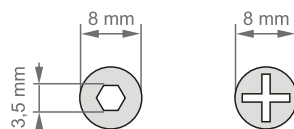
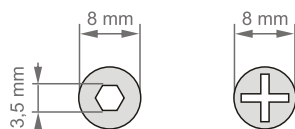
| L (mm) | A (mm) | ⊖          | ⊕          |
|--------|--------|------------|------------|
| 10     | 5      | X-01-12-10 | X-01-13-10 |
| 12     | 5      | X-01-12-12 | X-01-13-12 |
| 14     | 5      | X-01-12-14 | X-01-13-14 |
| 16     | 6      | X-01-12-16 | X-01-13-16 |
| 18     | 7      | X-01-12-18 | X-01-13-18 |
| 20     | 8      | X-01-12-20 | X-01-13-20 |
| 22     | 9      | X-01-12-22 | X-01-13-22 |
| 24     | 10     | X-01-12-24 | X-01-13-24 |
| 26     | 12     | X-01-12-26 | X-01-13-26 |
| 28     | 14     | X-01-12-28 | X-01-13-28 |
| 30     | 14     | X-01-12-30 | X-01-13-30 |
| 35     | 14     | X-01-12-35 | X-01-13-35 |
| 40     | 14     | X-01-12-40 | X-01-13-40 |
| 45     | 15     | X-01-12-45 | X-01-13-45 |
| 50     | 15     | X-01-12-50 | X-01-13-50 |
| 55     | 15     | X-01-12-55 | X-01-13-55 |
| 60     | 16     | X-01-12-60 | X-01-13-60 |
| 65     | 16     | X-01-12-65 | X-01-13-65 |
| 70     | 16     | X-01-12-70 | X-01-13-70 |



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



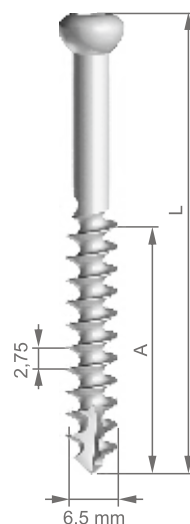
| L (mm) | ⊖           | ⊕           |
|--------|-------------|-------------|
| 25     | X-01-15-25  | X-01-16-25  |
| 30     | X-01-15-30  | X-01-16-30  |
| 35     | X-01-15-35  | X-01-16-35  |
| 40     | X-01-15-40  | X-01-16-40  |
| 45     | X-01-15-45  | X-01-16-45  |
| 50     | X-01-15-50  | X-01-16-50  |
| 55     | X-01-15-55  | X-01-16-55  |
| 60     | X-01-15-60  | X-01-16-60  |
| 65     | X-01-15-65  | X-01-16-65  |
| 70     | X-01-15-70  | X-01-16-70  |
| 75     | X-01-15-75  | X-01-16-75  |
| 80     | X-01-15-80  | X-01-16-80  |
| 85     | X-01-15-85  | X-01-16-85  |
| 90     | X-01-15-90  | X-01-16-90  |
| 95     | X-01-15-95  | X-01-16-95  |
| 100    | X-01-15-100 | X-01-16-100 |
| 105    | X-01-15-105 | X-01-16-105 |
| 110    | X-01-15-110 | X-01-16-110 |
| 115    | X-01-15-115 | X-01-16-115 |
| 120    | X-01-15-120 | X-01-16-120 |
| 125    | X-01-15-125 | X-01-16-125 |
| 130    | X-01-15-130 | X-01-16-130 |
| 135    | X-01-15-135 | X-01-16-135 |
| 140    | X-01-15-140 | X-01-16-140 |



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



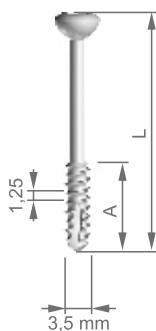
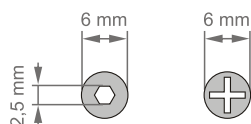
| L (mm) | ⊙           | +           |
|--------|-------------|-------------|
| 25     | X-01-18-25  | X-01-19-25  |
| 30     | X-01-18-30  | X-01-19-30  |
| 35     | X-01-18-35  | X-01-19-35  |
| 40     | X-01-18-40  | X-01-19-40  |
| 45     | X-01-18-45  | X-01-19-45  |
| 50     | X-01-18-50  | X-01-19-50  |
| 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 |



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



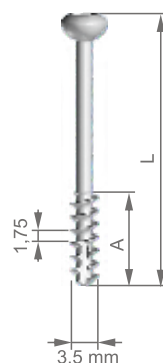
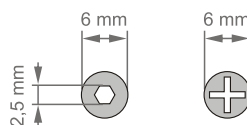
| L (mm) | A (mm) | ⊙           | +           |
|--------|--------|-------------|-------------|
| 30     | 22     | X-01-21-30  | X-01-22-30  |
| 35     | 27     | X-01-21-35  | X-01-22-35  |
| 40     | 32     | X-01-21-40  | X-01-22-40  |
| 45     | 32     | X-01-21-45  | X-01-22-45  |
| 50     | 32     | 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 |



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



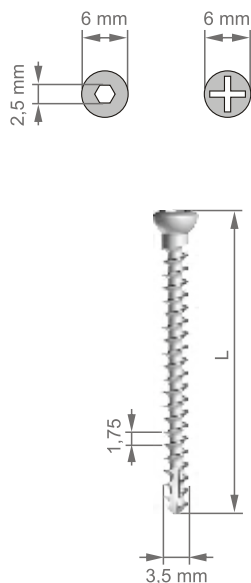
| L (mm) | A (mm) | ○          | +          |
|--------|--------|------------|------------|
| 8      | 4      | X-01-06-08 | X-01-07-08 |
| 10     | 5      | X-01-06-10 | X-01-07-10 |
| 12     | 6      | X-01-06-12 | X-01-07-12 |
| 14     | 6      | X-01-06-14 | X-01-07-14 |
| 16     | 6      | X-01-06-16 | 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 |



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



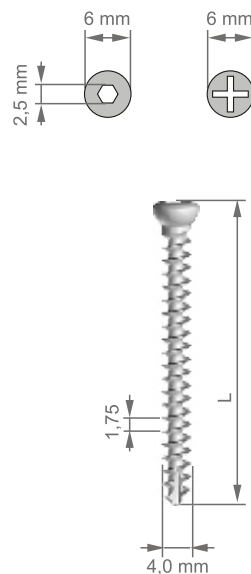
| L (mm) | A (mm) | ○          | +          |
|--------|--------|------------|------------|
| 10     | 5      | X-01-09-10 | X-01-10-10 |
| 12     | 6      | X-01-09-12 | X-01-10-12 |
| 14     | 6      | X-01-09-14 | X-01-10-14 |
| 16     | 6      | X-01-09-16 | X-01-10-16 |
| 18     | 8      | X-01-09-18 | 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 |



**WKRĘT DO KOŚCI ŁÓDKOWATEJ**  
**samogwintujący**  
**NAVICULAR SCREW**  
**self-tapping**  
**ø 3,5 x 1,75 mm**



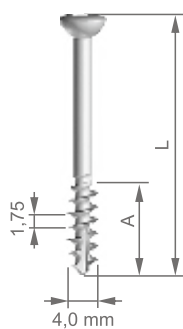
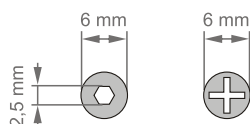
| L (mm) | ⊖           | ⊕           |
|--------|-------------|-------------|
| 10     | X-01-24-10  | X-01-25-10  |
| 12     | X-01-24-12  | X-01-25-12  |
| 14     | X-01-24-14  | X-01-25-14  |
| 16     | X-01-24-16  | X-01-25-16  |
| 18     | X-01-24-18  | X-01-25-18  |
| 20     | X-01-24-20  | X-01-25-20  |
| 22     | X-01-24-22  | X-01-25-22  |
| 24     | X-01-24-24  | X-01-25-24  |
| 26     | X-01-24-26  | X-01-25-26  |
| 28     | X-01-24-28  | X-01-25-28  |
| 30     | X-01-24-30  | X-01-25-30  |
| 32     | X-01-24-32  | X-01-25-32  |
| 34     | X-01-24-34  | X-01-25-34  |
| 35     | X-01-24-35  | X-01-25-35  |
| 36     | X-01-24-36  | X-01-25-36  |
| 38     | X-01-24-38  | X-01-25-38  |
| 40     | X-01-24-40  | X-01-25-40  |
| 42     | X-01-24-42  | X-01-25-42  |
| 44     | X-01-24-44  | X-01-25-44  |
| 45     | X-01-24-45  | X-01-25-45  |
| 46     | X-01-24-46  | X-01-25-46  |
| 48     | X-01-24-48  | X-01-25-48  |
| 50     | X-01-24-50  | X-01-25-50  |
| 55     | X-01-24-55  | X-01-25-55  |
| 60     | X-01-24-60  | X-01-25-60  |
| 65     | X-01-24-65  | X-01-25-65  |
| 70     | X-01-24-70  | X-01-25-70  |
| 75     | X-01-24-75  | X-01-25-75  |
| 80     | X-01-24-80  | X-01-25-80  |
| 85     | X-01-24-85  | X-01-25-85  |
| 90     | X-01-24-90  | X-01-25-90  |
| 95     | X-01-24-95  | X-01-25-95  |
| 100    | X-01-24-100 | X-01-25-100 |



**WKRĘT DO KOŚCI ŁÓDKOWATEJ**  
**samogwintujący**  
**NAVICULAR SCREW**  
**self-tapping**  
**ø 4,0 x 1,75 mm**



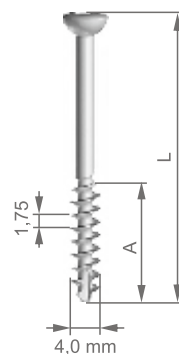
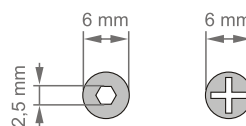
| L (mm) | ⊖          | ⊕          |
|--------|------------|------------|
| 8      | X-01-27-8  | X-01-28-08 |
| 10     | X-01-27-10 | X-01-28-10 |
| 12     | X-01-27-12 | X-01-28-12 |
| 14     | X-01-27-14 | X-01-28-14 |
| 16     | X-01-27-16 | X-01-28-16 |
| 18     | X-01-27-18 | X-01-28-18 |
| 20     | X-01-27-20 | X-01-28-20 |
| 22     | X-01-27-22 | X-01-28-22 |
| 24     | X-01-27-24 | X-01-28-24 |
| 26     | X-01-27-26 | X-01-28-26 |
| 28     | X-01-27-28 | X-01-28-28 |
| 30     | X-01-27-30 | X-01-28-30 |
| 32     | X-01-27-32 | X-01-28-32 |
| 34     | X-01-27-34 | X-01-28-34 |
| 35     | X-01-27-35 | X-01-28-35 |
| 36     | X-01-27-36 | X-01-28-36 |
| 38     | X-01-27-38 | X-01-28-38 |
| 40     | X-01-27-40 | X-01-28-40 |
| 42     | X-01-27-42 | X-01-28-42 |
| 44     | X-01-27-44 | X-01-28-44 |
| 45     | X-01-27-45 | X-01-28-45 |
| 46     | X-01-27-46 | X-01-28-46 |
| 48     | X-01-27-48 | X-01-28-48 |
| 50     | X-01-27-50 | X-01-28-50 |
| 52     | X-01-27-52 | X-01-28-52 |
| 54     | X-01-27-54 | X-01-28-54 |
| 55     | X-01-27-55 | X-01-28-55 |
| 56     | X-01-27-56 | X-01-28-56 |
| 58     | X-01-27-58 | X-01-28-58 |
| 60     | X-01-27-60 | X-01-28-60 |
| 65     | X-01-27-65 | X-01-28-65 |
| 70     | X-01-27-70 | X-01-28-70 |



**WKRĘT DO KOŚCI ŁÓDKOWATEJ**  
**samogwintujący**  
**NAVICULAR SCREW**  
**self-tapping**  
**ø 4,0 x 1,75 mm**



| L (mm) | A (mm) | ⊙          | +          |
|--------|--------|------------|------------|
| 10     | 7      | X-01-29-10 | X-01-38-10 |
| 12     | 7      | X-01-29-12 | X-01-38-12 |
| 14     | 7      | X-01-29-14 | X-01-38-14 |
| 16     | 7      | X-01-29-16 | X-01-38-16 |
| 28     | 12     | X-01-29-28 | X-01-38-28 |
| 30     | 12     | X-01-29-30 | X-01-38-30 |
| 32     | 12     | X-01-29-32 | X-01-38-32 |
| 34     | 12     | X-01-29-34 | X-01-38-34 |
| 36     | 12     | X-01-29-36 | X-01-38-36 |
| 38     | 12     | X-01-29-38 | X-01-38-38 |
| 40     | 12     | X-01-29-40 | X-01-38-40 |
| 42     | 12     | X-01-29-42 | X-01-38-42 |
| 44     | 12     | X-01-29-44 | X-01-38-44 |
| 45     | 15     | X-01-29-45 | X-01-38-45 |
| 50     | 15     | X-01-29-50 | X-01-38-50 |
| 55     | 17     | X-01-29-55 | X-01-38-55 |
| 60     | 19     | X-01-29-60 | X-01-38-60 |
| 65     | 20     | X-01-29-65 | X-01-38-65 |
| 70     | 22     | X-01-29-70 | X-01-38-70 |

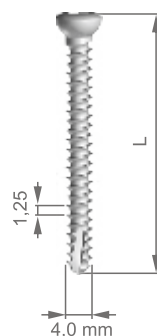
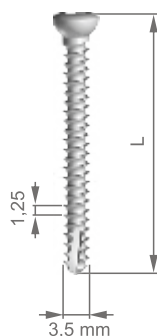
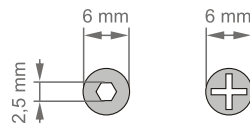
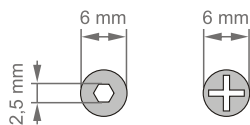


**WKRĘT DO KOŚCI ŁÓDKOWATEJ**  
**samogwintujący**  
**NAVICULAR SCREW**  
**self-tapping**  
**ø 4,0 x 1,75 mm**



| L (mm) | A (mm) | ⊙          | +          |
|--------|--------|------------|------------|
| 8      | 5      | X-01-30-08 | X-01-31-08 |
| 10     | 5      | X-01-30-10 | X-01-31-10 |
| 12     | 5      | X-01-30-12 | X-01-31-12 |
| 14     | 5      | X-01-30-14 | X-01-31-14 |
| 16     | 6      | X-01-30-16 | X-01-31-16 |
| 18     | 7      | X-01-30-18 | X-01-31-18 |
| 20     | 8      | X-01-30-20 | X-01-31-20 |
| 22     | 9      | X-01-30-22 | X-01-31-22 |
| 24     | 10     | X-01-30-24 | X-01-31-24 |
| 26     | 12     | X-01-30-26 | X-01-31-26 |
| 28     | 14     | X-01-30-28 | X-01-31-28 |
| 30     | 14     | X-01-30-30 | X-01-31-30 |
| 32     | 14     | X-01-30-32 | X-01-31-32 |
| 34     | 14     | X-01-30-34 | X-01-31-34 |
| 35     | 14     | X-01-30-35 | X-01-31-35 |
| 36     | 14     | X-01-30-36 | X-01-31-36 |
| 38     | 14     | X-01-30-38 | X-01-31-38 |
| 40     | 14     | X-01-30-40 | X-01-31-40 |
| 42     | 15     | X-01-30-42 | X-01-31-42 |
| 44     | 15     | X-01-30-44 | X-01-31-44 |
| 46     | 15     | X-01-30-46 | X-01-31-46 |
| 48     | 15     | X-01-30-48 | X-01-31-48 |
| 50     | 16     | X-01-30-50 | X-01-31-50 |
| 55     | 16     | X-01-30-55 | X-01-31-55 |
| 60     | 16     | X-01-30-60 | X-01-31-60 |
| 65     | 16     | X-01-30-65 | X-01-31-65 |
| 70     | 16     | X-01-30-70 | X-01-31-70 |





**WKREŚT SHERMANA**  
**SHERMAN'S SCREW**  
**ø 3,5 x 1,25 mm**

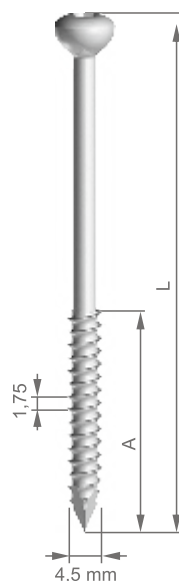
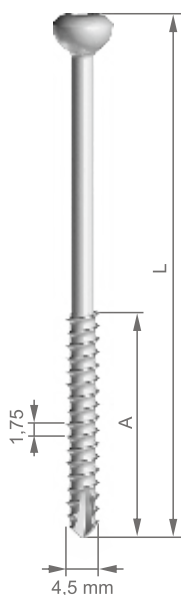
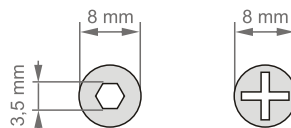
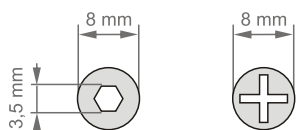
**WKREŚT SHERMANA**  
**SHERMAN'S SCREW**  
**ø 4,0 x 1,25 mm**



| L (mm) | ⊖          | +          |
|--------|------------|------------|
| 10     | X-01-36-10 | X-01-37-10 |
| 13     | X-01-36-13 | X-01-37-13 |
| 16     | X-01-36-16 | X-01-37-16 |
| 19     | X-01-36-19 | X-01-37-19 |
| 22     | X-01-36-22 | X-01-37-22 |
| 25     | X-01-36-25 | X-01-37-25 |
| 28     | X-01-36-28 | X-01-37-28 |
| 31     | X-01-36-31 | X-01-37-31 |
| 34     | X-01-36-34 | X-01-37-34 |
| 37     | X-01-36-37 | X-01-37-37 |
| 40     | X-01-36-40 | X-01-37-40 |
| 43     | X-01-36-43 | X-01-37-43 |
| 46     | X-01-36-46 | X-01-37-46 |
| 50     | X-01-36-50 | X-01-37-50 |
| 55     | X-01-36-55 | X-01-37-55 |
| 60     | X-01-36-60 | X-01-37-60 |
| 65     | X-01-36-65 | X-01-37-65 |
| 70     | X-01-36-70 | X-01-37-70 |
| 75     | X-01-36-75 | X-01-37-75 |



| L (mm) | ⊖          | +          |
|--------|------------|------------|
| 10     | X-01-39-10 | X-01-40-10 |
| 13     | X-01-39-13 | X-01-40-13 |
| 16     | X-01-39-16 | X-01-40-16 |
| 19     | X-01-39-19 | X-01-40-19 |
| 22     | X-01-39-22 | X-01-40-22 |
| 25     | X-01-39-25 | X-01-40-25 |
| 28     | X-01-39-28 | X-01-40-28 |
| 31     | X-01-39-31 | X-01-40-31 |
| 34     | X-01-39-34 | X-01-40-34 |
| 37     | X-01-39-37 | X-01-40-37 |
| 40     | X-01-39-40 | X-01-40-40 |
| 43     | X-01-39-43 | X-01-40-43 |
| 46     | X-01-39-46 | X-01-40-46 |
| 50     | X-01-39-50 | X-01-40-50 |
| 55     | X-01-39-55 | X-01-40-55 |
| 60     | X-01-39-60 | X-01-40-60 |
| 65     | X-01-39-65 | X-01-40-65 |
| 70     | X-01-39-70 | X-01-40-70 |
| 75     | X-01-39-75 | X-01-40-75 |



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

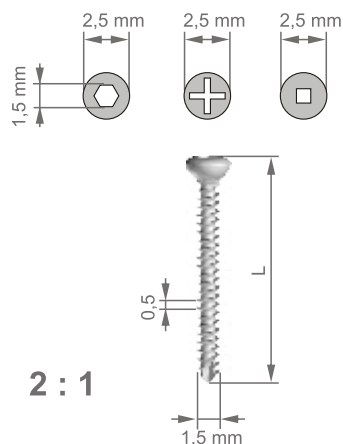


| L (mm) | A (mm) | ⊙           | ⊕           |
|--------|--------|-------------|-------------|
| 20     | 10     | X-01-32-20  | X-01-35-20  |
| 25     | 12     | X-01-32-25  | X-01-35-25  |
| 30     | 15     | X-01-32-30  | X-01-35-30  |
| 35     | 17     | X-01-32-35  | X-01-35-35  |
| 40     | 20     | 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**



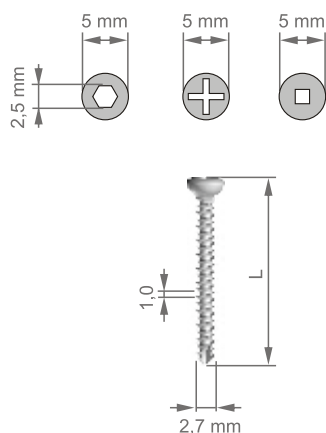
| L (mm) | A (mm) | ⊙           | ⊕           |
|--------|--------|-------------|-------------|
| 20     | 10     | X-01-33-20  | X-01-34-20  |
| 25     | 12     | X-01-33-25  | X-01-34-25  |
| 30     | 15     | X-01-33-30  | X-01-34-30  |
| 35     | 17     | X-01-33-35  | X-01-34-35  |
| 40     | 20     | 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 |


**2 : 1**

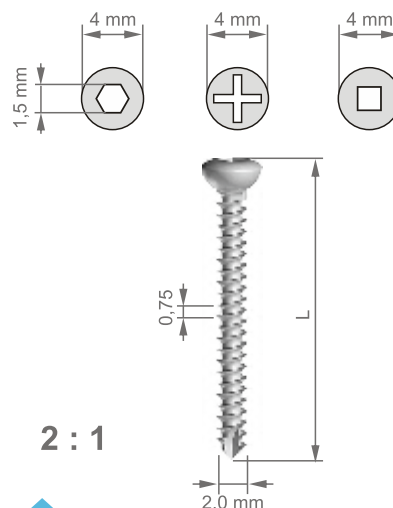
**WKRĘT DO KOŚCI DROBNYCH**  
**samogwintujący**  
**SCREW FOR SMALL BONE FRAGMENTS**  
**self-tapping**  
**ø 1,5 x 0,5 mm**



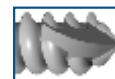
| L (mm) | ○          | +          | □          |
|--------|------------|------------|------------|
| 5      | X-01-42-05 | X-01-43-05 | X-01-44-05 |
| 6      | X-01-42-06 | X-01-43-06 | X-01-44-06 |
| 7      | X-01-42-07 | X-01-43-07 | X-01-44-07 |
| 8      | X-01-42-08 | X-01-43-08 | X-01-44-08 |
| 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 |



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


**2 : 1**

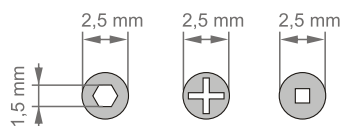
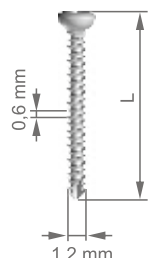
**WKRĘT DO KOŚCI DROBNYCH**  
**samogwintujący**  
**SCREW FOR SMALL BONE FRAGMENTS**  
**self-tapping**  
**ø 2,0 x 0,75 mm**



| 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 |



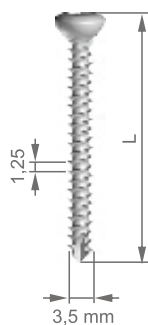
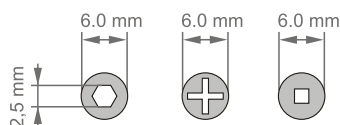
| L (mm) | ○          | +          | □          |
|--------|------------|------------|------------|
| 6      | X-01-48-06 | X-01-49-06 | X-01-50-06 |
| 8      | X-01-48-08 | X-01-49-08 | X-01-50-08 |
| 10     | X-01-48-10 | X-01-49-10 | X-01-50-10 |
| 12     | X-01-48-12 | X-01-49-12 | X-01-50-12 |
| 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 |


**2 : 1**


**WKRĘT DO KOŚCI DROBNYCH**  
**samogwintujący**  
**SCREW FOR SMALL BONE FRAGMENTS**  
**self-tapping**  
**ø 1,2 x 0,6 mm**



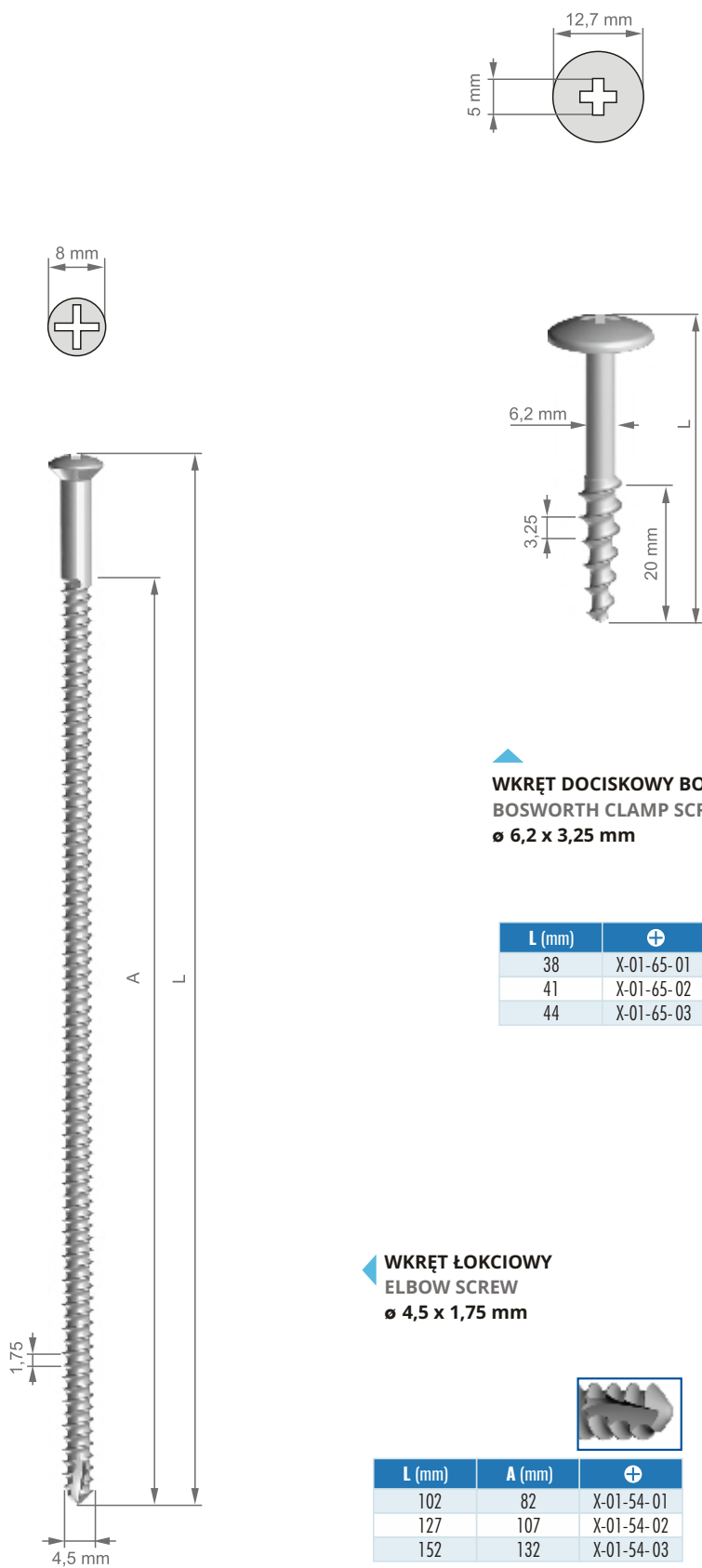
| L (mm) | ⊙          | ⊕          | ⊖          |
|--------|------------|------------|------------|
| 4      | X-01-93-04 | X-01-94-04 | X-01-95-04 |
| 5      | X-01-93-05 | X-01-94-05 | X-01-95-05 |
| 6      | X-01-93-06 | X-01-94-06 | X-01-95-06 |
| 7      | X-01-93-07 | X-01-94-07 | X-01-95-07 |
| 8      | X-01-93-08 | X-01-94-08 | X-01-95-08 |
| 9      | X-01-93-09 | X-01-94-09 | X-01-95-09 |
| 10     | X-01-93-10 | X-01-94-10 | X-01-95-10 |



**WKRĘT DO KOŚCI DROBNYCH**  
**samogwintujący**  
**SCREW FOR SMALL BONE FRAGMENTS**  
**self-tapping**  
**ø 3,5 x 1,25 mm**



| L (mm) | ⊙          | ⊕          | ⊖          | L (mm) | ⊙          | ⊕          | ⊖          |
|--------|------------|------------|------------|--------|------------|------------|------------|
| 8      | X-01-51-08 | X-01-52-08 | X-01-53-08 | 40     | X-01-51-40 | X-01-52-40 | X-01-53-40 |
| 10     | X-01-51-10 | X-01-52-10 | X-01-53-10 | 42     | X-01-51-42 | X-01-52-42 | X-01-53-42 |
| 12     | X-01-51-12 | X-01-52-12 | X-01-53-12 | 44     | X-01-51-44 | X-01-52-44 | X-01-53-44 |
| 14     | X-01-51-14 | X-01-52-14 | X-01-53-14 | 46     | X-01-51-46 | X-01-52-46 | X-01-53-46 |
| 16     | X-01-51-16 | X-01-52-16 | X-01-53-16 | 48     | X-01-51-48 | X-01-52-48 | X-01-53-48 |
| 18     | X-01-51-18 | X-01-52-18 | X-01-53-18 | 50     | X-01-51-50 | X-01-52-50 | X-01-53-50 |
| 20     | X-01-51-20 | X-01-52-20 | X-01-53-20 | 52     | X-01-51-52 | X-01-52-52 | X-01-53-52 |
| 22     | X-01-51-22 | X-01-52-22 | X-01-53-22 | 54     | X-01-51-54 | X-01-52-54 | X-01-53-54 |
| 24     | X-01-51-24 | X-01-52-24 | X-01-53-24 | 56     | X-01-51-56 | X-01-52-56 | X-01-53-56 |
| 26     | X-01-51-26 | X-01-52-26 | X-01-53-26 | 58     | X-01-51-58 | X-01-52-58 | X-01-53-58 |
| 28     | X-01-51-28 | X-01-52-28 | X-01-53-28 | 60     | X-01-51-60 | X-01-52-60 | X-01-53-60 |
| 30     | X-01-51-30 | X-01-52-30 | X-01-53-30 | 62     | X-01-51-62 | X-01-52-62 | X-01-53-62 |
| 32     | X-01-51-32 | X-01-52-32 | X-01-53-32 | 64     | X-01-51-64 | X-01-52-64 | X-01-53-64 |
| 34     | X-01-51-34 | X-01-52-34 | X-01-53-34 | 66     | X-01-51-66 | X-01-52-66 | X-01-53-66 |
| 36     | X-01-51-36 | X-01-52-36 | X-01-53-36 | 68     | X-01-51-68 | X-01-52-68 | X-01-53-68 |
| 38     | X-01-51-38 | X-01-52-38 | X-01-53-38 | 70     | X-01-51-70 | X-01-52-70 | X-01-53-70 |



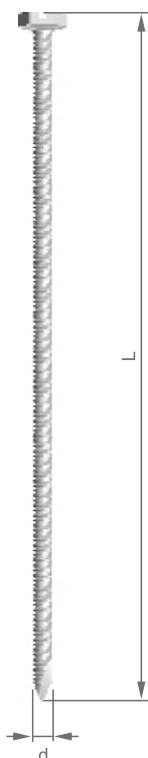
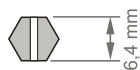
**WKREĆ DOCISKOWY BOSWORTH**  
**BOSWORTH CLAMP SCREW**  
**ø 6,2 x 3,25 mm**

| L (mm) | +          |
|--------|------------|
| 38     | X-01-65-01 |
| 41     | X-01-65-02 |
| 44     | X-01-65-03 |

**WKREĆ ŁOKCIOWY**  
**ELBOW SCREW**  
**ø 4,5 x 1,75 mm**

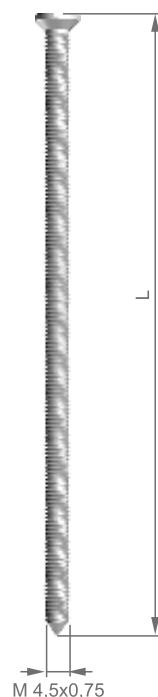
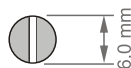


| L (mm) | A (mm) | +          |
|--------|--------|------------|
| 102    | 82     | X-01-54-01 |
| 127    | 107    | X-01-54-02 |
| 152    | 132    | X-01-54-03 |



▲  
**ŚRUBA KOLANOWA**  
**KNEE SCREW**

| L (mm) | D (mm)     |            |            |
|--------|------------|------------|------------|
|        | M 2,5x0,45 | M 3,0x0,5  | M 3,5x0,65 |
| 64     | X-01-56-01 | X-01-57-01 | X-01-58-01 |
| 76     | X-01-56-02 | X-01-57-02 | X-01-58-02 |
| 89     | X-01-56-03 | X-01-57-03 | X-01-58-03 |
| 102    | X-01-56-04 | X-01-57-04 | X-01-58-04 |
| 114    | X-01-56-05 | X-01-57-05 | X-01-58-05 |
| 127    | X-01-56-06 | X-01-57-06 | X-01-58-06 |



▲  
**ŚRUBA KOLANOWA**  
**KNEE SCREW**  
**M 4,5 x 0,75 mm**

| L (mm) | Ø          |
|--------|------------|
| 51     | X-01-60-01 |
| 57     | X-01-60-02 |
| 64     | X-01-60-03 |
| 70     | X-01-60-04 |
| 76     | X-01-60-05 |
| 83     | X-01-60-06 |
| 89     | X-01-60-07 |
| 95     | X-01-60-08 |
| 102    | X-01-60-09 |



▲  
**PODKŁADKA Ø 11**  
**1 szt./kpl**  
**4-01-60-00/1**



▲  
**NAKRĘTKA**  
**M 4,5 x 0,75**  
**1szt./kpl**  
**4-01-60-00/2**

**A**



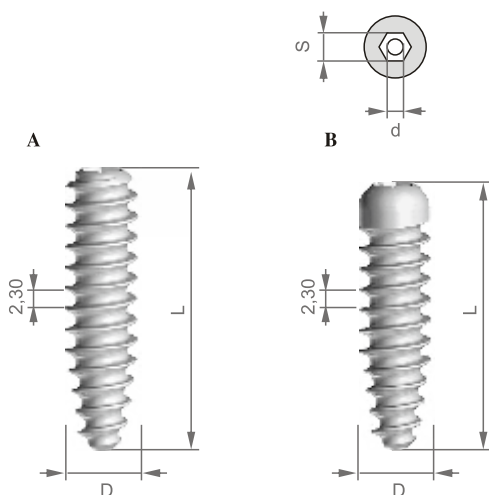
▲  
**NAKRĘTKA BLOKUJĄCA 1szt./kpl.**

**B**



▲  
**PODKŁADKA ř 9,5 1szt./kpl.**

| L (mm)    | A            | B            |
|-----------|--------------|--------------|
| M2,5x0,45 | X-01-56-00/1 | X-01-56-00/2 |
| M3,0x0,5  | X-01-57-00/1 | X-01-57-00/2 |
| M3,5x0,65 | X-01-58-00/1 | X-01-58-00/2 |



**WKRĘT KOLANOWY INTERFERENCYJNY**  
**INTERFERENCE KNEE SCREW**

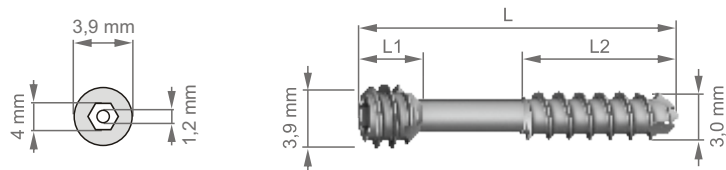


**PODKŁADKA**  
**WASHER**  
**4-01-61-12**



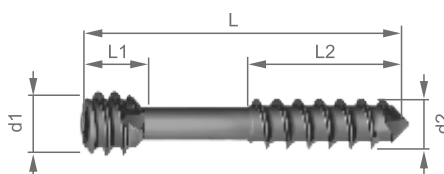
**PŁYTKA ENDOBUTTON**  
**ENDOBUTTON PLATE**  
**4 x 12**  
**4-01-61-11**

| D (mm) | L (mm) | Ø drutu<br>prowadzącego<br>d (mm) | S (mm) | TWARDE / HARD |               | MIĘKKIE / SOFT |               |
|--------|--------|-----------------------------------|--------|---------------|---------------|----------------|---------------|
|        |        |                                   |        | A             | B             | A              | B             |
| 6      | 20     | 1,2                               | 2,5    | X-01-61-01/20 | X-01-64-01/20 | X-01-62-01/20  | X-01-63-01/20 |
| 6      | 25     | 1,2                               | 2,5    | X-01-61-01/25 | X-01-64-01/25 | X-01-62-01/25  | X-01-63-01/25 |
| 6      | 30     | 1,2                               | 2,5    | X-01-61-01/30 | X-01-64-01/30 | X-01-62-01/30  | X-01-63-01/30 |
| 6      | 35     | 1,2                               | 2,5    | X-01-61-01/35 | X-01-64-01/35 | X-01-62-01/35  | X-01-63-01/35 |
| 6      | 40     | 1,2                               | 2,5    | X-01-61-01/40 | X-01-64-01/40 | X-01-62-01/40  | X-01-63-01/40 |
| 6      | 45     | 1,2                               | 2,5    | X-01-61-01/45 | X-01-64-01/45 | X-01-62-01/45  | X-01-63-01/45 |
| 6      | 50     | 1,2                               | 2,5    | X-01-61-01/50 | X-01-64-01/50 | X-01-62-01/50  | X-01-63-01/50 |
| 7      | 20     | 2,0                               | 3,5    | X-01-61-02/20 | X-01-64-02/20 | X-01-62-02/20  | X-01-63-02/20 |
| 7      | 25     | 2,0                               | 3,5    | X-01-61-02/25 | X-01-64-02/25 | X-01-62-02/25  | X-01-63-02/25 |
| 7      | 30     | 2,0                               | 3,5    | X-01-61-02/30 | X-01-64-02/30 | X-01-62-02/30  | X-01-63-02/30 |
| 7      | 35     | 2,0                               | 3,5    | X-01-61-02/35 | X-01-64-02/35 | X-01-62-02/35  | X-01-63-02/35 |
| 7      | 40     | 2,0                               | 3,5    | X-01-61-02/40 | X-01-64-02/40 | X-01-62-02/40  | X-01-63-02/40 |
| 7      | 45     | 2,0                               | 3,5    | X-01-61-02/45 | X-01-64-02/45 | X-01-62-02/45  | X-01-63-02/45 |
| 7      | 50     | 2,0                               | 3,5    | X-01-61-02/50 | X-01-64-02/50 | X-01-62-02/50  | X-01-63-02/50 |
| 8      | 20     | 2,0                               | 3,5    | X-01-61-03/20 | X-01-64-03/20 | X-01-62-03/20  | X-01-63-03/20 |
| 8      | 25     | 2,0                               | 3,5    | X-01-61-03/25 | X-01-64-03/25 | X-01-62-03/25  | X-01-63-03/25 |
| 8      | 30     | 2,0                               | 3,5    | X-01-61-03/30 | X-01-64-03/30 | X-01-62-03/30  | X-01-63-03/30 |
| 8      | 35     | 2,0                               | 3,5    | X-01-61-03/35 | X-01-64-03/35 | X-01-62-03/35  | X-01-63-03/35 |
| 8      | 40     | 2,0                               | 3,5    | X-01-61-03/40 | X-01-64-03/40 | X-01-62-03/40  | X-01-63-03/40 |
| 8      | 45     | 2,0                               | 3,5    | X-01-61-03/45 | X-01-64-03/45 | X-01-62-03/45  | X-01-63-03/45 |
| 8      | 50     | 2,0                               | 3,5    | X-01-61-03/50 | X-01-64-03/50 | X-01-62-03/50  | X-01-63-03/50 |
| 9      | 20     | 2,0                               | 3,5    | X-01-61-04/20 | X-01-64-04/20 | X-01-62-04/20  | X-01-63-04/20 |
| 9      | 25     | 2,0                               | 3,5    | X-01-61-04/25 | X-01-64-04/25 | X-01-62-04/25  | X-01-63-04/25 |
| 9      | 30     | 2,0                               | 3,5    | X-01-61-04/30 | X-01-64-04/30 | X-01-62-04/30  | X-01-63-04/30 |
| 9      | 35     | 2,0                               | 3,5    | X-01-61-04/35 | X-01-64-04/35 | X-01-62-04/35  | X-01-63-04/35 |
| 9      | 40     | 2,0                               | 3,5    | X-01-61-04/40 | X-01-64-04/40 | X-01-62-04/40  | X-01-63-04/40 |
| 9      | 45     | 2,0                               | 3,5    | X-01-61-04/45 | X-01-64-04/45 | X-01-62-04/45  | X-01-63-04/45 |
| 9      | 50     | 2,0                               | 3,5    | X-01-61-04/50 | X-01-64-04/50 | X-01-62-04/50  | X-01-63-04/50 |
| 10     | 20     | 2,0                               | 3,5    | X-01-61-05/20 | X-01-64-05/20 | X-01-62-05/20  | X-01-63-05/20 |
| 10     | 25     | 2,0                               | 3,5    | X-01-61-05/25 | X-01-64-05/25 | X-01-62-05/25  | X-01-63-05/25 |
| 10     | 30     | 2,0                               | 3,5    | X-01-61-05/30 | X-01-64-05/30 | X-01-62-05/30  | X-01-63-05/30 |
| 10     | 35     | 2,0                               | 3,5    | X-01-61-05/35 | X-01-64-05/35 | X-01-62-05/35  | X-01-63-05/35 |
| 10     | 40     | 2,0                               | 3,5    | X-01-61-05/40 | X-01-64-05/40 | X-01-62-05/40  | X-01-63-05/40 |
| 10     | 45     | 2,0                               | 3,5    | X-01-61-05/45 | X-01-64-05/45 | X-01-62-05/45  | X-01-63-05/45 |
| 10     | 50     | 2,0                               | 3,5    | X-01-61-05/50 | X-01-64-05/50 | X-01-62-05/50  | X-01-63-05/50 |



**WKREŃ KOMPRESYJNY KANIULOWANY**  
**COMPRESSION CANNULATED SCREW**  
**ø 3,0 ř 3,9 mm**

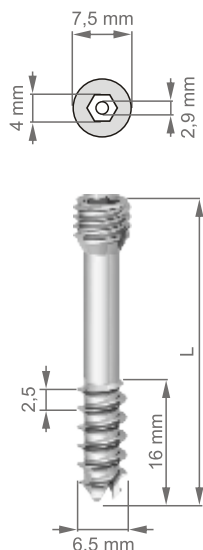
| L (mm) | L1 (mm) | L2 (mm) | Nr kat.    |
|--------|---------|---------|------------|
| 12     | 3,5     | 4       | X-01-74-12 |
| 14     | 3,5     | 6       | X-01-74-14 |
| 16     | 3,5     | 8       | X-01-74-16 |
| 18     | 4       | 9       | X-01-74-18 |
| 20     | 4       | 10      | X-01-74-20 |
| 22     | 4       | 11      | X-01-74-22 |
| 24     | 4       | 12      | X-01-74-24 |
| 26     | 4       | 13      | X-01-74-26 |
| 28     | 4       | 14      | X-01-74-28 |
| 30     | 4       | 15      | X-01-74-30 |



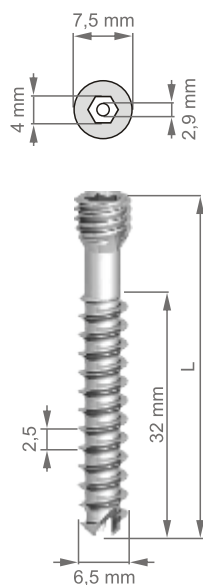
**WKREŃ KOMPRESYJNY LITY**  
**SOLID COMPRESSION SCREW**

| L (mm) | L1 (mm) | L2 (mm) | d1=3,2mm<br>d2=2,5mm | d1=3,9mm<br>d2=3,0mm |
|--------|---------|---------|----------------------|----------------------|
| 12     | 3,5     | 4       | X-01-75-12           | X-01-76-12           |
| 14     | 3,5     | 6       | X-01-75-14           | X-01-76-14           |
| 16     | 3,5     | 8       | X-01-75-16           | X-01-76-16           |
| 18     | 4       | 9       | X-01-75-18           | X-01-76-18           |
| 20     | 4       | 10      | X-01-75-20           | X-01-76-20           |
| 22     | 4       | 11      | X-01-75-22           | X-01-76-22           |
| 24     | 4       | 12      | X-01-75-24           | X-01-76-24           |
| 26     | 4       | 13      | X-01-75-26           | X-01-76-26           |
| 28     | 4       | 14      | X-01-75-28           | X-01-76-28           |
| 30     | 4       | 15      | X-01-75-30           | X-01-76-30           |



**WKREŢ KOMPRESYJNY**  
**KANIULOWANY**  
**COMPRESSION**  
**CANNULATED SCREW**


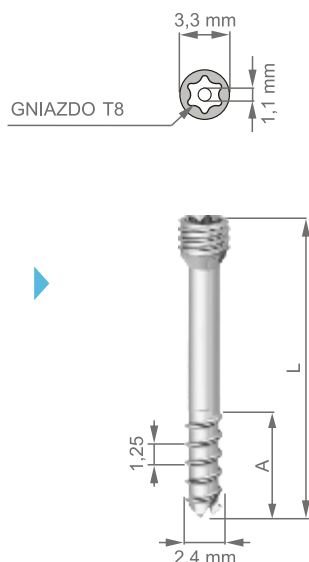
| L (mm) | ⊙           | L (mm) | ⊙            |
|--------|-------------|--------|--------------|
| 30     | X-01-264-30 | 95     | X-01-264-95  |
| 35     | X-01-264-35 | 100    | X-01-264-100 |
| 40     | X-01-264-40 | 105    | X-01-264-105 |
| 45     | X-01-264-45 | 110    | X-01-264-110 |
| 50     | X-01-264-50 | 115    | X-01-264-115 |
| 55     | X-01-264-55 | 120    | X-01-264-120 |
| 60     | X-01-264-60 | 125    | X-01-264-125 |
| 65     | X-01-264-65 | 130    | X-01-264-130 |
| 70     | X-01-264-70 | 135    | X-01-264-135 |
| 75     | X-01-264-75 | 140    | X-01-264-140 |
| 80     | X-01-264-80 | 145    | X-01-264-145 |
| 85     | X-01-264-85 | 150    | X-01-264-150 |
| 90     | X-01-264-90 |        |              |

**WKREŢ KOMPRESYJNY**  
**KANIULOWANY**  
**COMPRESSION**  
**CANNULATED SCREW**


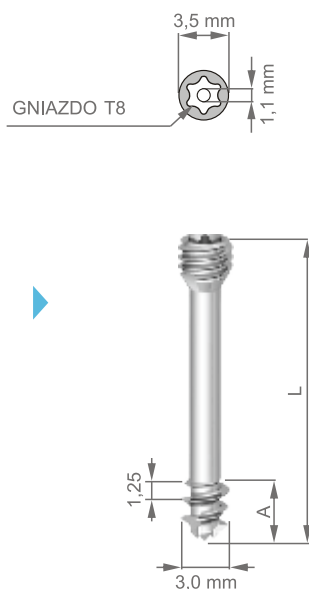
| L (mm) | ⊙           | L (mm) | ⊙            |
|--------|-------------|--------|--------------|
| 45     | X-01-265-45 | 100    | X-01-265-100 |
| 50     | X-01-265-50 | 105    | X-01-265-105 |
| 55     | X-01-265-55 | 110    | X-01-265-110 |
| 60     | X-01-265-60 | 115    | X-01-265-115 |
| 65     | X-01-265-65 | 120    | X-01-265-120 |
| 70     | X-01-265-70 | 125    | X-01-265-125 |
| 75     | X-01-265-75 | 130    | X-01-265-130 |
| 80     | X-01-265-80 | 135    | X-01-265-135 |
| 85     | X-01-265-85 | 140    | X-01-265-140 |
| 90     | X-01-265-90 | 145    | X-01-265-145 |
| 95     | X-01-265-95 | 150    | X-01-265-150 |

**WKREŢ KOMPRESYJNY**  
**KANIULOWANY**  
**COMPRESSION**  
**CANNULATED SCREW**

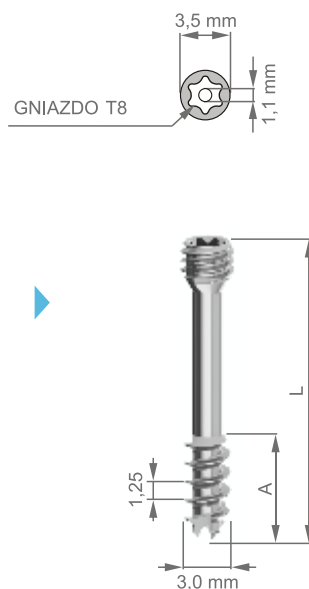

| L (mm) | A (mm) | ⊙           | L (mm) | A (mm) | ⊙           |
|--------|--------|-------------|--------|--------|-------------|
| 9      | 4      | X-01-271-09 | 23     | 4      | X-01-271-23 |
| 10     | 4      | X-01-271-10 | 24     | 5      | X-01-271-24 |
| 11     | 4      | X-01-271-11 | 25     | 5      | X-01-271-25 |
| 12     | 4      | X-01-271-12 | 26     | 5      | X-01-271-26 |
| 13     | 4      | X-01-271-13 | 27     | 6      | X-01-271-27 |
| 14     | 4      | X-01-271-14 | 28     | 6      | X-01-271-28 |
| 15     | 4      | X-01-271-15 | 29     | 6      | X-01-271-29 |
| 16     | 4      | X-01-271-16 | 30     | 7      | X-01-271-30 |
| 17     | 4      | X-01-271-17 | 32     | 7      | X-01-271-32 |
| 18     | 4      | X-01-271-18 | 34     | 8      | X-01-271-34 |
| 19     | 4      | X-01-271-19 | 36     | 9      | X-01-271-36 |
| 20     | 4      | X-01-271-20 | 38     | 9      | X-01-271-38 |
| 21     | 4      | X-01-271-21 | 40     | 10     | X-01-271-40 |
| 22     | 4      | X-01-271-22 |        |        |             |

**WKREĆ KOMPRESYJNY  
KANIULOWANY  
COMPRESSION  
CANNULATED SCREW**


| L (mm) | A (mm) |             | L (mm) | A (mm) |             |
|--------|--------|-------------|--------|--------|-------------|
| 14     | 5      | X-01-272-14 | 26     | 10     | X-01-272-26 |
| 16     | 5      | X-01-272-16 | 27     | 10     | X-01-272-27 |
| 17     | 6      | X-01-272-17 | 28     | 10     | X-01-272-28 |
| 18     | 6      | X-01-272-18 | 29     | 10     | X-01-272-29 |
| 19     | 7      | X-01-272-19 | 30     | 12     | X-01-272-30 |
| 20     | 7      | X-01-272-20 | 32     | 12     | X-01-272-32 |
| 21     | 8      | X-01-272-21 | 34     | 14     | X-01-272-34 |
| 22     | 8      | X-01-272-22 | 36     | 14     | X-01-272-36 |
| 23     | 8      | X-01-272-23 | 38     | 16     | X-01-272-38 |
| 24     | 8      | X-01-272-24 | 40     | 16     | X-01-272-40 |
| 25     | 8      | X-01-272-25 |        |        |             |

**WKREĆ KOMPRESYJNY  
KANIULOWANY  
COMPRESSION  
CANNULATED SCREW**


| L (mm) | A (mm) |             | L (mm) | A (mm) |             |
|--------|--------|-------------|--------|--------|-------------|
| 10     | 4      | X-01-294-10 | 23     | 4      | X-01-294-23 |
| 11     | 4      | X-01-294-11 | 24     | 5      | X-01-294-24 |
| 12     | 4      | X-01-294-12 | 25     | 5      | X-01-294-25 |
| 13     | 4      | X-01-294-13 | 26     | 5      | X-01-294-26 |
| 14     | 4      | X-01-294-14 | 27     | 6      | X-01-294-27 |
| 15     | 4      | X-01-294-15 | 28     | 6      | X-01-294-28 |
| 16     | 4      | X-01-294-16 | 29     | 6      | X-01-294-29 |
| 17     | 4      | X-01-294-17 | 30     | 7      | X-01-294-30 |
| 18     | 4      | X-01-294-18 | 32     | 7      | X-01-294-32 |
| 19     | 4      | X-01-294-19 | 34     | 8      | X-01-294-34 |
| 20     | 4      | X-01-294-20 | 36     | 9      | X-01-294-36 |
| 21     | 4      | X-01-294-21 | 38     | 9      | X-01-294-38 |
| 22     | 4      | X-01-294-22 | 40     | 10     | X-01-294-40 |

**WKREĆ KOMPRESYJNY  
KANIULOWANY  
COMPRESSION  
CANNULATED SCREW**


| L (mm) | A (mm) |             | L (mm) | A (mm) |             |
|--------|--------|-------------|--------|--------|-------------|
| 16     | 5      | X-01-295-16 | 26     | 10     | X-01-295-26 |
| 17     | 6      | X-01-295-17 | 27     | 10     | X-01-295-27 |
| 18     | 6      | X-01-295-18 | 28     | 10     | X-01-295-28 |
| 19     | 7      | X-01-295-19 | 29     | 10     | X-01-295-29 |
| 20     | 7      | X-01-295-20 | 30     | 12     | X-01-295-30 |
| 21     | 8      | X-01-295-21 | 32     | 12     | X-01-295-32 |
| 22     | 8      | X-01-295-22 | 34     | 14     | X-01-295-34 |
| 23     | 8      | X-01-295-23 | 36     | 14     | X-01-295-36 |
| 24     | 8      | X-01-295-24 | 38     | 16     | X-01-295-38 |
| 25     | 8      | X-01-295-25 | 40     | 16     | X-01-295-40 |



**WKREĆ KOMPRESYJNY  
KANIULOWANY**  
COMPRESSION  
CANNULATED SCREW



| L (mm) | A (mm) | ☼           | L (mm) | A (mm) | ☼            |
|--------|--------|-------------|--------|--------|--------------|
| 20     | 7      | X-01-273-20 | 52     | 10     | X-01-273-52  |
| 22     | 7      | X-01-273-22 | 54     | 11     | X-01-273-54  |
| 24     | 7      | X-01-273-24 | 56     | 11     | X-01-273-56  |
| 26     | 7      | X-01-273-26 | 58     | 11     | X-01-273-58  |
| 28     | 7      | X-01-273-28 | 60     | 12     | X-01-273-60  |
| 30     | 7      | X-01-273-30 | 65     | 13     | X-01-273-65  |
| 32     | 7      | X-01-273-32 | 70     | 14     | X-01-273-70  |
| 34     | 7      | X-01-273-34 | 75     | 15     | X-01-273-75  |
| 36     | 7      | X-01-273-36 | 80     | 16     | X-01-273-80  |
| 38     | 7      | X-01-273-38 | 85     | 17     | X-01-273-85  |
| 40     | 8      | X-01-273-40 | 90     | 18     | X-01-273-90  |
| 42     | 8      | X-01-273-42 | 95     | 19     | X-01-273-95  |
| 44     | 9      | X-01-273-44 | 100    | 20     | X-01-273-100 |
| 46     | 9      | X-01-273-46 | 105    | 21     | X-01-273-105 |
| 48     | 9      | X-01-273-48 | 110    | 22     | X-01-273-110 |
| 50     | 10     | X-01-273-50 |        |        |              |

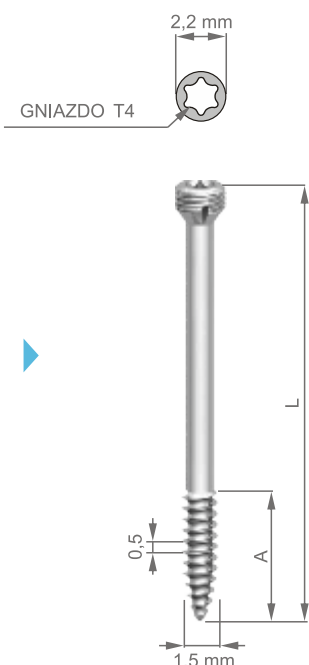
**WKREĆ KOMPRESYJNY  
KANIULOWANY**  
COMPRESSION  
CANNULATED SCREW



| L (mm) | A (mm) | ☼           | L (mm) | A (mm) | ☼            |
|--------|--------|-------------|--------|--------|--------------|
| 30     | 12     | X-01-274-30 | 56     | 22     | X-01-274-56  |
| 32     | 12     | X-01-274-32 | 58     | 22     | X-01-274-58  |
| 34     | 12     | X-01-274-34 | 60     | 24     | X-01-274-60  |
| 36     | 14     | X-01-274-36 | 65     | 26     | X-01-274-65  |
| 38     | 14     | X-01-274-38 | 70     | 28     | X-01-274-70  |
| 40     | 16     | X-01-274-40 | 75     | 30     | X-01-274-75  |
| 42     | 16     | X-01-274-42 | 80     | 32     | X-01-274-80  |
| 44     | 18     | X-01-274-44 | 85     | 34     | X-01-274-85  |
| 46     | 18     | X-01-274-46 | 90     | 36     | X-01-274-90  |
| 48     | 18     | X-01-274-48 | 95     | 38     | X-01-274-95  |
| 50     | 20     | X-01-274-50 | 100    | 40     | X-01-274-100 |
| 52     | 20     | X-01-274-52 | 105    | 42     | X-01-274-105 |
| 54     | 22     | X-01-274-54 | 110    | 44     | X-01-274-110 |



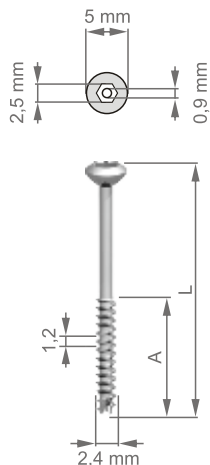
**WKREĆ KOMPRESYJNY**  
COMPRESSION SCREW



| L (mm) | A (mm) | ☼           |
|--------|--------|-------------|
| 8      | 4      | X-01-278-08 |
| 9      | 4      | X-01-278-09 |
| 10     | 4      | X-01-278-10 |
| 11     | 4      | X-01-278-11 |
| 12     | 4      | X-01-278-12 |
| 13     | 4      | X-01-278-13 |
| 14     | 4      | X-01-278-14 |
| 15     | 4      | X-01-278-15 |
| 16     | 5      | X-01-278-16 |
| 17     | 5      | X-01-278-17 |
| 18     | 5      | X-01-278-18 |
| 19     | 5      | X-01-278-19 |
| 20     | 6      | X-01-278-20 |

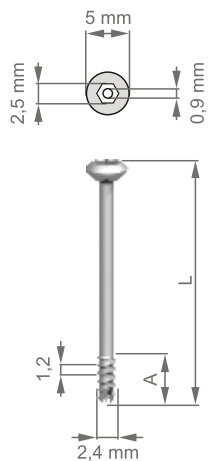


**WKREĆ KANIULOWANY  
samowierzący**  
**CANNULATED SCREW**  
 self-drilling



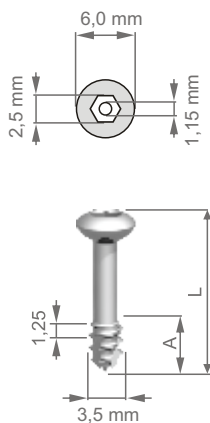
| L (mm) | A (mm) | ○           | L (mm) | A (mm) | ○           |
|--------|--------|-------------|--------|--------|-------------|
| 10     | 4      | X-01-285-10 | 18     | 8      | X-01-285-18 |
| 11     | 5      | X-01-285-11 | 19     | 9      | X-01-285-19 |
| 12     | 5      | X-01-285-12 | 20     | 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  
samowierzący**  
**CANNULATED SCREW**  
 self-drilling

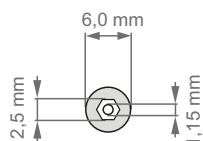


| L (mm) | A (mm) | ○           | L (mm) | A (mm) | ○           |
|--------|--------|-------------|--------|--------|-------------|
| 17     | 5      | X-01-286-17 | 24     | 6      | X-01-286-24 |
| 18     | 5      | X-01-286-18 | 26     | 6      | X-01-286-26 |
| 19     | 5      | X-01-286-19 | 28     | 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-   |

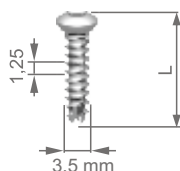
**WKREĆ KANIULOWANY  
samowierzący**  
**CANNULATED SCREW**  
 self-drilling



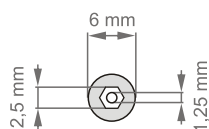
| L (mm) | A (mm) | ○           | L (mm) | A (mm) | ○           |
|--------|--------|-------------|--------|--------|-------------|
| 10     | 4      | X-01-101-10 | 36     | 12     | X-01-101-36 |
| 12     | 4      | X-01-101-12 | 38     | 12     | X-01-101-38 |
| 14     | 5      | X-01-101-14 | 40     | 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 |



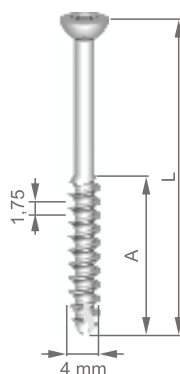
**WKRĘT KANIULOWANY**  
**samowierzący**  
**CANNULATED SCREW**  
**self-drilling**



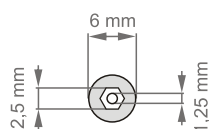
| L (mm) | Ø           | L (mm) | Ø           |
|--------|-------------|--------|-------------|
| 8      | X-01-100-08 | 40     | X-01-100-40 |
| 10     | X-01-100-10 | 42     | X-01-100-42 |
| 12     | X-01-100-12 | 44     | X-01-100-44 |
| 14     | X-01-100-14 | 46     | X-01-100-46 |
| 16     | X-01-100-16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



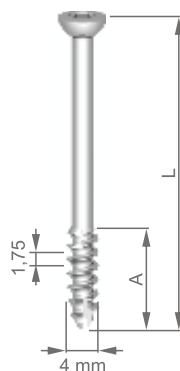
**WKRĘT KANIULOWANY**  
**samowierzący**  
**CANNULATED SCREW**  
**self-drilling**



| L (mm) | A (mm) | Ø           | L (mm) | A (mm) | Ø           |
|--------|--------|-------------|--------|--------|-------------|
| 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 |        |        |             |

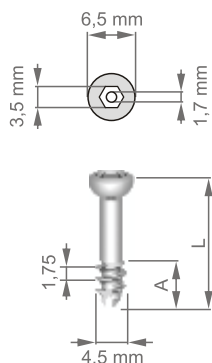


**WKRĘT KANIULOWANY**  
**samowierzący**  
**CANNULATED SCREW**  
**self-drilling**



| L (mm) | A (mm) | Ø           | L (mm) | A (mm) | Ø           |
|--------|--------|-------------|--------|--------|-------------|
| 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 |

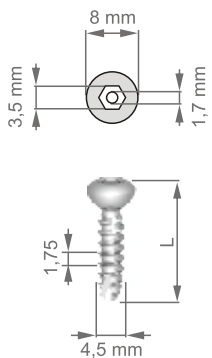
**WKREĆ KANIULOWANY  
samowiercący**  
CANNULATED SCREW  
self-drilling



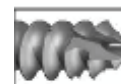
| L (mm) | A (mm) | Ø           | L (mm) | A (mm) | Ø           |
|--------|--------|-------------|--------|--------|-------------|
| 20     | 7      | X-01-266-20 | 46     | 15     | X-01-266-46 |
| 22     | 7      | X-01-266-22 | 48     | 16     | X-01-266-48 |
| 24     | 8      | X-01-266-24 | 50     | 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-   |



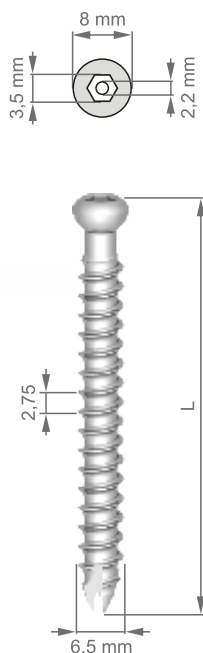
**WKREĆ KANIULOWANY  
samowiercący**  
CANNULATED SCREW  
self-drilling



| L (mm) | Ø           | L (mm) | Ø           |
|--------|-------------|--------|-------------|
| 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 |



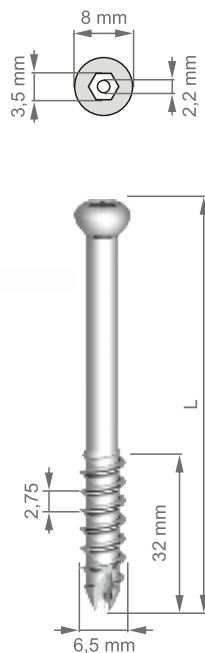
**WKREĆ KANIULOWANY  
samowiercący**  
CANNULATED SCREW  
self-drilling



| L (mm) | Ø           | L (mm) | Ø            |
|--------|-------------|--------|--------------|
| 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 |        |              |

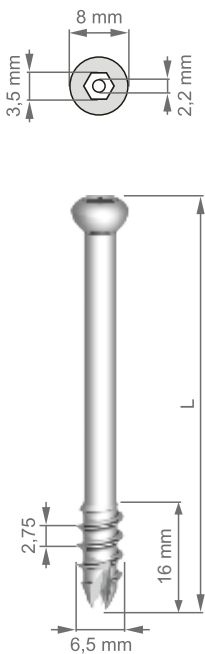


**WKRĘT KANIULOWANY  
samowiercący**  
CANNULATED SCREW  
self-drilling



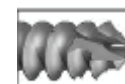
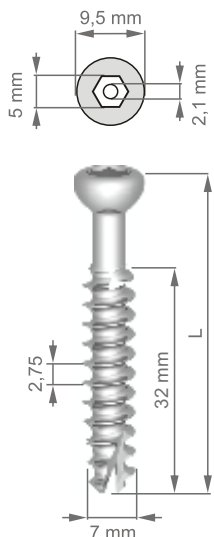
| L (mm) | ○           | L (mm) | ○            |
|--------|-------------|--------|--------------|
| 45     | X-01-236-45 | 95     | X-01-236-95  |
| 50     | X-01-236-50 | 100    | X-01-236-100 |
| 55     | X-01-236-55 | 105    | X-01-236-105 |
| 60     | X-01-236-60 | 110    | X-01-236-110 |
| 65     | 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 |

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



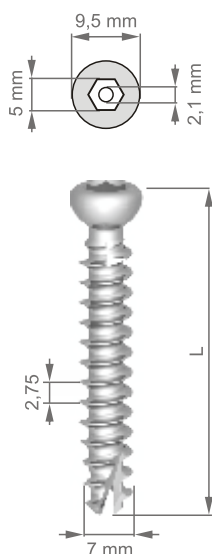
| L (mm) | ○           | L (mm) | ○            |
|--------|-------------|--------|--------------|
| 30     | X-01-237-30 | 90     | X-01-237-90  |
| 35     | X-01-237-35 | 95     | X-01-237-95  |
| 40     | X-01-237-40 | 100    | X-01-237-100 |
| 45     | X-01-237-45 | 105    | X-01-237-105 |
| 50     | 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 |        |              |

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



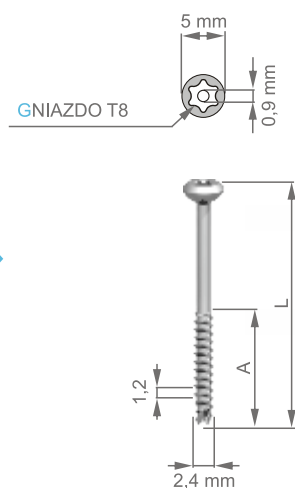
| L (mm) | ○           | L (mm) | ○            |
|--------|-------------|--------|--------------|
| 45     | X-01-269-45 | 100    | X-01-269-100 |
| 50     | X-01-269-50 | 105    | X-01-269-105 |
| 55     | X-01-269-55 | 110    | X-01-269-110 |
| 60     | X-01-269-60 | 115    | X-01-269-115 |
| 65     | 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 |

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



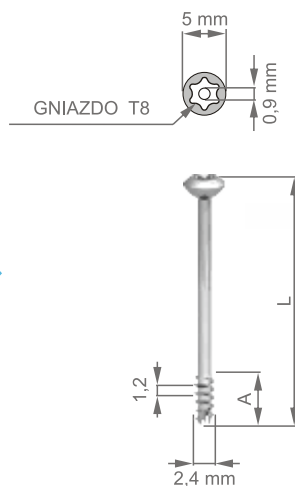
| L (mm) |             | L (mm) |              |
|--------|-------------|--------|--------------|
| 20     | X-01-270-20 | 80     | X-01-270-80  |
| 25     | X-01-270-25 | 85     | X-01-270-85  |
| 30     | X-01-270-30 | 90     | X-01-270-90  |
| 35     | X-01-270-35 | 95     | X-01-270-95  |
| 40     | 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 |        |              |

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



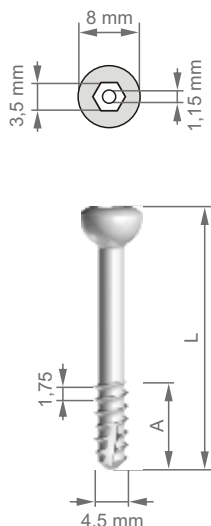
| L (mm) | A (mm) |             | L (mm) | A (mm) |             |
|--------|--------|-------------|--------|--------|-------------|
| 10     | 4      | X-01-283-10 | 18     | 8      | X-01-283-18 |
| 11     | 5      | X-01-283-11 | 19     | 9      | X-01-283-19 |
| 12     | 5      | X-01-283-12 | 20     | 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 |

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



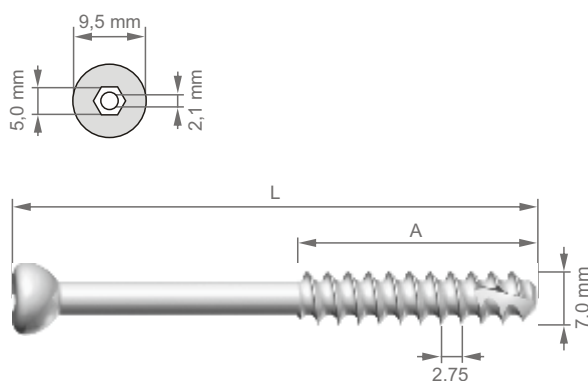
| L (mm) | A (mm) |             | L (mm) | A (mm) |             |
|--------|--------|-------------|--------|--------|-------------|
| 17     | 5      | X-01-284-17 | 24     | 6      | X-01-284-24 |
| 18     | 5      | X-01-284-18 | 26     | 6      | X-01-284-26 |
| 19     | 5      | X-01-284-19 | 28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





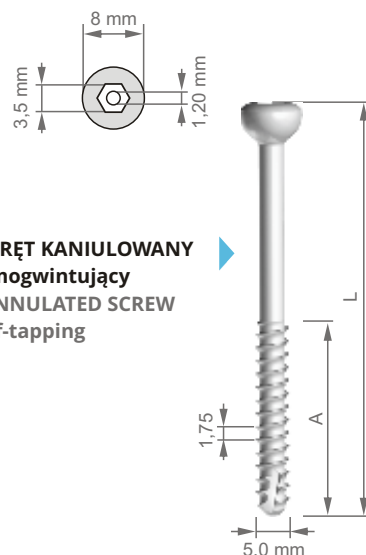
**WKRĘT KANIULOWANY**  
**samogwintujący**  
**CANNULATED SCREW**  
**self-tapping**

| L (mm) | A (mm) | ○          | L (mm) | A (mm) | ○           |
|--------|--------|------------|--------|--------|-------------|
| 10     | -      | X-01-78-01 | 70     | 12     | X-01-78-74  |
| 12     | -      | X-01-78-02 | 75     | 12     | X-01-78-75  |
| 14     | -      | X-01-78-03 | 80     | 12     | X-01-78-76  |
| 16     | -      | X-01-78-04 | 30     | 15     | X-01-78-86  |
| 18     | 11     | X-01-78-05 | 50     | 16     | X-01-78-77  |
| 20     | 12     | X-01-78-06 | 55     | 16     | X-01-78-78  |
| 22     | 12     | X-01-78-07 | 60     | 16     | X-01-78-79  |
| 24     | 12     | X-01-78-08 | 35     | 18     | X-01-78-87  |
| 25     | 12     | X-01-78-85 | 40     | 20     | X-01-78-88  |
| 26     | 12     | X-01-78-09 | 45     | 22     | X-01-78-89  |
| 28     | 12     | X-01-78-10 | 50     | 24     | X-01-78-90  |
| 30     | 12     | X-01-78-11 | 55     | 26     | X-01-78-91  |
| 35     | 12     | X-01-78-12 | 60     | 30     | X-01-78-92  |
| 40     | 12     | X-01-78-13 | 65     | 30     | X-01-78-93  |
| 45     | 12     | X-01-78-14 | 70     | 32     | X-01-78-94  |
| 50     | 12     | X-01-78-70 | 75     | 32     | X-01-78-95  |
| 55     | 12     | X-01-78-71 | 80     | 32     | X-01-78-96  |
| 60     | 12     | X-01-78-72 | 85     | 32     | X-01-78-105 |
| 65     | 12     | X-01-78-73 | 90     | 32     | X-01-78-110 |



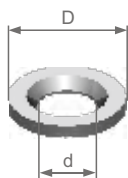
**WKRĘT KANIULOWANY**  
**samogwintujący**  
**CANNULATED SCREW**  
**self-tapping**

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



| L (mm) | A (mm) | ○          | L (mm) | A (mm) | ○          |
|--------|--------|------------|--------|--------|------------|
| 40     | 16     | X-01-78-32 | 40     | 27     | X-01-78-98 |
| 45     | 16     | X-01-78-33 | 40     | 32     | X-01-78-51 |
| 50     | 16     | X-01-78-34 | 45     | 32     | X-01-78-52 |
| 55     | 16     | X-01-78-35 | 50     | 32     | X-01-78-53 |
| 60     | 16     | X-01-78-36 | 55     | 32     | X-01-78-54 |
| 65     | 16     | X-01-78-37 | 60     | 32     | X-01-78-55 |
| 70     | 16     | X-01-78-38 | 65     | 32     | X-01-78-56 |
| 75     | 16     | X-01-78-39 | 70     | 32     | X-01-78-57 |
| 80     | 16     | X-01-78-40 | 75     | 32     | X-01-78-58 |
| 85     | 16     | X-01-78-41 | 80     | 32     | X-01-78-59 |
| 90     | 16     | X-01-78-42 | 85     | 32     | X-01-78-60 |
| 95     | 16     | X-01-78-43 | 90     | 32     | X-01-78-61 |
| 100    | 16     | X-01-78-44 | 95     | 32     | X-01-78-62 |
| 105    | 16     | X-01-78-45 | 100    | 32     | X-01-78-63 |
| 110    | 16     | X-01-78-46 | 105    | 32     | X-01-78-64 |
| 115    | 16     | X-01-78-47 | 110    | 32     | X-01-78-65 |
| 120    | 16     | X-01-78-48 | 115    | 32     | X-01-78-66 |
| 125    | 16     | X-01-78-49 | 120    | 32     | X-01-78-67 |
| 130    | 16     | X-01-78-50 | 125    | 32     | X-01-78-68 |
| 35     | 22     | X-01-78-97 | 130    | 32     | X-01-78-69 |

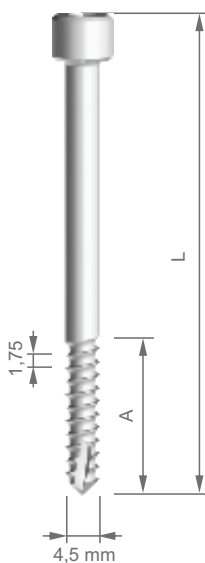
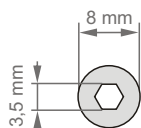
| L (mm) | A (mm) | ○          |
|--------|--------|------------|
| 25     | 16     | X-01-78-15 |
| 30     | 16     | X-01-78-16 |
| 35     | 16     | X-01-78-17 |
| 40     | 16     | X-01-78-18 |
| 45     | 16     | X-01-78-19 |
| 50     | 16     | X-01-78-20 |
| 55     | 16     | X-01-78-21 |
| 60     | 16     | X-01-78-22 |
| 65     | 16     | X-01-78-23 |
| 70     | 16     | X-01-78-24 |
| 40     | 32     | X-01-78-25 |
| 45     | 32     | X-01-78-26 |
| 50     | 32     | X-01-78-27 |
| 55     | 32     | X-01-78-28 |
| 60     | 32     | X-01-78-29 |
| 65     | 32     | X-01-78-30 |
| 70     | 32     | X-01-78-31 |


**PODKŁADKA**  
**WASHER**

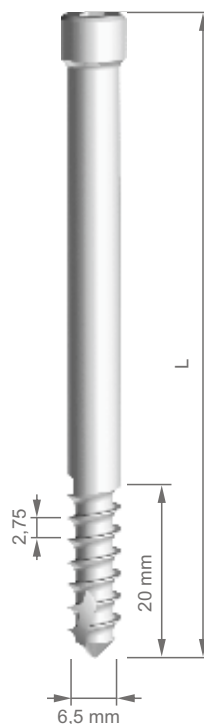
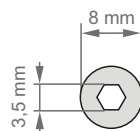
| D (mm) | d (mm) | Nr kat.     |
|--------|--------|-------------|
| 6,5    | 3,3    | X-01-289-01 |
| 7,0    | 3,6    | X-01-289-02 |
| 10,0   | 4,6    | X-01-289-03 |
| 13,0   | 6,6    | X-01-289-04 |


**ŚRUBA WSPOMAGAJĄCA ø 3,0**  
**SUPPORT SCREW ø 3,0**  
**4-01-292-01**

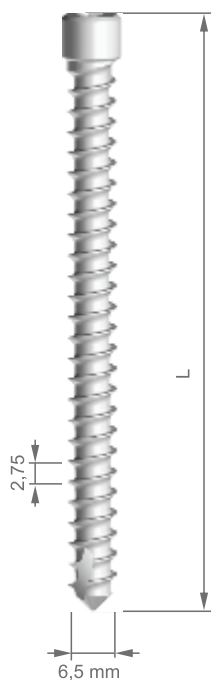
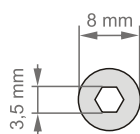
**PODKŁADKA**  
**WASHER**  
**4-01-290-01**

**PODKŁADKA**  
**WASHER**  
**4-01-291-01**

**WKREĆ BLOKUJĄCY TRZONOWY**  
**samogwintujący**  
**LOCKING SHAFT SCREW**  
**self-tapping**  
**ø 4,5 x 1,75 mm**


| L (mm) | A (mm) | Ø          | L (mm) | A (mm) | Ø           |
|--------|--------|------------|--------|--------|-------------|
| 26     | 12     | X-01-81-26 | 64     | 20     | X-01-81-64  |
| 28     | 12     | X-01-81-28 | 66     | 20     | X-01-81-66  |
| 30     | 12     | X-01-81-30 | 68     | 20     | X-01-81-68  |
| 32     | 12     | X-01-81-32 | 70     | 20     | X-01-81-70  |
| 34     | 12     | X-01-81-34 | 72     | 20     | X-01-81-72  |
| 36     | 16     | X-01-81-36 | 74     | 20     | X-01-81-74  |
| 38     | 16     | X-01-81-38 | 76     | 20     | X-01-81-76  |
| 40     | 16     | X-01-81-40 | 78     | 20     | X-01-81-78  |
| 42     | 16     | X-01-81-42 | 80     | 20     | X-01-81-80  |
| 44     | 16     | X-01-81-44 | 82     | 20     | X-01-81-82  |
| 46     | 16     | X-01-81-46 | 84     | 20     | X-01-81-84  |
| 48     | 16     | X-01-81-48 | 86     | 20     | X-01-81-86  |
| 50     | 18     | X-01-81-50 | 88     | 20     | X-01-81-88  |
| 52     | 18     | X-01-81-52 | 90     | 20     | X-01-81-90  |
| 54     | 18     | X-01-81-54 | 92     | 20     | X-01-81-92  |
| 56     | 18     | X-01-81-56 | 94     | 20     | X-01-81-94  |
| 58     | 18     | X-01-81-58 | 96     | 20     | X-01-81-96  |
| 60     | 18     | X-01-81-60 | 98     | 20     | X-01-81-98  |
| 62     | 18     | X-01-81-62 | 100    | 20     | X-01-81-100 |


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

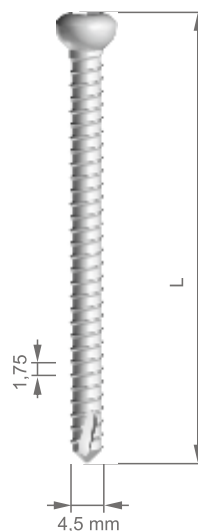
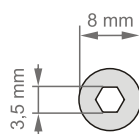

| L (mm) | Ø           |
|--------|-------------|
| 40     | X-01-84-40  |
| 45     | X-01-84-45  |
| 50     | X-01-84-50  |
| 55     | X-01-84-55  |
| 60     | X-01-84-60  |
| 65     | X-01-84-65  |
| 70     | X-01-84-70  |
| 75     | X-01-84-75  |
| 80     | X-01-84-80  |
| 85     | X-01-84-85  |
|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



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



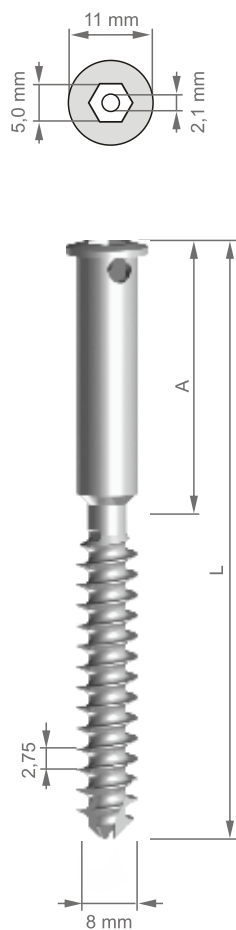
| L (mm) | Ø          | L (mm) | Ø           |
|--------|------------|--------|-------------|
| 40     | X-01-85-40 | 82     | X-01-85-82  |
| 42     | X-01-85-42 | 84     | X-01-85-84  |
| 44     | X-01-85-44 | 86     | X-01-85-86  |
| 46     | X-01-85-46 | 88     | X-01-85-88  |
| 48     | X-01-85-48 | 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 |        |             |



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



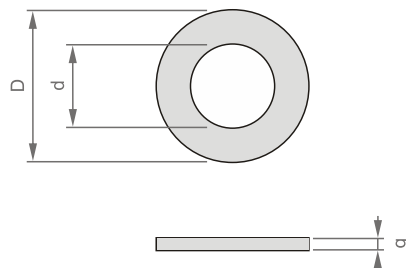
| L (mm) | Ø          | L (mm) | Ø           |
|--------|------------|--------|-------------|
| 16     | X-01-86-16 | 60     | X-01-86-60  |
| 18     | X-01-86-18 | 62     | X-01-86-62  |
| 20     | X-01-86-20 | 64     | X-01-86-64  |
| 22     | X-01-86-22 | 66     | X-01-86-66  |
| 24     | X-01-86-24 | 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 |        |             |



**ŚRUBA GARDENA**  
**samogwintująca - samowiercąca**  
**GARDEN'S SCREW**  
**self-tapping - self-drilling**  
**ø 8,0 mm**



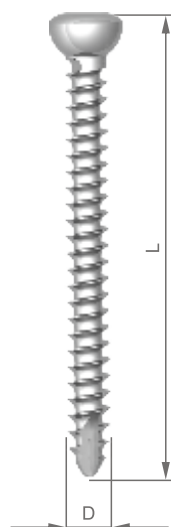
| L (mm) | A (mm) | Ø           |
|--------|--------|-------------|
| 55     | 25     | X-01-87-55  |
| 60     | 25     | X-01-87-60  |
| 65     | 30     | X-01-87-65  |
| 70     | 30     | X-01-87-70  |
| 75     | 35     | X-01-87-75  |
| 80     | 35     | X-01-87-80  |
| 85     | 40     | X-01-87-85  |
| 90     | 40     | X-01-87-90  |
| 95     | 45     | X-01-87-95  |
| 100    | 45     | X-01-87-100 |
| 105    | 45     | X-01-87-105 |
| 110    | 45     | X-01-87-110 |
| 115    | 45     | X-01-87-115 |
| 120    | 50     | X-01-87-120 |
| 125    | 50     | X-01-87-125 |
| 130    | 55     | X-01-87-130 |
| 135    | 55     | X-01-87-135 |
| 140    | 60     | X-01-87-140 |
| 145    | 60     | X-01-87-145 |
| 150    | 65     | X-01-87-150 |



**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    |

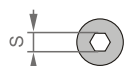
# Wkręty do kości drobnych, korowe, samogwintujące Cortical self-tapping screws for small bones fragments



D = 2,4 mm

S = 2,5 mm

T = 8



L [mm] Ref.

|    |             |
|----|-------------|
| 6  | 4-01-239-06 |
| 8  | 4-01-239-08 |
| 10 | 4-01-239-10 |
| 12 | 4-01-239-12 |
| 14 | 4-01-239-14 |
| 16 | 4-01-239-16 |
| 18 | 4-01-239-18 |
| 20 | 4-01-239-20 |
| 22 | 4-01-239-22 |
| 24 | 4-01-239-24 |
| 26 | 4-01-239-26 |
| 28 | 4-01-239-28 |
| 30 | 4-01-239-30 |
| 32 | 4-01-239-32 |
| 34 | 4-01-239-34 |
| 36 | 4-01-239-36 |
| 38 | 4-01-239-38 |
| 40 | 4-01-239-40 |

L [mm] Ref.

|    |             |
|----|-------------|
| 6  | 4-01-240-06 |
| 8  | 4-01-240-08 |
| 10 | 4-01-240-10 |
| 12 | 4-01-240-12 |
| 14 | 4-01-240-14 |
| 16 | 4-01-240-16 |
| 18 | 4-01-240-18 |
| 20 | 4-01-240-20 |
| 22 | 4-01-240-22 |
| 24 | 4-01-240-24 |
| 26 | 4-01-240-26 |
| 28 | 4-01-240-28 |
| 30 | 4-01-240-30 |
| 32 | 4-01-240-32 |
| 34 | 4-01-240-34 |
| 36 | 4-01-240-36 |
| 38 | 4-01-240-38 |
| 40 | 4-01-240-40 |

D = 3,5 mm

S = 2,5 mm

T = 15

L [mm] Ref.

|    |            |
|----|------------|
| 8  | 4-01-51-08 |
| 10 | 4-01-51-10 |
| 12 | 4-01-51-12 |
| 14 | 4-01-51-14 |
| 16 | 4-01-51-16 |
| 18 | 4-01-51-18 |
| 20 | 4-01-51-20 |
| 22 | 4-01-51-22 |
| 24 | 4-01-51-24 |
| 26 | 4-01-51-26 |
| 28 | 4-01-51-28 |
| 30 | 4-01-51-30 |
| 32 | 4-01-51-32 |
| 34 | 4-01-51-34 |
| 36 | 4-01-51-36 |
| 38 | 4-01-51-38 |
| 40 | 4-01-51-40 |
| 42 | 4-01-51-42 |
| 44 | 4-01-51-44 |
| 46 | 4-01-51-46 |
| 48 | 4-01-51-48 |
| 50 | 4-01-51-50 |
| 52 | 4-01-51-52 |
| 54 | 4-01-51-54 |
| 56 | 4-01-51-56 |
| 58 | 4-01-51-58 |
| 60 | 4-01-51-60 |
| 62 | 4-01-51-62 |
| 64 | 4-01-51-64 |
| 66 | 4-01-51-66 |
| 68 | 4-01-51-68 |
| 70 | 4-01-51-70 |
| 72 | 4-01-51-72 |
| 74 | 4-01-51-74 |
| 76 | 4-01-51-76 |
| 78 | 4-01-51-78 |
| 80 | 4-01-51-80 |
| 82 | 4-01-51-82 |
| 84 | 4-01-51-84 |
| 86 | 4-01-51-86 |
| 88 | 4-01-51-88 |
| 90 | 4-01-51-90 |

L [mm] Ref.

|    |             |
|----|-------------|
| 8  | 4-01-221-08 |
| 10 | 4-01-221-10 |
| 12 | 4-01-221-12 |
| 14 | 4-01-221-14 |
| 16 | 4-01-221-16 |
| 18 | 4-01-221-18 |
| 20 | 4-01-221-20 |
| 22 | 4-01-221-22 |
| 24 | 4-01-221-24 |
| 26 | 4-01-221-26 |
| 28 | 4-01-221-28 |
| 30 | 4-01-221-30 |
| 32 | 4-01-221-32 |
| 34 | 4-01-221-34 |
| 36 | 4-01-221-36 |
| 38 | 4-01-221-38 |
| 40 | 4-01-221-40 |
| 42 | 4-01-221-42 |
| 44 | 4-01-221-44 |
| 46 | 4-01-221-46 |
| 48 | 4-01-221-48 |
| 50 | 4-01-221-50 |
| 52 | 4-01-221-52 |
| 54 | 4-01-221-54 |
| 56 | 4-01-221-56 |
| 58 | 4-01-221-58 |
| 60 | 4-01-221-60 |
| 62 | 4-01-221-62 |
| 64 | 4-01-221-64 |
| 66 | 4-01-221-66 |
| 68 | 4-01-221-68 |
| 70 | 4-01-221-70 |
| 72 | 4-01-221-72 |
| 74 | 4-01-221-74 |
| 76 | 4-01-221-76 |
| 78 | 4-01-221-78 |
| 80 | 4-01-221-80 |
| 82 | 4-01-221-82 |
| 84 | 4-01-221-84 |
| 86 | 4-01-221-86 |
| 88 | 4-01-221-88 |
| 90 | 4-01-221-90 |

D = 2,7 mm

S = 2,5 mm

T = 8

L [mm] Ref.

|    |            |
|----|------------|
| 6  | 4-01-48-06 |
| 8  | 4-01-48-08 |
| 10 | 4-01-48-10 |
| 12 | 4-01-48-12 |
| 14 | 4-01-48-14 |
| 16 | 4-01-48-16 |
| 18 | 4-01-48-18 |
| 20 | 4-01-48-20 |
| 22 | 4-01-48-22 |
| 24 | 4-01-48-24 |
| 26 | 4-01-48-26 |
| 28 | 4-01-48-28 |
| 30 | 4-01-48-30 |
| 32 | 4-01-48-32 |
| 34 | 4-01-48-34 |
| 36 | 4-01-48-36 |
| 38 | 4-01-48-38 |
| 40 | 4-01-48-40 |
| 42 | 4-01-48-42 |
| 44 | 4-01-48-44 |
| 46 | 4-01-48-46 |
| 48 | 4-01-48-48 |
| 50 | 4-01-48-50 |
| 52 | 4-01-48-52 |
| 54 | 4-01-48-54 |
| 56 | 4-01-48-56 |
| 58 | 4-01-48-58 |
| 60 | 4-01-48-60 |

L [mm] Ref.

|    |             |
|----|-------------|
| 6  | 4-01-216-06 |
| 8  | 4-01-216-08 |
| 10 | 4-01-216-10 |
| 12 | 4-01-216-12 |
| 14 | 4-01-216-14 |
| 16 | 4-01-216-16 |
| 18 | 4-01-216-18 |
| 20 | 4-01-216-20 |
| 22 | 4-01-216-22 |
| 24 | 4-01-216-24 |
| 26 | 4-01-216-26 |
| 28 | 4-01-216-28 |
| 30 | 4-01-216-30 |
| 32 | 4-01-216-32 |
| 34 | 4-01-216-34 |
| 36 | 4-01-216-36 |
| 38 | 4-01-216-38 |
| 40 | 4-01-216-40 |
| 42 | 4-01-216-42 |
| 44 | 4-01-216-44 |
| 46 | 4-01-216-46 |
| 48 | 4-01-216-48 |
| 50 | 4-01-216-50 |
| 52 | 4-01-216-52 |
| 54 | 4-01-216-54 |
| 56 | 4-01-216-56 |
| 58 | 4-01-216-58 |
| 60 | 4-01-216-60 |

D = 4,5 mm

S = 3,5 mm

T = 25

L [mm] Ref.

|     |             |
|-----|-------------|
| 12  | 4-01-04-12  |
| 14  | 4-01-04-14  |
| 16  | 4-01-04-16  |
| 18  | 4-01-04-18  |
| 20  | 4-01-04-20  |
| 22  | 4-01-04-22  |
| 24  | 4-01-04-24  |
| 26  | 4-01-04-26  |
| 28  | 4-01-04-28  |
| 30  | 4-01-04-30  |
| 32  | 4-01-04-32  |
| 34  | 4-01-04-34  |
| 36  | 4-01-04-36  |
| 38  | 4-01-04-38  |
| 40  | 4-01-04-40  |
| 42  | 4-01-04-42  |
| 44  | 4-01-04-44  |
| 46  | 4-01-04-46  |
| 48  | 4-01-04-48  |
| 50  | 4-01-04-50  |
| 52  | 4-01-04-52  |
| 54  | 4-01-04-54  |
| 56  | 4-01-04-56  |
| 58  | 4-01-04-58  |
| 60  | 4-01-04-60  |
| 62  | 4-01-04-62  |
| 64  | 4-01-04-64  |
| 66  | 4-01-04-66  |
| 68  | 4-01-04-68  |
| 70  | 4-01-04-70  |
| 72  | 4-01-04-72  |
| 74  | 4-01-04-74  |
| 76  | 4-01-04-76  |
| 78  | 4-01-04-78  |
| 80  | 4-01-04-80  |
| 82  | 4-01-04-82  |
| 84  | 4-01-04-84  |
| 86  | 4-01-04-86  |
| 88  | 4-01-04-88  |
| 90  | 4-01-04-90  |
| 95  | 4-01-04-95  |
| 100 | 4-01-04-100 |
| 105 | 4-01-04-105 |
| 110 | 4-01-04-110 |
| 115 | 4-01-04-115 |

L [mm] Ref.

|     |              |
|-----|--------------|
| 12  | 4-01-218-12  |
| 14  | 4-01-218-14  |
| 16  | 4-01-218-16  |
| 18  | 4-01-218-18  |
| 20  | 4-01-218-20  |
| 22  | 4-01-218-22  |
| 24  | 4-01-218-24  |
| 26  | 4-01-218-26  |
| 28  | 4-01-218-28  |
| 30  | 4-01-218-30  |
| 32  | 4-01-218-32  |
| 34  | 4-01-218-34  |
| 36  | 4-01-218-36  |
| 38  | 4-01-218-38  |
| 40  | 4-01-218-40  |
| 42  | 4-01-218-42  |
| 44  | 4-01-218-44  |
| 46  | 4-01-218-46  |
| 48  | 4-01-218-48  |
| 50  | 4-01-218-50  |
| 52  | 4-01-218-52  |
| 54  | 4-01-218-54  |
| 56  | 4-01-218-56  |
| 58  | 4-01-218-58  |
| 60  | 4-01-218-60  |
| 62  | 4-01-218-62  |
| 64  | 4-01-218-64  |
| 66  | 4-01-218-66  |
| 68  | 4-01-218-68  |
| 70  | 4-01-218-70  |
| 72  | 4-01-218-72  |
| 74  | 4-01-218-74  |
| 76  | 4-01-218-76  |
| 78  | 4-01-218-78  |
| 80  | 4-01-218-80  |
| 82  | 4-01-218-82  |
| 84  | 4-01-218-84  |
| 86  | 4-01-218-86  |
| 88  | 4-01-218-88  |
| 90  | 4-01-218-90  |
| 95  | 4-01-218-95  |
| 100 | 4-01-218-100 |
| 105 | 4-01-218-105 |
| 110 | 4-01-218-110 |
| 115 | 4-01-218-115 |