



**MEDGAL<sup>®</sup>**  
ORTHOPAEDIC IMPLANTS & INSTRUMENTS





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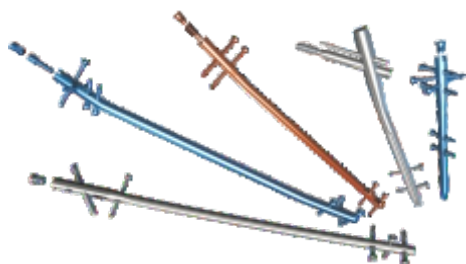
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**WKRETY KOSTNE**  
BONE SCREWS



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

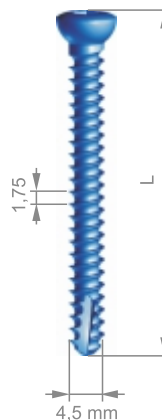
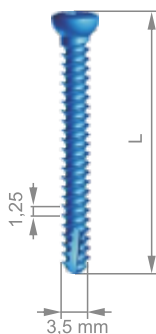
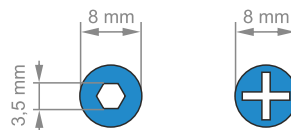
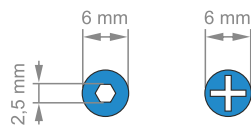
Pierwszy człon numeru katalogowego First part of REF No.	Odmiany wkrętów / Types of screws
1	tytan / titanium
4	stal implantacyjna / stainless steel
5	stal implantacyjna + DLC / stainless steel + DLC
11	tytan + DLC / titanium + DLC
21	tytan lity pokryty Si-DLC / titanium + Si-DLC
24	stal pokryta Si-DLC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

**PRZYKŁAD / EXAMPLE**

X-zz-zzz-zz

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

z = numeracja / number

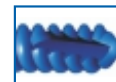


**WKRĘT DO KOŚCI KOROWEJ**  
samogwintujący  
CORTICAL SCREW  
self-tapping  
ø 3,5 x 1,25 mm

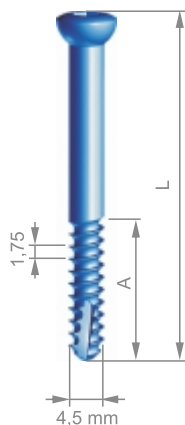
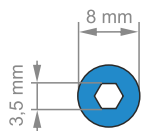


L (mm)	⊙	+
8	X-01-01-08	X-01-02-08
10	X-01-01-10	X-01-02-10
12	X-01-01-12	X-01-02-12
14	X-01-01-14	X-01-02-14
16	X-01-01-16	X-01-02-16
18	X-01-01-18	X-01-02-18
20	X-01-01-20	X-01-02-20
22	X-01-01-22	X-01-02-22
24	X-01-01-24	X-01-02-24
26	X-01-01-26	X-01-02-26
28	X-01-01-28	X-01-02-28
30	X-01-01-30	X-01-02-30
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



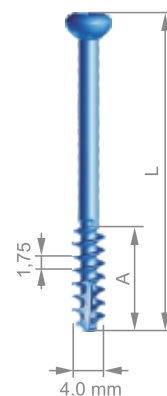
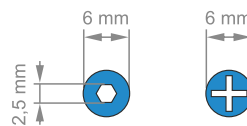
L (mm)	⊙	+	L (mm)	⊙	+
12	X-01-04-12	X-01-05-12	66	X-01-04-66	X-01-05-66
14	X-01-04-14	X-01-05-14	68	X-01-04-68	X-01-05-68
16	X-01-04-16	X-01-05-16	70	X-01-04-70	X-01-05-70
18	X-01-04-18	X-01-05-18	72	X-01-04-72	X-01-05-72
20	X-01-04-20	X-01-05-20	74	X-01-04-74	X-01-05-74
22	X-01-04-22	X-01-05-22	76	X-01-04-76	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			



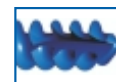
**WKREĆ DO KOŚCI KOROWEJ**  
samogwintujący  
CORTICAL SCREW  
self-tapping  
ø 4,5 x 1,75 mm



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

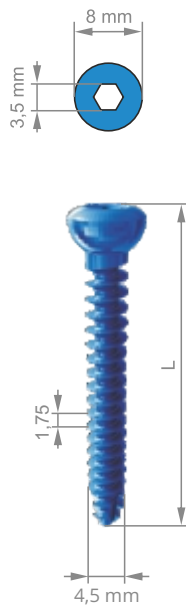


**WKREĆ DO KOŚCI GĄBCZASTEJ**  
samogwintujący  
CANCELLOUS SCREW  
self-tapping  
ø 4,0 x 1,75 mm

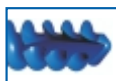


L (mm)	A (mm)	⊙	⊕
10	5	X-01-12-10	X-01-13-10
12	5	X-01-12-12	X-01-13-12
14	5	X-01-12-14	X-01-13-14
16	6	X-01-12-16	X-01-13-16
18	7	X-01-12-18	X-01-13-18
20	8	X-01-12-20	X-01-13-20
22	9	X-01-12-22	X-01-13-22
24	10	X-01-12-24	X-01-13-24
26	12	X-01-12-26	X-01-13-26
28	14	X-01-12-28	X-01-13-28
30	14	X-01-12-30	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

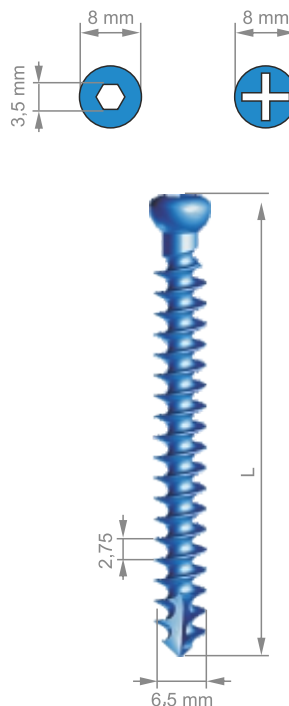




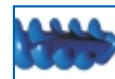
**WKRĘT DO KOŚCI GĄBCZASTEJ  
samogwintująca  
CANCELLOUS SCREW  
self-tapping  
ø 4,5 x 1,75 mm**



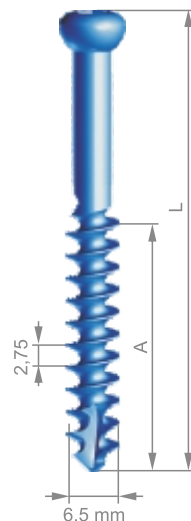
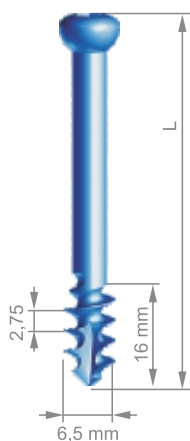
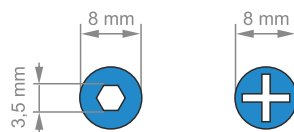
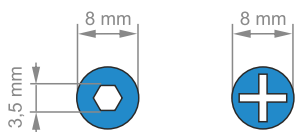
L (mm)	⊙
20	X-01-319-20
25	X-01-319-25
30	X-01-319-30
35	X-01-319-35
40	X-01-319-40
45	X-01-319-45
50	X-01-319-50
55	X-01-319-55
60	X-01-319-60
65	X-01-319-65
70	X-01-319-70
75	X-01-319-75
80	X-01-319-80
85	X-01-319-85
90	X-01-319-90
95	X-01-319-95
100	X-01-319-100
105	X-01-319-105
110	X-01-319-110
115	X-01-319-115
120	X-01-319-120



**WKRĘT DO KOŚCI GĄBCZASTEJ  
samogwintująca  
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



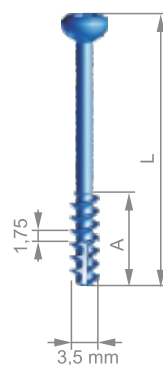
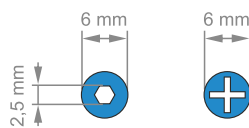
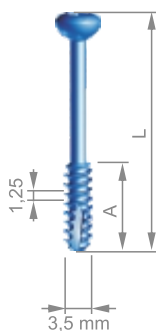
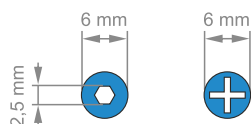
**WKREĆ DO KOŚCI GĄBCZASTEJ**  
samogwintujący  
CANCELLOUS SCREW  
self-tapping  
ø 6,5 x 2,75 mm

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

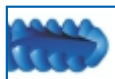


L (mm)	⊖	+
25	X-01-18-25	X-01-19-25
30	X-01-18-30	X-01-19-30
35	X-01-18-35	X-01-19-35
40	X-01-18-40	X-01-19-40
45	X-01-18-45	X-01-19-45
50	X-01-18-50	X-01-19-50
55	X-01-18-55	X-01-19-55
60	X-01-18-60	X-01-19-60
65	X-01-18-65	X-01-19-65
70	X-01-18-70	X-01-19-70
75	X-01-18-75	X-01-19-75
80	X-01-18-80	X-01-19-80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

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

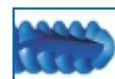


**WKREĆ DO KOŚCI ŁÓDKOWATEJ**  
**samogwintujący**  
**NAVICULAR SCREW**  
**self-tapping**  
**ø 3,5 x 1,25 mm**

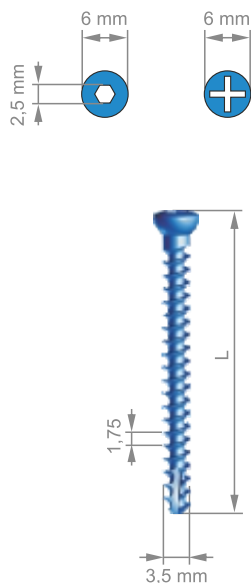


L (mm)	A (mm)	⊖	+
8	4	X-01-06-08	X-01-07-08
10	5	X-01-06-10	X-01-07-10
12	6	X-01-06-12	X-01-07-12
14	6	X-01-06-14	X-01-07-14
16	6	X-01-06-16	X-01-07-16
18	8	X-01-06-18	X-01-07-18
20	8	X-01-06-20	X-01-07-20
22	10	X-01-06-22	X-01-07-22
24	10	X-01-06-24	X-01-07-24
26	10	X-01-06-26	X-01-07-26
28	10	X-01-06-28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

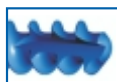
**WKREĆ DO KOŚCI ŁÓDKOWATEJ**  
**LUB GĄBCZASTEJ samogwintujący**  
**NAVICULAR OR CANCELLOUS SCREW**  
**self-tapping**  
**ø 3,5 x 1,75 mm**



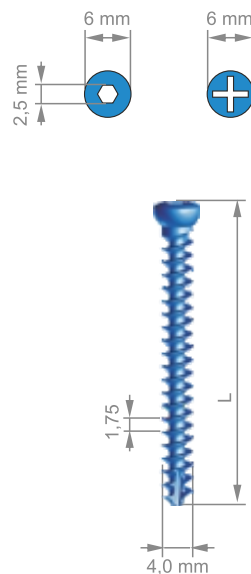
L (mm)	A (mm)	⊖	+
10	5	X-01-09-10	X-01-10-10
12	6	X-01-09-12	X-01-10-12
14	6	X-01-09-14	X-01-10-14
16	6	X-01-09-16	X-01-10-16
18	8	X-01-09-18	X-01-10-18
20	8	X-01-09-20	X-01-10-20
22	10	X-01-09-22	X-01-10-22
24	10	X-01-09-24	X-01-10-24
26	10	X-01-09-26	X-01-10-26
28	10	X-01-09-28	X-01-10-28
30	12	X-01-09-30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



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



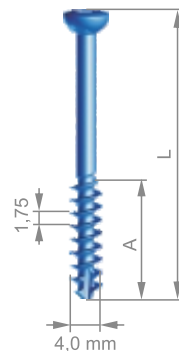
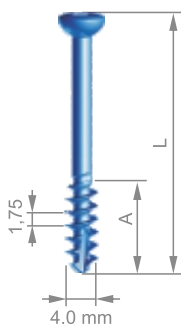
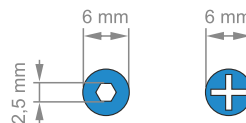
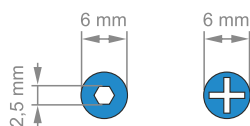
L (mm)	⊙	⊕
10	X-01-24-10	X-01-25-10
12	X-01-24-12	X-01-25-12
14	X-01-24-14	X-01-25-14
16	X-01-24-16	X-01-25-16
18	X-01-24-18	X-01-25-18
20	X-01-24-20	X-01-25-20
22	X-01-24-22	X-01-25-22
24	X-01-24-24	X-01-25-24
26	X-01-24-26	X-01-25-26
28	X-01-24-28	X-01-25-28
30	X-01-24-30	X-01-25-30
32	X-01-24-32	X-01-25-32
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



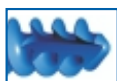
**WKREĆ DO KOŚCI ŁÓDKOWATEJ  
samogwintujący  
NAVICULAR SCREW  
self-tapping  
ø 4,0 x 1,75 mm**



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



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

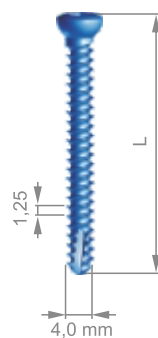
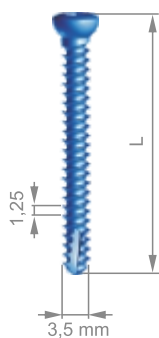
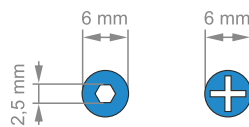
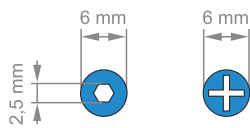


L (mm)	A (mm)	⊖	+
10	7	X-01-29-10	X-01-38-10
12	7	X-01-29-12	X-01-38-12
14	7	X-01-29-14	X-01-38-14
16	7	X-01-29-16	X-01-38-16
28	12	X-01-29-28	X-01-38-28
30	12	X-01-29-30	X-01-38-30
32	12	X-01-29-32	X-01-38-32
34	12	X-01-29-34	X-01-38-34
36	12	X-01-29-36	X-01-38-36
38	12	X-01-29-38	X-01-38-38
40	12	X-01-29-40	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

**WKREĆ 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



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

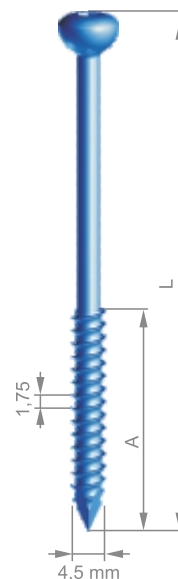
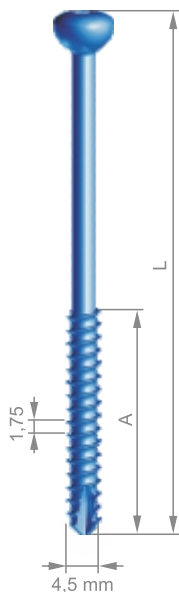
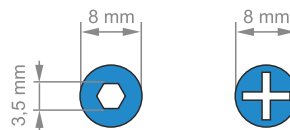
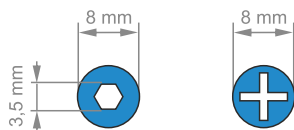
**WKREŃ SHERMANA**  
**SHERMAN'S SCREW**  
**ø 4,0 x 1,25 mm**



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



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

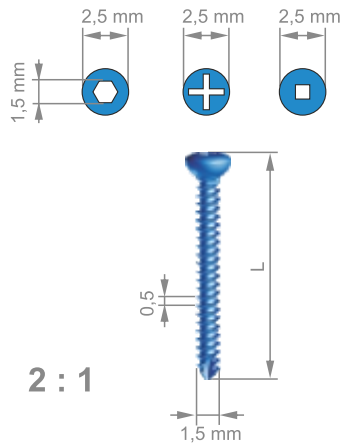


L (mm)	A (mm)	⊙	⊕
20	10	X-01-32-20	X-01-35-20
25	12	X-01-32-25	X-01-35-25
30	15	X-01-32-30	X-01-35-30
35	17	X-01-32-35	X-01-35-35
40	20	X-01-32-40	X-01-35-40
45	22	X-01-32-45	X-01-35-45
50	25	X-01-32-50	X-01-35-50
55	27	X-01-32-55	X-01-35-55
60	29	X-01-32-60	X-01-35-60
65	31	X-01-32-65	X-01-35-65
70	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

**WKRĘT 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

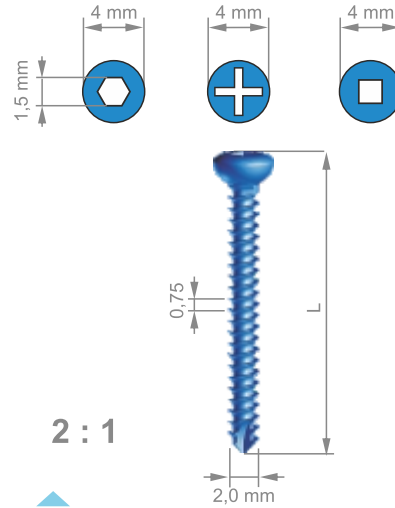


**2 : 1**

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



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

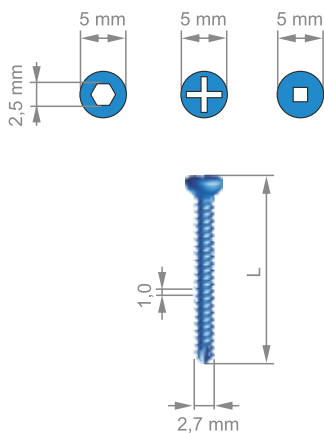


**2 : 1**

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



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

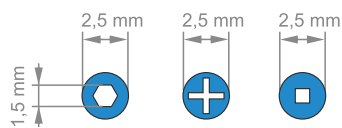


**WKREĆ DO KOŚCI DROBNYCH  
samogwintujący**  
SCREW FOR SMALL BONE FRAGMENTS  
self-tapping  
ø 2,7 x 1,0 mm

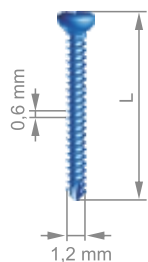


L (mm)	⊙	+	⊠
6	X-01-48-06	X-01-49-06	X-01-50-06
8	X-01-48-08	X-01-49-08	X-01-50-08
10	X-01-48-10	X-01-49-10	X-01-50-10
12	X-01-48-12	X-01-49-12	X-01-50-12
14	X-01-48-14	X-01-49-14	X-01-50-14
16	X-01-48-16	X-01-49-16	X-01-50-16
18	X-01-48-18	X-01-49-18	X-01-50-18
20	X-01-48-20	X-01-49-20	X-01-50-20
22	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

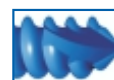




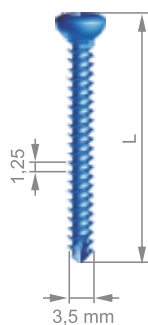
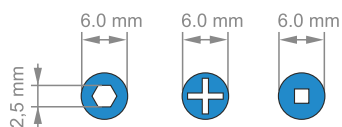
**2 : 1**



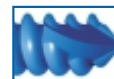
**WKRĘT DO KOŚCI DROBNYCH  
samogwintujący  
SCREW FOR SMALL BONE FRAGMENTS  
self-tapping  
ø 1,2 x 0,6 mm**



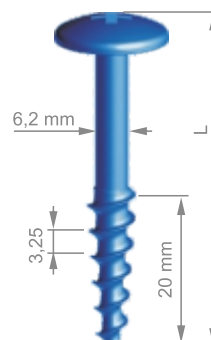
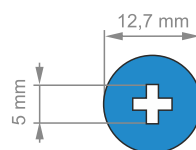
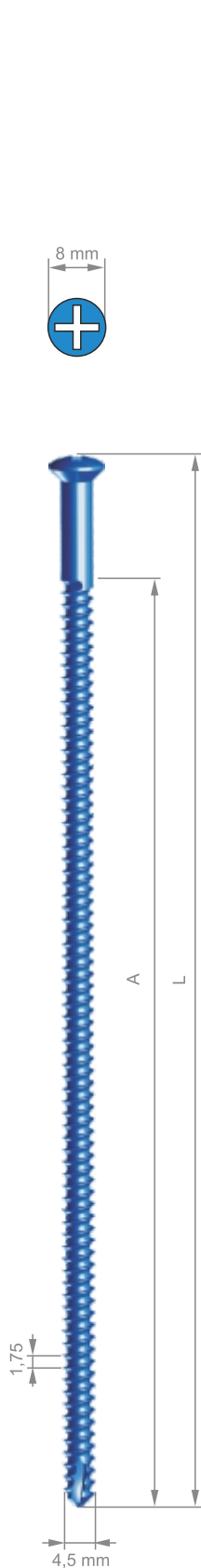
L (mm)	⊙	⊕	⊖
4	X-01-93-04	X-01-94-04	X-01-95-04
5	X-01-93-05	X-01-94-05	X-01-95-05
6	X-01-93-06	X-01-94-06	X-01-95-06
7	X-01-93-07	X-01-94-07	X-01-95-07
8	X-01-93-08	X-01-94-08	X-01-95-08
9	X-01-93-09	X-01-94-09	X-01-95-09
10	X-01-93-10	X-01-94-10	X-01-95-10



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



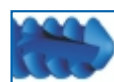
L (mm)	⊙	⊕	⊖	L (mm)	⊙	⊕	⊖
8	X-01-51-08	X-01-52-08	X-01-53-08	40	X-01-51-40	X-01-52-40	X-01-53-40
10	X-01-51-10	X-01-52-10	X-01-53-10	42	X-01-51-42	X-01-52-42	X-01-53-42
12	X-01-51-12	X-01-52-12	X-01-53-12	44	X-01-51-44	X-01-52-44	X-01-53-44
14	X-01-51-14	X-01-52-14	X-01-53-14	46	X-01-51-46	X-01-52-46	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



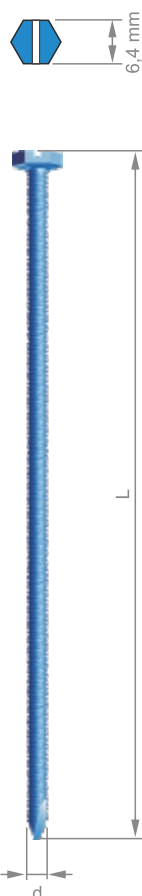
**WKREĆ DOCISKOWY BOSWORTH  
BOSWORTH CLAMP SCREW  
ø 6,2 x 3,25 mm**

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**

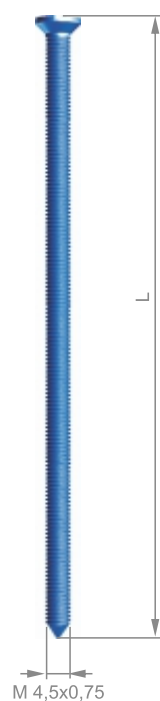
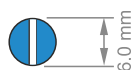


L (mm)	A (mm)	+
102	82	X-01-54-01
127	107	X-01-54-02
152	132	X-01-54-03



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)	⌀
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  $\varnothing$  11  
1 szt./kpl  
X-01-60-00/1



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

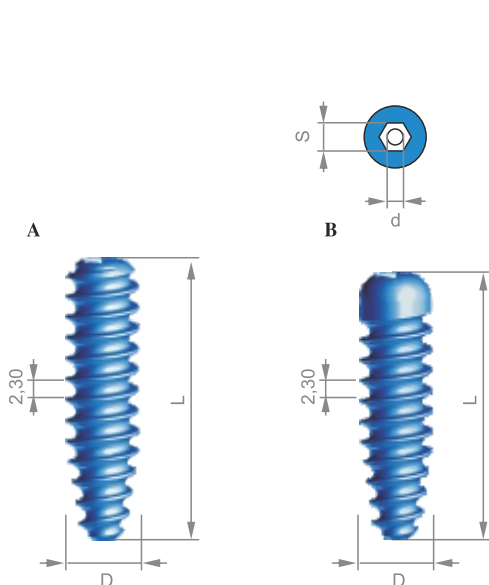


NAKRĘTKA BLOKUJĄCA 1szt./kpl.



PODKŁADKA  $\varnothing$  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



**WKREŃ KOLANOWY INTERFERENCYJNY**  
INTERFERENCE KNEE SCREW

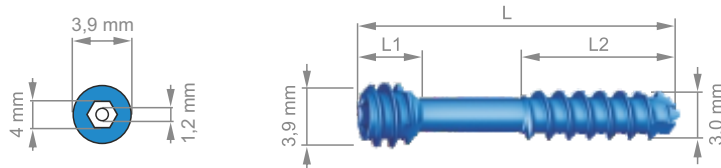


**PODKŁADKA**  
WASHER  
X-01-61-12



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

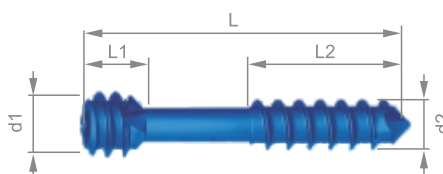
D (mm)	L (mm)	Ø drutu prowadzącego d (mm)	S (mm)	TWARDE / HARD		MIĘKKIE / SOFT	
				A	B	A	B
6	20	1,2	2,5	X-01-61-01/20	X-01-64-01/20	X-01-62-01/20	X-01-63-01/20
6	25	1,2	2,5	X-01-61-01/25	X-01-64-01/25	X-01-62-01/25	X-01-63-01/25
6	30	1,2	2,5	X-01-61-01/30	X-01-64-01/30	X-01-62-01/30	X-01-63-01/30
6	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 ø 3,9 mm**

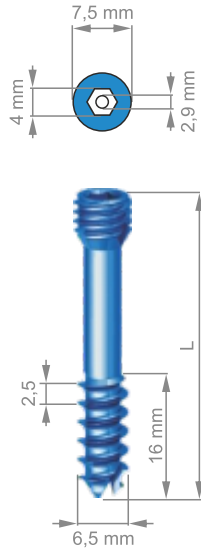
L (mm)	L1 (mm)	L2 (mm)	Nr kat.
12	3,5	4	X-01-74-12
14	3,5	6	X-01-74-14
16	3,5	8	X-01-74-16
18	4	9	X-01-74-18
20	4	10	X-01-74-20
22	4	11	X-01-74-22
24	4	12	X-01-74-24
26	4	13	X-01-74-26
28	4	14	X-01-74-28
30	4	15	X-01-74-30



**WKREŃ KOMPRESYJNY LITY  
SOLID COMPRESSION SCREW**

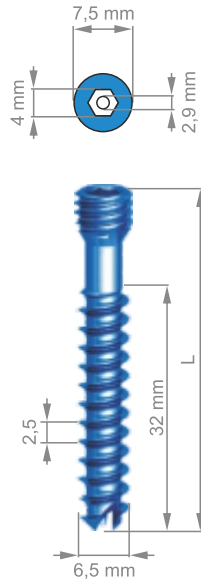
L (mm)	L1 (mm)	L2 (mm)	d1=3,2mm d2=2,5mm	d1=3,9mm d2=3,0mm
12	3,5	4	X-01-75-12	X-01-76-12
14	3,5	6	X-01-75-14	X-01-76-14
16	3,5	8	X-01-75-16	X-01-76-16
18	4	9	X-01-75-18	X-01-76-18
20	4	10	X-01-75-20	X-01-76-20
22	4	11	X-01-75-22	X-01-76-22
24	4	12	X-01-75-24	X-01-76-24
26	4	13	X-01-75-26	X-01-76-26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

**WKREŃ 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		

**WKREŃ KOMPRESYJNY  
KANIULOWANY  
COMPRESSION  
CANNULATED SCREW**

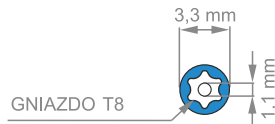


L (mm)	⊙	L (mm)	⊙
45	X-01-265-45	100	X-01-265-100
50	X-01-265-50	105	X-01-265-105
55	X-01-265-55	110	X-01-265-110
60	X-01-265-60	115	X-01-265-115
65	X-01-265-65	120	X-01-265-120
70	X-01-265-70	125	X-01-265-125
75	X-01-265-75	130	X-01-265-130
80	X-01-265-80	135	X-01-265-135
85	X-01-265-85	140	X-01-265-140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

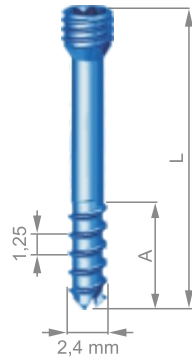
**WKREŃ KOMPRESYJNY  
KANIULOWANY  
COMPRESSION  
CANNULATED SCREW**



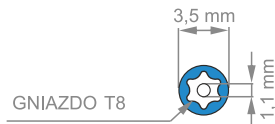
L (mm)	A (mm)	⊙	L (mm)	A (mm)	⊙
9	4	X-01-271-09	23	4	X-01-271-23
10	4	X-01-271-10	24	5	X-01-271-24
11	4	X-01-271-11	25	5	X-01-271-25
12	4	X-01-271-12	26	5	X-01-271-26
13	4	X-01-271-13	27	6	X-01-271-27
14	4	X-01-271-14	28	6	X-01-271-28
15	4	X-01-271-15	29	6	X-01-271-29
16	4	X-01-271-16	30	7	X-01-271-30
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			



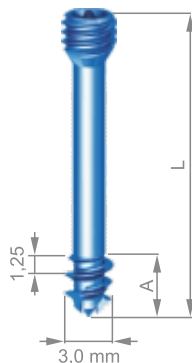
**WKREĆ KOMPRESYJNY  
KANIULOWANY  
COMPRESSION  
CANNULATED SCREW**



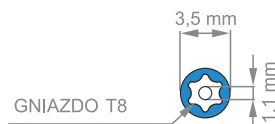
L (mm)	A (mm)	☼	L (mm)	A (mm)	☼
14	5	X-01-272-14	26	10	X-01-272-26
16	5	X-01-272-16	27	10	X-01-272-27
17	6	X-01-272-17	28	10	X-01-272-28
18	6	X-01-272-18	29	10	X-01-272-29
19	7	X-01-272-19	30	12	X-01-272-30
20	7	X-01-272-20	32	12	X-01-272-32
21	8	X-01-272-21	34	14	X-01-272-34
22	8	X-01-272-22	36	14	X-01-272-36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



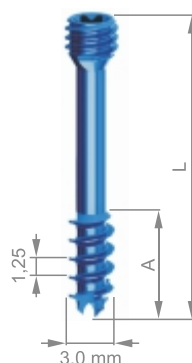
**WKREĆ KOMPRESYJNY  
KANIULOWANY  
COMPRESSION  
CANNULATED SCREW**



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

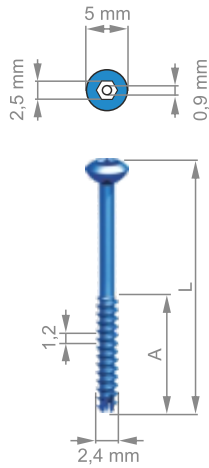


**WKREĆ KOMPRESYJNY  
COMPRESSION SCREW**

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



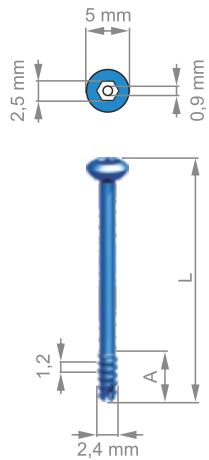
**WKRĘT KANIULOWANY samowierzący  
CANNULATED SCREW self-drilling**



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



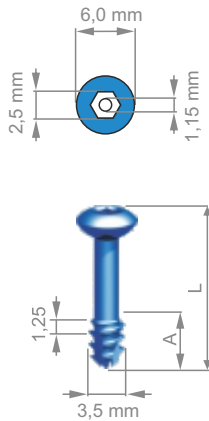
**WKRĘT KANIULOWANY samowierzący  
CANNULATED SCREW self-drilling**



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-



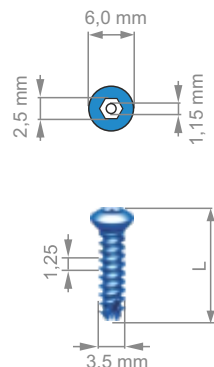
**WKRĘT KANIULOWANY samowierzący  
CANNULATED SCREW self-drilling**



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



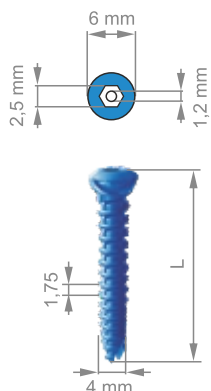
**WKRĘT KANIULOWANY samowierzący  
CANNULATED SCREW self-drilling**



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

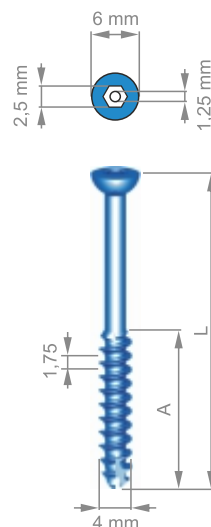


**WKREŃ KANIULOWANY  
samowierzący  
CANNULATED SCREW  
self-drilling**



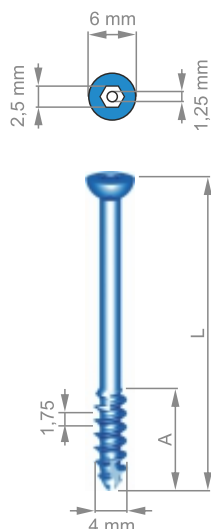
L (mm)	⊙	L (mm)	⊙
30	X-01-326-30	46	X-01-326-52
32	X-01-326-32	48	X-01-326-54
34	X-01-326-34	50	X-01-326-56
36	X-01-326-36	52	X-01-326-58
38	X-01-326-38	54	X-01-326-60
40	X-01-326-40	56	X-01-326-62
42	X-01-326-42	58	X-01-326-64
44	X-01-326-44	60	X-01-326-66

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



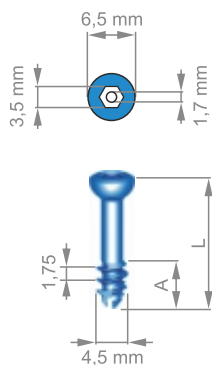
L (mm)	A (mm)	⊙	L (mm)	A (mm)	⊙
16	8	X-01-232-16	46	23	X-01-232-46
18	9	X-01-232-18	48	24	X-01-232-48
20	10	X-01-232-20	50	25	X-01-232-50
22	11	X-01-232-22	52	26	X-01-232-52
24	12	X-01-232-24	54	27	X-01-232-54
26	13	X-01-232-26	56	28	X-01-232-56
28	14	X-01-232-28	58	29	X-01-232-58
30	15	X-01-232-30	60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

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



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

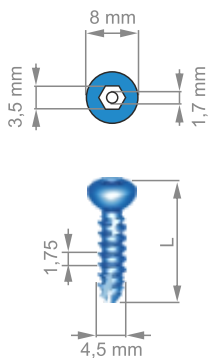
**WKREŃ KANIULOWANY  
samowierzący  
CANNULATED SCREW  
self-drilling**



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



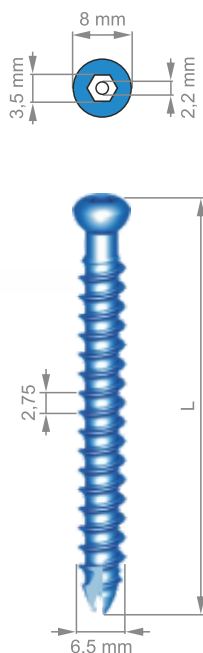
**WKREŃ KANIULOWANY  
samowierzący  
CANNULATED SCREW  
self-drilling**



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



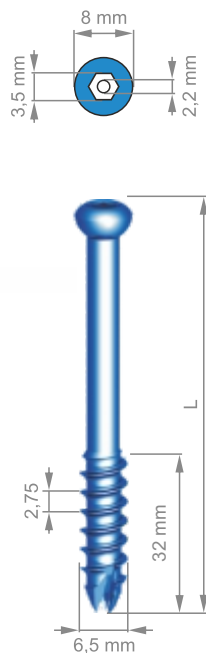
**WKREŃ KANIULOWANY  
samowierzący  
CANNULATED SCREW  
self-drilling**



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

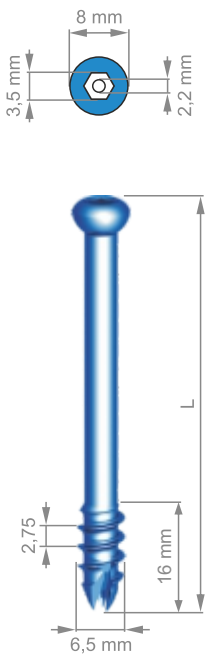


**WKRĘT KANIULOWANY samowierzący**  
**CANNULATED SCREW self-drilling**



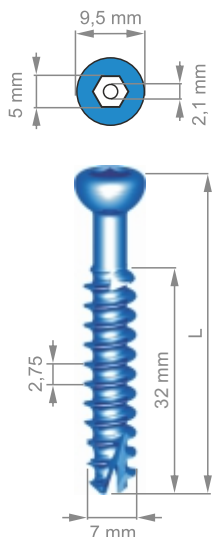
L (mm)	○	L (mm)	○
45	X-01-236-45	95	X-01-236-95
50	X-01-236-50	100	X-01-236-100
55	X-01-236-55	105	X-01-236-105
60	X-01-236-60	110	X-01-236-110
65	X-01-236-65	115	X-01-236-115
70	X-01-236-70	120	X-01-236-120
75	X-01-236-75	125	X-01-236-125
80	X-01-236-80	130	X-01-236-130
85	X-01-236-85	135	X-01-236-135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

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



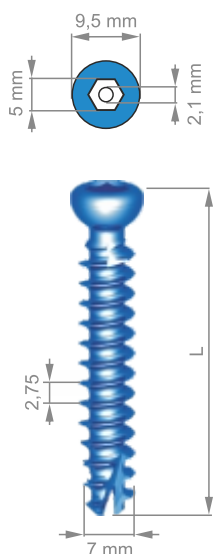
L (mm)	○	L (mm)	○
30	X-01-237-30	90	X-01-237-90
35	X-01-237-35	95	X-01-237-95
40	X-01-237-40	100	X-01-237-100
45	X-01-237-45	105	X-01-237-105
50	X-01-237-50	110	X-01-237-110
55	X-01-237-55	115	X-01-237-115
60	X-01-237-60	120	X-01-237-120
65	X-01-237-65	125	X-01-237-125
70	X-01-237-70	130	X-01-237-130
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 samowierzący**  
**CANNULATED SCREW self-drilling**



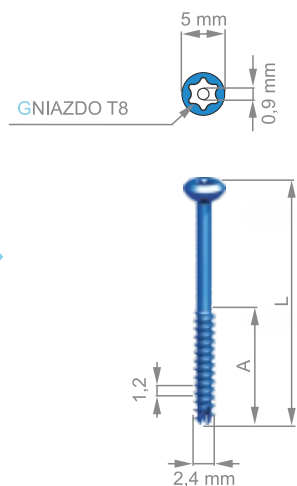
L (mm)	○	L (mm)	○
45	X-01-269-45	100	X-01-269-100
50	X-01-269-50	105	X-01-269-105
55	X-01-269-55	110	X-01-269-110
60	X-01-269-60	115	X-01-269-115
65	X-01-269-65	120	X-01-269-120
70	X-01-269-70	125	X-01-269-125
75	X-01-269-75	130	X-01-269-130
80	X-01-269-80	135	X-01-269-135
85	X-01-269-85	140	X-01-269-140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

**WKREŃ KANIULOWANY  
samowierzący  
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		

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

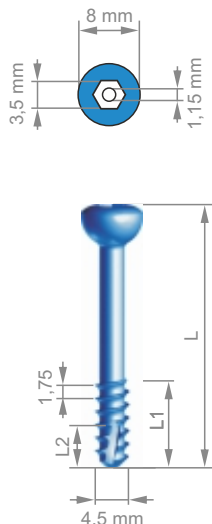


L (mm)	A (mm)	⊙	L (mm)	A (mm)	⊙
10	4	X-01-283-10	18	8	X-01-283-18
11	5	X-01-283-11	19	9	X-01-283-19
12	5	X-01-283-12	20	9	X-01-283-20
13	6	X-01-283-13	22	10	X-01-283-22
14	6	X-01-283-14	24	10	X-01-283-24
15	7	X-01-283-15	26	12	X-01-283-26
16	7	X-01-283-16	28	12	X-01-283-28
17	8	X-01-283-17	30	14	X-01-283-30

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

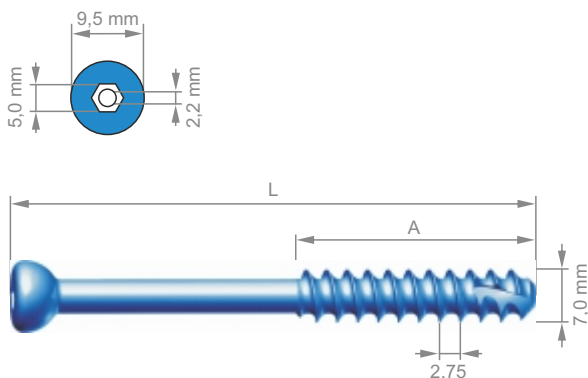


L (mm)	A (mm)	⊙	L (mm)	A (mm)	⊙
17	5	X-01-284-17	24	6	X-01-284-24
18	5	X-01-284-18	26	6	X-01-284-26
19	5	X-01-284-19	28	6	X-01-284-28
20	5	X-01-284-20	30	6	X-01-284-30
22	5	X-01-284-22			



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

L (mm)	L1 (mm)	L2 (mm)	⊙	L (mm)	L1 (mm)	⊙	L (mm)	L1 (mm)	⊙
10	-	3	X-01-90-10	55	12	X-01-90-12.55	40	20	X-01-90-20.40
12	-	4	X-01-90-12	60	12	X-01-90-12.60	45	22	X-01-90-22.45
14	-	5	X-01-90-14	65	12	X-01-90-12.65	50	24	X-01-90-24.50
16	-	5	X-01-90-16	70	12	X-01-90-12.70	55	26	X-01-90-26.55
18	11	6	X-01-90-11.18	75	12	X-01-90-12.75	60	30	X-01-90-30.60
20	12	6	X-01-90-12.20	80	12	X-01-90-12.80	65	30	X-01-90-30.65
22	12	6	X-01-90-12.22	30	15	X-01-90-15.30	70	32	X-01-90-32.70
24	12	6	X-01-90-12.24	50	16	X-01-90-16.50	75	32	X-01-90-32.75
25	12	6	X-01-90-12.25	55	16	X-01-90-16.55	80	32	X-01-90-32.80
26	12	6	X-01-90-12.26	60	16	X-01-90-16.60	85	32	X-01-90-32.85
28	12	6	X-01-90-12.28	65	16	X-01-90-16.65	90	32	X-01-90-32.90
30	12	6	X-01-90-12.30	70	16	X-01-90-16.70	95	32	X-01-90-32.85
35	12	6	X-01-90-12.35	75	16	X-01-90-16.75	100	32	X-01-90-32.100
36	12	6	X-01-90-12.36	80	16	X-01-90-16.80	105	32	X-01-90-32.105
40	12	6	X-01-90-12.40	85	16	X-01-90-16.85	110	32	X-01-90-32.110
42	12	6	X-01-90-12.42	90	16	X-01-90-16.90	-	-	-
45	12	6	X-01-90-12.45	95	16	X-01-90-16.95	-	-	-
46	12	6	X-01-90-12.46	100	16	X-01-90-16.100	-	-	-
50	12	6	X-01-90-12.50	35	18	X-01-90-18.35	-	-	-



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

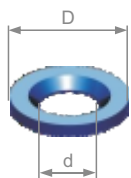
L (mm)	A (mm)	⊙	L (mm)	A (mm)	⊙
30	16	X-01-92-16.30	140	16	X-01-92-16.140
35	16	X-01-92-16.35	40	32	X-01-92-32.40
40	16	X-01-92-16.40	45	32	X-01-92-32.45
45	16	X-01-92-16.45	50	32	X-01-92-32.50
50	16	X-01-92-16.50	55	32	X-01-92-32.55
55	16	X-01-92-16.55	60	32	X-01-92-32.60
60	16	X-01-92-16.60	65	32	X-01-92-32.65
65	16	X-01-92-16.65	70	32	X-01-92-32.70
70	16	X-01-92-16.70	75	32	X-01-92-32.75
75	16	X-01-92-16.75	80	32	X-01-92-32.80
80	16	X-01-92-16.80	85	32	X-01-92-32.85
85	16	X-01-92-16.85	90	32	X-01-92-32.90
90	16	X-01-92-16.90	95	32	X-01-92-32.95
95	16	X-01-92-16.95	100	32	X-01-92-32.100
100	16	X-01-92-16.100	105	32	X-01-92-32.105
105	16	X-01-92-16.105	110	32	X-01-92-32.110
110	16	X-01-92-16.110	115	32	X-01-92-32.115
115	16	X-01-92-16.115	120	32	X-01-92-32.120
120	16	X-01-92-16.120	125	32	X-01-92-32.125
125	16	X-01-92-16.125	130	32	X-01-92-32.130
130	16	X-01-92-16.130	35	22	X-01-92-22.35
135	16	X-01-92-16.135	40	27	X-01-92-27.40



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



L (mm)	A (mm)	⊙
25	16	X-01-91-16.25
30	16	X-01-91-16.30
35	16	X-01-91-16.35
40	16	X-01-91-16.40
45	16	X-01-91-16.45
50	16	X-01-91-16.50
55	16	X-01-91-16.55
60	16	X-01-91-16.60
65	16	X-01-91-16.65
70	16	X-01-91-16.70
40	32	X-01-91-32.40
45	32	X-01-91-32.45
50	32	X-01-91-32.50
55	32	X-01-91-32.55
60	32	X-01-91-32.60
65	32	X-01-91-32.65
70	32	X-01-91-32.70
75	32	X-01-91-32.75
80	32	X-01-91-32.80
85	32	X-01-91-32.85



**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**

X-01-292-01



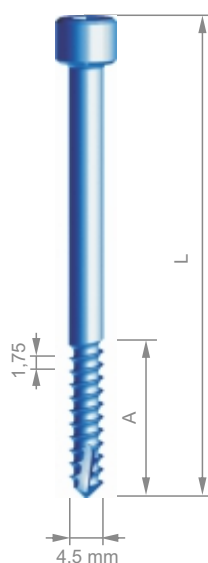
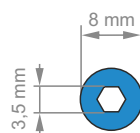
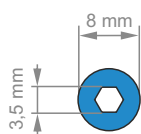
**PODKŁADKA  
WASHER**

X-01-290-01



**PODKŁADKA  
WASHER**

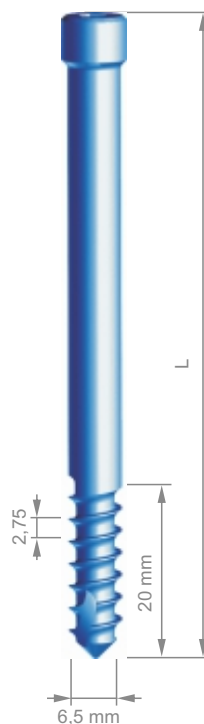
X-01-291-01



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



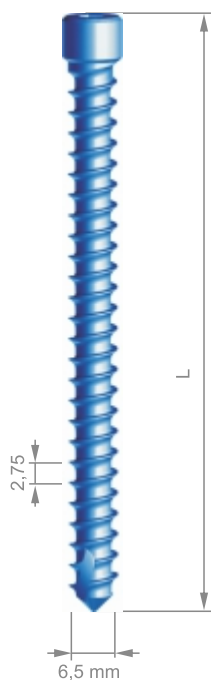
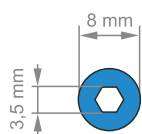
L (mm)	A (mm)	○	L (mm)	A (mm)	○
26	12	X-01-81-26	64	20	X-01-81-64
28	12	X-01-81-28	66	20	X-01-81-66
30	12	X-01-81-30	68	20	X-01-81-68
32	12	X-01-81-32	70	20	X-01-81-70
34	12	X-01-81-34	72	20	X-01-81-72
36	16	X-01-81-36	74	20	X-01-81-74
38	16	X-01-81-38	76	20	X-01-81-76
40	16	X-01-81-40	78	20	X-01-81-78
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**



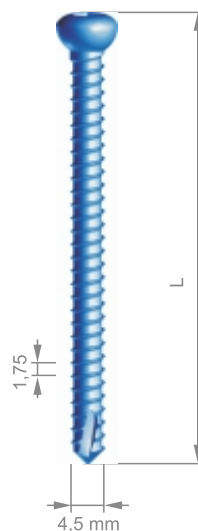
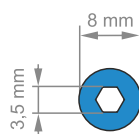
L (mm)	○
40	X-01-84-40
45	X-01-84-45
50	X-01-84-50
55	X-01-84-55
60	X-01-84-60
65	X-01-84-65
70	X-01-84-70
75	X-01-84-75
80	X-01-84-80
85	X-01-84-85
90	X-01-84-90
95	X-01-84-95
100	X-01-84-100
105	X-01-84-105
110	X-01-84-110
115	X-01-84-115
120	X-01-84-120
125	X-01-84-125
130	X-01-84-130
135	X-01-84-135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



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



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

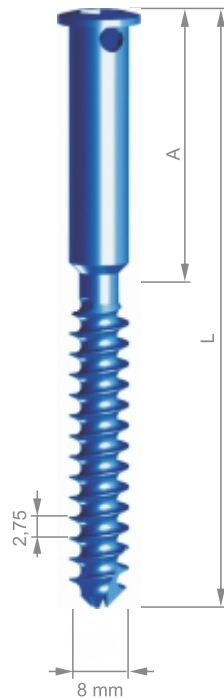
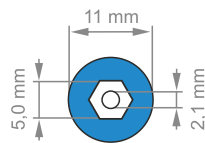


**WKREŃ BLOKUJĄCY  
samogwintujący  
LOCKING SCREW  
self-tapping  
ø 4,5 mm**



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

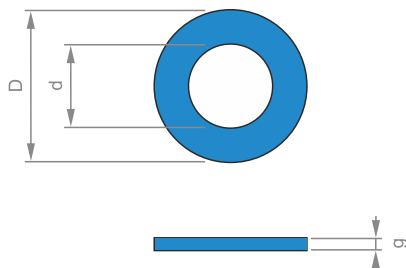




**ŚRUBA GARDENA**  
**samogwintująca - samowiercząca**  
**GARDEN'S SCREW**  
**self-tapping - self-drilling**  
**ø 8,0 mm**



L (mm)	A (mm)	○
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

**PŁYTKI KOSTNE PROSTE**  
STRAIGHT BONE PLATES



**DOSTĘPNE ODMIANY PŁYTEK / AVAILABLE TYPES OF PLATES**

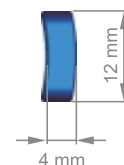
Pierwszy człon numeru katalogowego First part of REF No.	Odmiany płytek / Types of plates
1	tytan / titanium
4	stal implantacyjna / stainless steel
5	stal implantacyjna + DLC / stainless steel + DLC
11	tytan + DLC / titanium + DLC
21	tytan lity pokryty Si-DLC / titanium + Si-DLC
24	stal pokryta Si-DLC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

**PRZYKŁAD / EXAMPLE**

X-zz-zzz-zz

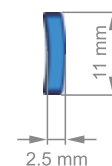
X = 1,4,5,11,21,24

z = numeracja / number



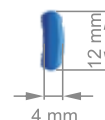
**PŁYTKA WĄSKA, GRUBA**  
NARROW PLATE, THICK  
**4 x 12 mm**  
wkrety / screws:  $\varnothing$  4,5 mm

L (mm)	otwory holes	Nr kat.	L (mm)	otwory holes	Nr kat.
39	2	X-02-01-02	183	11	X-02-01-11
55	3	X-02-01-03	199	12	X-02-01-12
71	4	X-02-01-04	215	13	X-02-01-13
87	5	X-02-01-05	231	14	X-02-01-14
103	6	X-02-01-06	247	15	X-02-01-15
119	7	X-02-01-07	263	16	X-02-01-16
135	8	X-02-01-08	279	17	X-02-01-17
151	9	X-02-01-09	295	18	X-02-01-18
167	10	X-02-01-10			



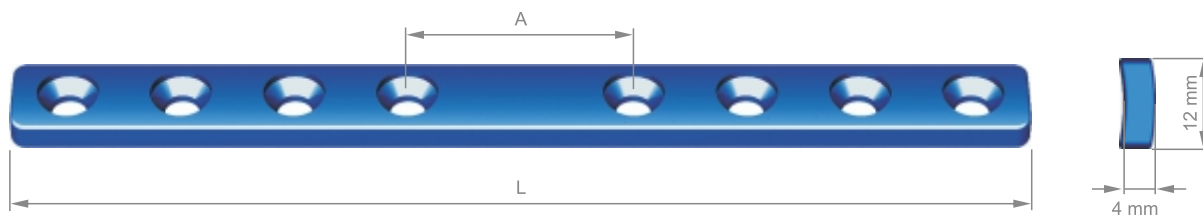
**PŁYTKA WĄSKA, CIENKA**  
NARROW PLATE, THIN  
**2,5 x 11 mm**  
wkrety / screws:  $\varnothing$  4,5 mm

L (mm)	otwory holes	Nr kat.	L (mm)	otwory holes	Nr kat.
39	2	X-02-02-02	167	10	X-02-02-10
55	3	X-02-02-03	183	11	X-02-02-11
71	4	X-02-02-04	199	12	X-02-02-12
87	5	X-02-02-05	215	13	X-02-02-13
103	6	X-02-02-06	231	14	X-02-02-14
119	7	X-02-02-07	247	15	X-02-02-15
135	8	X-02-02-08	263	16	X-02-02-16
151	9	X-02-02-09	295	18	X-02-02-18



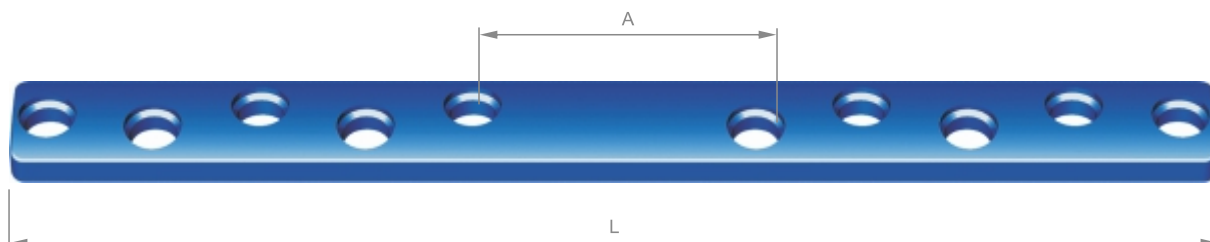
**PŁYTKA WĄSKA, GRUBA**  
z ograniczonym kontaktem  
NARROW PLATE, THICK  
WITH LIMITED CONTACT  
**4 x 12 mm**  
wkrety korowe / Cortical screws:  $\varnothing$  4,7 ; 6,5 mm  
wkrety gąbczaste / Cancellous screws:  $\varnothing$  4,0 ; 6,5 mm

L (mm)	otwory holes	Nr kat. Ref. no.
70	4	X-02-70- 04
140	8	X-02-70- 08
160	9	X-02-70- 09
180	10	X-02-70- 10
195	11	X-02-70- 11
215	12	X-02-70- 12
235	14	X-02-70- 14
265	16	X-02-70- 16

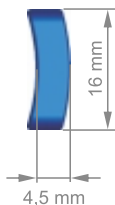


**PLYTKA WĄSKA, GRUBA - 8 otworów**  
NARROW PLATE, THICK - 8 holes  
**4 x 12 mm**  
wkrety / screws:  $\varnothing$  4,5 mm

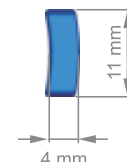
L (mm)	A (mm)	Nr kat.	L (mm)	A (mm)	Nr kat.
135	30	X-02-71-30	175	70	X-02-71-70
145	40	X-02-71-40	185	80	X-02-71-80
155	50	X-02-71-50	195	90	X-02-71-90
165	60	X-02-71-60			



**PLYTKA SZEROKA, GRUBA - 10 otworów**  
WIDE PLATE, THICK - 10 holes  
**4,5 x 16 mm**  
wkrety / screws:  $\varnothing$  4,5 mm

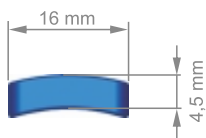


L (mm)	A (mm)	Nr kat.	L (mm)	A (mm)	Nr kat.
170	40	X-02-72-40	220	90	X-02-72-90
180	50	X-02-72-50	230	100	X-02-72-100
190	60	X-02-72-60	240	110	X-02-72-110
200	70	X-02-72-70	250	120	X-02-72-120
210	80	X-02-72-80			



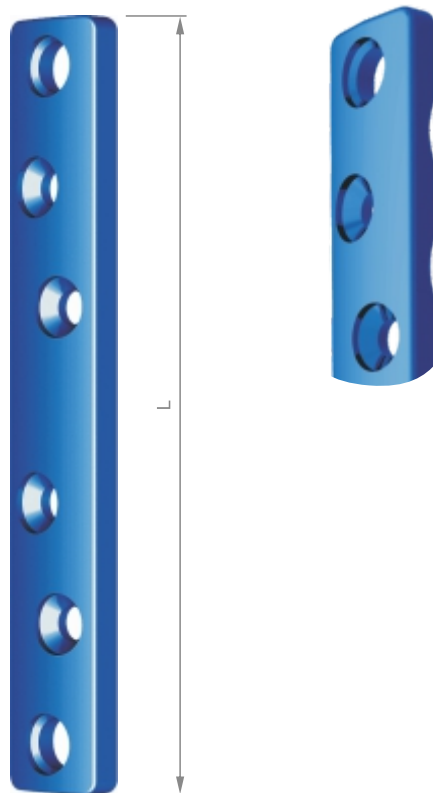
**PLYTKA WĄSKA, GRUBA**  
NARROW PLATE, THICK  
**4 x 11 mm**  
wkrety / screws:  $\varnothing$  4,5/ $\varnothing$  6,5 mm

L (mm)	otwory holes	Nr kat.	L (mm)	otwory holes	Nr kat.
39	2	X-02-04-02	167	10	X-02-04-10
55	3	X-02-04-03	183	11	X-02-04-11
71	4	X-02-04-04	199	12	X-02-04-12
87	5	X-02-04-05	215	13	X-02-04-13
103	6	X-02-04-06	231	14	X-02-04-14
119	7	X-02-04-07	247	15	X-02-04-15
135	8	X-02-04-08	263	16	X-02-04-16
151	9	X-02-04-09	295	18	X-02-04-18



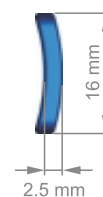
**PŁYTKA SZEROKA, GRUBA**  
WIDE PLATE, THICK  
**4,5 x 16 mm**  
wkręty / screws:  $\varnothing$  4,5/ $\varnothing$  6,5 mm

L (mm)	otwory holes	Nr kat.
71	4	X-02-05-04
87	5	X-02-05-05
103	6	X-02-05-06
119	7	X-02-05-07
135	8	X-02-05-08
151	9	X-02-05-09
167	10	X-02-05-10
183	11	X-02-05-11
199	12	X-02-05-12
215	13	X-02-05-13
231	14	X-02-05-14
247	15	X-02-05-15
263	16	X-02-05-16
295	18	X-02-05-18



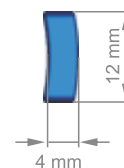
**PŁYTKA SZEROKA, GRUBA z ograniczonym kontaktem**  
WIDE PLATE, THICK WITH LIMITED CONTACT  
**4,5 x 16 mm**  
wkręty / screws:  $\varnothing$  4,5/ $\varnothing$  6,5 mm

L (mm)	otwory holes	Nr kat. Ref. no.
71	4	X-02-179-04
87	5	X-02-179-05
103	6	X-02-179-06
119	7	X-02-179-07
135	8	X-02-179-08
151	9	X-02-179-09
167	10	X-02-179-10
183	11	X-02-179-11
199	12	X-02-179-12
215	13	X-02-179-13
231	14	X-02-179-14
247	15	X-02-179-15
263	16	X-02-179-16
295	18	X-02-179-18



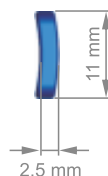
**PŁYTKA SZEROKA, CIENKA**  
WIDE PLATE, THIN  
**2,5 x 16 mm**  
wkręty / screws:  $\varnothing$  4,5

L (mm)	otwory holes	Nr kat.	L (mm)	otwory holes	Nr kat.
71	4	X-02-07-04	199	12	X-02-07-12
87	5	X-02-07-05	215	13	X-02-07-13
103	6	X-02-07-06	231	14	X-02-07-14
119	7	X-02-07-07	247	15	X-02-07-15
135	8	X-02-07-08	263	16	X-02-07-16
151	9	X-02-07-09	279	17	X-02-07-17
167	10	X-02-07-10	295	18	X-02-07-18
183	11	X-02-07-11			



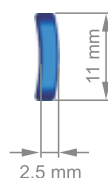
▲  
**PŁYTKA WĄSKA SAMODOCISKOWA, GRUBA**  
AUTOCOMPRESSION NARROW PLATE, THICK  
**4 x 12 mm**  
wkręty / screws: **ø 4,5**

L (mm)	otwory holes	Nr kat.	L (mm)	otwory holes	Nr kat.
39	2	X-02-08-02	183	11	X-02-08-11
55	3	X-02-08-03	199	12	X-02-08-12
71	4	X-02-08-04	215	13	X-02-08-13
67	5	X-02-08-05	231	14	X-02-08-14
103	6	X-02-08-06	247	15	X-02-08-15
119	7	X-02-08-07	263	16	X-02-08-16
135	8	X-02-08-08	279	17	X-02-08-17
151	9	X-02-08-09	295	18	X-02-08-18
167	10	X-02-08-10			



▲  
**PŁYTKA WĄSKA SAMODOCISKOWA, CIENKA**  
AUTOCOMPRESSION NARROW PLATE, THIN  
**2,5 x 11 mm**  
wkręty / screws: **ø 3,5**

L (mm)	otwory holes	Nr kat.
25	2	X-02-10-02
37	3	X-02-10-03
49	4	X-02-10-04
61	5	X-02-10-05
73	6	X-02-10-06
77	6	X-02-10-77/06
85	7	X-02-10-07
97	8	X-02-10-08
109	9	X-02-10-09
121	10	X-02-10-10
133	11	X-02-10-11
145	12	X-02-10-12



▲  
**PŁYTKA WĄSKA SAMODOCISKOWA, CIENKA**  
AUTOCOMPRESSION NARROW PLATE, THIN  
**2,5 x 11 mm**  
wkręty / screws: **ø 4,0**

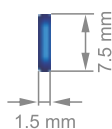
L (mm)	otwory holes	Nr kat.
25	2	X-02-18-2
37	3	X-02-18-3
49	4	X-02-18-4
61	5	X-02-18-5
73	6	X-02-18-6
85	7	X-02-18-7
97	8	X-02-18-8
109	9	X-02-18-9
121	10	X-02-18-10
133	11	X-02-18-11
145	12	X-02-18-12





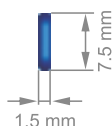
▲  
**PLYTKA WĄSKA SAMODOCISKOWA, GRUBA**  
AUTOCOMPRESSION NARROW PLATE, THICK  
**4 x 11 mm**  
wkręty / screws:  $\varnothing$  4,5/ $\varnothing$  6,5 mm

L (mm)	otwory holes	Nr kat.	L (mm)	otwory holes	Nr kat.
87	5	X-02-17-05	200	12	X-02-17-12
103	6	X-02-17-06	220	13	X-02-17-13
119	7	X-02-17-07	240	14	X-02-17-14
135	8	X-02-17-08	260	15	X-02-17-15
167	10	X-02-17-10	280	16	X-02-17-16



▲  
**PLYTKA DROBNA**  
SMALL PLATE  
**1,5 x 7,5 mm**  
wkręty / screws:  $\varnothing$  2,7

L (mm)	otwory holes	Nr kat.	L (mm)	otwory holes	Nr kat.
16	2	X-02-13-02	64	8	X-02-13-08
24	3	X-02-13-03	72	9	X-02-13-09
32	4	X-02-13-04	80	10	X-02-13-10
40	5	X-02-13-05	88	11	X-02-13-11
48	6	X-02-13-06	96	12	X-02-13-12
56	7	X-02-13-07			



▲  
**PLYTKA DROBNA**  
SMALL PLATE  
**1,5 x 7,5 mm**  
wkręty / screws:  $\varnothing$  3,5

L (mm)	otwory holes	Nr kat.	L (mm)	otwory holes	Nr kat.
16	2	X-02-14-02	63	8	X-02-14-08
23	3	X-02-14-03	71	9	X-02-14-09
31	4	X-02-14-04	79	10	X-02-14-10
39	5	X-02-14-05	87	11	X-02-14-11
47	6	X-02-14-06	95	12	X-02-14-12
55	7	X-02-14-07			



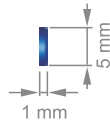
**PŁYTKA DROBNA SAMODOCISKOWA**  
**AUTOCOMPRESSION SMALL PLATE**  
**2,5 x 8 mm**  
**wkręty / screws: ø 2,7 mm**

L (mm)	otwory holes	Nr kat.
20	2	X-02-11-02
28	3	X-02-11-03
36	4	X-02-11-04
44	5	X-02-11-05
52	6	X-02-11-06
60	7	X-02-11-07
68	8	X-02-11-08
76	9	X-02-11-09
84	10	X-02-11-10
92	11	X-02-11-11
100	12	X-02-11-12
116	14	X-02-11-14
132	16	X-02-11-16



**PŁYTKA DROBNA SAMODOCISKOWA**  
**AUTOCOMPRESSION SMALL PLATE**  
**A x 8 mm**  
**wkręty / screws: ø 2,0 mm**

L (mm)	otwory holes	Nr kat.
<b>A = 2,0mm</b>		
20	2	X-02-12-02
28	3	X-02-12-03
36	4	X-02-12-04
44	5	X-02-12-05
52	6	X-02-12-06
60	7	X-02-12-07
68	8	X-02-12-08
76	9	X-02-12-09
84	10	X-02-12-10
92	11	X-02-12-11
100	12	X-02-12-12
116	14	X-02-12-14
132	16	X-02-12-16
<b>A = 2,5mm</b>		
68	8	X-02-48-08
76	9	X-02-48-09
84	10	X-02-48-10
92	11	X-02-48-11
100	12	X-02-48-12

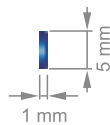


**PŁYTKA DROBNA  
SMALL PLATE**

**1 x 5 mm**

wkręty / screws:  $\varnothing$  2,0 mm

L (mm)	otwory holes	Nr kat.
12	2	X-02-37-02
16	3	X-02-37-03
20	4	X-02-37-04
24	5	X-02-37-05
28	6	X-02-37-06
32	7	X-02-37-07
36	8	X-02-37-08

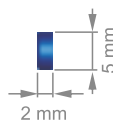


**PŁYTKA DROBNA  
SMALL PLATE**

**1 x 5 mm**

wkręty / screws:  $\varnothing$  2,0 mm

L (mm)	otwory holes	Nr kat.
12	2	X-02-15-02
18	3	X-02-15-03
24	4	X-02-15-04
30	5	X-02-15-05
36	6	X-02-15-06
48	8	X-02-15-08

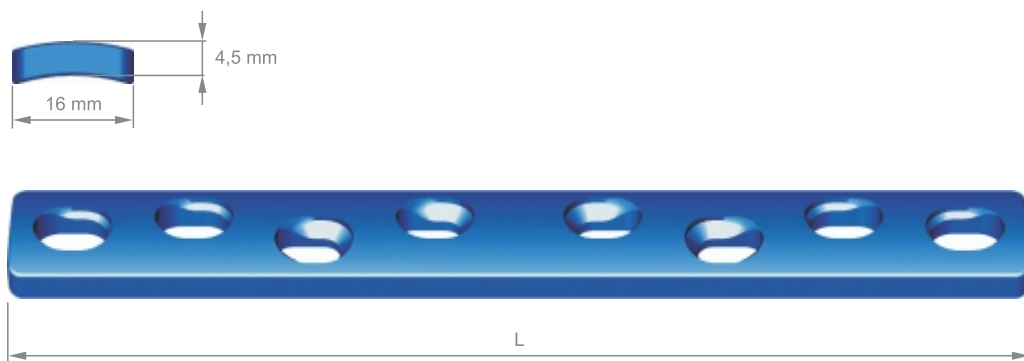


**PŁYTKA DROBNA, GRUBA  
SMALL PLATE, THICK**

**2 x 5 mm**

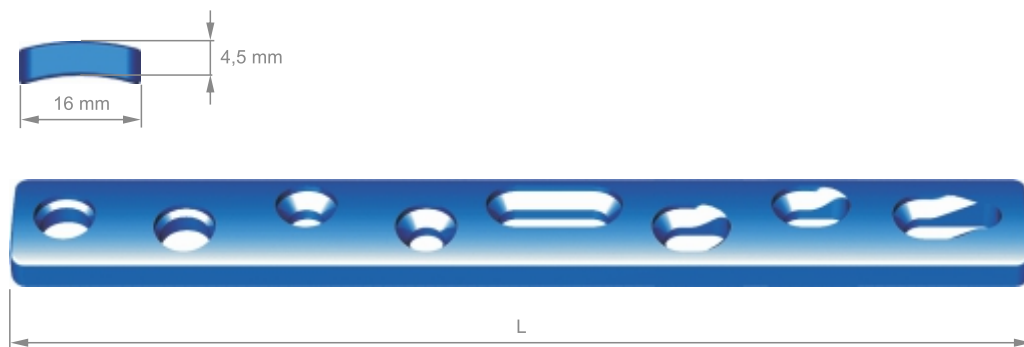
wkręty / screws:  $\varnothing$  2,0 mm

L (mm)	otwory holes	Nr kat.
17	2	X-02-16-02
27	4	X-02-16-04
37	6	X-02-16-06
47	8	X-02-16-08
57	10	X-02-16-10
67	12	X-02-16-12
77	14	X-02-16-14
87	16	X-02-16-16



**PLYTKA SZEROKA SAMODOCISKOWA, GRUBA**  
**AUTOCOMPRESSION WIDE PLATE, THICK**  
**4,5 x 16 mm**  
**wkręty / screws:  $\varnothing$  4,5/ $\varnothing$  6,5 mm**

L (mm)	otwory holes	Nr kat.	L (mm)	otwory holes	Nr kat.
103	6	X-02-19-06	247	15	X-02-19-15
119	7	X-02-19-07	263	16	X-02-19-16
135	8	X-02-19-08	279	17	X-02-19-17
151	9	X-02-19-09	295	18	X-02-19-18
167	10	X-02-19-10	327	20	X-02-19-20
183	11	X-02-19-11	359	22	X-02-19-22
199	12	X-02-19-12	391	24	X-02-19-24
215	13	X-02-19-13	407	25	X-02-19-25
231	14	X-02-19-14	423	26	X-02-19-26



**PLYTKA SZEROKA SAMODOCISKOWA, GRUBA**  
**AUTOCOMPRESSION WIDE PLATE, THICK**  
**4,5 x 16 mm**  
**wkręty / screws:  $\varnothing$  4,5/ $\varnothing$  6,5 mm**

L (mm)	otwory holes	Nr kat.	L (mm)	otwory holes	Nr kat.
103	6	X-02-21-06	199	12	X-02-21-12
109	7	X-02-21-07	231	13	X-02-21-13
135	8	X-02-21-08	252	14	X-02-21-14
151	9	X-02-21-09	273	15	X-02-21-15
167	10	X-02-21-10	294	16	X-02-21-16
183	11	X-02-21-11			



▲  
**PLYTKA 1/2 RURKA**  
**1/2 TUBULAR PLATE**  
**1 x 12 mm**  
wkręty / screws:  $\varnothing$  4,5 mm

L (mm)	otwory holes	Nr kat.
39	2	X-02-23-02
55	3	X-02-23-03
71	4	X-02-23-04
87	5	X-02-23-05
103	6	X-02-23-06
119	7	X-02-23-07
135	8	X-02-23-08
151	9	X-02-23-09
167	10	X-02-23-10
183	11	X-02-23-11
199	12	X-02-23-12



▲  
**PLYTKA 1/3 RURKA**  
**1/3 TUBULAR PLATE**  
**1 x 10 mm**  
wkręty / screws:  $\varnothing$  4,5 mm

L (mm)	otwory holes	Nr kat.
39	2	X-02-24-02
55	3	X-02-24-03
71	4	X-02-24-04
87	5	X-02-24-05
103	6	X-02-24-06
119	7	X-02-24-07
135	8	X-02-24-08
151	9	X-02-24-09
167	10	X-02-24-10
183	11	X-02-24-11
199	12	X-02-24-12



▲  
**PLYTKA 1/2 RURKA**  
**1/2 TUBULAR PLATE**  
**1 x 9 mm**  
wkręty korowe / Cortical screws:  $\varnothing$  2,7 mm

L (mm)	otwory holes	Nr kat. Ref. no.
31	4	X-02-178-04
39	5	X-02-178-05
47	6	X-02-178-06
55	7	X-02-178-07
63	8	X-02-178-08
71	9	X-02-178-09
79	10	X-02-178-10
87	11	X-02-178-11
95	12	X-02-178-12
103	13	X-02-178-13

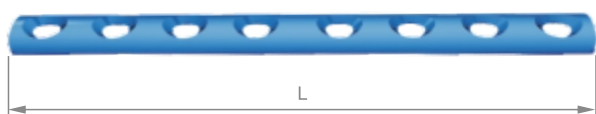


▲  
**PŁYTKA 1/3 RURKA**  
1/3 TUBULAR PLATE

**1 x 9 mm**

wkręty / screws:  $\varnothing$  3,5/ $\varnothing$  4,0 mm

L (mm)	otwory holes	Nr kat.
25	2	X-02-25-02
37	3	X-02-25-03
49	4	X-02-25-04
61	5	X-02-25-05
73	6	X-02-25-06
85	7	X-02-25-07
97	8	X-02-25-08
109	9	X-02-25-09
121	10	X-02-25-10
133	11	X-02-25-11
145	12	X-02-25-12



▲  
**PŁYTKA 1/3 RURKA**  
1/3 TUBULAR PLATE

**1,5 x 10 mm**

wkręty korowe / Cortical screws:  $\varnothing$  3,5 ; 4,0 mm

wkręty gąbczaste / Cancellous screws:  $\varnothing$  4,0 mm

L (mm)	otwory holes	Nr kat. Ref. no.
25	2	X-02-26-02
37	3	X-02-26-03
49	4	X-02-26-04
61	5	X-02-26-05
73	6	X-02-26-06
85	7	X-02-26-07
97	8	X-02-26-08
109	9	X-02-26-09
121	10	X-02-26-10
133	11	X-02-26-11
145	12	X-02-26-12

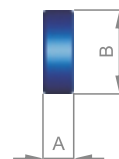


▲  
**PŁYTKA 1/3 RURKA**  
1/3 TUBULAR PLATE

**1 x 7 mm**

wkręty / screws:  $\varnothing$  2,7 mm

L (mm)	otwory holes	Nr kat.
23	3	X-02-27-03
31	4	X-02-27-04
39	5	X-02-27-05
47	6	X-02-27-06
55	7	X-02-27-07
63	8	X-02-27-08
71	9	X-02-27-09
79	10	X-02-27-10
87	11	X-02-27-11
95	12	X-02-27-12



**PŁYTKI REKONSTRUKCYJNE**

**PROSTE DO MIEDNICY**

**RECONSTRUCTION STRAIGHT PLATES**

**FOR PELVIS**

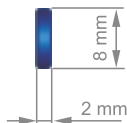
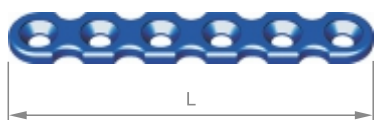
**A x B mm**

wkręty / screws:  $\varnothing$  6,5 mm

wkręty / screws:  $\varnothing$  4,5 mm

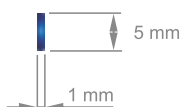
wkręty / screws:  $\varnothing$  3,5 /  $\varnothing$  4,0 mm

L (mm)	otwory holes	Nr kat.	L (mm)	otwory holes	Nr kat.
<b>A = 4,0mm   B = 11mm (<math>\varnothing</math> 6,5mm)</b>					
59	4	X-02-29-04	187	12	X-02-29-12
91	6	X-02-29-06	219	14	X-02-29-14
123	8	X-02-29-08	251	16	X-02-29-16
155	10	X-02-29-10	283	18	X-02-29-18
<b>A = 2,5mm   B = 11mm (<math>\varnothing</math> 6,5mm)</b>					
59	4	X-02-30-04	187	12	X-02-30-12
91	6	X-02-30-06	219	14	X-02-30-14
123	8	X-02-30-08	251	16	X-02-30-16
155	10	X-02-30-10	283	18	X-02-30-18
<b>A = 4,0mm   B = 11mm (<math>\varnothing</math> 4,5mm)</b>					
59	4	X-02-36-04	187	12	X-02-36-12
91	6	X-02-36-06	219	14	X-02-36-14
123	8	X-02-36-08	251	16	X-02-36-16
155	10	X-02-36-10	283	18	X-02-36-18
<b>A = 2,5mm   B = 11mm (<math>\varnothing</math> 4,5mm)</b>					
59	4	X-02-41-04	187	12	X-02-41-12
91	6	X-02-41-06	219	14	X-02-41-14
123	8	X-02-41-08	251	16	X-02-41-16
155	10	X-02-41-10	283	18	X-02-41-18
<b>A = 2,5mm   B = 11mm (<math>\varnothing</math> 3,5 / <math>\varnothing</math> 4,0mm)</b>					
59	4	X-02-45-04	187	12	X-02-45-12
91	6	X-02-45-06	219	14	X-02-45-14
123	8	X-02-45-08	251	16	X-02-45-16
<b>A = 2,5mm   B = 11mm (<math>\varnothing</math> 3,5 / <math>\varnothing</math> 4,0mm)</b>					
180	14	X-02-67-14	200	16	X-02-67-16
<b>A = 2,5mm   B = 10mm (<math>\varnothing</math> 3,5 / <math>\varnothing</math> 4,0mm)</b>					
48	4	X-02-49-04	144	12	X-02-49-12
60	5	X-02-49-05	168	14	X-02-49-14
72	6	X-02-49-06	192	16	X-02-49-16
84	7	X-02-49-07	216	18	X-02-49-18
96	8	X-02-49-08	240	20	X-02-49-20
108	9	X-02-49-09	264	22	X-02-49-22
120	10	X-02-49-10	288	24	X-02-49-24
<b>A = 2,0mm   B = 10mm (<math>\varnothing</math> 3,5 / <math>\varnothing</math> 4,0mm)</b>					
22	2	X-02-53-02	142	12	X-02-53-12
34	3	X-02-53-03	166	14	X-02-53-14
46	4	X-02-53-04	190	16	X-02-53-16
58	5	X-02-53-05	204	18	X-02-53-18
70	6	X-02-53-06	238	20	X-02-53-20
94	8	X-02-53-08	262	22	X-02-53-22
118	10	X-02-53-10			



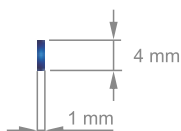
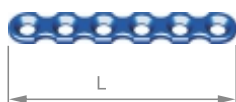
▲  
**PLYTKA REKONSTRUKCYJNA  
 PROSTA DO MIEDNICY**  
 RECONSTRUCTION STRAIGHT PLATE  
 FOR PELVIS  
**2 x 8 mm**  
 wkręty / screws:  $\varnothing$  2,7 mm

L (mm)	otwory holes	Nr kat.	L (mm)	otwory holes	Nr kat.
16	2	X-02-54-02	80	10	X-02-54-10
24	3	X-02-54-03	96	12	X-02-54-12
32	4	X-02-54-04	112	14	X-02-54-14
40	5	X-02-54-05	128	16	X-02-54-16
48	6	X-02-54-06	144	18	X-02-54-18
64	8	X-02-54-08	160	20	X-02-54-20



▲  
**PLYTKA REKONSTRUKCYJNA  
 PROSTA DO MIEDNICY**  
 RECONSTRUCTION STRAIGHT PLATE  
 FOR PELVIS  
**1 x 5 mm**  
 wkręty / screws:  $\varnothing$  2,0 mm

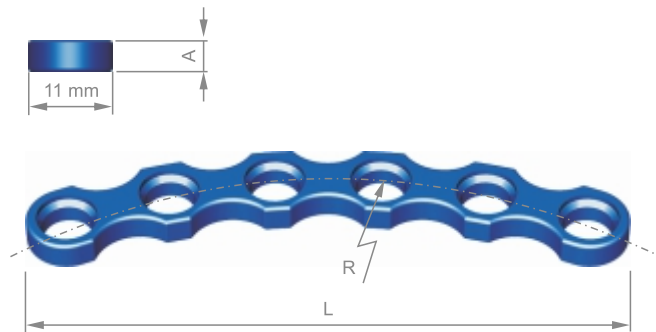
L (mm)	otwory holes	Nr kat.	L (mm)	otwory holes	Nr kat.
20	4	X-02-55-04	80	16	X-02-55-16
30	6	X-02-55-06	90	18	X-02-55-18
40	8	X-02-55-08	100	20	X-02-55-20
50	10	X-02-55-10	110	22	X-02-55-22
60	12	X-02-55-12	120	24	X-02-55-24
70	14	X-02-55-14	130	26	X-02-55-26



▲  
**PLYTKA REKONSTRUKCYJNA  
 PROSTA DO MIEDNICY**  
 RECONSTRUCTION STRAIGHT PLATE  
 FOR PELVIS  
**1 x 4 mm**  
 wkręty / screws:  $\varnothing$  1,5 mm

L (mm)	otwory holes	Nr kat.	L (mm)	otwory holes	Nr kat.
16	4	X-02-56-04	64	16	X-02-56-16
24	6	X-02-56-06	72	18	X-02-56-18
32	8	X-02-56-08	80	20	X-02-56-20
40	10	X-02-56-10	88	22	X-02-56-22
48	12	X-02-56-12	96	24	X-02-56-24
56	14	X-02-56-14	104	26	X-02-56-26





**PLYTKI REKONSTRUKCYJNE**

**ŁUKOWA DO MIEDNICY**

**RECONSTRUCTION CURVE PLATES**

**FOR PELVIS**

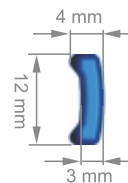
**A x 11 mm**

wkręty / screws:  $\varnothing$  6,5 mm

wkręty / screws:  $\varnothing$  4,5 mm

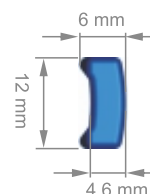
wkręty / screws:  $\varnothing$  3,5 /  $\varnothing$  4,0 mm

L (mm)	R (mm)	otwory holes	Nr kat.	L (mm)	R (mm)	otwory holes	Nr kat.
<b>A = 4,0mm   B = 11mm (∅ 6,5mm)</b>							
57	80	4	X-02-31-04	58	100	4	X-02-32-04
86	80	6	X-02-31-06	88	100	6	X-02-32-06
111	80	8	X-02-31-08	115	100	8	X-02-32-08
132	80	10	X-02-31-10	139	100	10	X-02-32-10
147	80	12	X-02-31-12	160	100	12	X-02-32-12
157	80	14	X-02-31-14	178	100	14	X-02-32-14
163	80	16	X-02-31-16	198	100	16	X-02-32-16
171	80	18	X-02-31-18	211	100	18	X-02-32-18
<b>A = 2,5mm   B = 11mm (∅ 6,5mm)</b>							
57	80	4	X-02-33-04	58	100	4	X-02-34-04
86	80	6	X-02-33-06	88	100	6	X-02-34-06
111	80	8	X-02-33-08	115	100	8	X-02-34-08
132	80	10	X-02-33-10	139	100	10	X-02-34-10
147	80	12	X-02-33-12	160	100	12	X-02-34-12
157	80	14	X-02-33-14	178	100	14	X-02-34-14
163	80	16	X-02-33-16	198	100	16	X-02-34-16
171	80	18	X-02-33-18	211	100	18	X-02-34-18
<b>A = 4,0mm   B = 11mm (∅ 4,5mm)</b>							
57	80	4	X-02-38-04	58	100	4	X-02-39-04
86	80	6	X-02-38-06	88	100	6	X-02-39-06
111	80	8	X-02-38-08	115	100	8	X-02-39-08
132	80	10	X-02-38-10	139	100	10	X-02-39-10
147	80	12	X-02-38-12	160	100	12	X-02-39-12
157	80	14	X-02-38-14	178	100	14	X-02-39-14
163	80	16	X-02-38-16	198	100	16	X-02-39-16
171	80	18	X-02-38-18	211	100	18	X-02-39-18
<b>A = 2,5mm   B = 11mm (∅ 4,5mm)</b>							
57	80	4	X-02-43-04	58	100	4	X-02-44-04
86	80	6	X-02-43-06	88	100	6	X-02-44-06
111	80	8	X-02-43-08	115	100	8	X-02-44-08
132	80	10	X-02-43-10	139	100	10	X-02-44-10
147	80	12	X-02-43-12	160	100	12	X-02-44-12
157	80	14	X-02-43-14	178	100	14	X-02-44-14
163	80	16	X-02-43-16	198	100	16	X-02-44-16
171	80	18	X-02-43-18	211	100	18	X-02-44-18
<b>A = 2,5mm   B = 11mm (∅ 3,5 / ∅ 4,0mm)</b>							
57	80	4	X-02-46-04	58	100	4	X-02-47-04
86	80	6	X-02-46-06	88	100	6	X-02-47-06
111	80	8	X-02-46-08	115	100	8	X-02-47-08
132	80	10	X-02-46-10	139	100	10	X-02-47-10
147	80	12	X-02-46-12	160	100	12	X-02-47-12
157	80	14	X-02-46-14	178	100	14	X-02-47-14
<b>A = 3,5mm   B = 11mm (∅ 4,5mm)</b>							
46	80	4	X-02-50-04	48	100	4	X-02-51-04
72	80	6	X-02-50-06	74	100	6	X-02-51-06
98	80	8	X-02-50-08	98	100	8	X-02-51-08
116	80	10	X-02-50-10	122	100	10	X-02-51-10
138	80	12	X-02-50-12	144	100	12	X-02-51-12
146	80	14	X-02-50-14	164	100	14	X-02-51-14
158	80	16	X-02-50-16	188	100	16	X-02-51-16
168	80	18	X-02-50-18	210	100	18	X-02-51-18



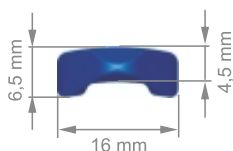
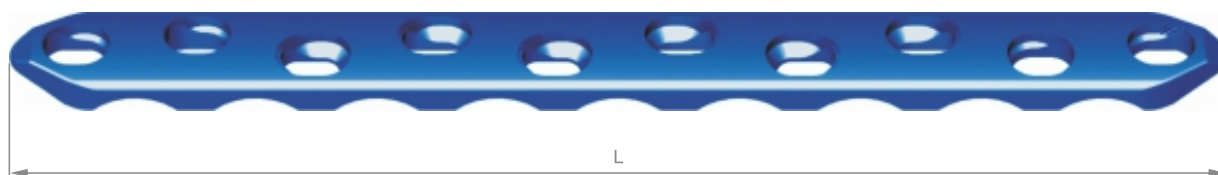
▲  
**PŁYTKA WĄSKA KOMPRESYJNA  
Z OGRANICZONYM KONTAKTEM, CIENKA**  
NARROW COMPRESSION PLATE  
WITH LIMITED CONTACT, THIN  
**4 x 12 mm**  
wkręty / screws:  $\varnothing$  3,5 mm

L (mm)	otwory holes	Nr kat.
51	4	X-02-110-04
64	5	X-02-110-05
77	6	X-02-110-06
90	7	X-02-110-07
103	8	X-02-110-08
116	9	X-02-110-09
129	10	X-02-110-10
142	11	X-02-110-11
155	12	X-02-110-12



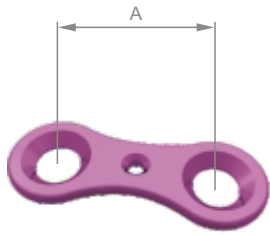
▲  
**PŁYTKA WĄSKA KOMPRESYJNA  
Z OGRANICZONYM KONTAKTEM, GRUBA**  
NARROW COMPRESSION PLATE  
WITH LIMITED CONTACT, THICK  
**6 x 12 mm**  
wkręty / screws:  $\varnothing$  3,5 mm

L (mm)	otwory holes	Nr kat.
51	4	X-02-111-04
64	5	X-02-111-05
77	6	X-02-111-06
90	7	X-02-111-07
103	8	X-02-111-08
116	9	X-02-111-09
129	10	X-02-111-10
142	11	X-02-111-11
155	12	X-02-111-12



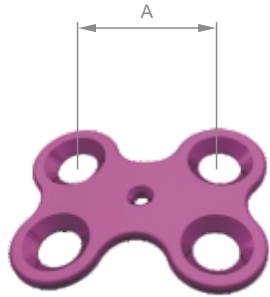
▲  
**PŁYTKA SZEROKA KOMPRESYJNA  
GRUBA**  
WIDE COMPRESSION PLATE  
THICK  
**6,5 x 16 mm**  
wkręty / screws:  $\varnothing$  4,5 /  $\varnothing$  6,5 mm

L (mm)	otwory holes	Nr kat.
110	6	X-02-121-06
128	7	X-02-121-07
146	8	X-02-121-08
164	9	X-02-121-09
182	10	X-02-121-10
200	11	X-02-121-11
218	12	X-02-121-12
236	13	X-02-121-13
254	14	X-02-121-14
272	15	X-02-121-15
290	16	X-02-121-16
308	17	X-02-121-17
326	18	X-02-121-18



▶ **PLYTKA DO EPIFIZJODEZY KOŃCZYNY DOLNEJ**  
**LOWER LIMB EPIPHYSIODESIS PLATE**  
wkręty korowe / Cortical screws:  $\varnothing$  4,5 mm  
wkręty gąbczaste / Cancellous screws:  $\varnothing$  4,0 mm

A (mm)	otwory holes	Nr kat. Ref. no.
12	2	X-02-172- 12
16	2	X-02-172- 16

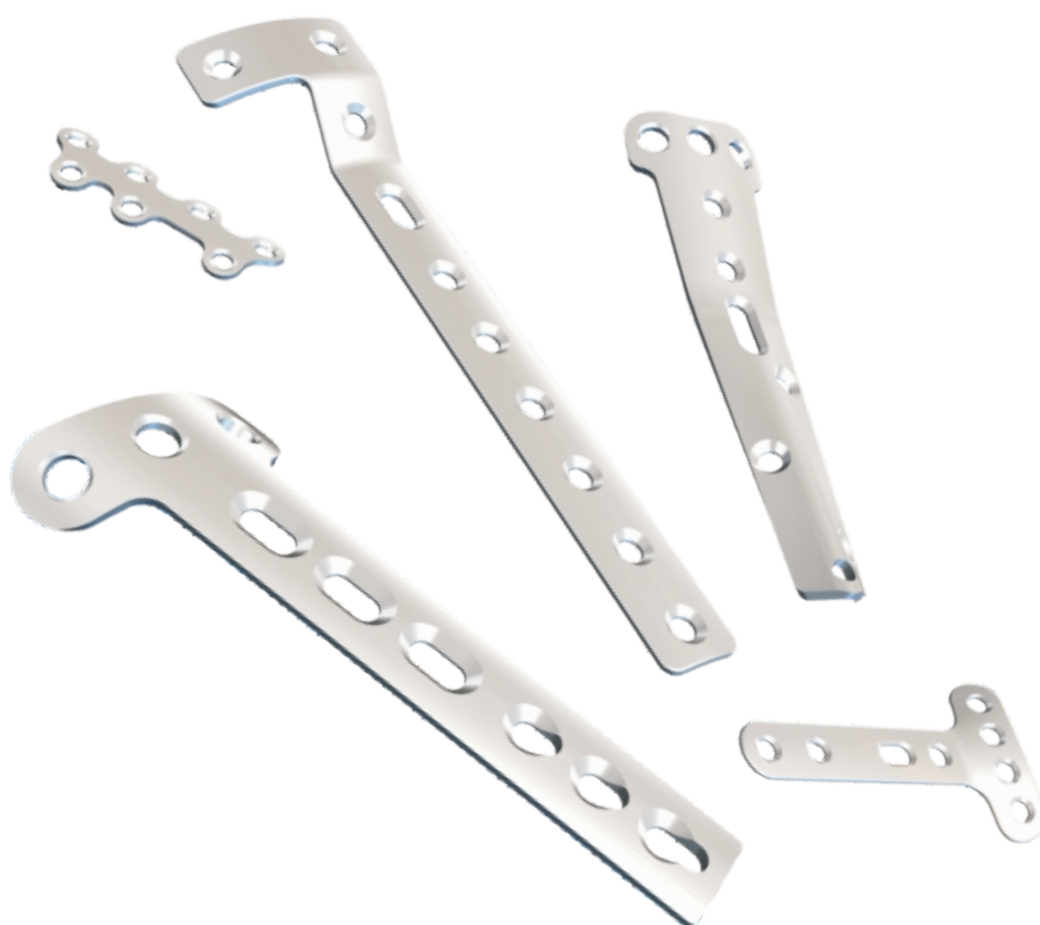


▶ **PLYTKA DO EPIFIZJODEZY KOŃCZYNY DOLNEJ**  
**LOWER LIMB EPIPHYSIODESIS PLATE**  
wkręty korowe / Cortical screws:  $\varnothing$  4,5 mm  
wkręty gąbczaste / Cancellous screws:  $\varnothing$  4,0 mm

A (mm)	otwory holes	Nr kat. Ref. no.
16	4	X-02-173- 16
22	4	X-02-173- 22



**PŁYTKI KOSTNE KSZTAŁTOWE**  
SHAPED BONE PLATES



**DOSTĘPNE ODMIANY PŁYTEK / AVAILABLE TYPES OF PLATES**

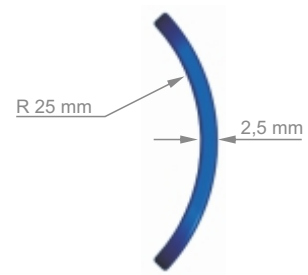
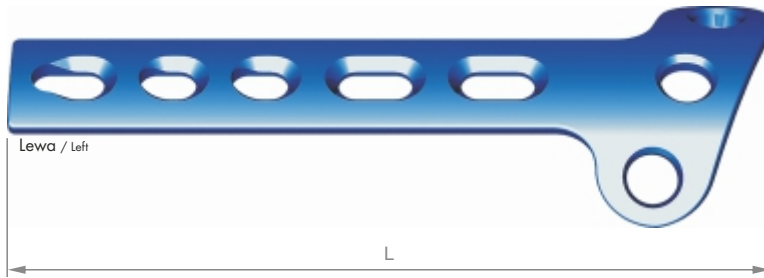
Pierwszy człon numeru katalogowego First part of REF No.	Odmiany płytek / Types of plates
1	tytan / titanium
4	stal implantacyjna / stainless steel
5	stal implantacyjna + DLC / stainless steel + DLC
11	tytan + DLC / titanium + DLC
21	tytan lity pokryty Si-DLC / titanium + Si-DLC
24	stal Si-DLC / steel + Si-DLC

**PRZYKŁAD / EXAMPLE**

X-zz-zzz-zz

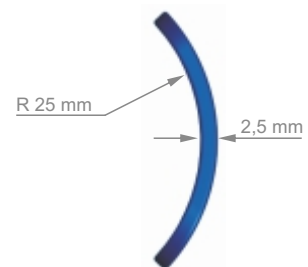
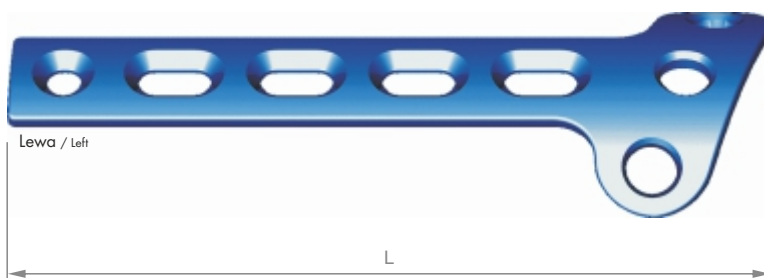
X = 1,4,5,11,21,24

z = numeracja / number



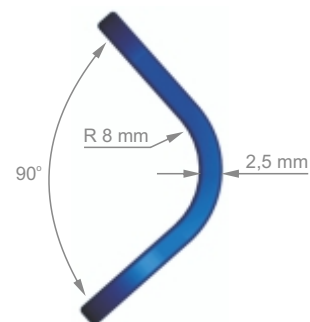
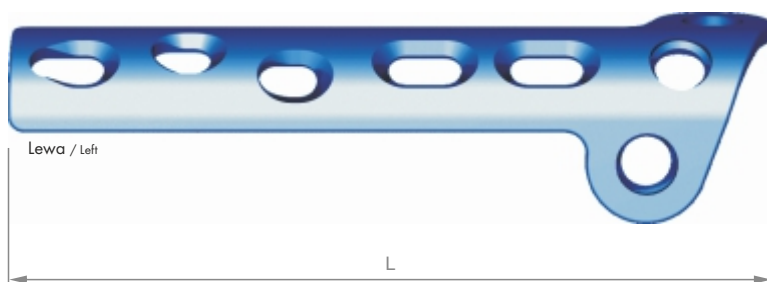
**PŁYTKA SAMODOCISKOWA  
DO ZESPOLEŃ NASADY  
KOŚCI RAMIENNEJ  
AUTOCOMPRESSION  
HUMERUS BONE PLATE  
wkrety / screws:  $\varnothing$  4,5/ $\varnothing$  6,5 mm**

L (mm)	otwory holes	Lewa / Left	Prawa / Right
69	3	X-04-01-03	X-04-02-03
85	4	X-04-01-04	X-04-02-04
101	5	X-04-01-05	X-04-02-05
117	6	X-04-01-06	X-04-02-06
133	7	X-04-01-07	X-04-02-07



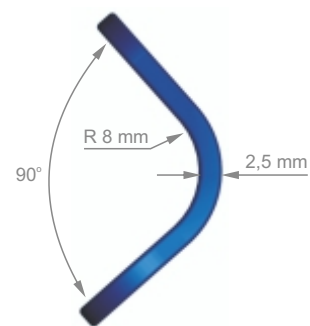
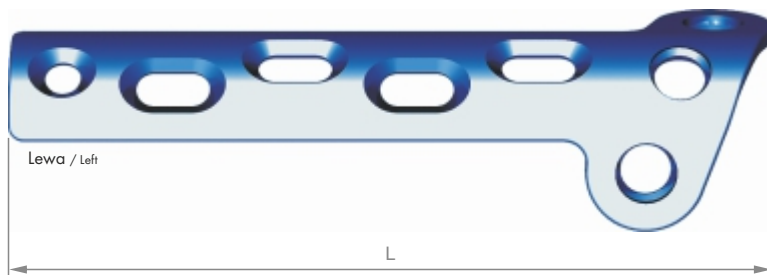
**PŁYTKA DO ZESPOLEŃ NASADY  
KOŚCI RAMIENNEJ  
HUMERUS BONE PLATE  
wkrety / screws:  $\varnothing$  4,5/ $\varnothing$  6,5 mm**

L (mm)	otwory holes	Lewa / Left	Prawa / Right
69	3	X-04-04-03	X-04-05-03
85	4	X-04-04-04	X-04-05-04
101	5	X-04-04-05	X-04-05-05
117	6	X-04-04-06	X-04-05-06
133	7	X-04-04-07	X-04-05-07



▲  
**PŁYTKA SAMODOCISKOWA  
 DO ZESPOLEŃ NASADY GÓRNEJ  
 KOŚCI PISZCZELOWEJ  
 AUTOCOMPRESSION  
 TIBIAN BONE PLATE  
 wkręty / screws:  $\varnothing$  4,5/ $\varnothing$  6,5 mm**

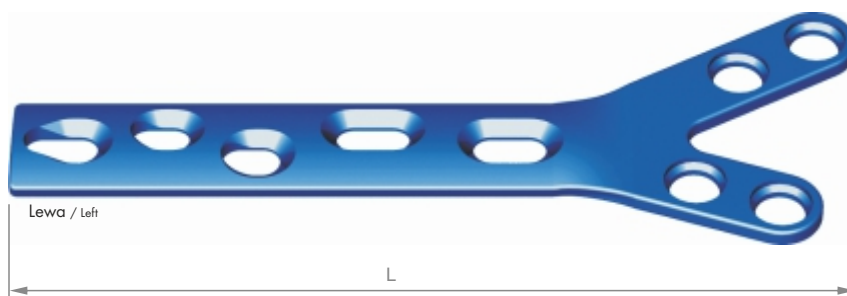
L (mm)	otwory holes	Lewa / Left	Prawa / Right
69	3	X-04-07-03	X-04-08-03
85	4	X-04-07-04	X-04-08-04
101	5	X-04-07-05	X-04-08-05
117	6	X-04-07-06	X-04-08-06
133	7	X-04-07-07	X-04-08-07



▲  
**PŁYTKA DO ZESPOLEŃ NASADY GÓRNEJ  
 KOŚCI PISZCZELOWEJ  
 TIBIAN BONE PLATE  
 wkręty / screws:  $\varnothing$  4,5/ $\varnothing$  6,5 mm**

L (mm)	otwory holes	Lewa / Left	Prawa / Right
69	3	X-04-10-03	X-04-11-03
85	4	X-04-10-04	X-04-11-04
101	5	X-04-10-05	X-04-11-05
117	6	X-04-10-06	X-04-11-06
133	7	X-04-10-07	X-04-11-07





**PŁYTKA SAMODOCISKOWA "Y"**

**DO ZESPOLEŃ NASADY**

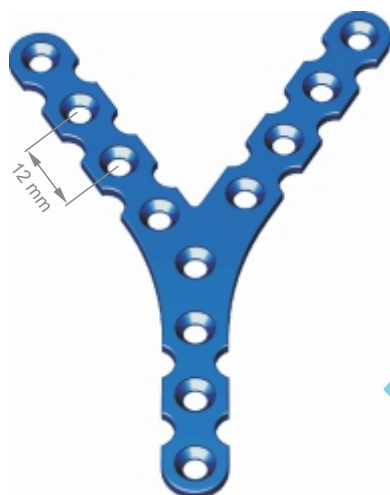
**DALSZEJ KOŚCI RAMIENNEJ**

**AUTOCOMPRESSION**

**HUMERUS BONE PLATE "Y"**

**wkręty / screws:  $\varnothing$  4,5/ $\varnothing$  6,5 mm**

L (mm)	otwory holes	Lewa / Left	Prawa / Right
82	3	X-04-13-03	X-04-14-03
94	4	X-04-13-04	X-04-14-04
112	5	X-04-13-05	X-04-14-05
124	6	X-04-13-06	X-04-14-06
136	7	X-04-13-07	X-04-14-07
148	8	X-04-13-08	X-04-14-08
160	9	X-04-13-09	X-04-14-09
172	10	X-04-13-10	X-04-14-10
184	11	X-04-13-11	X-04-14-11
196	12	X-04-13-12	X-04-14-12
208	13	X-04-13-13	X-04-14-13



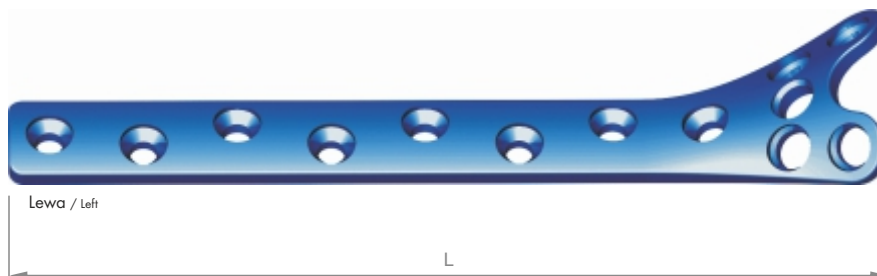
**X-04-18-00**

**PŁYTKA "Y"**

**PLATE "Y"**

**wkręty / screws:  $\varnothing$  3,5/ $\varnothing$  4,0 mm**

**X-04-18-00**



**PŁYTKA "Y" DO WIELODŁAMOWYCH**

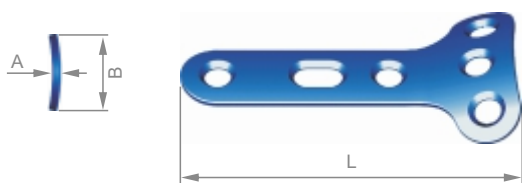
**ZŁAMAŃ KŁYKCI**

**"Y" PLATE FOR CONDYLAR**

**MULTIPLE FRAGMENT FRACTURES**

**wkręty / screws:  $\varnothing$  4,5/ $\varnothing$  6,5 mm**

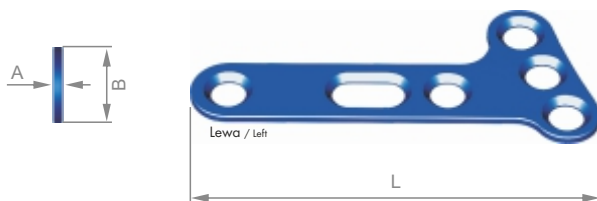
L (mm)	otwory holes	Lewa / Left	Prawa / Right
148	7/6	X-04-16-07	X-04-17-07
180	9/6	X-04-16-09	X-04-17-09
221	11/6	X-04-16-11	X-04-17-11
254	13/6	X-04-16-13	X-04-17-13



**PŁYTKA "T"**  
**PLATE "T"**

wkręty / screws:  $\varnothing$  3,5/ $\varnothing$  4,0 mm

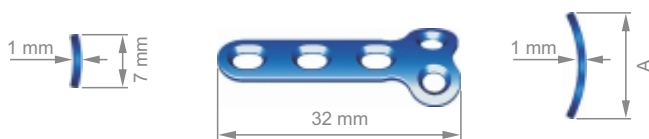
L (mm)	otwory holes	Nr kat.
<b>A = 1,0mm   B = 10mm</b>		
45	3x3	X-04-20-45
50	3x3	X-04-20-50
58	4x4	X-04-20-58
67	3x5	X-04-20-67
68	3x4	X-04-20-68
78	4x6	X-04-20-78
100	4x8	X-04-20-100
<b>A = 1,2mm   B = 10mm</b>		
50	3x3	X-04-58-50
57	3x4	X-04-58-57
67	3x5	X-04-58-67
77	3x6	X-04-58-77
<b>A = 1,2mm   B = 11mm</b>		
50	3x3	X-04-59-50
67	3x5	X-04-59-67
68	3x5	X-04-59-68
50	4x3	X-04-60-50
56	4x4	X-04-60-56
67	4x5	X-04-60-67
78	4x6	X-04-60-78
100	4x8	X-04-60-100
128	4x8	X-04-60-128



**PŁYTKA "T"**  
**PLATE "T"**

wkręty / screws:  $\varnothing$  3,5/ $\varnothing$  4,0 mm

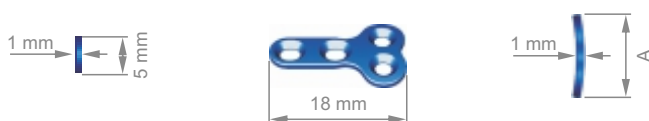
L (mm)	otwory holes	Lewa / Left	Prawa / Right
<b>A = 1,0mm   B = 10mm</b>			
54	3x3	X-04-21-54	X-04-22-54
64	3x4	X-04-21-64	X-04-22-64
75	3x5	X-04-21-75	X-04-22-75
<b>A = 1,2mm   B = 11mm</b>			
54	3x3	X-04-50-54	X-04-52-54
64	3x4	X-04-50-64	X-04-52-64
75	3x5	X-04-50-75	X-04-52-75
50	3x3	X-04-50-50	X-04-52-50
57	3x4	X-04-50-57	X-04-52-57
67	3x5	X-04-50-67	X-04-52-67
77	3x6	X-04-50-77	X-04-52-77



**PŁYTKA "T" mini**  
**PLATE "T" mini**

wkręty / screws:  $\varnothing$  2,7 mm

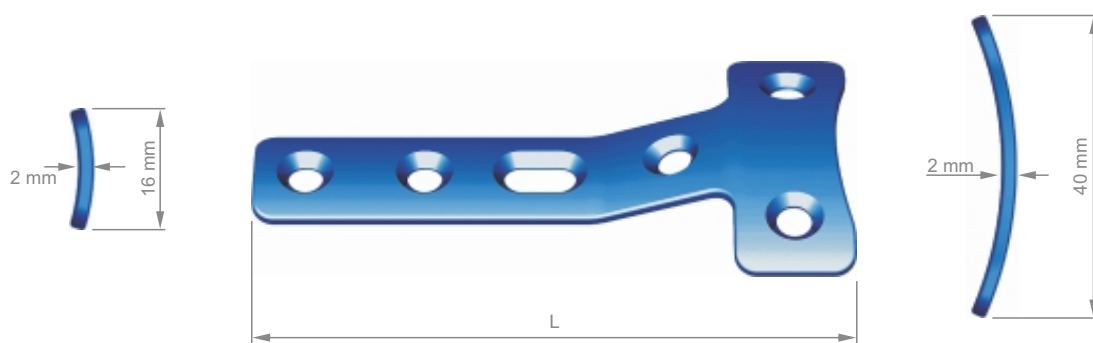
L (mm)	A (mm)	Nr kat.
32	14	X-04-25-32
32	13,5	X-04-25-32



**PŁYTKA "T" mini**  
**PLATE "T" mini**

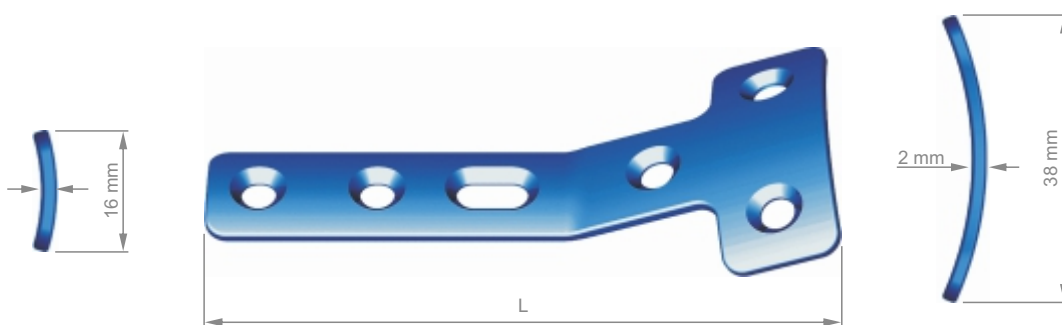
wkręty / screws:  $\varnothing$  2,0 mm

L (mm)	A (mm)	Nr kat.
18	11	X-04-26-18
18	12	X-04-26-19



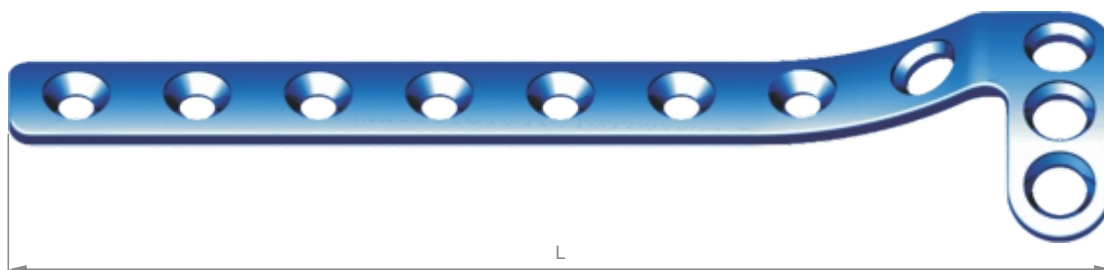
**PŁYTKA PISZCZELOWA "T"**  
TIBIAL PLATE "T"  
wkrety / screws:  $\varnothing$  4,5 mm

L (mm)	otwory holes	Nr kat.
64	3	X-04-23-03
80	4	X-04-23-04
96	5	X-04-23-05
112	6	X-04-23-06
128	7	X-04-23-07
144	8	X-04-23-08
160	9	X-04-23-09
176	10	X-04-23-10



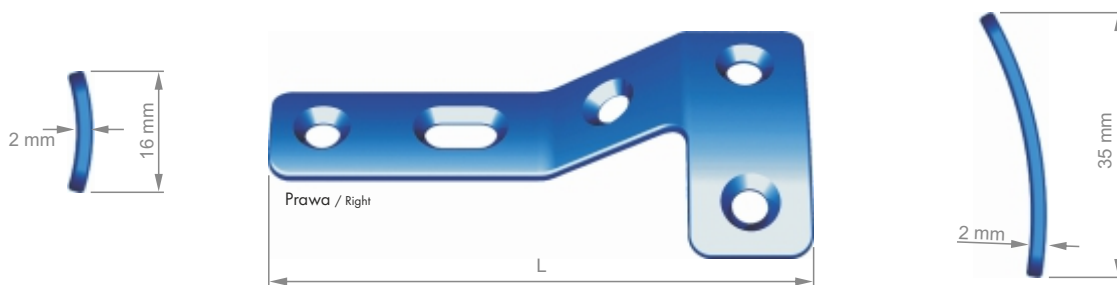
**PŁYTKA PISZCZELOWA "T"**  
TIBIAL PLATE "T"  
wkrety / screws:  $\varnothing$  4,5 mm

L (mm)	otwory holes	Nr kat.
68	3	X-04-24-03
84	4	X-04-24-04
100	5	X-04-24-05
116	6	X-04-24-06
132	7	X-04-24-07
148	8	X-04-24-08
164	9	X-04-24-09
180	10	X-04-24-10



**PŁYTKA PISZCZELOWA "L"**  
TIBIAL PLATE "L"  
wkrety / screws:  $\varnothing$  4,5 mm

L (mm)	otwory holes	Lewa / Left	Prawa / Right
82	4	X-04-75-04	X-04-74-04
98	5	X-04-75-05	X-04-74-05
114	6	X-04-75-06	X-04-74-06
146	8	X-04-75-08	X-04-74-08
178	10	X-04-75-10	X-04-74-10
210	12	X-04-75-12	X-04-74-12

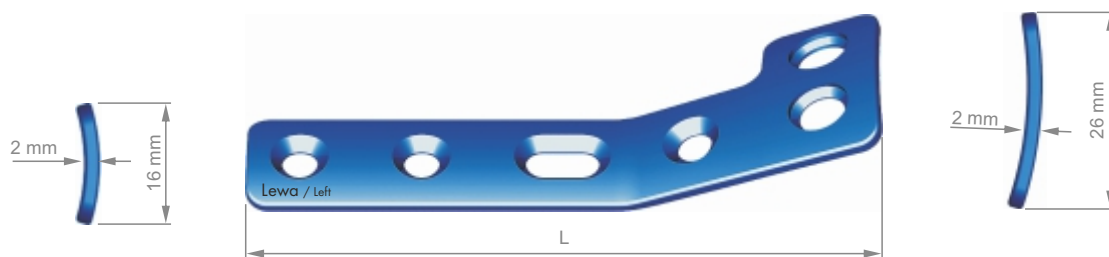


**PŁYTKA PISZCZELOWA "L"**

TIBIAL PLATE "L"

wkręty / screws:  $\varnothing$  4,5 mm

L (mm)	otwory holes	Lewa / Left	Prawa / Right
71	3	X-04-28-01	X-04-28-02
87	4	X-04-28-03	X-04-28-04
103	5	X-04-28-05	X-04-28-06
119	6	X-04-28-07	X-04-28-08
135	7	X-04-28-09	X-04-28-10
151	8	X-04-28-11	X-04-28-12

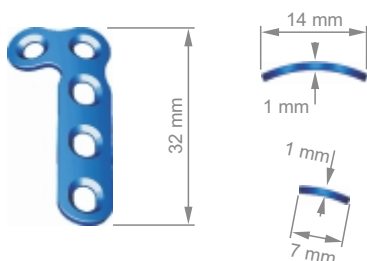


**PŁYTKA PISZCZELOWA "L"**

TIBIAL PLATE "L"

wkręty / screws:  $\varnothing$  4,5/ $\varnothing$  6,5 mm

L (mm)	otwory holes	Lewa / Left	Prawa / Right
84	4	X-04-29-01	X-04-29-06
100	5	X-04-29-02	X-04-29-07
116	6	X-04-29-03	X-04-29-08
132	7	X-04-29-04	X-04-29-09
148	8	X-04-29-05	X-04-29-10



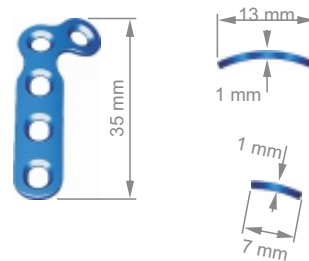
LEWA / left 4-04-30-01  
PRAWA / right 4-04-30-02

**PŁYTKA "L" 90°**

PLATE "L" 90°

wkręty / screws:  $\varnothing$  2,7 mm

LEWA / Left X-04-30-01  
PRAWA / Right X-04-30-02

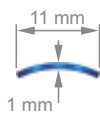
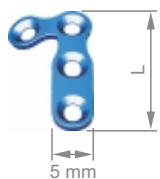


**PŁYTKA "L" 110°**

PLATE "L" 110°

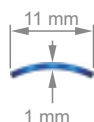
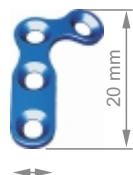
wkręty / screws:  $\varnothing$  2,7 mm

LEWA / Left X-04-34-01  
PRAWA / Right X-04-34-02



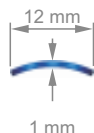
◀ **PŁYTKA "L" 90° mini**  
**PLATE "L" 90° mini**  
**wkręty / screws: ø 2,0 mm**

L (mm)	Lewa / Left	Prawa / Right
19	X-04-32-01	X-04-32-02
26	X-04-32-05	X-04-32-06
33	X-04-32-07	X-04-32-08
40	X-04-32-09	X-04-32-10



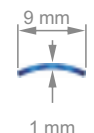
◀ **PŁYTKA "L" 110° mini**  
**PLATE "L" 110° mini**  
**wkręty / screws: ø 2,0 mm**

<b>LEWA / Left</b>	X-04-36-01
<b>PRAWA / Right</b>	X-04-36-02



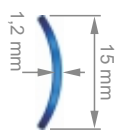
◀ **PŁYTKA "H" mini**  
**PLATE "H" mini**  
**wkręty / screws: ø 2,0 mm**

X-04-31-02



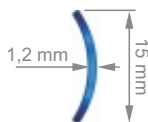
◀ **PŁYTKA "H" mikro**  
**PLATE "H" mikro**  
**wkręty / screws: ø 1,5 mm**

X-04-31-01



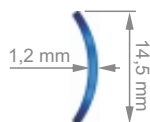
◀ **PŁYTKA DO KOŚCI PIĘTOWEJ**  
**CALCENEAL BONE PLATE**  
**wkręty / screws: ø 2,7 mm**

X-04-47-01



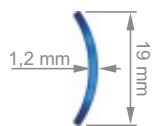
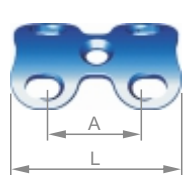
◀ **PŁYTKA DO KOŚCI PIĘTOWEJ**  
**CALCENEAL BONE PLATE**  
**wkręty / screws: ø 2,7 mm**

X-04-47-02



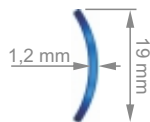
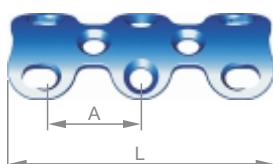
◀ **PŁYTKA WIELOFRAGMENTOWA**  
**MULTIPLE FRAGMENT PLATE**  
**wkręty / screws: ø 2,7 mm**

X-04-47-03



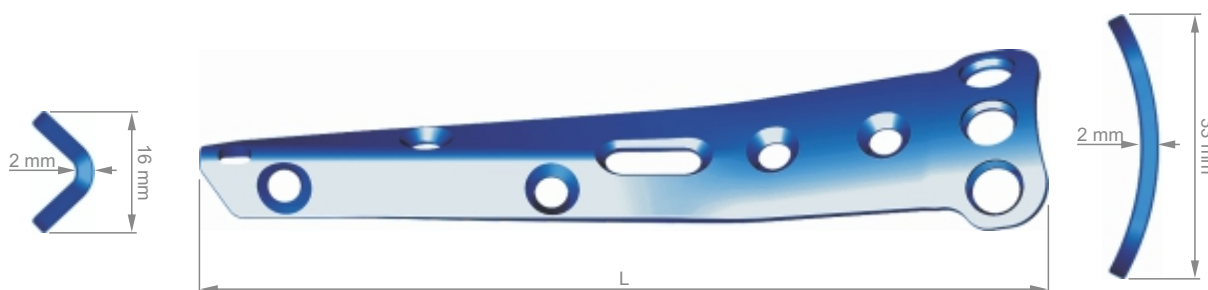
▶ **PŁYTKA DO KOŚCI PIĘTOWEJ**  
**CALCENEAL BONE PLATE**  
**wkręty / screws:  $\varnothing$  3,5 mm**

L (mm)	A (mm)	Nr kat.
23	16	X-04-46-23
25	18	X-04-46-25
28	21	X-04-46-28



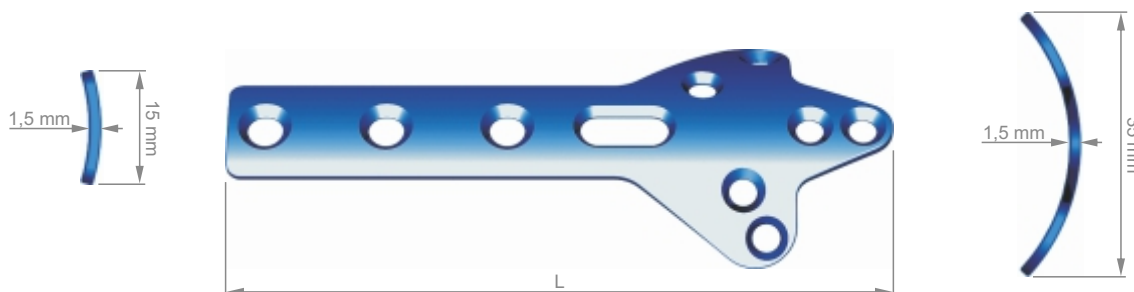
▶ **PŁYTKA DO KOŚCI PIĘTOWEJ**  
**CALCENEAL BONE PLATE**  
**wkręty / screws:  $\varnothing$  3,5 mm**

L (mm)	A (mm)	Nr kat.
41	18	X-04-46-41
44	19	X-04-46-44
59	18	X-04-46-59



▶ **PŁYTKA PISZCZELOWA**  
**TIBIAL BONE PLATES**  
**wkręty / screws:  $\varnothing$  4,5/ $\varnothing$  6,5 mm**

L (mm)	otwory holes	Nr kat.
100	5	X-04-43-05
120	6	X-04-43-06
136	7	X-04-43-07
152	8	X-04-43-08
168	9	X-04-43-09
184	10	X-04-43-10



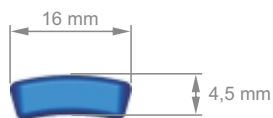
▶ **PŁYTKA PISZCZELOWA "KONICZYŃKA"**  
**TIBIAL BONE PLATES "CLOVERLEAF"**  
**wkręty / screws:  $\varnothing$  3,5/ $\varnothing$  4,5 mm**

L (mm)	otwory holes	Nr kat.
88	3	X-04-45-03
104	4	X-04-45-04
120	5	X-04-45-05
136	6	X-04-45-06
152	7	X-04-45-07
168	8	X-04-45-08



◀ **PLYTKA KOSTNA "COBRA"**  
"COBRA" PLATE  
wkrety / screws:  $\varnothing 5/\varnothing 6,5$  mm

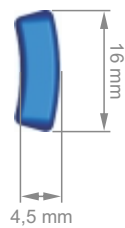
L (mm)	otwory holes	Nr kat.
154	7	X-04-37-07
168	8	X-04-38-08
170	8	X-04-37-08
184	9	X-04-38-09
186	9	X-04-37-09
200	10	X-04-38-10
202	10	X-04-37-10
216	11	X-04-38-11
218	11	X-04-37-11
234	12	X-04-37-12
250	13	X-04-37-13



**PLYTKA "MOTYLEK"** ▶  
"BUTTERFLY" PLATE  
wkrety / screws:  $\varnothing 5/\varnothing 6,5$  mm

X-04-39-22

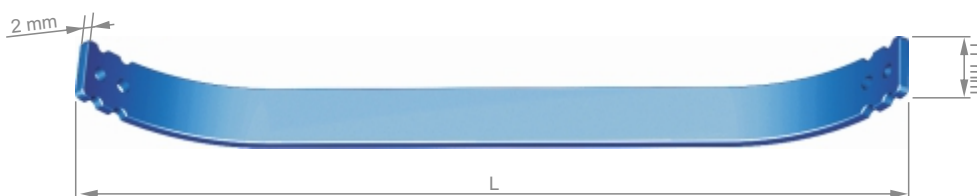




**PŁYTKA KOLANOWA**  
**KNEE BONE PLATE**  
**wkręty / screws:  $\varnothing$  4,5/ $\varnothing$  6,5 mm**

**LEWA / Left** X-04-41-01

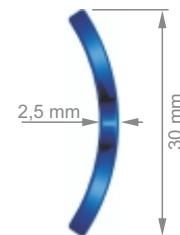
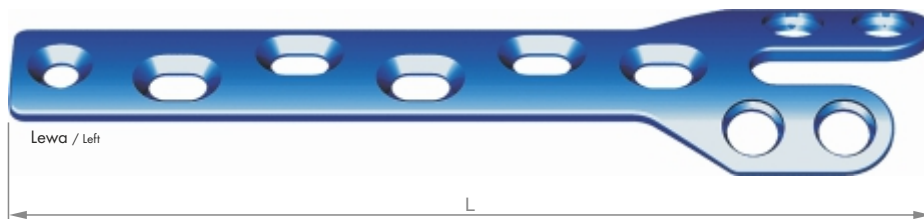
**PRAWA / Right** X-04-41-02



**PŁYTKA DO STABILIZACJI MOSTKA ŻEBROWEGO**  
**PLATE FOR BREASTBONE STABILIZATION**

L (mm)	Nr kat.	L (mm)	Nr kat.
140	X-04-57-14	240	X-04-57-24
160	X-04-57-16	260	X-04-57-26
180	X-04-57-18	280	X-04-57-28
200	X-04-57-20	300	X-04-57-30
220	X-04-57-22		



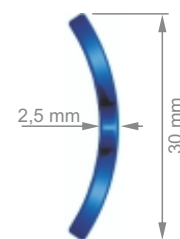


**PŁYTKA WIDŁOWA**

**FORK PLATE**

wkręty / screws:  $\varnothing$  4,5/ $\varnothing$  6,5 mm

L (mm)	otwory holes	Lewa / Left	Prawa / Right
74,5	3	X-04-68-03	X-04-69-03
90,5	4	X-04-68-04	X-04-69-04
106,5	5	X-04-68-05	X-04-69-05
122,5	6	X-04-68-06	X-04-69-06

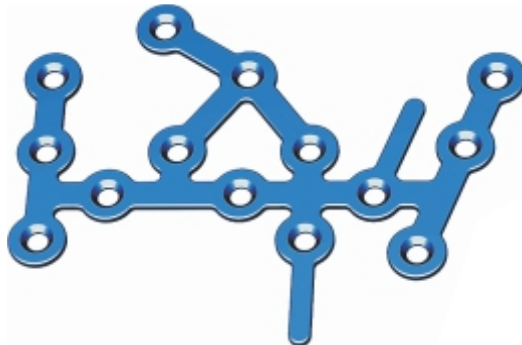


**PŁYTKA WIDŁOWA SAMODOCISKOWA**

**AUTOCOMPRESSION FORK PLATES**

wkręty / screws:  $\varnothing$  4,5/ $\varnothing$  6,5 mm

L (mm)	otwory holes	Lewa / Left	Prawa / Right
74,5	3	X-04-70-03	X-04-71-03
90,5	4	X-04-70-04	X-04-71-04
106,5	5	X-04-70-05	X-04-71-05
122,5	6	X-04-70-06	X-04-71-06



▲  
**PŁYTKA WIELOOTWOROWA DO KOŚCI PIĘTOWEJ**  
MULTIPLE FRAGMENT CALCANEAL BONE PLATE  
wkrety / screws:  $\varnothing$  2,7 mm

**LEWA / Left** X-04-90-00  
**PRAWA / Right** X-04-90-01



X-04-90-02

▲  
**PŁYTKA CZTEROOTWOROWA DO KOŚCI PIĘTOWEJ**  
CALCANEAL BONE PLATE - 4 HOLES  
wkrety / screws:  $\varnothing$  2,7 mm



X-04-90-03

▲  
**PŁYTKA CZTEROOTWOROWA "ROMB" DO KOŚCI PIĘTOWEJ**  
CALCANEAL BONE PLATE "RHOMBUS"  
wkrety / screws:  $\varnothing$  2,7 mm

**PŁYTKI KOSTNE KĄTOWE**  
ANGULAR BONE PLATES



**DOSTĘPNE ODMIANY PŁYTEK / AVAILABLE TYPES OF PLATES**

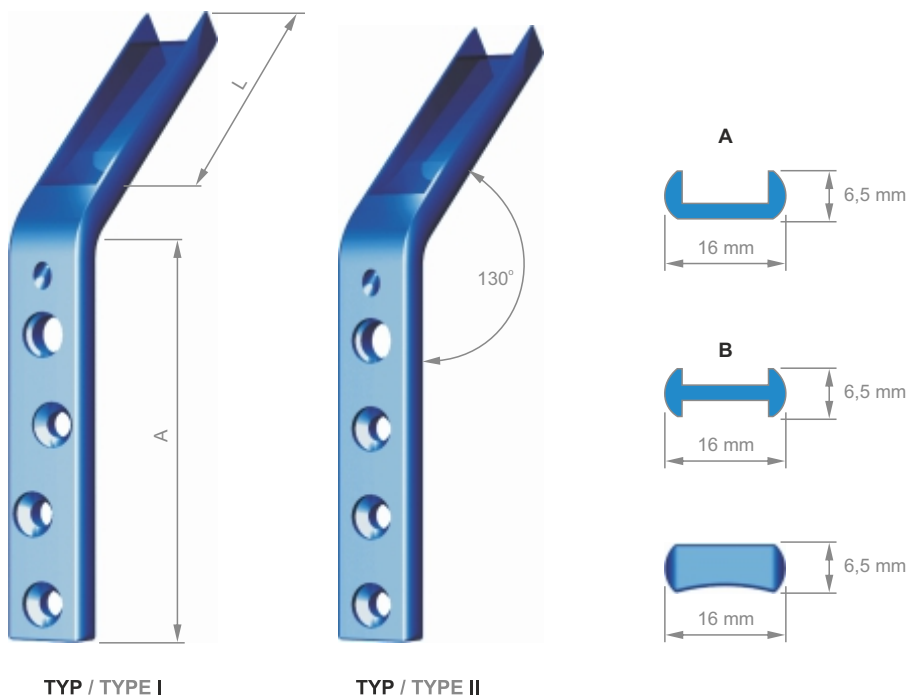
Pierwszy człon numeru katalogowego First part of REF No.	Odmiany płytek / Types of plates
1	tytan / titanium
4	stal implantacyjna / stainless steel
5	stal implantacyjna + DLC / stainless steel + DLC
11	tytan + DLC / titanium + DLC
21	tytan lity pokryty Si-DLC / titanium + Si-DLC
24	stal Si-DLC / steel + Si-DLC

**PRZYKŁAD / EXAMPLE**

X-zz-zzz-zz

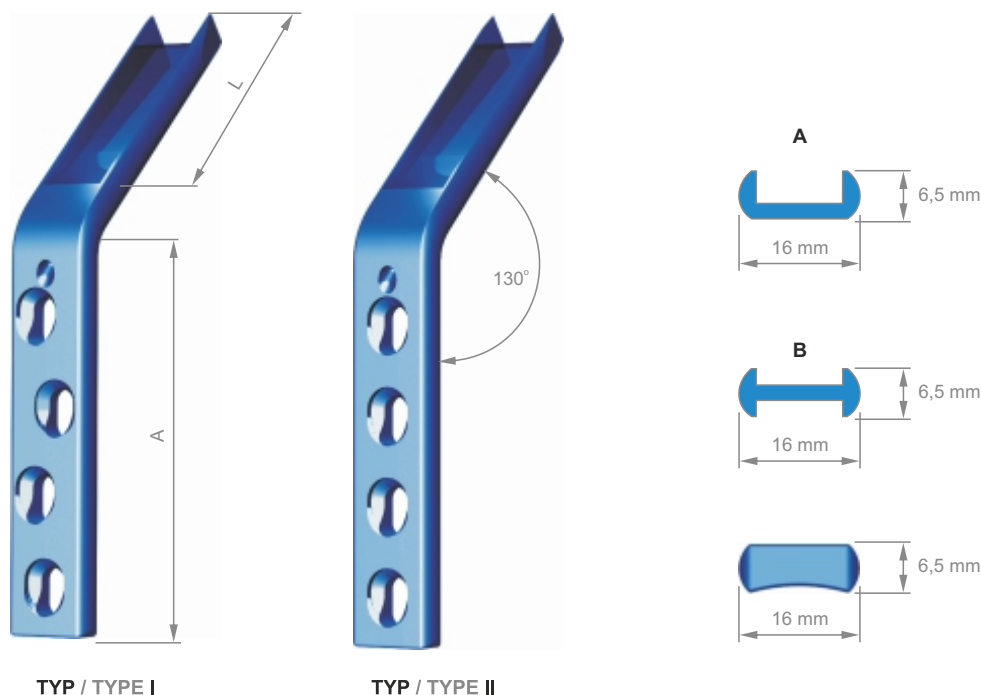
X = 1,4,5,11,21,24

z = numeracja / number



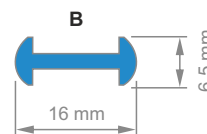
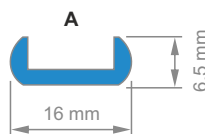
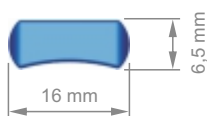
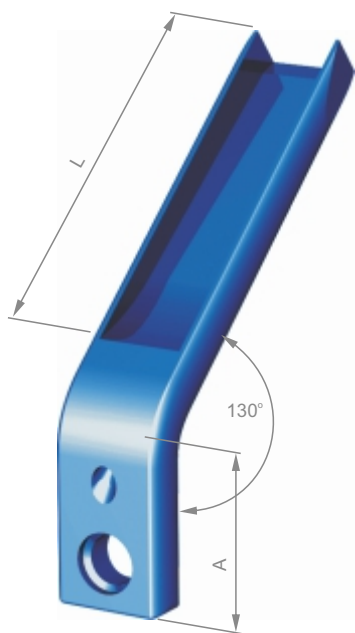
**PŁYTKA KĄTOWA 130° DO ZESPOLEŃ PRZEKŁĘTARZOWYCH**  
**ANGULAR PERTROCHANTERIC PLATE 130°**  
**wkręty / screws:  $\varnothing$  4,5 /  $\varnothing$  6,5 mm**

L (mm)	A (mm)	otwory holes	TYP / TYPE I		TYP / TYPE II		L (mm)	A (mm)	otwory holes	TYP / TYPE I		TYP / TYPE II	
			A OSTRZE BLADE	B OSTRZE BLADE	A OSTRZE BLADE	B OSTRZE BLADE				A OSTRZE BLADE	B OSTRZE BLADE		
50	68	4	X-03-01-01	X-03-02-01	X-03-03-01	X-03-04-01	90	132	8	X-03-01-55	X-03-02-55	X-03-03-55	X-03-04-55
60	68	4	X-03-01-02	X-03-02-02	X-03-03-02	X-03-04-02	95	132	8	X-03-01-56	X-03-02-56	X-03-03-56	X-03-04-56
70	68	4	X-03-01-03	X-03-02-03	X-03-03-03	X-03-04-03	100	132	8	X-03-01-57	X-03-02-57	X-03-03-57	X-03-04-57
75	68	4	X-03-01-04	X-03-02-04	X-03-03-04	X-03-04-04	105	132	8	X-03-01-58	X-03-02-58	X-03-03-58	X-03-04-58
80	68	4	X-03-01-05	X-03-02-05	X-03-03-05	X-03-04-05	110	132	8	X-03-01-59	X-03-02-59	X-03-03-59	X-03-04-59
85	68	4	X-03-01-06	X-03-02-06	X-03-03-06	X-03-04-06	50	148	9	X-03-01-34	X-03-02-34	X-03-03-34	X-03-04-34
90	68	4	X-03-01-07	X-03-02-07	X-03-03-07	X-03-04-07	60	148	9	X-03-01-35	X-03-02-35	X-03-03-35	X-03-04-35
95	68	4	X-03-01-08	X-03-02-08	X-03-03-08	X-03-04-08	70	148	9	X-03-01-31	X-03-02-31	X-03-03-31	X-03-04-31
100	68	4	X-03-01-09	X-03-02-09	X-03-03-09	X-03-04-09	75	148	9	X-03-01-31/5	X-03-02-31/5	X-03-03-31/5	X-03-04-31/5
105	68	4	X-03-01-10	X-03-02-10	X-03-03-10	X-03-04-10	80	148	9	X-03-01-32	X-03-02-32	X-03-03-32	X-03-04-32
110	68	4	X-03-01-11	X-03-02-11	X-03-03-11	X-03-04-11	85	148	9	X-03-01-32/5	X-03-02-32/5	X-03-03-32/5	X-03-04-32/5
50	100	6	X-03-01-21	X-03-02-21	X-03-03-21	X-03-04-21	90	148	9	X-03-01-33	X-03-02-33	X-03-03-33	X-03-04-33
60	100	6	X-03-01-22	X-03-02-22	X-03-03-22	X-03-04-22	95	148	9	X-03-01-36	X-03-02-36	X-03-03-36	X-03-04-36
70	100	6	X-03-01-23	X-03-02-23	X-03-03-23	X-03-04-23	100	148	9	X-03-01-37	X-03-02-37	X-03-03-37	X-03-04-37
75	100	6	X-03-01-23/5	X-03-02-23/5	X-03-03-23/5	X-03-04-23/5	105	148	9	X-03-01-38	X-03-02-38	X-03-03-38	X-03-04-38
80	100	6	X-03-01-24	X-03-02-24	X-03-03-24	X-03-04-24	110	148	9	X-03-01-39	X-03-02-39	X-03-03-39	X-03-04-39
85	100	6	X-03-01-24/5	X-03-02-24/5	X-03-03-24/5	X-03-04-24/5	50	196	12	X-03-01-44	X-03-02-44	X-03-03-44	X-03-04-44
90	100	6	X-03-01-25	X-03-02-25	X-03-03-25	X-03-04-25	60	196	12	X-03-01-45	X-03-02-45	X-03-03-45	X-03-04-45
95	100	6	X-03-01-26	X-03-02-26	X-03-03-26	X-03-04-26	70	196	12	X-03-01-41	X-03-02-41	X-03-03-41	X-03-04-41
100	100	6	X-03-01-27	X-03-02-27	X-03-03-27	X-03-04-27	75	196	12	X-03-01-41/5	X-03-02-41/5	X-03-03-41/5	X-03-04-41/5
105	100	6	X-03-01-28	X-03-02-28	X-03-03-28	X-03-04-28	80	196	12	X-03-01-42	X-03-02-42	X-03-03-42	X-03-04-42
110	100	6	X-03-01-29	X-03-02-29	X-03-03-29	X-03-04-29	85	196	12	X-03-01-42/5	X-03-02-42/5	X-03-03-42/5	X-03-04-42/5
50	132	8	X-03-01-51	X-03-02-51	X-03-03-51	X-03-04-51	90	196	12	X-03-01-43	X-03-02-43	X-03-03-43	X-03-04-43
60	132	8	X-03-01-52	X-03-02-52	X-03-03-52	X-03-04-52	95	196	12	X-03-01-46	X-03-02-46	X-03-03-46	X-03-04-46
70	132	8	X-03-01-53	X-03-02-53	X-03-03-53	X-03-04-53	100	196	12	X-03-01-47	X-03-02-47	X-03-03-47	X-03-04-47
75	132	8	X-03-01-53/5	X-03-02-53/5	X-03-03-53/5	X-03-04-53/5	105	196	12	X-03-01-48	X-03-02-48	X-03-03-48	X-03-04-48
80	132	8	X-03-01-54	X-03-02-54	X-03-03-54	X-03-04-54	110	196	12	X-03-01-49	X-03-02-49	X-03-03-49	X-03-04-49
85	132	8	X-03-01-54/5	X-03-02-54/5	X-03-03-54/5	X-03-04-54/5							



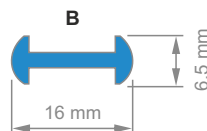
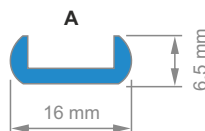
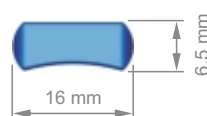
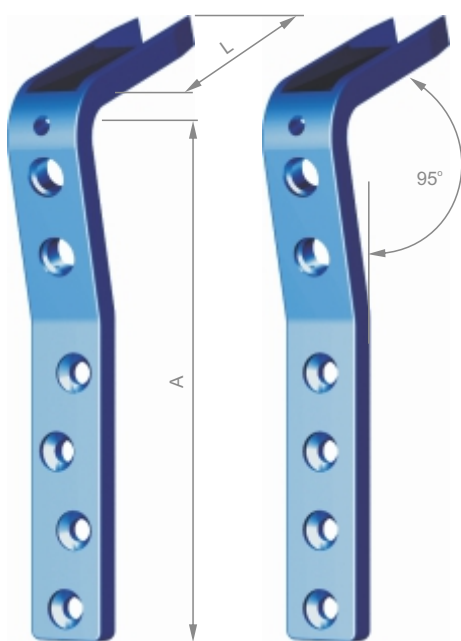
**PLYTKA KĄTOWA SAMODOCISKOWA 130° DO ZESPOLEŃ PRZEZKRĘTARZOWYCH**  
**AUTOCOMPRESSION ANGULAR PERTROCHANTERIC PLATE 130°**  
**wkręty / screws: ø 4,5 mm**

L (mm)	A (mm)	otwory holes	TYP / TYPE I		TYP / TYPE II		L (mm)	A (mm)	otwory holes	TYP / TYPE I		TYP / TYPE II	
			A OSTRZE BLADE	B OSTRZE BLADE	A OSTRZE BLADE	B OSTRZE BLADE				A OSTRZE BLADE	B OSTRZE BLADE	A OSTRZE BLADE	B OSTRZE BLADE
50	68	4	X-03-06-01	X-03-07-01	X-03-08-01	X-03-09-01	90	132	8	X-03-06-55	X-03-07-55	X-03-08-55	X-03-09-55
60	68	4	X-03-06-02	X-03-07-02	X-03-08-02	X-03-09-02	95	132	8	X-03-06-56	X-03-07-56	X-03-08-56	X-03-09-56
70	68	4	X-03-06-03	X-03-07-03	X-03-08-03	X-03-09-03	100	132	8	X-03-06-57	X-03-07-57	X-03-08-57	X-03-09-57
75	68	4	X-03-06-04	X-03-07-04	X-03-08-04	X-03-09-04	105	132	8	X-03-06-58	X-03-07-58	X-03-08-58	X-03-09-58
80	68	4	X-03-06-05	X-03-07-05	X-03-08-05	X-03-09-05	110	132	8	X-03-06-59	X-03-07-59	X-03-08-59	X-03-09-59
85	68	4	X-03-06-06	X-03-07-06	X-03-08-06	X-03-09-06	50	148	9	X-03-06-34	X-03-07-34	X-03-08-34	X-03-09-34
90	68	4	X-03-06-07	X-03-07-07	X-03-08-07	X-03-09-07	60	148	9	X-03-06-35	X-03-07-35	X-03-08-35	X-03-09-35
95	68	4	X-03-06-08	X-03-07-08	X-03-08-08	X-03-09-08	70	148	9	X-03-06-31	X-03-07-31	X-03-08-31	X-03-09-31
100	68	4	X-03-06-09	X-03-07-09	X-03-08-09	X-03-09-09	75	148	9	X-03-06-31/5	X-03-07-31/5	X-03-08-31/5	X-03-09-31/5
105	68	4	X-03-06-10	X-03-07-10	X-03-08-10	X-03-09-10	80	148	9	X-03-06-32	X-03-07-32	X-03-08-32	X-03-09-32
110	68	4	X-03-06-11	X-03-07-11	X-03-08-11	X-03-09-11	85	148	9	X-03-06-32/5	X-03-07-32/5	X-03-08-32/5	X-03-09-32/5
50	100	6	X-03-06-21	X-03-07-21	X-03-08-21	X-03-09-21	90	148	9	X-03-06-33	X-03-07-33	X-03-08-33	X-03-09-33
60	100	6	X-03-06-22	X-03-07-22	X-03-08-22	X-03-09-22	95	148	9	X-03-06-36	X-03-07-36	X-03-08-36	X-03-09-36
70	100	6	X-03-06-23	X-03-07-23	X-03-08-23	X-03-09-23	100	148	9	X-03-06-37	X-03-07-37	X-03-08-37	X-03-09-37
75	100	6	X-03-06-23/5	X-03-07-23/5	X-03-08-23/5	X-03-09-23/5	105	148	9	X-03-06-38	X-03-07-38	X-03-08-38	X-03-09-38
80	100	6	X-03-06-24	X-03-07-24	X-03-08-24	X-03-09-24	110	148	9	X-03-06-39	X-03-07-39	X-03-08-39	X-03-09-39
85	100	6	X-03-06-24/5	X-03-07-24/5	X-03-08-24/5	X-03-09-24/5	50	196	12	X-03-06-44	X-03-07-44	X-03-08-44	X-03-09-44
90	100	6	X-03-06-25	X-03-07-25	X-03-08-25	X-03-09-25	60	196	12	X-03-06-45	X-03-07-45	X-03-08-45	X-03-09-45
95	100	6	X-03-06-26	X-03-07-26	X-03-08-26	X-03-09-26	70	196	12	X-03-06-41	X-03-07-41	X-03-08-41	X-03-09-41
100	100	6	X-03-06-27	X-03-07-27	X-03-08-27	X-03-09-27	75	196	12	X-03-06-41/5	X-03-07-41/5	X-03-08-41/5	X-03-09-41/5
105	100	6	X-03-06-28	X-03-07-28	X-03-08-28	X-03-09-28	80	196	12	X-03-06-42	X-03-07-42	X-03-08-42	X-03-09-42
110	100	6	X-03-06-29	X-03-07-29	X-03-08-29	X-03-09-29	85	196	12	X-03-06-42/5	X-03-07-42/5	X-03-08-42/5	X-03-09-42/5
50	132	8	X-03-06-51	X-03-07-51	X-03-08-51	X-03-09-51	90	196	12	X-03-06-43	X-03-07-43	X-03-08-43	X-03-09-43
60	132	8	X-03-06-52	X-03-07-52	X-03-08-52	X-03-09-52	95	196	12	X-03-06-46	X-03-07-46	X-03-08-46	X-03-09-46
70	132	8	X-03-06-53	X-03-07-53	X-03-08-53	X-03-09-53	100	196	12	X-03-06-47	X-03-07-47	X-03-08-47	X-03-09-47
75	132	8	X-03-06-53/5	X-03-07-53/5	X-03-08-53/5	X-03-09-53/5	105	196	12	X-03-06-48	X-03-07-48	X-03-08-48	X-03-09-48
80	132	8	X-03-06-54	X-03-07-54	X-03-08-54	X-03-09-54	110	196	12	X-03-06-49	X-03-07-49	X-03-08-49	X-03-09-49
85	132	8	X-03-06-54/5	X-03-07-54/5	X-03-08-54/5	X-03-09-54/5							



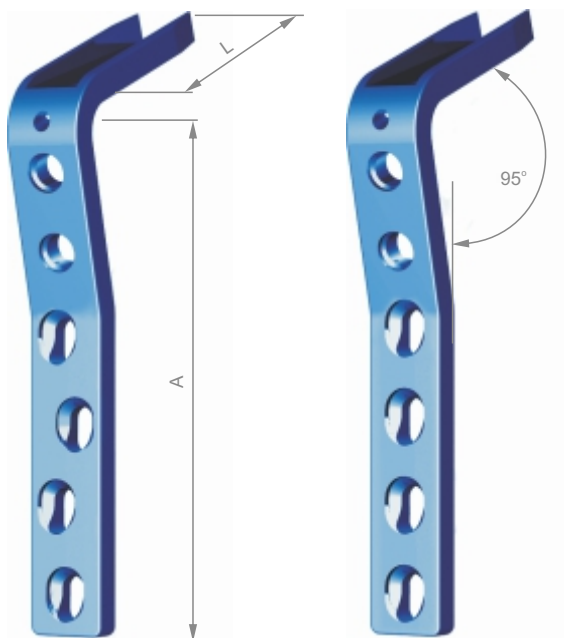
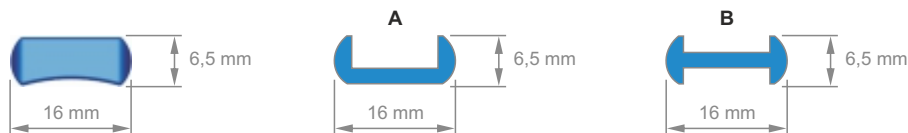
▲  
**PŁYTKA KĄTOWA 130° DO SZYJKI KOŚCI UDOWEJ**  
**FEMORAL NECK PLATE 130°**  
wkrety / screws:  $\varnothing 4,5$  /  $\varnothing 6,5$  mm

L (mm)	A (mm)	otwory holes	A OSTRZE BLADE	B OSTRZE BLADE
50	22	1	X-03-11-50	X-03-12-50
60	22	1	X-03-11-60	X-03-12-60
70	22	1	X-03-11-70	X-03-12-70
75	22	1	X-03-11-75	X-03-12-75
80	22	1	X-03-11-80	X-03-12-80
85	22	1	X-03-11-85	X-03-12-85
90	22	1	X-03-11-90	X-03-12-90
95	22	1	X-03-11-95	X-03-12-95
100	22	1	X-03-11-100	X-03-12-100
105	22	1	X-03-11-105	X-03-12-105
110	22	1	X-03-11-110	X-03-12-110
50	36	2	X-03-10-50	X-03-13-50
60	36	2	X-03-10-60	X-03-13-60
70	36	2	X-03-10-70	X-03-13-70
75	36	2	X-03-10-75	X-03-13-75
80	36	2	X-03-10-80	X-03-13-80
85	36	2	X-03-10-85	X-03-13-85
90	36	2	X-03-10-90	X-03-13-90
95	36	2	X-03-10-95	X-03-13-95
100	36	2	X-03-10-100	X-03-13-100
105	36	2	X-03-10-105	X-03-13-105
110	36	2	X-03-10-110	X-03-13-110



▲  
**PŁYTKA KĄTOWA 95°**  
**ANGULAR PLATE 95°**  
otwory pod wkrety / screws:  $\varnothing 4,5$  /  $\varnothing 6,5$  mm

L (mm)	A (mm)	otwory holes	TVP / TYPE I		TVP / TYPE II	
			A OSTRZE BLADE	B OSTRZE BLADE	A OSTRZE BLADE	B OSTRZE BLADE
50	92	5	X-03-14-01	X-03-15-01	X-03-16-01	X-03-17-01
60	92	5	X-03-14-02	X-03-15-02	X-03-16-02	X-03-17-02
70	92	5	X-03-14-03	X-03-15-03	X-03-16-03	X-03-17-03
80	92	5	X-03-14-04	X-03-15-04	X-03-16-04	X-03-17-04
90	92	5	X-03-14-05	X-03-15-05	X-03-16-05	X-03-17-05
50	108	6	X-03-14-06	X-03-15-06	X-03-16-06	X-03-17-06
60	108	6	X-03-14-07	X-03-15-07	X-03-16-07	X-03-17-07
70	108	6	X-03-14-08	X-03-15-08	X-03-16-08	X-03-17-08
80	108	6	X-03-14-09	X-03-15-09	X-03-16-09	X-03-17-09
90	108	6	X-03-14-10	X-03-15-10	X-03-16-10	X-03-17-10
50	124	7	X-03-14-11	X-03-15-11	X-03-16-11	X-03-17-11
60	124	7	X-03-14-12	X-03-15-12	X-03-16-12	X-03-17-12
70	124	7	X-03-14-13	X-03-15-13	X-03-16-13	X-03-17-13
80	124	7	X-03-14-14	X-03-15-14	X-03-16-14	X-03-17-14
90	124	7	X-03-14-15	X-03-15-15	X-03-16-15	X-03-17-15
50	156	9	X-03-14-21	X-03-15-21	X-03-16-21	X-03-17-21
60	156	9	X-03-14-22	X-03-15-22	X-03-16-22	X-03-17-22
70	156	9	X-03-14-23	X-03-15-23	X-03-16-23	X-03-17-23
80	156	9	X-03-14-24	X-03-15-24	X-03-16-24	X-03-17-24
90	156	9	X-03-14-25	X-03-15-25	X-03-16-25	X-03-17-25
50	204	12	X-03-14-31	X-03-15-31	X-03-16-31	X-03-17-31
60	204	12	X-03-14-32	X-03-15-32	X-03-16-32	X-03-17-32
70	204	12	X-03-14-33	X-03-15-33	X-03-16-33	X-03-17-33
80	204	12	X-03-14-34	X-03-15-34	X-03-16-34	X-03-17-34
90	204	12	X-03-14-35	X-03-15-35	X-03-16-35	X-03-17-35



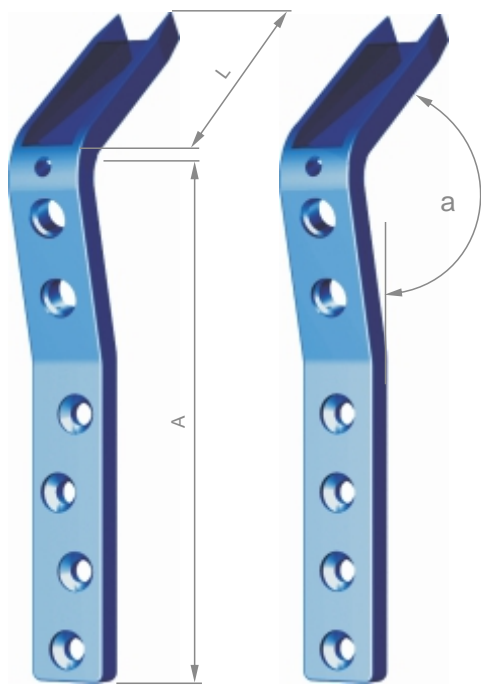
**TYP / TYPE I**

**TYP / TYPE II**

**PŁYTKA KĄTOWA 95° SAMODOCISKOWA  
AUTOCOMPRESSION ANGULAR PLATE 95°  
wkręty / screws:  $\varnothing$  4,5 /  $\varnothing$  6,5 mm**

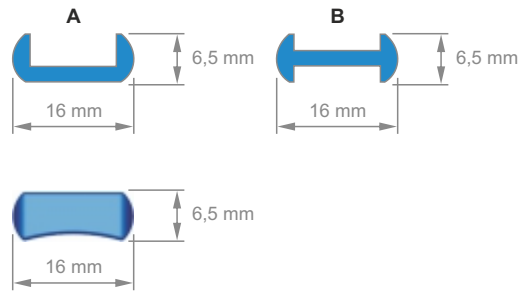
L (mm)	A (mm)	otwory holes	TYP / TYPE I		TYP / TYPE II	
			A OSTRZE BLADE	B OSTRZE BLADE	A OSTRZE BLADE	B OSTRZE BLADE
50	92	5	X-03-19-01	X-03-20-01	X-03-21-01	X-03-22-01
60	92	5	X-03-19-02	X-03-20-02	X-03-21-02	X-03-22-02
70	92	5	X-03-19-03	X-03-20-03	X-03-21-03	X-03-22-03
80	92	5	X-03-19-04	X-03-20-04	X-03-21-04	X-03-22-04
90	92	5	X-03-19-05	X-03-20-05	X-03-21-05	X-03-22-05
50	108	6	X-03-19-06	X-03-20-06	X-03-21-06	X-03-22-06
60	108	6	X-03-19-07	X-03-20-07	X-03-21-07	X-03-22-07
70	108	6	X-03-19-08	X-03-20-08	X-03-21-08	X-03-22-08
80	108	6	X-03-19-09	X-03-20-09	X-03-21-09	X-03-22-09
90	108	6	X-03-19-10	X-03-20-10	X-03-21-10	X-03-22-10
50	124	7	X-03-19-11	X-03-20-11	X-03-21-11	X-03-22-11
60	124	7	X-03-19-12	X-03-20-12	X-03-21-12	X-03-22-12
70	124	7	X-03-19-13	X-03-20-13	X-03-21-13	X-03-22-13
80	124	7	X-03-19-14	X-03-20-14	X-03-21-14	X-03-22-14
90	124	7	X-03-19-15	X-03-20-15	X-03-21-15	X-03-22-15
50	156	9	X-03-19-21	X-03-20-21	X-03-21-21	X-03-22-21
60	156	9	X-03-19-22	X-03-20-22	X-03-21-22	X-03-22-22
70	156	9	X-03-19-23	X-03-20-23	X-03-21-23	X-03-22-23
80	156	9	X-03-19-24	X-03-20-24	X-03-21-24	X-03-22-24
90	156	9	X-03-19-25	X-03-20-25	X-03-21-25	X-03-22-25
50	204	12	X-03-19-31	X-03-20-31	X-03-21-31	X-03-22-31
60	204	12	X-03-19-32	X-03-20-32	X-03-21-32	X-03-22-32
70	204	12	X-03-19-33	X-03-20-33	X-03-21-33	X-03-22-33
80	204	12	X-03-19-34	X-03-20-34	X-03-21-34	X-03-22-34
90	204	12	X-03-19-35	X-03-20-35	X-03-21-35	X-03-22-35





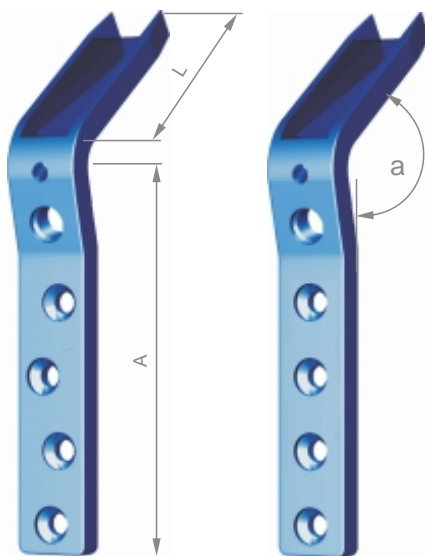
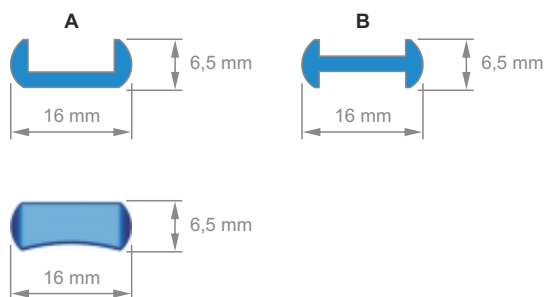
TYP / TYPE I

TYP / TYPE II



◀ **PLYTKA KĄTOWA  
DO OSTEOTOMII MIĘDZYKRĘTARZOWEJ**  
ANGULAR PLATE  
FOR TROCHANTER OSTEOTOMY  
wkrety / screws:  $\varnothing$  4,5 /  $\varnothing$  6,5 mm

$\alpha$ (°)	L (mm)	A (mm)	otwory holes	TYP / TYPE I		TYP / TYPE II	
				A OSTRZE BLADE	B OSTRZE BLADE	A OSTRZE BLADE	B OSTRZE BLADE
105	50	106	6	X-03-87-10	X-03-87-20	X-03-87-30	X-03-87-40
105	60	106	6	X-03-87-11	X-03-87-21	X-03-87-31	X-03-87-41
105	70	106	6	X-03-87-12	X-03-87-22	X-03-87-32	X-03-87-42
105	80	106	6	X-03-87-13	X-03-87-23	X-03-87-33	X-03-87-43
105	90	106	6	X-03-87-14	X-03-87-24	X-03-87-34	X-03-87-44
105	100	106	6	X-03-87-15	X-03-87-25	X-03-87-35	X-03-87-45
110	50	106	6	X-03-88-10	X-03-88-20	X-03-88-30	X-03-88-40
110	60	106	6	X-03-88-11	X-03-88-21	X-03-88-31	X-03-88-41
110	70	106	6	X-03-88-12	X-03-88-22	X-03-88-32	X-03-88-42
110	80	106	6	X-03-88-13	X-03-88-23	X-03-88-33	X-03-88-43
110	90	106	6	X-03-88-14	X-03-88-24	X-03-88-34	X-03-88-44
110	100	106	6	X-03-88-15	X-03-88-25	X-03-88-35	X-03-88-45
115	50	106	6	X-03-89-10	X-03-89-20	X-03-89-30	X-03-89-40
115	60	106	6	X-03-89-11	X-03-89-21	X-03-89-31	X-03-89-41
115	70	106	6	X-03-89-12	X-03-89-22	X-03-89-32	X-03-89-42
115	80	106	6	X-03-89-13	X-03-89-23	X-03-89-33	X-03-89-43
115	90	106	6	X-03-89-14	X-03-89-24	X-03-89-34	X-03-89-44
115	100	106	6	X-03-89-15	X-03-89-25	X-03-89-35	X-03-89-45
120	50	106	6	X-03-90-10	X-03-90-20	X-03-90-30	X-03-90-40
120	60	106	6	X-03-90-11	X-03-90-21	X-03-90-31	X-03-90-41
120	70	106	6	X-03-90-12	X-03-90-22	X-03-90-32	X-03-90-42
120	80	106	6	X-03-90-13	X-03-90-23	X-03-90-33	X-03-90-43
120	90	106	6	X-03-90-14	X-03-90-24	X-03-90-34	X-03-90-44
120	100	106	6	X-03-90-15	X-03-90-25	X-03-90-35	X-03-90-45
125	50	106	6	X-03-91-10	X-03-91-20	X-03-91-30	X-03-91-40
125	60	106	6	X-03-91-11	X-03-91-21	X-03-91-31	X-03-91-41
125	70	106	6	X-03-91-12	X-03-91-22	X-03-91-32	X-03-91-42
125	80	106	6	X-03-91-13	X-03-91-23	X-03-91-33	X-03-91-43
125	90	106	6	X-03-91-14	X-03-91-24	X-03-91-34	X-03-91-44
125	100	106	6	X-03-91-15	X-03-91-25	X-03-91-35	X-03-91-45
130	50	106	6	X-03-92-10	X-03-92-20	X-03-92-30	X-03-92-40
130	60	106	6	X-03-92-11	X-03-92-21	X-03-92-31	X-03-92-41
130	70	106	6	X-03-92-12	X-03-92-22	X-03-92-32	X-03-92-42
130	80	106	6	X-03-92-13	X-03-92-23	X-03-92-33	X-03-92-43
130	90	106	6	X-03-92-14	X-03-92-24	X-03-92-34	X-03-92-44
130	100	106	6	X-03-92-15	X-03-92-25	X-03-92-35	X-03-92-45



TYP / TYPE I

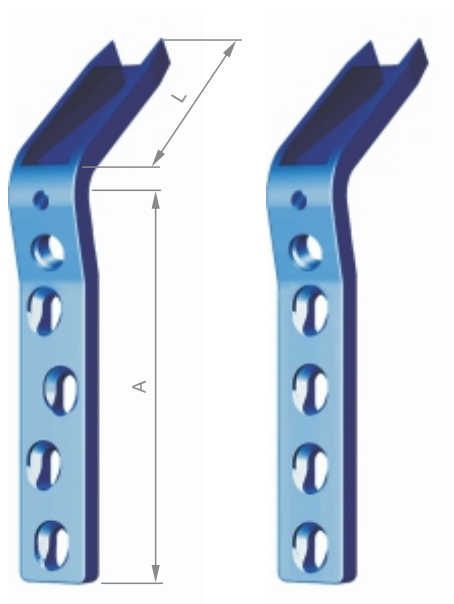
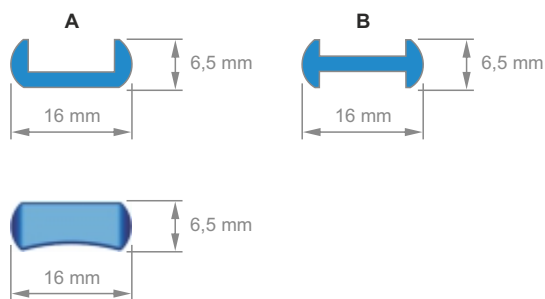
TYP / TYPE II

**PŁYTKA KĄTOWA 110°, 120°, 130°**

ANGULAR PLATE 110°, 120°, 130°

wkręty / screws:  $\varnothing 4,5$  /  $\varnothing 6,5$  mm

$\alpha$ (°)	L (mm)	A (mm)	TYP / TYPE I		TYP / TYPE II	
			A OSTRZE BLADE	B OSTRZE BLADE	A OSTRZE BLADE	B OSTRZE BLADE
110	65	85	X-03-24-01	X-03-25-01	X-03-26-01	X-03-27-01
110	75	85	X-03-24-02	X-03-25-02	X-03-26-02	X-03-27-02
110	85	85	X-03-24-03	X-03-25-03	X-03-26-03	X-03-27-03
120	65	85	X-03-24-11	X-03-25-11	X-03-26-11	X-03-27-11
120	75	85	X-03-24-12	X-03-25-12	X-03-26-12	X-03-27-12
120	85	85	X-03-24-13	X-03-25-13	X-03-26-13	X-03-27-13
130	65	85	X-03-24-21	X-03-25-21	X-03-26-21	X-03-27-21
130	70	85	X-03-24-22	X-03-25-22	X-03-26-22	X-03-27-22
130	75	85	X-03-24-23	X-03-25-23	X-03-26-23	X-03-27-23
130	80	85	X-03-24-24	X-03-25-24	X-03-26-24	X-03-27-24
130	85	85	X-03-24-25	X-03-25-25	X-03-26-25	X-03-27-25
130	90	85	X-03-24-26	X-03-25-26	X-03-26-26	X-03-27-26
130	95	85	X-03-24-27	X-03-25-27	X-03-26-27	X-03-27-27
130	100	85	X-03-24-28	X-03-25-28	X-03-26-28	X-03-27-28
130	105	85	X-03-24-29	X-03-25-29	X-03-26-29	X-03-27-29
130	110	85	X-03-24-30	X-03-25-30	X-03-26-30	X-03-27-30

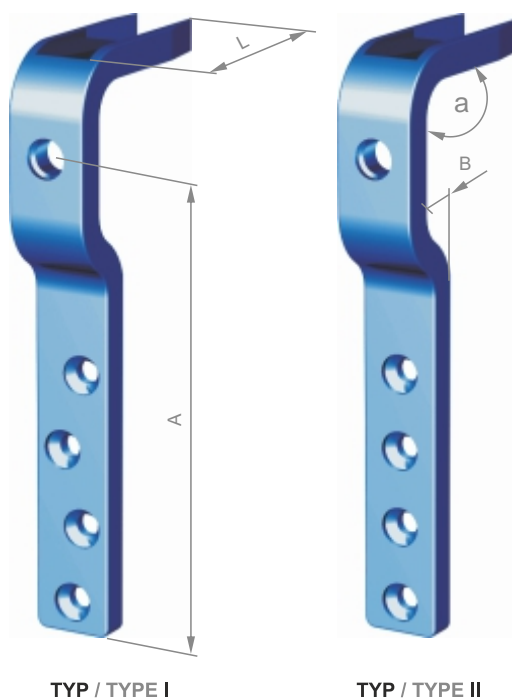
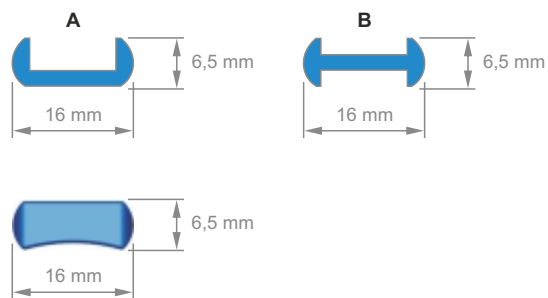


**TYP / TYPE I**

**TYP / TYPE II**

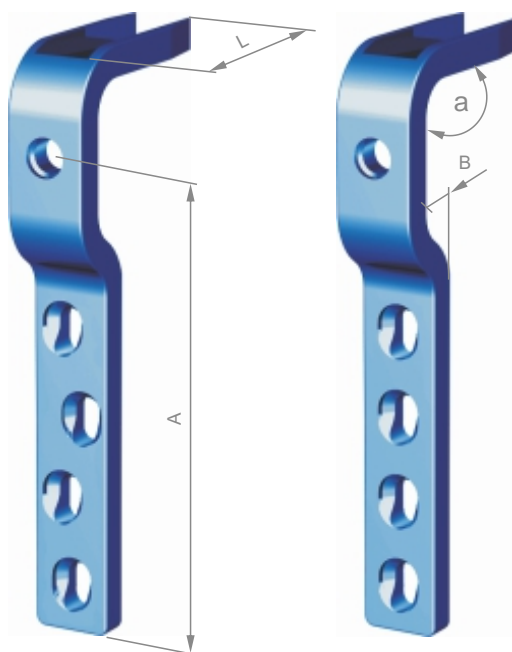
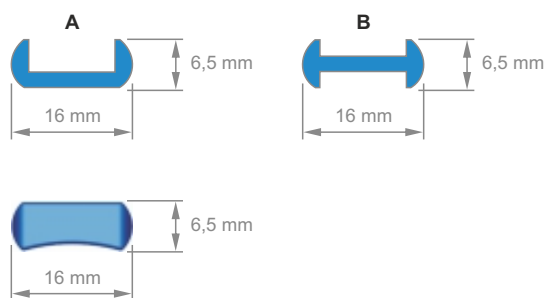
**▲**  
**PŁYTKA KĄTOWA SAMODOCISKOWA 110° ,120° ,130°**  
**AUTOCOMPRESSION ANGULAR PLATE 110° ,120° ,130°**  
**wkręty / screws: ø 4,5 / ø 6,5 mm**

α (°)	L (mm)	A (mm)	TYP / TYPE I		TYP / TYPE II	
			A OSTRZE BLADE	B OSTRZE BLADE	A OSTRZE BLADE	B OSTRZE BLADE
110	65	85	X-03-29-01	X-03-30-01	X-03-31-01	X-03-32-01
110	75	85	X-03-29-02	X-03-30-02	X-03-31-02	X-03-32-02
110	85	85	X-03-29-03	X-03-30-03	X-03-31-03	X-03-32-03
120	65	85	X-03-29-11	X-03-30-11	X-03-31-11	X-03-32-11
120	75	85	X-03-29-12	X-03-30-12	X-03-31-12	X-03-32-12
120	85	85	X-03-29-13	X-03-30-13	X-03-31-13	X-03-32-13
130	65	85	X-03-29-21	X-03-30-21	X-03-31-21	X-03-32-21
130	70	85	X-03-29-22	X-03-30-22	X-03-31-22	X-03-32-22
130	75	85	X-03-29-23	X-03-30-23	X-03-31-23	X-03-32-23
130	80	85	X-03-29-24	X-03-30-24	X-03-31-24	X-03-32-24
130	85	85	X-03-29-25	X-03-30-25	X-03-31-25	X-03-32-25
130	90	85	X-03-29-26	X-03-30-26	X-03-31-26	X-03-32-26
130	95	85	X-03-29-27	X-03-30-27	X-03-31-27	X-03-32-27
130	100	85	X-03-29-28	X-03-30-28	X-03-31-28	X-03-32-28
130	105	85	X-03-29-29	X-03-30-29	X-03-31-29	X-03-32-29
130	110	85	X-03-29-30	X-03-30-30	X-03-31-30	X-03-32-30



**PLYTKA KĄTOWA 90° ,100°  
ANGULAR PLATE 90° ,100°  
wkrety / screws:  $\varnothing$  4,5 /  $\varnothing$  6,5 mm**

C $\alpha$ (°)	L (mm)	A (mm)	B (mm)	TYP / TYPE I		TYP / TYPE II	
				A OSTRZE BLADE	B OSTRZE BLADE	A OSTRZE BLADE	B OSTRZE BLADE
90	40	100	10	X-03-34-40	X-03-35-40	X-03-36-40	X-03-37-40
90	50	100	15	X-03-34-50	X-03-35-50	X-03-36-50	X-03-37-50
90	60	100	15	X-03-34-60	X-03-35-60	X-03-36-60	X-03-37-60
90	70	100	20	X-03-34-70	X-03-35-70	X-03-36-70	X-03-37-70
100	80	100	20	X-03-34-80	X-03-35-80	X-03-36-80	X-03-37-80

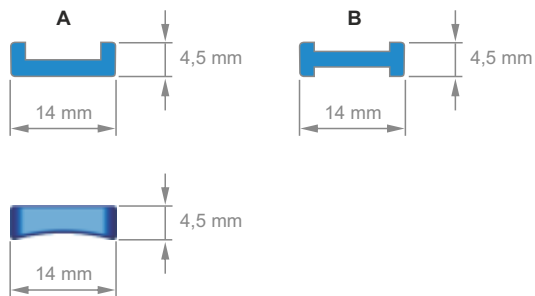
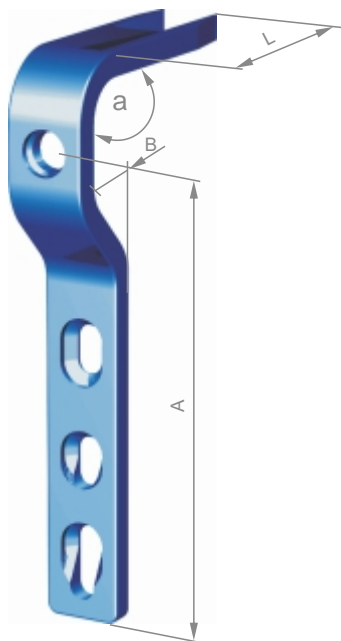


**TYP / TYPE I**

**TYP / TYPE II**

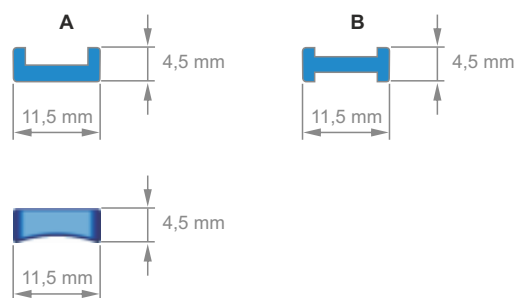
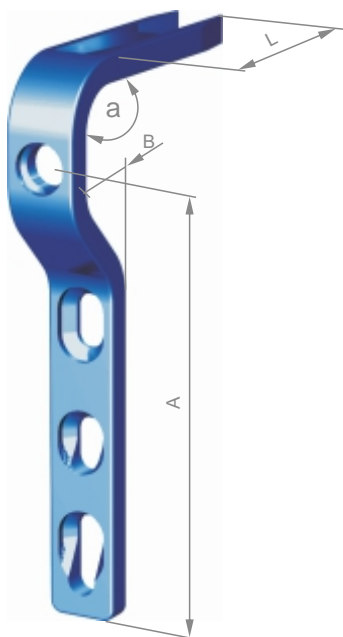
▲  
**PŁYTKA KĄTOWA SAMODOCISKOWA 90°**  
**AUTOCOMPRESSION ANGULAR PLATE 90°**  
**wkręty / screws:  $\varnothing$  4,5 /  $\varnothing$  6,5 mm**

$\alpha$ (°)	L (mm)	A (mm)	B (mm)	TYP / TYPE I		TYP / TYPE II	
				A OSTRZE BLADE	B OSTRZE BLADE	A OSTRZE BLADE	B OSTRZE BLADE
90	40	100	12	X-03-39-01	X-03-40-01	X-03-41-01	X-03-42-01
90	50	100	12	X-03-39-02	X-03-40-02	X-03-41-02	X-03-42-02
90	60	100	12	X-03-39-03	X-03-40-03	X-03-41-03	X-03-42-03
90	70	100	12	X-03-39-04	X-03-40-04	X-03-41-04	X-03-42-04
90	80	100	12	X-03-39-05	X-03-40-05	X-03-41-05	X-03-42-05
90	40	100	24	X-03-39-11	X-03-40-11	X-03-41-11	X-03-42-11
90	50	100	24	X-03-39-12	X-03-40-12	X-03-41-12	X-03-42-12
90	60	100	24	X-03-39-13	X-03-40-13	X-03-41-13	X-03-42-13
90	70	100	24	X-03-39-14	X-03-40-14	X-03-41-14	X-03-42-14
90	80	100	24	X-03-39-15	X-03-40-15	X-03-41-15	X-03-42-15



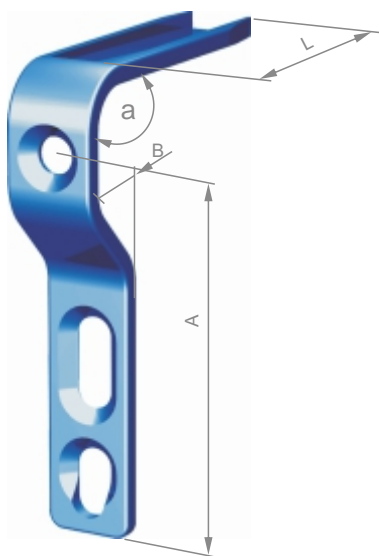
**PLYTKA KĄTOWA SAMODOCISKOWA 90°**  
AUTOCOMPRESSION ANGULAR PLATE 90°  
wkrety / screws:  $\varnothing$  4,5 /  $\varnothing$  6,5 mm

$\alpha$ (°)	L (mm)	A (mm)	B (mm)	A OSTRZE BLADE	B OSTRZE BLADE
90	45	95	12	X-03-44-45	X-03-45-45
90	50	95	12	X-03-44-50	X-03-45-50

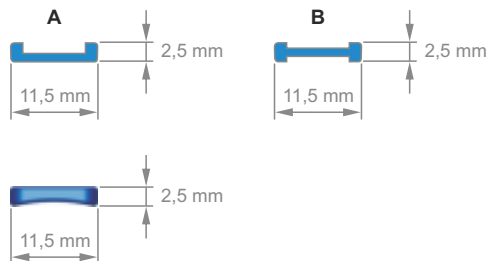


**PLYTKA KĄTOWA SAMODOCISKOWA 90°**  
AUTOCOMPRESSION ANGULAR PLATE 90°  
wkrety / screws:  $\varnothing$  4,5 /  $\varnothing$  6,5 mm

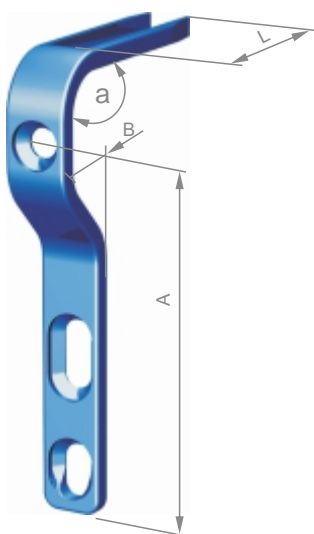
$\alpha$ (°)	L (mm)	A (mm)	B (mm)	A OSTRZE BLADE	B OSTRZE BLADE
90	30	75	12	X-03-47-30	X-03-48-30
90	35	75	12	X-03-47-35	X-03-48-35
90	40	75	12	X-03-47-40	X-03-48-40
90	45	75	12	X-03-47-45	X-03-48-45
90	50	75	12	X-03-47-50	X-03-48-50
90	55	75	13	X-03-47-55	X-03-48-55



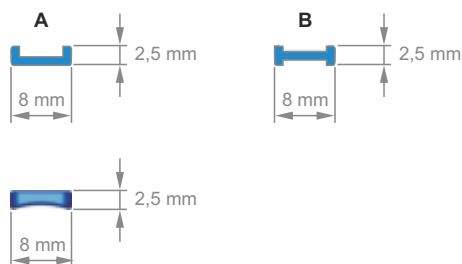
**PŁYTKA KĄTOWA SAMODOCISKOWA 90°**  
**AUTOCOMPRESSION ANGULAR PLATE 90°**  
 wkręty / screws:  $\varnothing$  4,5



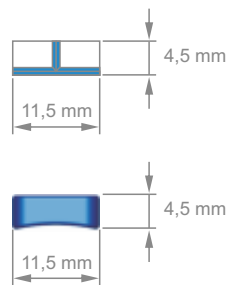
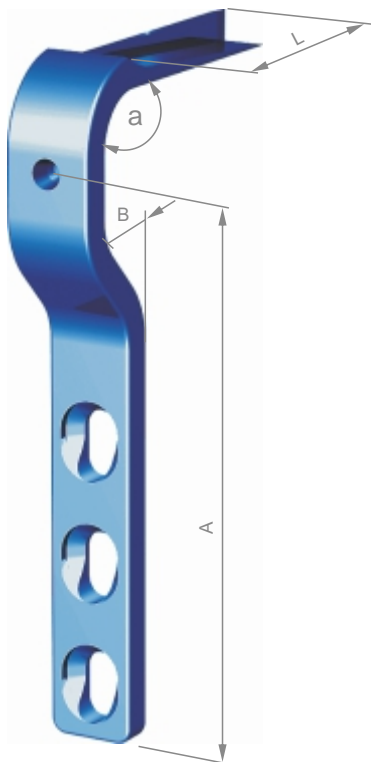
$\alpha$ (°)	L (mm)	A (mm)	B (mm)	A OSTRZE BLADE	B OSTRZE BLADE
90	20	50	9	X-03-50-20	X-03-51-20
90	30	50	9	X-03-50-30	X-03-51-30
90	35	50	9	X-03-50-35	X-03-51-35
90	40	50	9	X-03-50-40	X-03-51-40



**PŁYTKA KĄTOWA SAMODOCISKOWA 90°**  
**AUTOCOMPRESSION ANGULAR PLATE 90°**  
 wkręty / screws:  $\varnothing$  3,5

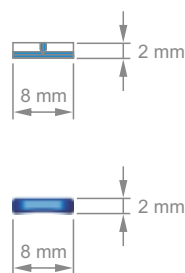
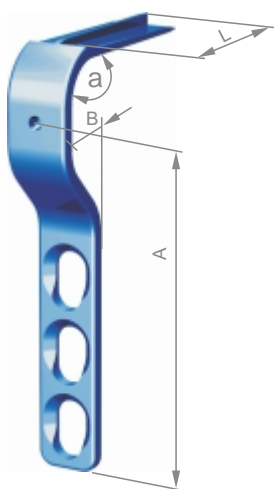


$\alpha$ (°)	L (mm)	A (mm)	B (mm)	A OSTRZE BLADE	B OSTRZE BLADE
90	20	48	8	X-03-53-20	X-03-54-20
90	25	48	8	X-03-53-25	X-03-54-25
90	30	48	8	X-03-53-30	X-03-54-30



**PŁYTKA KĄTOWA SAMODOCISKOWA  
AUTOCOMPRESSION ANGULAR PLATE**  
wkręty / screws:  $\varnothing$  4,5 mm

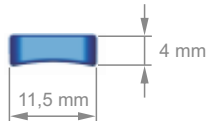
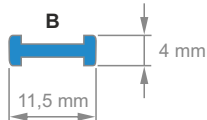
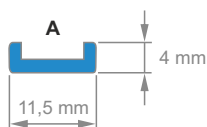
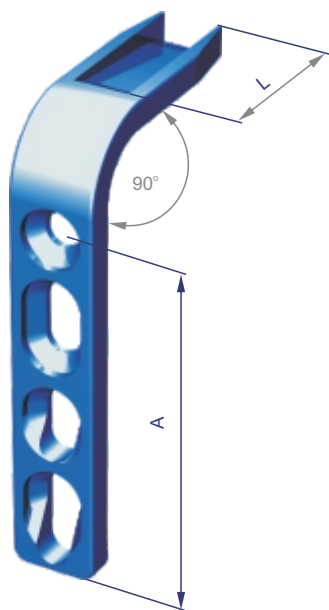
$\alpha$ (°)	L (mm)	A (mm)	B (mm)	Nr kat.
90	40	75	10	X-03-56-01
90	50	75	10	X-03-56-02
90	40	75	15	X-03-56-03
90	50	75	15	X-03-56-04
80	35	70	8	X-03-56-05
80	45	70	8	X-03-56-06
90	35	70	8	X-03-56-07
90	45	70	8	X-03-56-08
100	35	70	8	X-03-56-09
100	45	70	8	X-03-56-10



**PŁYTKA KĄTOWA SAMODOCISKOWA  
AUTOCOMPRESSION ANGULAR PLATE**  
wkręty / screws:  $\varnothing$  3,5 /  $\varnothing$  4,0 mm

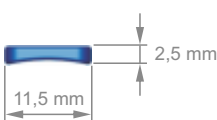
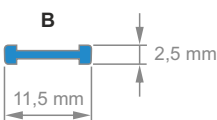
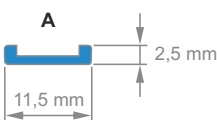
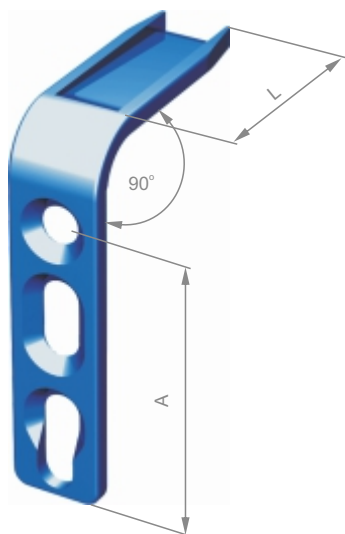
$\alpha$ (°)	L (mm)	A (mm)	B (mm)	Nr kat.
90	25	45	7	X-03-58-01
90	32	45	7	X-03-58-02
90	25	45	12	X-03-58-03
90	32	45	12	X-03-58-04





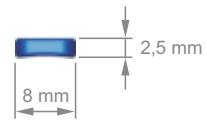
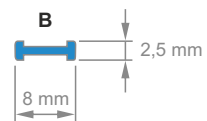
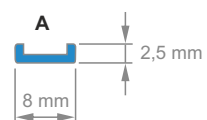
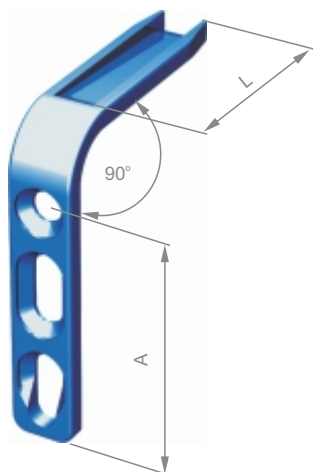
**▶ PŁYTKA KĄTOWA SAMODOCISKOWA 90°  
AUTOCOMPRESSION ANGULAR PLATE 90°  
wkręty / screws:  $\varnothing$  4,5 mm**

L (mm)	A (mm)	A OSTRZE BLADE	B OSTRZE BLADE
30	47	X-03-60-01	X-03-61-01
35	47	X-03-60-02	X-03-61-02
40	47	X-03-60-03	X-03-61-03
45	47	X-03-60-04	X-03-61-04
30	65	X-03-60-10	X-03-61-10
35	65	X-03-60-11	X-03-61-11
40	65	X-03-60-12	X-03-61-12
45	65	X-03-60-13	X-03-61-13
30	75	X-03-60-20	X-03-61-20
35	75	X-03-60-21	X-03-61-21
40	75	X-03-60-22	X-03-61-22
45	75	X-03-60-23	X-03-61-23



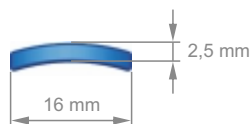
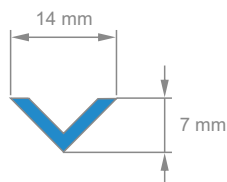
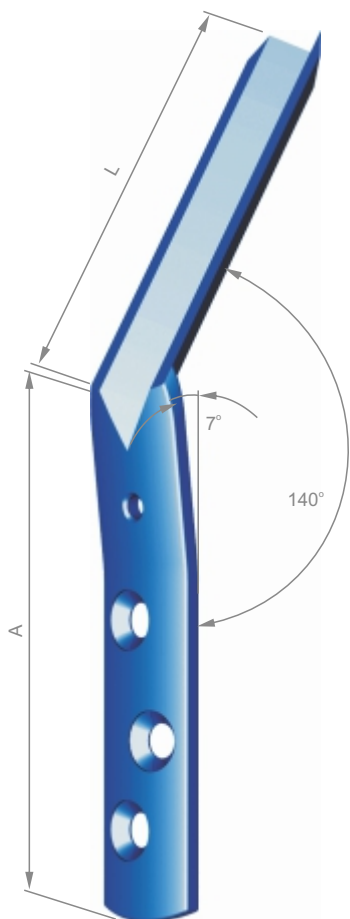
**▶ PŁYTKA KĄTOWA SAMODOCISKOWA 90°  
AUTOCOMPRESSION ANGULAR PLATE 90°  
wkręty / screws:  $\varnothing$  4,5 mm**

L (mm)	A (mm)	A OSTRZE BLADE	B OSTRZE BLADE
20	35	X-03-63-20	X-03-64-20
25	35	X-03-63-25	X-03-64-25
30	35	X-03-63-30	X-03-64-30



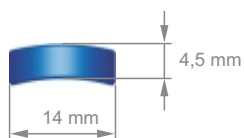
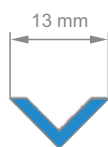
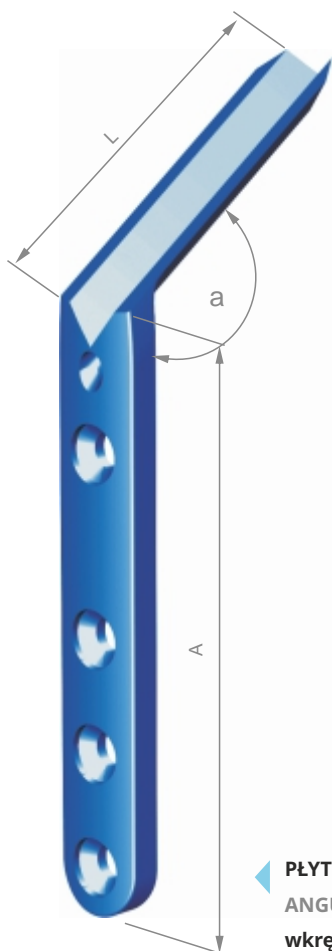
**▶ PŁYTKA KĄTOWA SAMODOCISKOWA 90°  
AUTOCOMPRESSION ANGULAR PLATE 90°  
wkręty / screws:  $\varnothing$  3,5 mm**

L (mm)	A (mm)	A OSTRZE BLADE	B OSTRZE BLADE
20	40	X-03-66-20	X-03-67-20
25	40	X-03-66-25	X-03-67-25
30	40	X-03-66-30	X-03-67-30



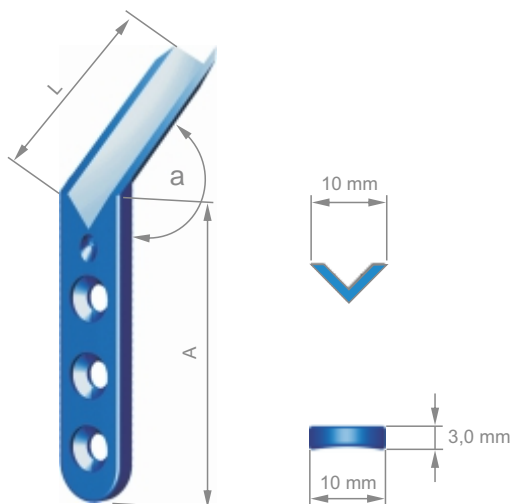
**◀ PŁYTKA NEUFELD  
NEUFELD PLATE**  
wkręty / screws:  $\varnothing$  4,5 mm

L (mm)	A (mm)	Nr kat.
60	70	X-06-32-60
70	90	X-06-32-70
80	110	X-06-32-80
90	130	X-06-32-90



**◀ PŁYTKA KĄTOWA  
ANGULAR PLATE**  
wkręty / screws:  $\varnothing$  4,5 mm

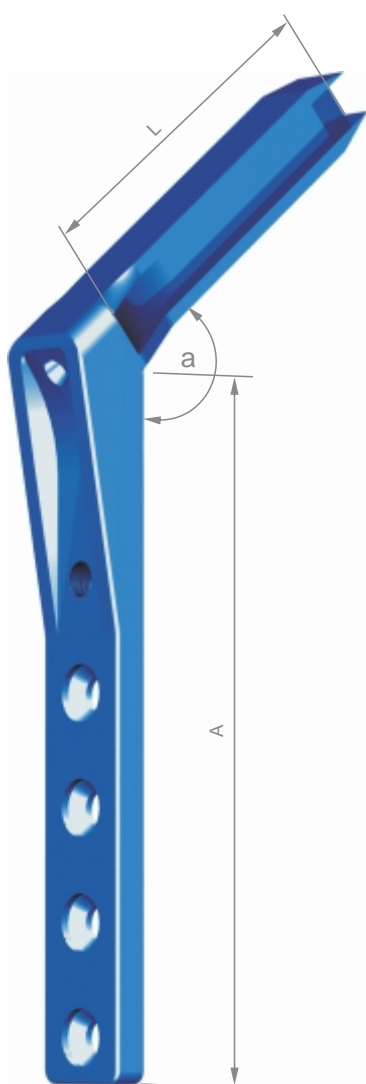
$\alpha$ (°)	L (mm)	A (mm)	otwory holes	Nr kat.
125	30	80	4	X-03-68- 01
125	35	80	4	X-03-68- 02
125	40	80	4	X-03-68- 03
125	45	80	4	X-03-68- 04
125	50	80	4	X-03-68- 05
125	60	80	4	X-03-68- 06
135	30	80	4	X-03-68- 11
135	35	80	4	X-03-68- 12
135	40	80	4	X-03-68- 13
135	45	80	4	X-03-68- 14
135	50	80	4	X-03-68- 15
135	60	80	4	X-03-68- 16
135	70	80	4	X-03-68- 17
135	80	80	4	X-03-68- 18
135	90	80	4	X-03-68- 19
135	100	80	4	X-03-68- 20
135	110	80	4	X-03-68- 21
135	70	110	6	X-03-68- 07
135	90	110	6	X-03-68- 08
135	50	115	6	X-03-68- 31
135	60	115	6	X-03-68- 32
135	70	115	6	X-03-68- 33
135	80	115	6	X-03-68- 34
135	90	115	6	X-03-68- 35
135	100	115	6	X-03-68- 36
135	110	115	6	X-03-68- 37
135	50	150	8	X-03-68- 51
135	60	150	8	X-03-68- 52
135	70	150	8	X-03-68- 53
135	80	150	8	X-03-68- 54
135	90	150	8	X-03-68- 55
135	100	150	8	X-03-68- 56
135	110	150	8	X-03-68- 57



**PLYTKA KĄTOWA  
ANGULAR PLATE**

wkręty / screws:  $\varnothing$  3,5 mm

L (mm)	A (mm)	otwory holes	$\alpha = 120^\circ$	$\alpha = 125^\circ$	$\alpha = 130^\circ$	$\alpha = 135^\circ$
15	30	2	X-03-69-01	X-03-70-01	X-03-71-01	X-03-72-01
20	30	2	X-03-69-02	X-03-70-02	X-03-71-02	X-03-72-02
25	30	2	X-03-69-03	X-03-70-03	X-03-71-03	X-03-72-03
20	40	3	X-03-69-04	X-03-70-04	X-03-71-04	X-03-72-04
25	40	3	X-03-69-05	X-03-70-05	X-03-71-05	X-03-72-05
30	40	3	X-03-69-06	X-03-70-06	X-03-71-06	X-03-72-06
20	45	3	X-03-69-07	X-03-70-07	X-03-71-07	X-03-72-07
25	45	3	X-03-69-08	X-03-70-08	X-03-71-08	X-03-72-08
30	45	3	X-03-69-09	X-03-70-09	X-03-71-09	X-03-72-09
25	50	3	X-03-69-10	X-03-70-10	X-03-71-10	X-03-72-10
30	50	3	X-03-69-11	X-03-70-11	X-03-71-11	X-03-72-11
35	50	3	X-03-69-12	X-03-70-12	X-03-71-12	X-03-72-12
40	50	3	X-03-69-13	X-03-70-13	X-03-71-13	X-03-72-13
40	60	3	X-03-69-14	X-03-70-14	X-03-71-14	X-03-72-14
50	60	3	X-03-69-15	X-03-70-15	X-03-71-15	X-03-72-15
40	70	3	X-03-69-16	X-03-70-16	X-03-71-16	X-03-72-16
50	70	3	X-03-69-17	X-03-70-17	X-03-71-17	X-03-72-17
50	80	3	X-03-69-18	X-03-70-18	X-03-71-18	X-03-72-18
60	80	3	X-03-69-19	X-03-70-19	X-03-71-19	X-03-72-19

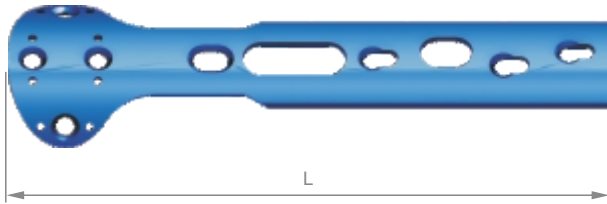


**PLYTKA KĄTOWA 130°  
ANGULAR PLATE 130°**

wkręty / screws:  $\varnothing$  4,5 mm

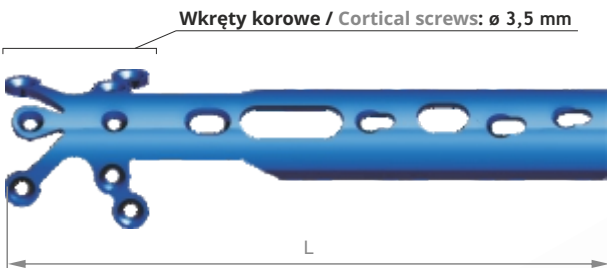
L (mm)	A (mm)	Nr kat.
60	100	X-03-82-01
70	100	X-03-82-02
80	100	X-03-82-03
90	100	X-03-82-04
100	100	X-03-82-05
110	100	X-03-82-06
60	150	X-03-82-11
70	150	X-03-82-12
80	150	X-03-82-13
90	150	X-03-82-14
100	150	X-03-82-15
110	150	X-03-82-16

**BIODROWY STABILIZATOR DYNAMICZNY (DHS)  
DYNAMIC HIP STABILIZER**



**PLYTKA NAKRĘTARZOWA  
WIELOOTWOROWA do systemu DHS  
MULTI-HOLE TROCHANTER PLATE**  
wkrety / screws:  $\varnothing$  4,5 mm

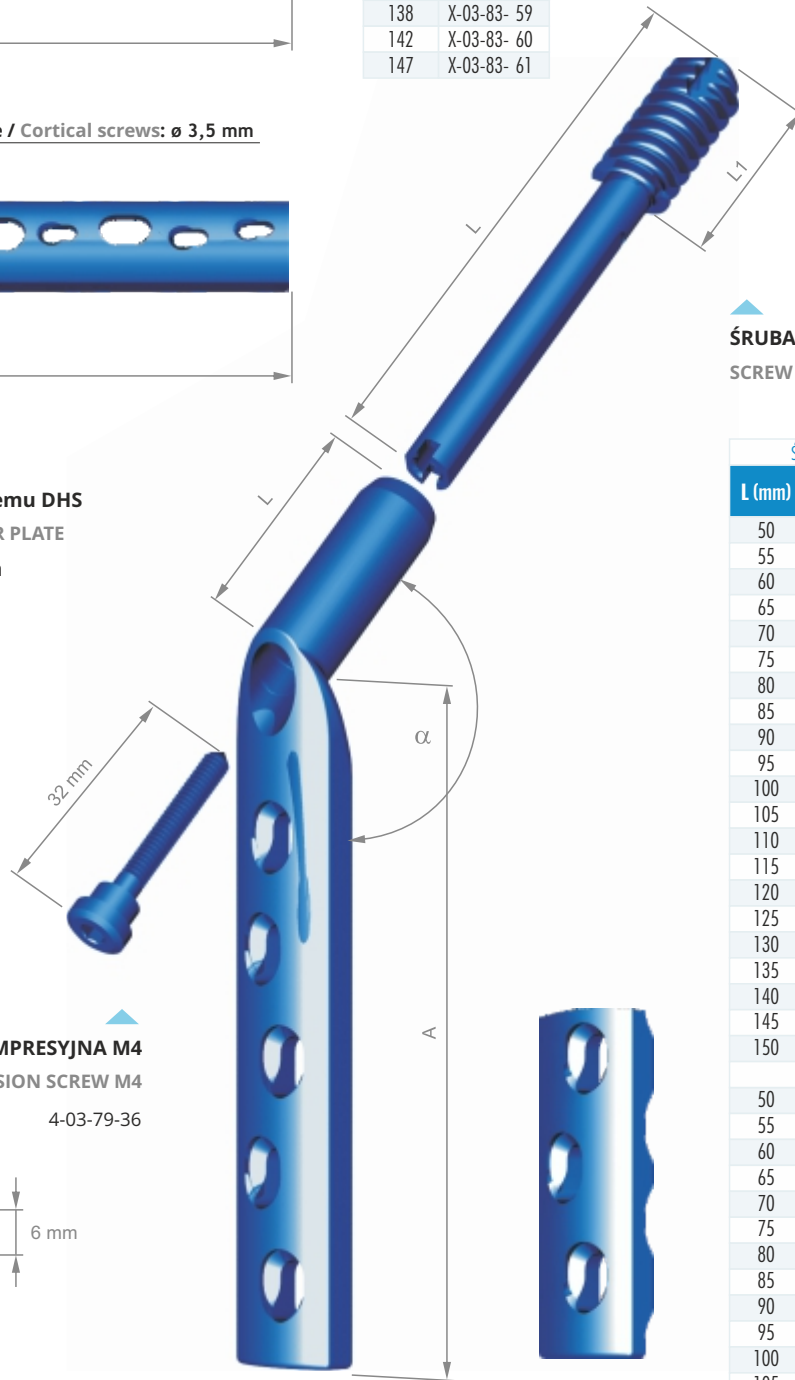
L (mm)	Nr kat.
138	X-03-83- 59
142	X-03-83- 60
147	X-03-83- 61



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

**PLYTKA NAKRĘTARZOWA  
WIELORAMIENNA do systemu DHS  
MULTI-ARMED TROCHANTER PLATE**  
wkrety / screws:  $\varnothing$  4,5 mm

L (mm)	Nr kat.
138	X-03-127-59
142	X-03-127-60
147	X-03-127-61

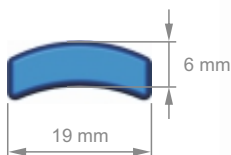


**ŚRUBA DHS/DCS  
SCREW DHS/DCS**

ŚRUBA SZYJKOWA  $\varnothing$ 12,5mm

L (mm)	L1-22mm	L1-27mm
50	X-03-73-50	X-03-74-50
55	X-03-73-55	X-03-74-55
60	X-03-73-60	X-03-74-60
65	X-03-73-65	X-03-74-65
70	X-03-73-70	X-03-74-70
75	X-03-73-75	X-03-74-75
80	X-03-73-80	X-03-74-80
85	X-03-73-85	X-03-74-85
90	X-03-73-90	X-03-74-90
95	X-03-73-95	X-03-74-95
100	X-03-73-100	X-03-74-100
105	X-03-73-105	X-03-74-105
110	X-03-73-110	X-03-74-110
115	X-03-73-115	X-03-74-115
120	X-03-73-120	X-03-74-120
125	X-03-73-125	X-03-74-125
130	X-03-73-130	X-03-74-130
135	X-03-73-135	X-03-74-135
140	X-03-73-140	X-03-74-140
145	X-03-73-145	X-03-74-145
150	X-03-73-150	X-03-74-150

**ŚRUBA KOMPRESYJNA M4  
COMPRESSION SCREW M4**  
4-03-79-36



**PLYTKA DYNAMICZNA  
DYNAMIC HIP PLATE**  
wkrety / screws:  $\varnothing$  4,5 mm

**PLYTKA DYNAMICZNA  
Z OGRANICZONYM  
KONTAKTEM  
DYNAMIC HIP PLATE  
WITH LIMITED CONTACT**  
wkrety / screws:  $\varnothing$  4,5 mm

ŚRUBA SZYJKOWA  $\varnothing$ 6mm

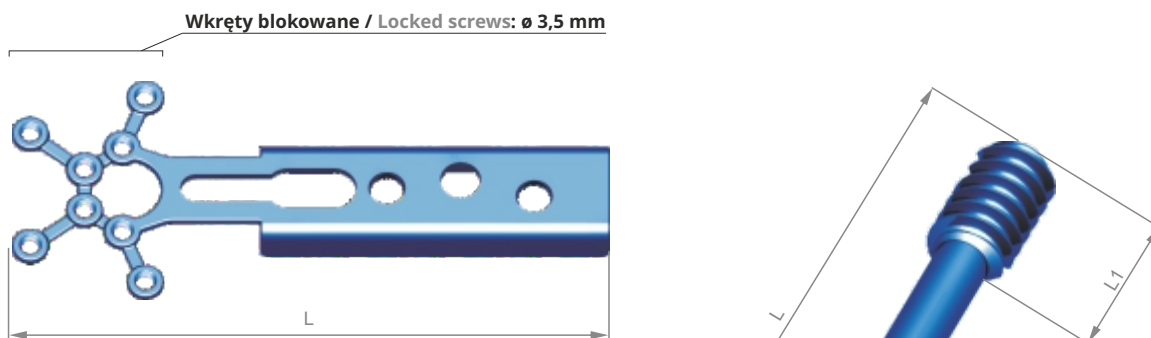
50	X-03-79-50	X-03-81-50
55	X-03-79-55	X-03-81-55
60	X-03-79-60	X-03-81-60
65	X-03-79-65	X-03-81-65
70	X-03-79-70	X-03-81-70
75	X-03-79-75	X-03-81-75
80	X-03-79-80	X-03-81-80
85	X-03-79-85	X-03-81-85
90	X-03-79-90	X-03-81-90
95	X-03-79-95	X-03-81-95
100	X-03-79-100	X-03-81-100
105	X-03-79-105	X-03-81-105
110	X-03-79-110	X-03-81-110
115	X-03-79-115	X-03-81-115
120	X-03-79-120	X-03-81-120
125	X-03-79-125	X-03-81-125
130	X-03-79-130	X-03-81-130
135	X-03-79-135	X-03-81-135
140	X-03-79-140	X-03-81-140
145	X-03-79-145	X-03-81-145
150	X-03-79-150	X-03-81-150

**BIODROWY STABILIZATOR DYNAMICZNY (DHS)  
DYNAMIC HIP STABILIZER**

PŁYTKA DYNAMICZNA BIODROWA / DYNAMIC HIP PLATE							
L (mm)	A1 (mm)	otwory holes	$\alpha = 130^\circ$	$\alpha = 135^\circ$	$\alpha = 140^\circ$	$\alpha = 145^\circ$	$\alpha = 150^\circ$
38	48	2	X-03-83-02	X-03-75-02	X-03-76-02	X-03-77-02	X-03-78-02
38	64	3	X-03-83-03	X-03-75-03	X-03-76-03	X-03-77-03	X-03-78-03
38	80	4	X-03-83-04	X-03-75-04	X-03-76-04	X-03-77-04	X-03-78-04
38	96	5	X-03-83-05	X-03-75-05	X-03-76-05	X-03-77-05	X-03-78-05
38	112	6	X-03-83-06	X-03-75-06	X-03-76-06	X-03-77-06	X-03-78-06
38	144	8	X-03-83-08	X-03-75-08	X-03-76-08	X-03-77-08	X-03-78-08
38	176	10	X-03-83-10	X-03-75-10	X-03-76-10	X-03-77-10	X-03-78-10
38	208	12	X-03-83-12	X-03-75-12	X-03-76-12	X-03-77-12	X-03-78-12
38	240	14	X-03-83-14	X-03-75-14	X-03-76-14	X-03-77-14	X-03-78-14
38	272	16	X-03-83-16	X-03-75-16	X-03-76-16	X-03-77-16	X-03-78-16
38	304	18	X-03-83-18	X-03-75-18	X-03-76-18	X-03-77-18	X-03-78-18
38	336	20	X-03-83-20	X-03-75-20	X-03-76-20	X-03-77-20	X-03-78-20
38	368	22	X-03-83-22	X-03-75-22	X-03-76-22	X-03-77-22	X-03-78-22

PŁYTKA DYNAMICZNA BIODROWA / DYNAMIC HIP PLATE z ograniczonym kontaktem / with limited contact							
L (mm)	A1 (mm)	otwory holes	$\alpha = 130^\circ$	$\alpha = 135^\circ$	$\alpha = 140^\circ$	$\alpha = 145^\circ$	$\alpha = 150^\circ$
38	48	2	X-03-110-02	X-03-111-02	X-03-112-02	X-03-113-02	X-03-114-02
38	64	3	X-03-110-03	X-03-111-03	X-03-112-03	X-03-113-03	X-03-114-03
38	80	4	X-03-110-04	X-03-111-04	X-03-112-04	X-03-113-04	X-03-114-04
38	96	5	X-03-110-05	X-03-111-05	X-03-112-05	X-03-113-05	X-03-114-05
38	112	6	X-03-110-06	X-03-111-06	X-03-112-06	X-03-113-06	X-03-114-06
38	144	8	X-03-110-08	X-03-111-08	X-03-112-08	X-03-113-08	X-03-114-08
38	176	10	X-03-110-10	X-03-111-10	X-03-112-10	X-03-113-10	X-03-114-10
38	208	12	X-03-110-12	X-03-111-12	X-03-112-12	X-03-113-12	X-03-114-12
38	240	14	X-03-110-14	X-03-111-14	X-03-112-14	X-03-113-14	X-03-114-14
38	272	16	X-03-110-16	X-03-111-16	X-03-112-16	X-03-113-16	X-03-114-16
38	304	18	X-03-110-18	X-03-111-18	X-03-112-18	X-03-113-18	X-03-114-18
38	336	20	X-03-110-20	X-03-111-20	X-03-112-20	X-03-113-20	X-03-114-20
38	368	22	X-03-110-22	X-03-111-22	X-03-112-22	X-03-113-22	X-03-114-22

**BIODROWY STABILIZATOR DYNAMICZNY (DHS)  
DYNAMIC HIP STABILIZER**



**PLYTKA NAKRĘTARZOWA  
WIELORAMIENNA do systemu DHS  
MULTI-ARMED TROCHANTER PLATE  
wkręty / screws: ø 4,5 mm**

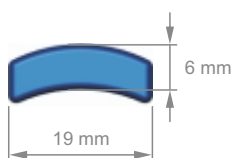
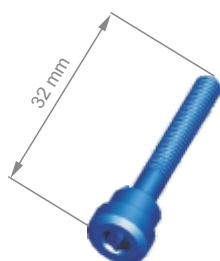
L (mm)	Nr kat.
130	X-03-165-13

**ŚRUBA DHS/DCS  
SCREW DHS/DCS**

ŚRUBA SZYJKOWA Ø12,5mm		
L (mm)	L1-22mm	L1-27mm
50	X-03-73-50	X-03-74-50
55	X-03-73-55	X-03-74-55
60	X-03-73-60	X-03-74-60
65	X-03-73-65	X-03-74-65
70	X-03-73-70	X-03-74-70
75	X-03-73-75	X-03-74-75
80	X-03-73-80	X-03-74-80
85	X-03-73-85	X-03-74-85
90	X-03-73-90	X-03-74-90
95	X-03-73-95	X-03-74-95
100	X-03-73-100	X-03-74-100
105	X-03-73-105	X-03-74-105
110	X-03-73-110	X-03-74-110
115	X-03-73-115	X-03-74-115
120	X-03-73-120	X-03-74-120
125	X-03-73-125	X-03-74-125
130	X-03-73-130	X-03-74-130
135	X-03-73-135	X-03-74-135
140	X-03-73-140	X-03-74-140
145	X-03-73-145	X-03-74-145
150	X-03-73-150	X-03-74-150
ŚRUBA SZYJKOWA Ø16mm		
50	X-03-79-50	X-03-81-50
55	X-03-79-55	X-03-81-55
60	X-03-79-60	X-03-81-60
65	X-03-79-65	X-03-81-65
70	X-03-79-70	X-03-81-70
75	X-03-79-75	X-03-81-75
80	X-03-79-80	X-03-81-80
85	X-03-79-85	X-03-81-85
90	X-03-79-90	X-03-81-90
95	X-03-79-95	X-03-81-95
100	X-03-79-100	X-03-81-100
105	X-03-79-105	X-03-81-105
110	X-03-79-110	X-03-81-110
115	X-03-79-115	X-03-81-115
120	X-03-79-120	X-03-81-120
125	X-03-79-125	X-03-81-125
130	X-03-79-130	X-03-81-130
135	X-03-79-135	X-03-81-135
140	X-03-79-140	X-03-81-140
145	X-03-79-145	X-03-81-145
150	X-03-79-150	X-03-81-150

**ŚRUBA KOMPRESYJNA M4  
COMPRESSION SCREW M4**

X-03-79-36



**PLYTKA DYNAMICZNA  
Z OGRANICZONYM  
KONTAKTEM BLOKOWANA  
LOCKING DYNAMIC HIP PLATE  
WITH LIMITED CONTACT**

wkręty blokowane / locked screws: ø 5,0 mm  
wkręty korowe / cortical screws: ø 4,5 mm

**BIODROWY STABILIZATOR DYNAMICZNY (DHS)  
DYNAMIC HIP STABILIZER**

PŁYTKA DYNAMICZNA BIODROWA BLOKOWANA / LOCKING DYNAMIC HIP PLATE z ograniczonym kontaktem / with limited contact							
L (mm)	A1 (mm)	otwory holes	$\alpha = 130^\circ$	$\alpha = 135^\circ$	$\alpha = 140^\circ$	$\alpha = 145^\circ$	$\alpha = 150^\circ$
38	48	2	X-03-110-02/01	X-03-111-02/01	X-03-112-02/01	X-03-113-02/01	X-03-114-02/01
38	64	3	X-03-110-03/01	X-03-111-03/01	X-03-112-03/01	X-03-113-03/01	X-03-114-03/01
38	80	4	X-03-110-04/01	X-03-111-04/01	X-03-112-04/01	X-03-113-04/01	X-03-114-04/01
38	96	5	X-03-110-05/01	X-03-111-05/01	X-03-112-05/01	X-03-113-05/01	X-03-114-05/01
38	112	6	X-03-110-06/01	X-03-111-06/01	X-03-112-06/01	X-03-113-06/01	X-03-114-06/01
38	144	8	X-03-110-08/01	X-03-111-08/01	X-03-112-08/01	X-03-113-08/01	X-03-114-08/01
38	176	10	X-03-110-10/01	X-03-111-10/01	X-03-112-10/01	X-03-113-10/01	X-03-114-10/01
38	208	12	X-03-110-12/01	X-03-111-12/01	X-03-112-12/01	X-03-113-12/01	X-03-114-12/01
38	240	14	X-03-110-14/01	X-03-111-14/01	X-03-112-14/01	X-03-113-14/01	X-03-114-14/01
38	272	16	X-03-110-16/01	X-03-111-16/01	X-03-112-16/01	X-03-113-16/01	X-03-114-16/01
38	304	18	X-03-110-18/01	X-03-111-18/01	X-03-112-18/01	X-03-113-18/01	X-03-114-18/01
38	336	20	X-03-110-20/01	X-03-111-20/01	X-03-112-20/01	X-03-113-20/01	X-03-114-20/01
38	368	22	X-03-110-22/01	X-03-111-22/01	X-03-112-22/01	X-03-113-22/01	X-03-114-22/01

**KŁYKCIOWY STABILIZATOR DYNAMICZNY (DCS)  
DYNAMIC CONDYLAR STABILIZER**



**ŚRUBA KOMPRESYJNA M4**  
COMPRESSION SCREW M4  
X-03-79-36

**ŚRUBA DHS/DCS**  
SCREW DHS/DCS

ŚRUBA SZYJKOWA Ø12,5mm

L (mm)	L1-22mm	L1-27mm
50	X-03-73-50	X-03-74-50
55	X-03-73-55	X-03-74-55
60	X-03-73-60	X-03-74-60
65	X-03-73-65	X-03-74-65
70	X-03-73-70	X-03-74-70
75	X-03-73-75	X-03-74-75
80	X-03-73-80	X-03-74-80
85	X-03-73-85	X-03-74-85
90	X-03-73-90	X-03-74-90
95	X-03-73-95	X-03-74-95
100	X-03-73-100	X-03-74-100
105	X-03-73-105	X-03-74-105
110	X-03-73-110	X-03-74-110
115	X-03-73-115	X-03-74-115
120	X-03-73-120	X-03-74-120
125	X-03-73-125	X-03-74-125
130	X-03-73-130	X-03-74-130
135	X-03-73-135	X-03-74-135
140	X-03-73-140	X-03-74-140
145	X-03-73-145	X-03-74-145
150	X-03-73-150	X-03-74-150

**PLYTKA KŁYKCIOWA DYNAMICZNA 95°**  
DYNAMIC CONDYLAR PLATE 95°  
wkręty / screws: ø 4,5 mm

A (mm)	otwory holes	Nr kat.
86	4	X-03-80-04
118	6	X-03-80-06
150	8	X-03-80-08
182	10	X-03-80-10
214	12	X-03-80-12
246	14	X-03-80-14
278	16	X-03-80-16
310	18	X-03-80-18
342	20	X-03-80-20
374	22	X-03-80-22

**PLYTKA KŁYKCIOWA DYNAMICZNA 95°**  
z ograniczonym kontaktem  
DYNAMIC CONDYLAR PLATE 95°  
WITH LIMITED CONTACT  
wkręty / screws: ø 4,5 mm

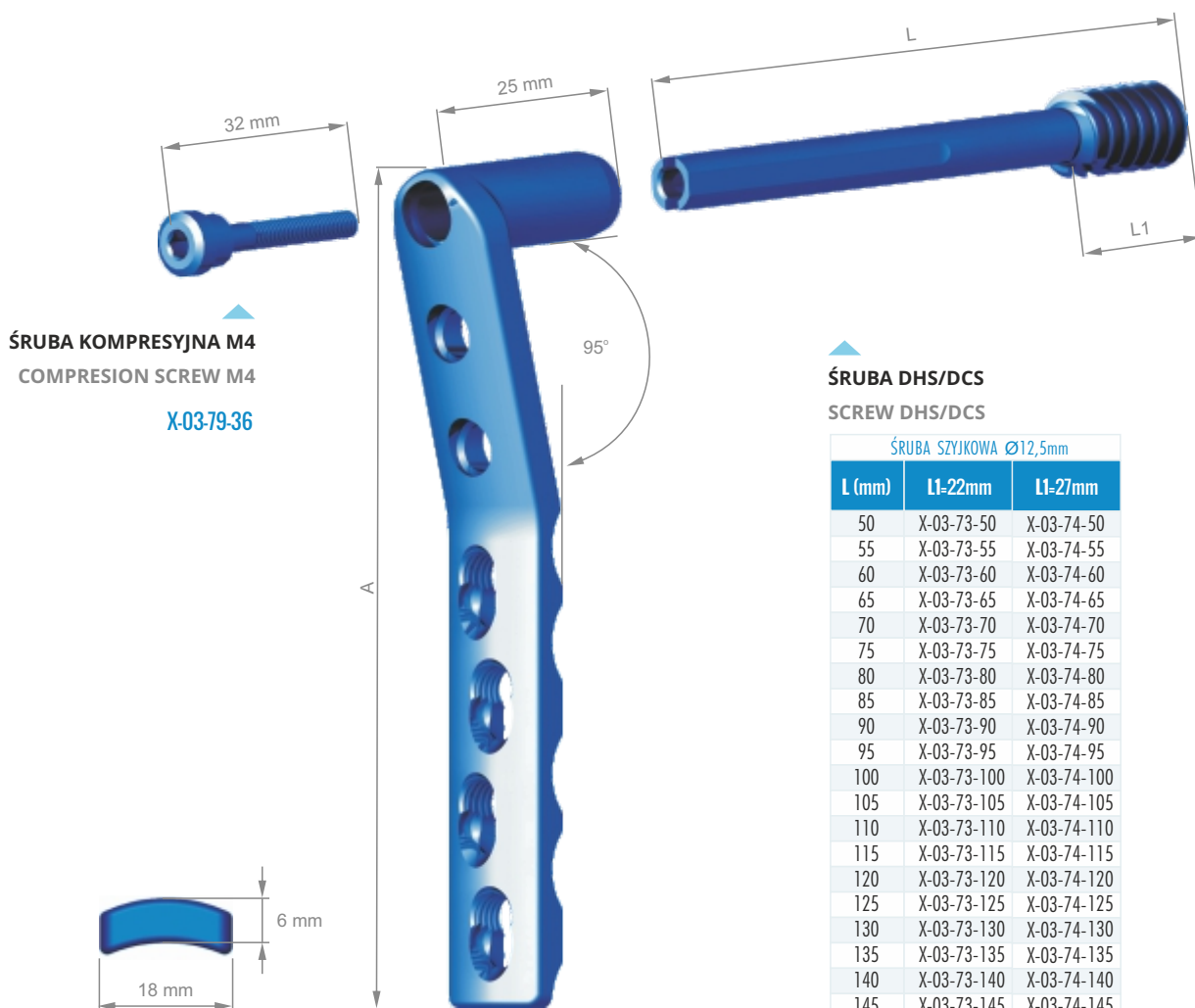
A (mm)	otwory holes	Nr kat.
86	4	X-03-125-04
118	6	X-03-125-06
150	8	X-03-125-08
182	10	X-03-125-10
214	12	X-03-125-12
246	14	X-03-125-14
278	16	X-03-125-16
310	18	X-03-125-18
342	20	X-03-125-20
374	22	X-03-125-22

ŚRUBA SZYJKOWA Ø16mm

50	X-03-79-50	X-03-81-50
55	X-03-79-55	X-03-81-55
60	X-03-79-60	X-03-81-60
65	X-03-79-65	X-03-81-65
70	X-03-79-70	X-03-81-70
75	X-03-79-75	X-03-81-75
80	X-03-79-80	X-03-81-80
85	X-03-79-85	X-03-81-85
90	X-03-79-90	X-03-81-90
95	X-03-79-95	X-03-81-95
100	X-03-79-100	X-03-81-100
105	X-03-79-105	X-03-81-105
110	X-03-79-110	X-03-81-110
115	X-03-79-115	X-03-81-115
120	X-03-79-120	X-03-81-120
125	X-03-79-125	X-03-81-125
130	X-03-79-130	X-03-81-130
135	X-03-79-135	X-03-81-135
140	X-03-79-140	X-03-81-140
145	X-03-79-145	X-03-81-145
150	X-03-79-150	X-03-81-150



**KŁYKCIOWY STABILIZATOR DYNAMICZNY (DCS)  
DYNAMIC CONDYLAR STABILIZER**



**ŚRUBA KOMPRESYJNA M4**  
COMPRESSION SCREW M4  
X-03-79-36

**ŚRUBA DHS/DCS**  
SCREW DHS/DCS

ŚRUBA SZYJKOWA Ø12,5mm		
L (mm)	L1=22mm	L1=27mm
50	X-03-73-50	X-03-74-50
55	X-03-73-55	X-03-74-55
60	X-03-73-60	X-03-74-60
65	X-03-73-65	X-03-74-65
70	X-03-73-70	X-03-74-70
75	X-03-73-75	X-03-74-75
80	X-03-73-80	X-03-74-80
85	X-03-73-85	X-03-74-85
90	X-03-73-90	X-03-74-90
95	X-03-73-95	X-03-74-95
100	X-03-73-100	X-03-74-100
105	X-03-73-105	X-03-74-105
110	X-03-73-110	X-03-74-110
115	X-03-73-115	X-03-74-115
120	X-03-73-120	X-03-74-120
125	X-03-73-125	X-03-74-125
130	X-03-73-130	X-03-74-130
135	X-03-73-135	X-03-74-135
140	X-03-73-140	X-03-74-140
145	X-03-73-145	X-03-74-145
150	X-03-73-150	X-03-74-150

ŚRUBA SZYJKOWA Ø16mm		
50	X-03-79-50	X-03-81-50
55	X-03-79-55	X-03-81-55
60	X-03-79-60	X-03-81-60
65	X-03-79-65	X-03-81-65
70	X-03-79-70	X-03-81-70
75	X-03-79-75	X-03-81-75
80	X-03-79-80	X-03-81-80
85	X-03-79-85	X-03-81-85
90	X-03-79-90	X-03-81-90
95	X-03-79-95	X-03-81-95
100	X-03-79-100	X-03-81-100
105	X-03-79-105	X-03-81-105
110	X-03-79-110	X-03-81-110
115	X-03-79-115	X-03-81-115
120	X-03-79-120	X-03-81-120
125	X-03-79-125	X-03-81-125
130	X-03-79-130	X-03-81-130
135	X-03-79-135	X-03-81-135
140	X-03-79-140	X-03-81-140
145	X-03-79-145	X-03-81-145
150	X-03-79-150	X-03-81-150

**PLYTKA KŁYKCIOWA  
DYNAMICZNA 95° BLOKOWANA  
z ograniczonym kontaktem  
LOCKING DYNAMIC CONDYLAR PLATE 95°  
WITH LIMITED CONTACT**

wkręty blokowane / locked screws: **ø 5,0 mm**  
wkręty korowe / cortical screws: **ø 4,5 mm**

A (mm)	otwory holes	Nr kat.
115	6	X-03-125-06/01
147	8	X-03-125-08/01
179	10	X-03-125-10/01
211	12	X-03-125-12/01
243	14	X-03-125-14/01
275	16	X-03-125-16/01
307	18	X-03-125-18/01
339	20	X-03-125-20/01



**GWOŹDZIE, DRUTY, GROTY, KLAMRY KOSTNE**  
BONE NAILS, WIRES, PINS, STAPLES

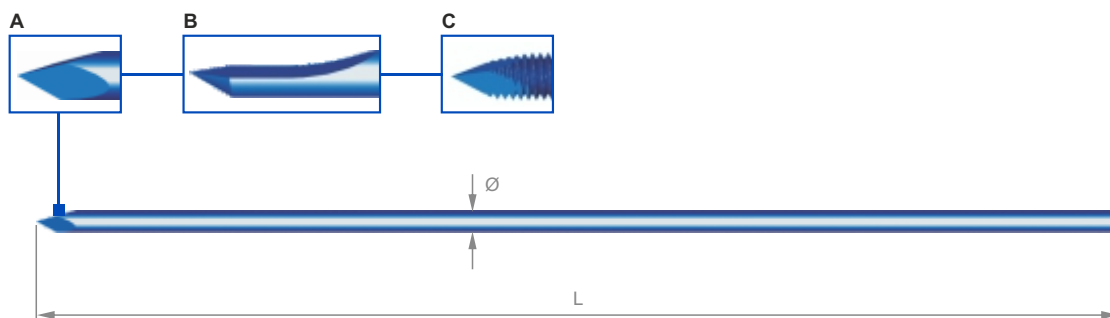


**DOSTĘPNE ODMIANY PRODUKTÓW / AVAILABLE TYPES OF PRODUCTS**

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

**PRZYKŁAD / EXAMPLE**

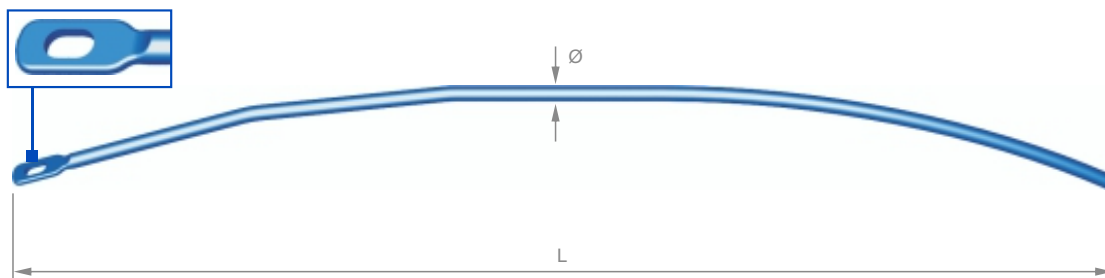
X-zz-zzz-zz  
 X = 1,4,5,11,21,24  
 z = numeracja / number



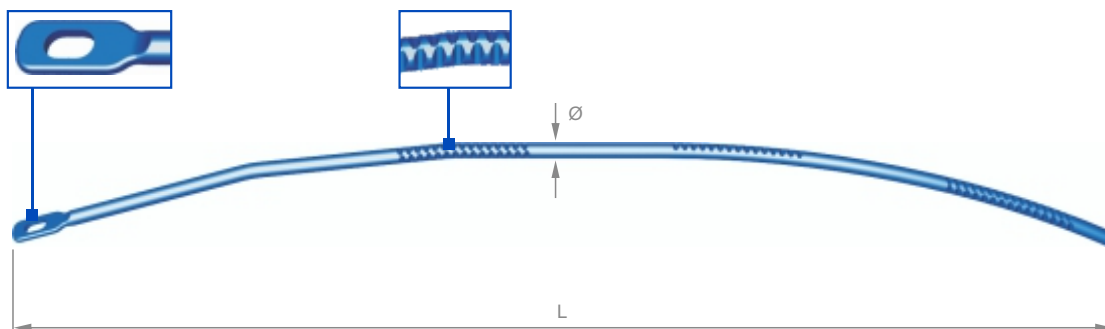
**DRUT KIRSCHNERA**

**KIRSCHNER WIRE**

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

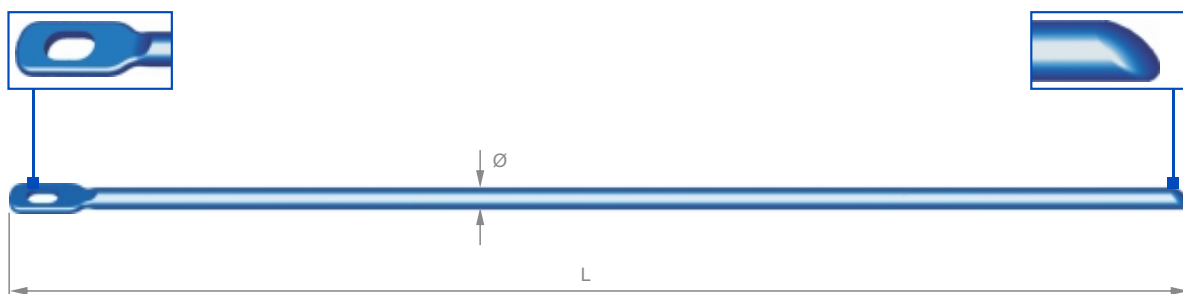


**GWÓZDŹ ENDERA**  
**ENDER NAIL**



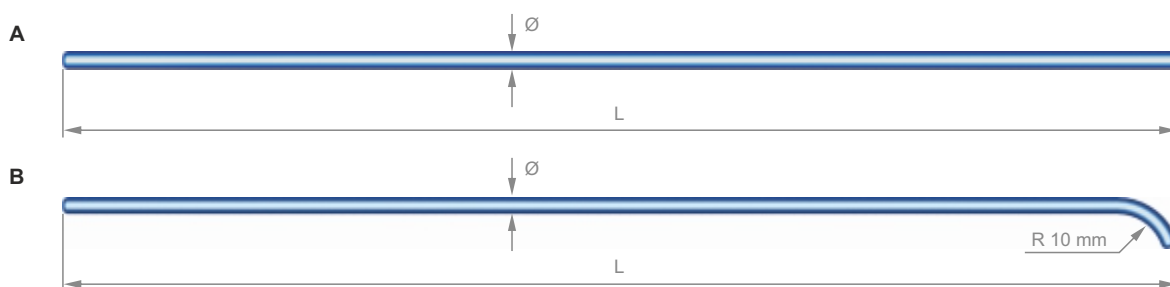
**GWÓZDŹ ENDERA - MODYFIKOWANY**  
**ENDER NAIL - MODYFIED**

L (mm)	MODYFIKOWANY / MODYFIED							
	Ø=3,5mm	Ø=4,0mm	Ø=4,5mm	Ø=4,8mm	Ø=5,0mm	Ø=4,5mm	Ø=4,8mm	Ø=5,0mm
180	X-06-13-18	X-06-14-18	X-06-15-18	-	-	X-06-17-18	X-06-12-18	X-06-18-18
190	X-06-13-19	X-06-14-19	X-06-15-19	-	-	X-06-17-19	X-06-12-19	X-06-18-19
200	X-06-13-20	X-06-14-20	X-06-15-20	-	-	X-06-17-20	X-06-12-20	X-06-18-20
210	X-06-13-21	X-06-14-21	X-06-15-21	-	-	X-06-17-21	X-06-12-21	X-06-18-21
220	X-06-13-22	X-06-14-22	X-06-15-22	-	-	X-06-17-22	X-06-12-22	X-06-18-22
230	X-06-13-23	X-06-14-23	X-06-15-23	-	-	X-06-17-23	X-06-12-23	X-06-18-23
240	X-06-13-24	X-06-14-24	X-06-15-24	-	-	X-06-17-24	X-06-12-24	X-06-18-24
250	X-06-13-25	X-06-14-25	X-06-15-25	-	-	X-06-17-25	X-06-12-25	X-06-18-25
260	X-06-13-26	X-06-14-26	X-06-15-26	-	-	X-06-17-26	X-06-12-26	X-06-18-26
270	X-06-13-27	X-06-14-27	X-06-15-27	-	-	X-06-17-27	X-06-12-27	X-06-18-27
280	X-06-13-28	X-06-14-28	X-06-15-28	-	-	X-06-17-28	X-06-12-28	X-06-18-28
290	X-06-13-29	X-06-14-29	X-06-15-29	-	-	X-06-17-29	X-06-12-29	X-06-18-29
300	X-06-13-30	X-06-14-30	X-06-15-30	X-06-94-30	X-06-16-30	X-06-17-30	X-06-12-30	X-06-18-30
310	X-06-13-31	X-06-14-31	X-06-15-31	X-06-94-31	X-06-16-31	X-06-17-31	X-06-12-31	X-06-18-31
320	X-06-13-32	X-06-14-32	X-06-15-32	X-06-94-32	X-06-16-32	X-06-17-32	X-06-12-32	X-06-18-32
330	X-06-13-33	X-06-14-33	X-06-15-33	X-06-94-33	X-06-16-33	X-06-17-33	X-06-12-33	X-06-18-33
340	X-06-13-34	X-06-14-34	X-06-15-34	X-06-94-34	X-06-16-34	X-06-17-34	X-06-12-34	X-06-18-34
350	X-06-13-35	X-06-14-35	X-06-15-35	X-06-94-35	X-06-16-35	X-06-17-35	X-06-12-35	X-06-18-35
360	X-06-13-36	X-06-14-36	X-06-15-36	X-06-94-36	X-06-16-36	X-06-17-36	X-06-12-36	X-06-18-36
370	X-06-13-37	X-06-14-37	X-06-15-37	X-06-94-37	X-06-16-37	X-06-17-37	X-06-12-37	X-06-18-37
380	X-06-13-38	X-06-14-38	X-06-15-38	X-06-94-38	X-06-16-38	X-06-17-38	X-06-12-38	X-06-18-38
390	X-06-13-39	X-06-14-39	X-06-15-39	X-06-94-39	X-06-16-39	X-06-17-39	X-06-12-39	X-06-18-39
400	X-06-13-40	X-06-14-40	X-06-15-40	X-06-94-40	X-06-16-40	X-06-17-40	X-06-12-40	X-06-18-40
410	X-06-13-41	X-06-14-41	X-06-15-41	X-06-94-41	X-06-16-41	X-06-17-41	X-06-12-41	X-06-18-41
420	X-06-13-42	X-06-14-42	X-06-15-42	X-06-94-42	X-06-16-42	X-06-17-42	X-06-12-42	X-06-18-42
430	-	X-06-14-43	X-06-15-43	X-06-94-43	X-06-16-43	X-06-17-43	X-06-12-43	X-06-18-43
440	-	X-06-14-44	X-06-15-44	X-06-94-44	X-06-16-44	X-06-17-44	X-06-12-44	X-06-18-44
450	-	X-06-14-45	X-06-15-45	X-06-94-45	X-06-16-45	X-06-17-45	X-06-12-45	X-06-18-45
460	-	-	X-06-15-46	X-06-94-46	X-06-16-46	X-06-17-46	X-06-12-46	X-06-18-46
470	-	-	X-06-15-47	X-06-94-47	X-06-16-47	X-06-17-47	X-06-12-47	X-06-18-47
480	-	-	X-06-15-48	X-06-94-48	X-06-16-48	X-06-17-48	X-06-12-48	X-06-18-48
490	-	-	X-06-15-49	X-06-94-49	X-06-16-49	X-06-17-49	X-06-12-49	X-06-18-49
500	-	-	X-06-15-50	X-06-94-50	X-06-16-50	X-06-17-50	X-06-12-50	X-06-18-50



**GWÓDZ ENDERA PROSTY**  
**ENDER STRAIGHT NAIL**

L (mm)	Ø=3,5mm	Ø=4,0mm	Ø=4,5mm	Ø=5,0mm	L (mm)	Ø=3,5mm	Ø=4,0mm	Ø=4,5mm	Ø=5,0mm
200	X-06-19-20	X-06-20-20	X-06-21-20	X-06-22-20	360	X-06-19-36	X-06-20-36	X-06-21-36	X-06-22-36
210	X-06-19-21	X-06-20-21	X-06-21-21	X-06-22-21	370	X-06-19-37	X-06-20-37	X-06-21-37	X-06-22-37
220	X-06-19-22	X-06-20-22	X-06-21-22	X-06-22-22	380	X-06-19-38	X-06-20-38	X-06-21-38	X-06-22-38
230	X-06-19-23	X-06-20-23	X-06-21-23	X-06-22-23	390	X-06-19-39	X-06-20-39	X-06-21-39	X-06-22-39
240	X-06-19-24	X-06-20-24	X-06-21-24	X-06-22-24	400	X-06-19-40	X-06-20-40	X-06-21-40	X-06-22-40
250	X-06-19-25	X-06-20-25	X-06-21-25	X-06-22-25	410	X-06-19-41	X-06-20-41	X-06-21-41	X-06-22-41
260	X-06-19-26	X-06-20-26	X-06-21-26	X-06-22-26	420	X-06-19-42	X-06-20-42	X-06-21-42	X-06-22-42
270	X-06-19-27	X-06-20-27	X-06-21-27	X-06-22-27	430	X-06-19-43	X-06-20-43	X-06-21-43	X-06-22-43
280	X-06-19-28	X-06-20-28	X-06-21-28	X-06-22-28	440	X-06-19-44	X-06-20-44	X-06-21-44	X-06-22-44
290	X-06-19-29	X-06-20-29	X-06-21-29	X-06-22-29	450	X-06-19-45	X-06-20-45	X-06-21-45	X-06-22-45
300	X-06-19-30	X-06-20-30	X-06-21-30	X-06-22-30	460	X-06-19-46	X-06-20-46	X-06-21-46	X-06-22-46
310	X-06-19-31	X-06-20-31	X-06-21-31	X-06-22-31	470	X-06-19-47	X-06-20-47	X-06-21-47	X-06-22-47
320	X-06-19-32	X-06-20-32	X-06-21-32	X-06-22-32	480	X-06-19-48	X-06-20-48	X-06-21-48	X-06-22-48
330	X-06-19-33	X-06-20-33	X-06-21-33	X-06-22-33	490	X-06-19-49	X-06-20-49	X-06-21-49	X-06-22-49
340	X-06-19-34	X-06-20-34	X-06-21-34	X-06-22-34	500	X-06-19-50	X-06-20-50	X-06-21-50	X-06-22-50
350	X-06-19-35	X-06-20-35	X-06-21-35	X-06-22-35					



**DRUTY ŚRÓDZPIKOWE**  
**DLA DZIECI**  
**INTRAMEDULLARY WIRES**  
**FOR CHILDREN**

Ø (mm)	L (mm)	A	B	Ø (mm)	L (mm)	A	B
1,6	250	X-06-23-25	X-06-23-25/01	2,5	240	X-06-96-24	X-06-96-24/01
1,6	400	X-06-23-40	X-06-23-40/01	2,5	280	X-06-96-28	X-06-96-28/01
2,0	200	X-06-95-20	X-06-95-20/01	2,5	320	X-06-96-32	X-06-96-32/01
2,0	240	X-06-95-24	X-06-95-24/01	2,5	360	X-06-96-36	X-06-96-36/01
2,0	280	X-06-95-28	X-06-95-28/01	2,5	400	X-06-96-40	X-06-96-40/01
2,0	310	X-06-95-31	X-06-95-31/01	3,0	240	X-06-97-24	X-06-97-24/01
2,0	320	X-06-95-32	X-06-95-32/01	3,0	280	X-06-97-28	X-06-97-28/01
2,0	400	X-06-95-40	X-06-95-40/01	3,0	320	X-06-97-32	X-06-97-32/01
2,2	310	X-06-51-31	X-06-51-31/01	3,0	360	X-06-97-36	X-06-97-36/01
2,2	400	X-06-51-40	X-06-51-40/01	3,0	400	X-06-97-40	X-06-97-40/01
2,2	200	X-06-96-20	X-06-96-20/01				

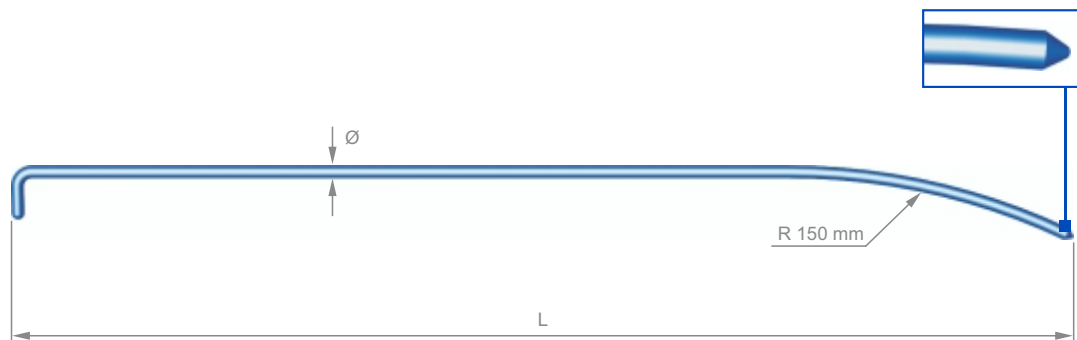


**GWÓŹDŹ RUSH'A ▲**

**RUSH NAIL**

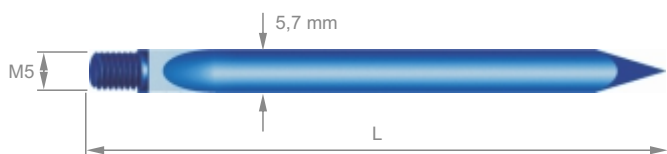
L (mm)	Ø-2,4mm	Ø-3,2mm	Ø-4,0mm	Ø-4,8mm	Ø-5,0mm	Ø-6,0mm	Ø-6,4mm
25	X-06-24-25	-	-	-	-	-	-
30	X-06-24-30	-	-	-	-	-	-
35	X-06-24-35	-	-	-	-	-	-
40	X-06-24-40	-	-	-	-	-	-
45	X-06-24-45	-	-	-	-	-	-
50	X-06-24-50	-	-	-	-	-	-
55	X-06-24-55	-	-	-	-	-	-
60	X-06-24-60	-	-	-	-	-	-
65	X-06-24-65	-	-	-	-	-	-
70	X-06-24-70	-	-	-	-	-	-
75	X-06-24-75	-	-	-	-	-	-
80	X-06-24-80	-	-	-	-	-	-
85	X-06-24-85	-	-	-	-	-	-
90	X-06-24-90	-	-	-	-	-	-
95	X-06-24-95	-	-	-	-	-	-
100	X-06-24-100	X-06-25-100	-	-	-	-	-
110	X-06-24-110	X-06-25-110	-	-	-	-	-
115	X-06-24-115	X-06-25-115	-	-	-	-	-
120	X-06-24-120	X-06-25-120	-	-	-	-	-
125	X-06-24-125	X-06-25-125	-	-	-	-	-
130	X-06-24-130	X-06-25-130	-	-	-	-	-
140	X-06-24-140	X-06-25-140	-	-	-	-	-
150	X-06-24-150	X-06-25-150	-	-	-	-	-
160	X-06-24-160	X-06-25-160	-	-	-	-	-
165	X-06-24-165	X-06-25-165	-	-	-	-	-
170	X-06-24-170	X-06-25-170	-	-	-	-	-
180	X-06-24-180	X-06-25-180	-	-	-	-	-
190	X-06-24-190	X-06-25-190	-	-	-	-	-
200	X-06-24-200	X-06-25-200	X-06-26-200	X-06-27-200	X-06-28-200	-	-
205	X-06-24-205	X-06-25-205	X-06-26-205	X-06-27-205	X-06-28-205	-	-
210	X-06-24-210	X-06-25-210	X-06-26-210	X-06-27-210	X-06-28-210	-	-
215	X-06-24-215	X-06-25-215	X-06-26-215	X-06-27-215	X-06-28-215	-	-
220	X-06-24-220	X-06-25-220	X-06-26-220	X-06-27-220	X-06-28-220	-	-
230	X-06-24-230	X-06-25-230	X-06-26-230	X-06-27-230	X-06-28-230	-	-
240	X-06-24-240	X-06-25-240	X-06-26-240	X-06-27-240	X-06-28-240	-	-
250	X-06-24-250	X-06-25-250	X-06-26-250	X-06-27-250	X-06-28-250	X-06-29-250	-
255	-	X-06-25-255	X-06-26-255	X-06-27-255	X-06-28-255	X-06-29-255	-
260	-	X-06-25-260	X-06-26-260	X-06-27-260	X-06-28-260	X-06-29-260	-
265	-	-	X-06-26-265	X-06-27-265	X-06-28-265	X-06-29-265	-
270	-	-	X-06-26-270	X-06-27-270	X-06-28-270	X-06-29-270	X-06-30-270
280	-	-	X-06-26-280	X-06-27-280	X-06-28-280	X-06-29-280	X-06-30-280
290	-	-	X-06-26-290	X-06-27-290	X-06-28-290	X-06-29-290	X-06-30-290
295	-	-	X-06-26-295	X-06-27-295	X-06-28-295	X-06-29-295	X-06-30-295
300	-	-	X-06-26-300	X-06-27-300	X-06-28-300	X-06-29-300	X-06-30-300
310	-	-	X-06-26-310	X-06-27-310	X-06-28-310	X-06-29-310	X-06-30-310
315	-	-	X-06-26-315	X-06-27-315	X-06-28-315	X-06-29-315	X-06-30-315
320	-	-	X-06-26-320	X-06-27-320	X-06-28-320	X-06-29-320	X-06-30-320
330	-	-	X-06-26-330	X-06-27-330	X-06-28-330	X-06-29-330	X-06-30-330
335	-	-	X-06-26-335	X-06-27-335	X-06-28-335	X-06-29-335	X-06-30-335
340	-	-	X-06-26-340	X-06-27-340	X-06-28-340	X-06-29-340	X-06-30-340
350	-	-	X-06-26-350	X-06-27-350	X-06-28-350	X-06-29-350	X-06-30-350
355	-	-	X-06-26-355	X-06-27-355	X-06-28-355	X-06-29-355	X-06-30-355
360	-	-	X-06-26-360	X-06-27-360	X-06-28-360	X-06-29-360	X-06-30-360
365	-	-	X-06-26-365	X-06-27-365	X-06-28-365	X-06-29-365	X-06-30-365
370	-	-	X-06-26-370	X-06-27-370	X-06-28-370	X-06-29-370	X-06-30-370
375	-	-	-	-	-	X-06-29-375	X-06-30-375
380	-	-	-	-	-	X-06-29-380	X-06-30-380
390	-	-	-	-	-	X-06-29-390	X-06-30-390
400	-	-	-	-	-	X-06-29-400	X-06-30-400
410	-	-	-	-	-	X-06-29-410	X-06-30-410
420	-	-	-	-	-	X-06-29-420	X-06-30-420
430	-	-	-	-	-	X-06-29-430	X-06-30-430





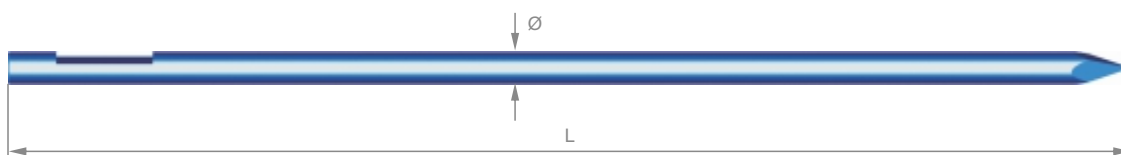
**DRUT HACKETHALA**  
HACKETHAL WIRE

Ø (mm)	L (mm)	A	L (mm)	A	L (mm)	A
1,6	330	X-06-31-16	300	X-06-31-16/30	250	X-06-31-16/25
2,0		X-06-31-20		X-06-31-20/30		X-06-31-20/25
2,5		X-06-31-25		X-06-31-25/30		X-06-31-25/25
3,0		X-06-31-30		X-06-31-30/30		X-06-31-30/25



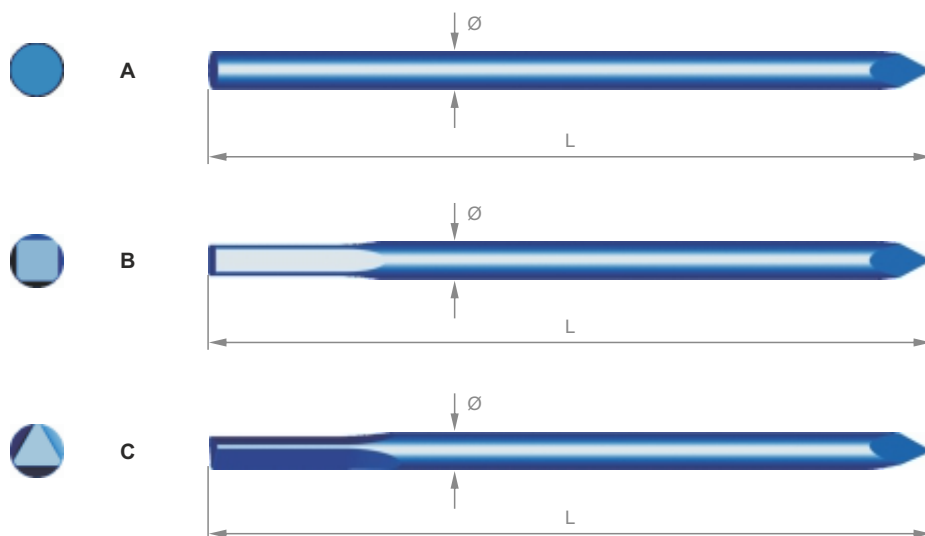
**GWÓDZ NYSTRÖM - SZULC**  
NYSTRÖM - SZULC NAIL

L (mm)	Nr kat.
70	X-06-34-07
80	X-06-34-08
90	X-06-34-09
100	X-06-34-10
110	X-06-34-11
120	X-06-34-12
130	X-06-34-13
140	X-06-34-14



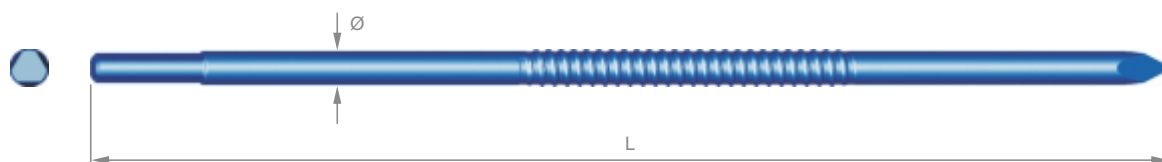
**GWÓDZ STEINMANN - GRUCA**  
STEINMANN - GRUCA NAIL

Ø (mm)	L (mm)	A	Ø (mm)	L (mm)	A
3,0	80	X-06-35-01	4,0	170	X-06-35-05
3,0	90	X-06-35-02	4,0	190	X-06-35-06
3,0	100	X-06-35-03	4,0	210	X-06-35-07
3,0	120	X-06-35-08	5,0	80	X-06-35-20
3,0	140	X-06-35-09	5,0	90	X-06-35-21
3,0	170	X-06-35-10	5,0	100	X-06-35-22
3,0	190	X-06-35-11	5,0	120	X-06-35-23
3,0	210	X-06-35-12	5,0	140	X-06-35-24
4,0	80	X-06-35-13	5,0	150	X-06-35-25
4,0	90	X-06-35-14	5,0	160	X-06-35-26
4,0	100	X-06-35-15	5,0	170	X-06-35-27
4,0	120	X-06-35-16	5,0	190	X-06-35-28
4,0	140	X-06-35-04	5,0	210	X-06-35-29



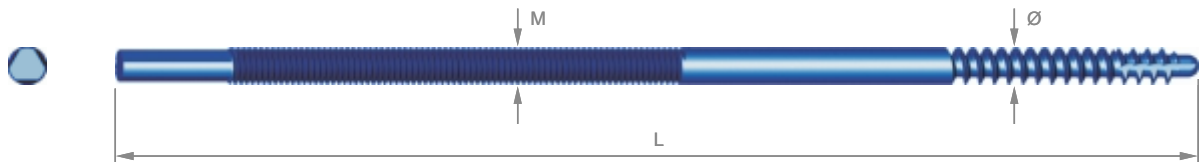
**GROT STEINMANN'A  
STEINMANN PIN**

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



**GROTOWKRĘT STEINMANN  
STEINMANN SCREW**

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



**WKREŃT "R"**  
**SCREW "R"**

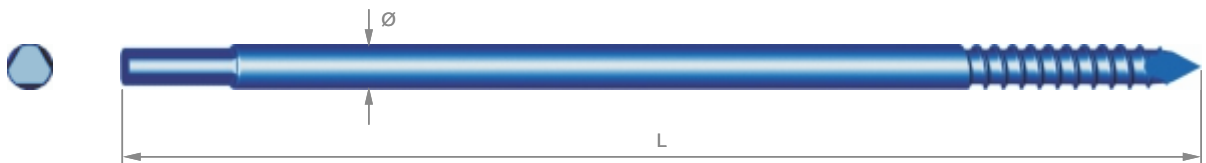
L (mm)	Ø(mm)	M (mm)	Nr kat.
150	5,0	M5	X-06-49-01
150	6,0	M6	X-06-49-02
150	7,0	M7	X-06-49-03
180	5,0	M5	X-06-49-04
180	6,0	M6	X-06-49-05
180	7,0	M7	X-06-49-06

**NAKRĘTKA 1szt./kpl .**  
**CAP**

M (mm)	Nr kat.
M5	X-06-49-10
M6	X-06-49-11
M7	X-06-49-12

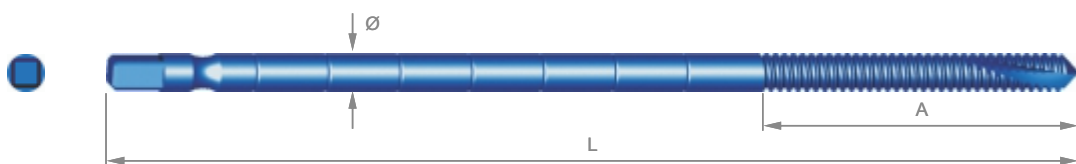
**TULEJKA IZOLACYJNA 1szt./kpl.**  
**INSULATING SLEEVE**

Ø(mm)	Nr kat.
5,0	X-06-49-20
6,0	X-06-49-21
7,0	X-06-49-22



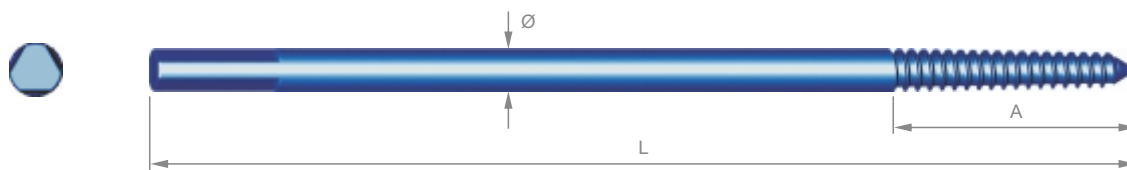
**GROTOWKRĘT SZCHANZA**  
**SCHANZ SCREW**

L (mm)	Ø-2,5mm	Ø-3,0mm	Ø-4,0mm	Ø-4,5mm	Ø-5,0mm	Ø-6,0mm	Ø-7,0mm
40	X-06-52-04	X-06-53-04	X-06-54-04	X-06-55-04	X-06-56-04	X-06-57-04	X-06-58-04
60	X-06-52-06	X-06-53-06	X-06-54-06	X-06-55-06	X-06-56-06	X-06-57-06	X-06-58-06
80	X-06-52-08	X-06-53-08	X-06-54-08	X-06-55-08	X-06-56-08	X-06-57-08	X-06-58-08
100	X-06-52-10	X-06-53-10	X-06-54-10	X-06-55-10	X-06-56-10	X-06-57-10	X-06-58-10
120	X-06-52-12	X-06-53-12	X-06-54-12	X-06-55-12	X-06-56-12	X-06-57-12	X-06-58-12
130	X-06-52-13	X-06-53-13	X-06-54-13	X-06-55-13	X-06-56-13	X-06-57-13	X-06-58-13
150	X-06-52-15	X-06-53-15	X-06-54-15	X-06-55-15	X-06-56-15	X-06-57-15	X-06-58-15
180	X-06-52-18	X-06-53-18	X-06-54-18	X-06-55-18	X-06-56-18	X-06-57-18	X-06-58-18
200	X-06-52-20	X-06-53-20	X-06-54-20	X-06-55-20	X-06-56-20	X-06-57-20	X-06-58-20
220	X-06-52-22	X-06-53-22	X-06-54-22	X-06-55-22	X-06-56-22	X-06-57-22	X-06-58-22
250	X-06-52-25	X-06-53-25	X-06-54-25	X-06-55-25	X-06-56-25	X-06-57-25	X-06-58-25
280	X-06-52-28	X-06-53-28	X-06-54-28	X-06-55-28	X-06-56-28	X-06-57-28	X-06-58-28
300	X-06-52-30	X-06-53-30	X-06-54-30	X-06-55-30	X-06-56-30	X-06-57-30	X-06-58-30



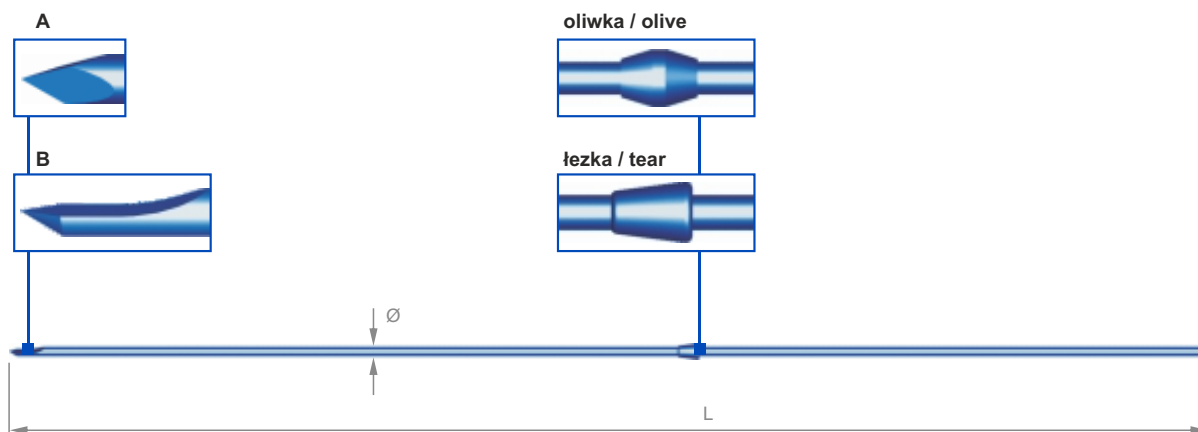
**GROTOWKRĘT APEX**  
**APEX SCREW**

Ø(mm)	L (mm)	A (mm)	Nr kat.	Ø(mm)	L (mm)	A (mm)	Nr kat.	Ø(mm)	L (mm)	A (mm)	Nr kat.	Ø(mm)	L (mm)	A (mm)	Nr kat.
4,0	95	35	X-06-59-02	3,0	60	10	X-06-59-30	4,0	120	30	X-06-59-44	5,0	150	50	X-06-59-54
4,0	135	45	X-06-59-03	3,0	80	10	X-06-59-31	4,0	120	35	X-06-59-45	5,0	175	55	X-06-59-55
4,0	180	55	X-06-59-04	3,0	80	15	X-06-59-32	4,0	150	40	X-06-59-46	5,0	180	60	X-06-59-56
5,0	95	35	X-06-59-12	3,0	80	20	X-06-59-33	4,0	150	50	X-06-59-47	5,0	200	50	X-06-59-57
5,0	135	45	X-06-59-13	3,0	110	10	X-06-59-34	4,0	175	50	X-06-59-48	5,0	200	60	X-06-59-58
5,0	180	55	X-06-59-14	3,0	110	25	X-06-59-35	4,0	180	50	X-06-59-49	5,0	250	50	X-06-59-59
6,0	95	35	X-06-59-22	4,0	90	10	X-06-59-41	5,0	120	30	X-06-59-51	5,0	250	70	X-06-59-60
6,0	135	45	X-06-59-23	4,0	90	20	X-06-59-42	5,0	120	35	X-06-59-52	6,0	150	50	X-06-59-71
6,0	180	55	X-06-59-24	4,0	90	30	X-06-59-43	5,0	150	40	X-06-59-53	6,0	180	60	X-06-59-72
												6,0	200	70	X-06-59-73
												6,0	250	80	X-06-59-74



**GROTOWKRĘT STOŻKOWY  
CONICAL SCREW**

L (mm)	A (mm)	Ø-2,5mm	Ø-3,0mm	Ø-4,0mm	Ø-4,5mm	Ø-5,0mm	Ø-6,0mm	GABCZASTY Cancellous Ø-6,0mm
60	20	X-06-61-01	X-06-62-01	X-06-63-01	X-06-64-01	X-06-65-01	X-06-66-01	X-06-67-01
60	25	X-06-61-02	X-06-62-02	X-06-63-02	X-06-64-02	X-06-65-02	X-06-66-02	-
60	30	-	-	X-06-63-03	X-06-64-03	X-06-65-03	X-06-66-03	-
80	20	X-06-61-03	X-06-62-03	-	-	-	-	-
80	25	X-06-61-04	X-06-62-04	-	X-06-64-04	X-06-65-04	-	-
80	30	X-06-61-05	X-06-62-05	X-06-63-04	X-06-64-05	X-06-65-05	X-06-66-04	X-06-67-02
80	40	-	-	X-06-63-05	-	-	X-06-66-05	X-06-67-03
100	25	X-06-61-06	X-06-62-06	-	-	-	-	-
100	30	X-06-61-07	X-06-62-07	X-06-63-06	X-06-64-06	X-06-65-06	X-06-66-06	X-06-67-04
100	40	-	-	X-06-63-07	X-06-64-07	X-06-65-07	X-06-66-07	X-06-67-05
120	30	X-06-61-08	X-06-62-08	X-06-63-08	X-06-64-08	X-06-65-08	X-06-66-08	X-06-67-06
120	40	X-06-61-09	X-06-62-09	X-06-63-09	X-06-64-09	X-06-65-09	X-06-66-09	X-06-67-07
120	50	-	-	-	-	-	-	X-06-67-08
120	60	-	-	-	-	-	-	X-06-67-09
130	30	X-06-61-10	X-06-62-10	X-06-63-10	X-06-64-10	X-06-65-10	X-06-66-10	-
130	40	X-06-61-11	X-06-62-11	X-06-63-11	X-06-64-11	X-06-65-11	X-06-66-11	X-06-67-10
130	50	-	-	-	X-06-64-12	X-06-65-12	X-06-66-12	X-06-67-11
130	60	-	-	-	-	-	-	X-06-67-12
150	40	X-06-61-12	X-06-62-12	X-06-63-12	X-06-64-13	X-06-65-13	X-06-66-13	-
150	50	-	-	-	-	X-06-65-14	X-06-66-14	X-06-67-13
150	60	-	-	-	-	X-06-65-15	X-06-66-15	X-06-67-14
180	40	X-06-61-13	X-06-62-13	X-06-63-13	X-06-64-14	X-06-65-16	X-06-66-16	-
180	50	X-06-61-14	X-06-62-14	X-06-63-14	X-06-64-15	X-06-65-17	X-06-66-17	-
180	60	-	-	-	-	X-06-65-18	X-06-66-18	-
180	70	-	-	-	-	-	X-06-66-19	X-06-67-15
180	80	-	-	-	-	-	X-06-66-20	X-06-67-16
180	90	-	-	-	-	-	X-06-66-21	X-06-67-17
180	100	-	-	-	-	-	X-06-66-22	X-06-67-18
200	40	X-06-61-15	X-06-62-15	X-06-63-15	X-06-64-16	X-06-65-19	X-06-66-23	-
200	50	X-06-61-16	X-06-62-16	X-06-63-16	X-06-64-17	X-06-65-20	X-06-66-24	-
200	60	-	-	-	-	X-06-65-21	X-06-66-25	-
200	70	-	-	-	-	-	X-06-66-26	X-06-67-19
200	80	-	-	-	-	-	X-06-66-27	X-06-67-20
200	90	-	-	-	-	-	X-06-66-28	X-06-67-21
200	100	-	-	-	-	-	X-06-66-29	X-06-67-22
220	50	X-06-61-17	X-06-62-17	X-06-63-17	X-06-64-18	X-06-65-22	X-06-66-30	-
220	60	-	-	-	-	X-06-65-23	X-06-66-31	-
220	70	-	-	-	-	-	X-06-66-32	-
220	80	-	-	-	-	-	X-06-66-33	-
220	90	-	-	-	-	-	X-06-66-34	-
220	100	-	-	-	-	-	X-06-66-35	-
250	50	X-06-61-18	X-06-62-18	X-06-63-18	X-06-64-19	X-06-65-24	X-06-66-36	-
250	60	-	-	-	-	X-06-65-25	X-06-66-37	-
250	70	-	-	-	-	-	X-06-66-38	-
250	80	-	-	-	-	-	X-06-66-39	-
250	90	-	-	-	-	-	X-06-66-40	-
250	100	-	-	-	-	-	X-06-66-41	-



**GWÓŹDZ KOSTNY Z OGRANICZNIKIEM**

**BONE NAIL WITH LIMITER**

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



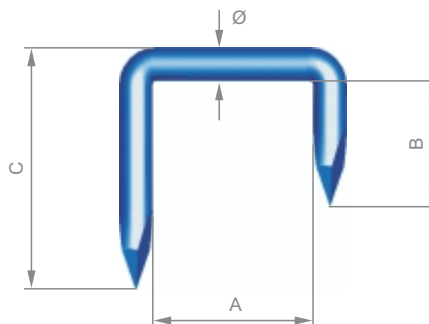
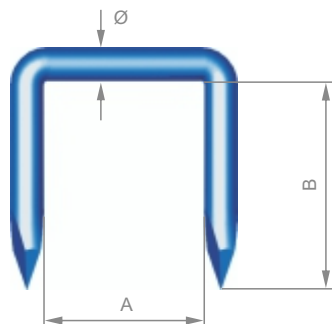
**DRUT DO CERKLARZU L=5 m**  
**WIRE FOR CERCLAGE L=5 m**

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



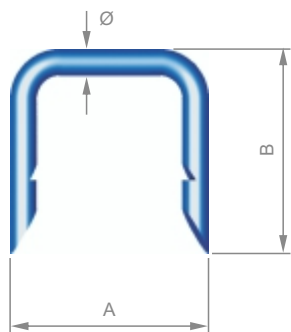
**DRUT DO CERKLARZU PROSTY Z OCZKIEM**  
**WIRE FOR CERCLAGE WITH EYE**

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

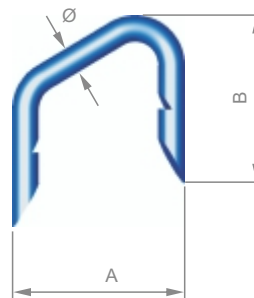


**KLAMRA WILBERGA  
WILBERG STAPLE**

A (mm)	B (mm)	C (mm)	Ø=2,5mm	Ø=3,0mm	Ø=3,5mm	Ø=4,0mm
15	20	-	X-06-70-01	X-06-70-04	X-06-70-07	X-06-70-10
20	20	-	X-06-70-02	X-06-70-05	X-06-70-08	X-06-70-11
20	25	-	X-06-70-03	X-06-70-06	X-06-70-09	X-06-70-12
15	10	20	X-06-71-01	X-06-71-04	X-06-71-07	X-06-71-10
20	10	20	X-06-71-02	X-06-71-05	X-06-71-08	X-06-71-11
20	15	25	X-06-71-03	X-06-71-06	X-06-71-09	X-06-71-12



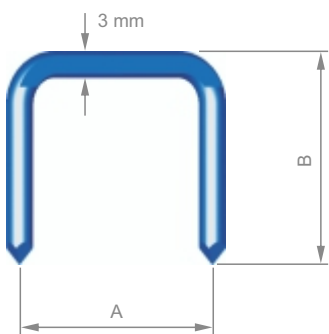
**TYP I / TYPE I**



**TYP II / TYPE II**

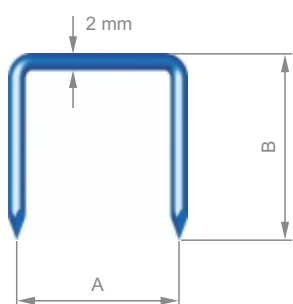
**KLAMRY KOSTNE  
BONE STAPLES**

Ø(mm)	A (mm)	B (mm)	TYP I TYPE I	TYP II TYPE II
3,2	20	25	X-06-73-01	X-06-74-01
3,2	25	25	X-06-73-02	X-06-74-02
3,2	30	25	X-06-73-03	X-06-74-03
3,2	35	25	X-06-73-04	X-06-74-04
3,2	40	25	X-06-73-05	X-06-74-05
3,2	20	30	X-06-73-06	X-06-74-06
3,2	25	30	X-06-73-07	X-06-74-07
3,2	30	30	X-06-73-08	X-06-74-08
3,2	35	30	X-06-73-09	X-06-74-09
3,2	40	30	X-06-73-10	X-06-74-10
2,5	20	15	X-06-73-11	X-06-74-11
2,5	25	15	X-06-73-12	X-06-74-12
2,5	30	15	X-06-73-13	X-06-74-13
2,5	20	20	X-06-73-14	X-06-74-14
2,5	25	20	X-06-73-15	X-06-74-15
2,5	30	20	X-06-73-16	X-06-74-16



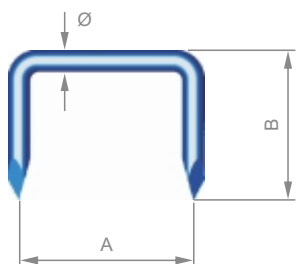
◀ **KLAMRA KOSTNA  
BONE STAPLE**

A (mm)	B (mm)	Nr kat.
18	20	X-06-77-01
25	20	X-06-77-02



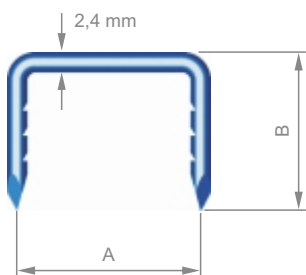
◀ **KLAMRA KOSTNA  
BONE STAPLE**

A (mm)	B (mm)	Nr kat.
10	19	X-06-79-01
16	22	X-06-79-02
22	22	X-06-79-03



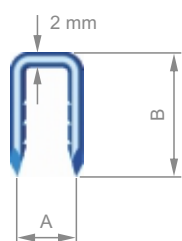
◀ **KLAMRA KOSTNA  
BONE STAPLE**

Ø(mm)	A (mm)	B (mm)	Nr kat.
1,6	16	19	X-06-81-01
1,6	22	19	X-06-81-02
2,4	16	19	X-06-81-03
2,4	22	19	X-06-81-04
2,8	16	19	X-06-81-05
2,8	22	19	X-06-81-06



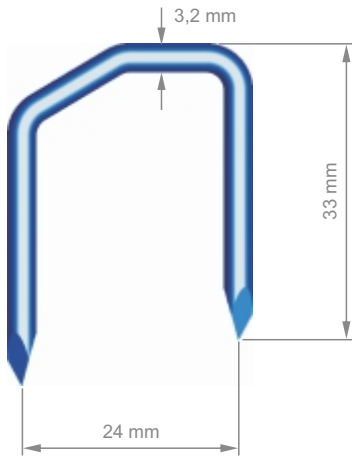
◀ **KLAMRA KOSTNA  
BONE STAPLE**

A (mm)	B (mm)	Nr kat.
16	19	X-06-84-01
22	19	X-06-84-02



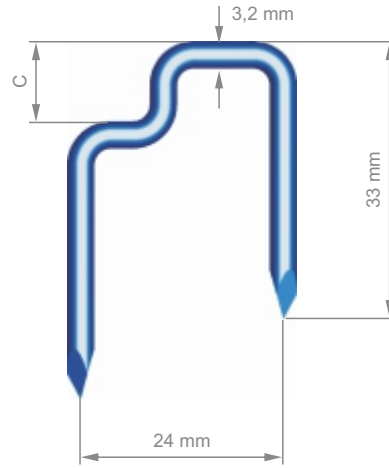
◀ **KLAMRA KOSTNA  
BONE STAPLE**

A (mm)	B (mm)	Nr kat.
9	16	X-06-86-01
9	19	X-06-86-02
9	22	X-06-86-03
9	25	X-06-86-04



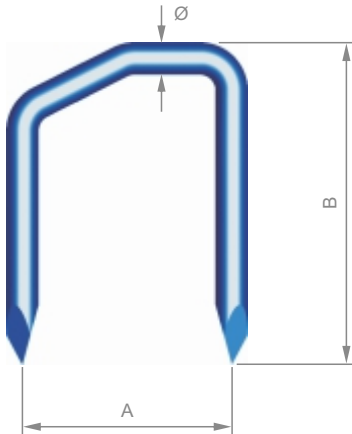
4-06-87-01

**KLAMRA KOSTNA**  
**BONE STAPLE**



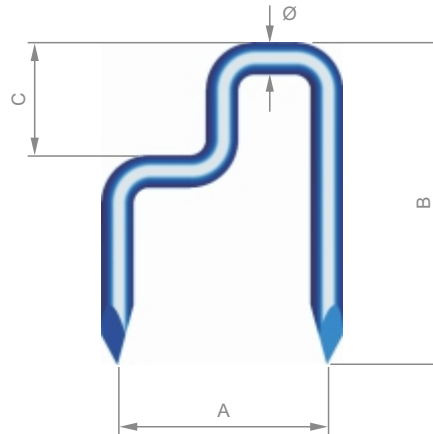
**KLAMRA KOSTNA**  
**BONE STAPLE**

C (mm)	Nr kat.
9,5	X-06-87-02
14	X-06-87-03



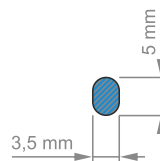
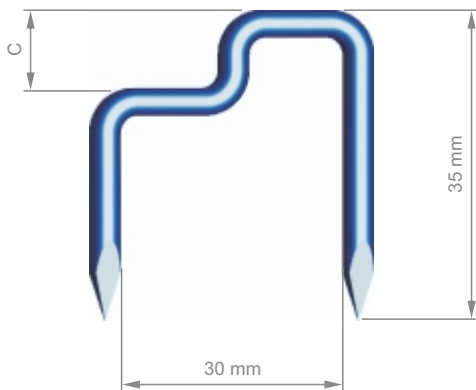
**KLAMRA KOSTNA**  
**BONE STAPLE**

Ø(mm)	A (mm)	B (mm)	Nr kat.
2,0	24	33	X-06-88-01
3,2	24	33	X-06-88-04
3,2	26	35	X-06-89-01
4,0	26	40	X-06-89-04



**KLAMRA KOSTNA**  
**BONE STAPLE**

Ø(mm)	A (mm)	B (mm)	C (mm)	Nr kat.
2,0	24	33	9,5	X-06-88-02
2,0	24	33	14	X-06-88-03
3,2	24	33	9,5	X-06-88-05
3,2	24	33	14	X-06-88-06
3,2	26	35	8	X-06-89-02
3,2	26	35	14	X-06-89-03
4,0	26	40	8	X-06-89-05
4,0	26	40	14	X-06-89-06

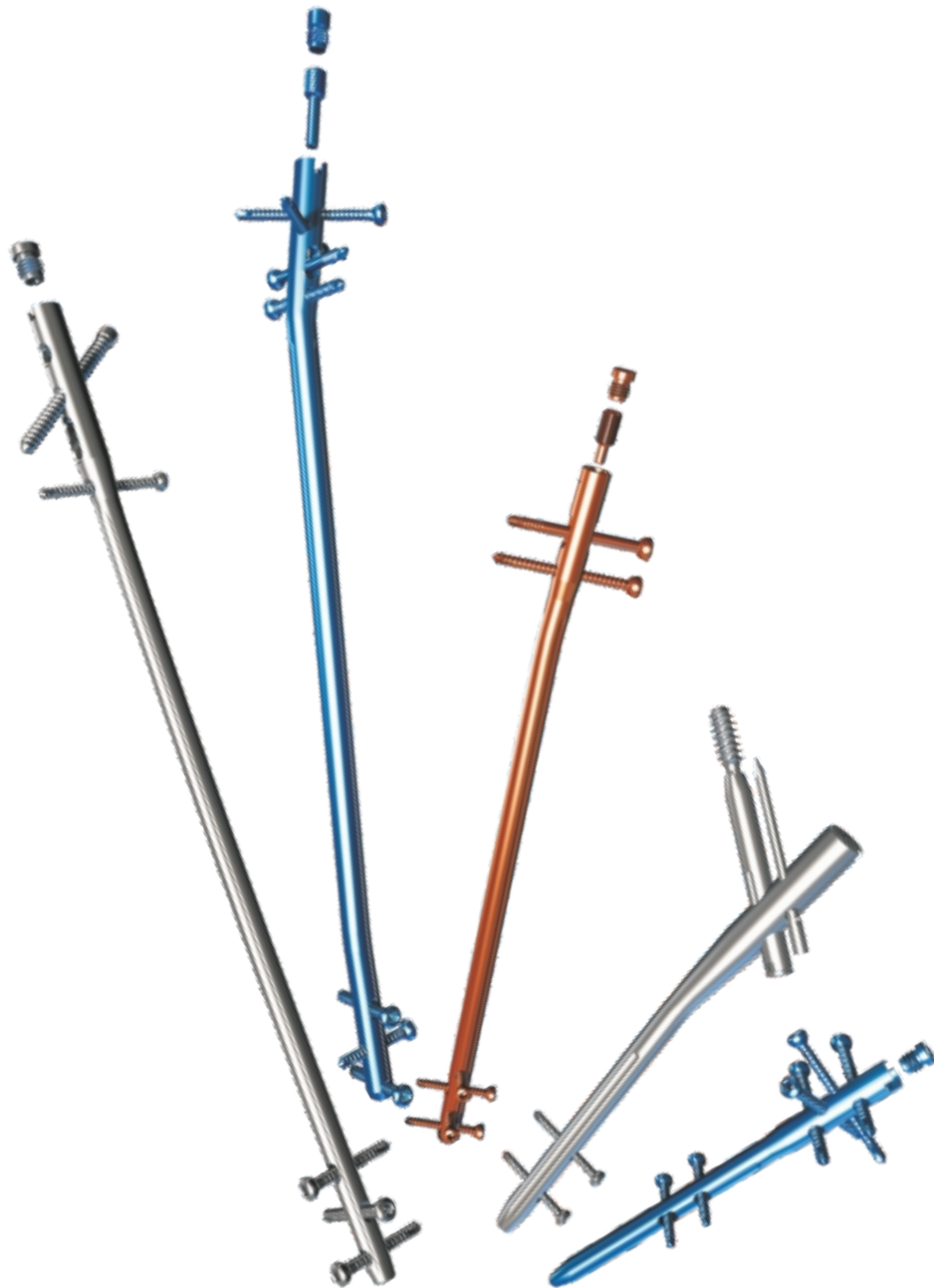


**KLAMRA KOSTNA**  
**BONE STAPLE**

C (mm)	Nr kat.
10	X-06-92-01
15	X-06-92-02



**GWOŹDZIE ŚRÓDSZPIKOWE BLOKOWANE**  
INTRAMEDULLARY LOCKING NAILS





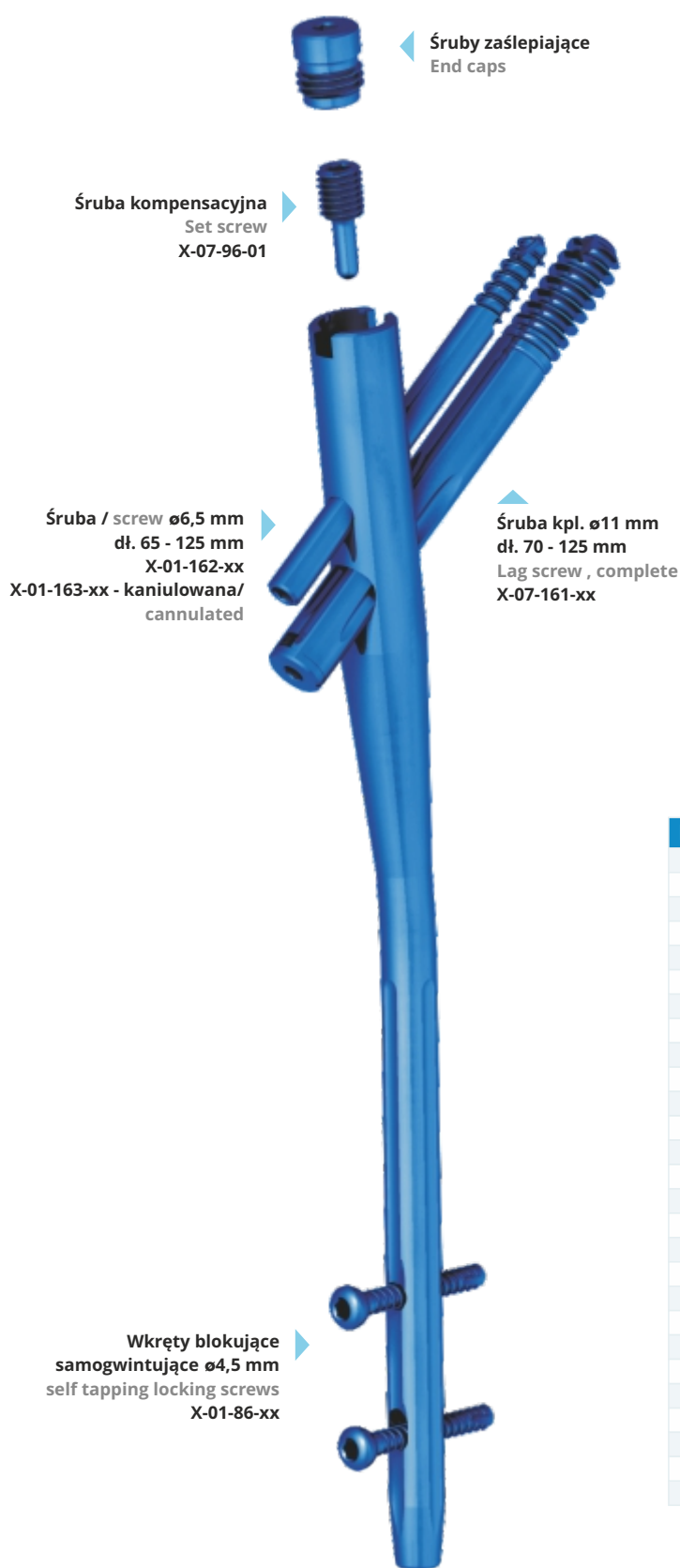
◀ **WZÓR GWOŹDZIA AŻUROWEGO**  
EXAMPLE OF THE OPENWORK NAIL

**DOSTĘPNE ODMIANY GWOŹDZI / AVAILABLE TYPES OF NAILS**

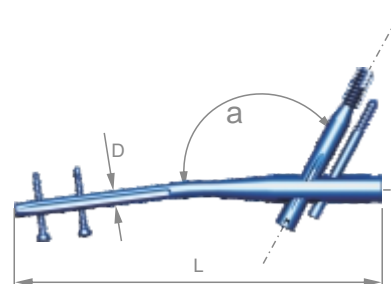
Pierwszy człon numeru katalogowego First part of REF No.	Odmiany gwoździ / Types of nails
1	tytan / titanium
2	tytan kaniulowany / cannulated titanium
3	Stalowe lite / Steel solid nails
4	stal kaniulowana / cannulated steel
5	stal kaniulowana + DLC / stainless steel + DLC
6	Ażurowe / openwork nails
11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



**GWÓDŹ UDOWY PROKSYMALNY PODWÓJNY - KRÓTKI  
DOUBLE PROXIMAL FEMORAL NAIL - SHORT**



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



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

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

**GWÓDŹ UDOWY PROKSYMALNY PODWÓJNY - DŁUGI  
DOUBLE PROXIMAL FEMORAL NAIL - LONG**



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

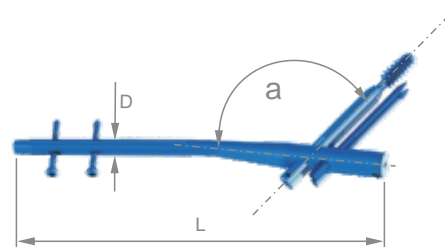
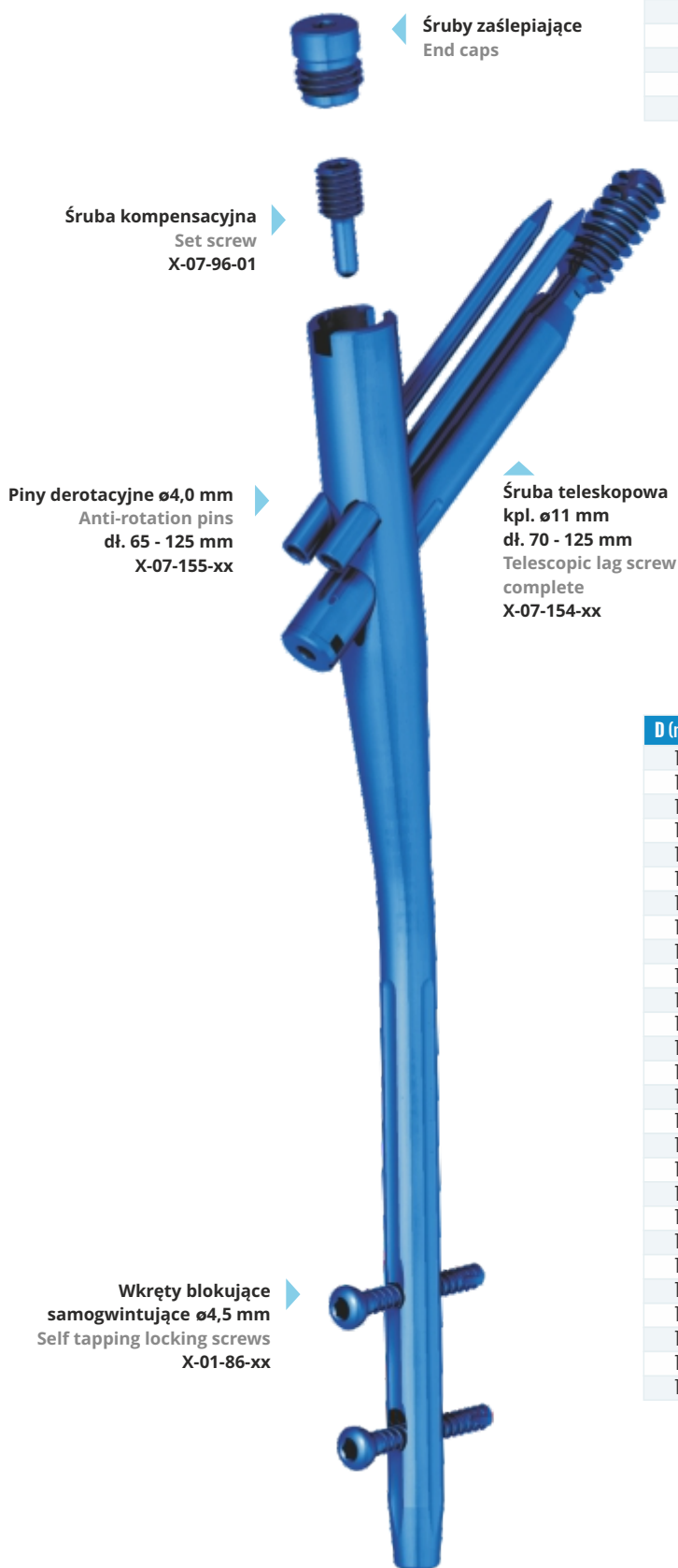
Gwoździe są dostępne dla długości L = 300 - 600 mm, skok co 5 mm, ostatni człon numeru katalogowego oznacza długość w [mm]

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

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

**GWÓZDŹ UDOWY PROKSYMALNY POTRÓJNY - KRÓTKI  
TRIPLE PROXIMAL FEMORAL NAIL - SHORT**

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



D (mm)	L (mm)	$\alpha = 125^\circ$	$\alpha = 130^\circ$	$\alpha = 135^\circ$
10	200	X-07-113-200	X-07-120-200	X-07-127-200
10	210	X-07-113-210	X-07-120-210	X-07-127-210
10	220	X-07-113-220	X-07-120-220	X-07-127-220
10	230	X-07-113-230	X-07-120-230	X-07-127-230
10	240	X-07-113-240	X-07-120-240	X-07-127-240
10	250	X-07-113-250	X-07-120-250	X-07-127-250
10	260	X-07-113-260	X-07-120-260	X-07-127-260
10	270	X-07-113-270	X-07-120-270	X-07-127-270
10	280	X-07-113-280	X-07-120-280	X-07-127-280
11	200	X-07-114-200	X-07-121-200	X-07-128-200
11	210	X-07-114-210	X-07-121-210	X-07-128-210
11	220	X-07-114-220	X-07-121-220	X-07-128-220
11	230	X-07-114-230	X-07-121-230	X-07-128-230
11	240	X-07-114-240	X-07-121-240	X-07-128-240
11	250	X-07-114-250	X-07-121-250	X-07-128-250
11	260	X-07-114-260	X-07-121-260	X-07-128-260
11	270	X-07-114-270	X-07-121-270	X-07-128-270
11	280	X-07-114-280	X-07-121-280	X-07-128-280
12	200	X-07-115-200	X-07-122-200	X-07-129-200
12	210	X-07-115-210	X-07-122-210	X-07-129-210
12	220	X-07-115-220	X-07-122-220	X-07-129-220
12	230	X-07-115-230	X-07-122-230	X-07-129-230
12	240	X-07-115-240	X-07-122-240	X-07-129-240
12	250	X-07-115-250	X-07-122-250	X-07-129-250
12	260	X-07-115-260	X-07-122-260	X-07-129-260
12	270	X-07-115-270	X-07-122-270	X-07-129-270
12	280	X-07-115-280	X-07-122-280	X-07-129-280

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

**GWÓDŹ UDOWY PROKSYMALNY POTRÓJNY - DŁUGI  
TRIPLE PROXIMAL FEMORAL NAIL - LONG**



D (mm)	L (mm)	GWÓDŹ LEWY / LEFT NAIL			GWÓDŹ PRAWY / RIGHT NAIL		
		$\alpha = 125^\circ$	$\alpha = 130^\circ$	$\alpha = 135^\circ$	$\alpha = 125^\circ$	$\alpha = 130^\circ$	$\alpha = 135^\circ$
10	300	X-07-113-300	X-07-120-300	X-07-127-300	X-07-134-300	X-07-141-300	X-07-148-300
10	310	X-07-113-310	X-07-120-310	X-07-127-310	X-07-134-310	X-07-141-310	X-07-148-310
10	320	X-07-113-320	X-07-120-320	X-07-127-320	X-07-134-320	X-07-141-320	X-07-148-320
10	330	X-07-113-330	X-07-120-330	X-07-127-330	X-07-134-330	X-07-141-330	X-07-148-330
10	340	X-07-113-340	X-07-120-340	X-07-127-340	X-07-134-340	X-07-141-340	X-07-148-340
10	350	X-07-113-350	X-07-120-350	X-07-127-350	X-07-134-350	X-07-141-350	X-07-148-350
10	360	X-07-113-360	X-07-120-360	X-07-127-360	X-07-134-360	X-07-141-360	X-07-148-360
10	370	X-07-113-370	X-07-120-370	X-07-127-370	X-07-134-370	X-07-141-370	X-07-148-370
10	380	X-07-113-380	X-07-120-380	X-07-127-380	X-07-134-380	X-07-141-380	X-07-148-380
10	390	X-07-113-390	X-07-120-390	X-07-127-390	X-07-134-390	X-07-141-390	X-07-148-390
10	400	X-07-113-400	X-07-120-400	X-07-127-400	X-07-134-400	X-07-141-400	X-07-148-400
10	410	X-07-113-410	X-07-120-410	X-07-127-410	X-07-134-410	X-07-141-410	X-07-148-410
10	420	X-07-113-420	X-07-120-420	X-07-127-420	X-07-134-420	X-07-141-420	X-07-148-420
10	430	X-07-113-430	X-07-120-430	X-07-127-430	X-07-134-430	X-07-141-430	X-07-148-430
10	440	X-07-113-440	X-07-120-440	X-07-127-440	X-07-134-440	X-07-141-440	X-07-148-440
11	300	X-07-114-300	X-07-121-300	X-07-128-300	X-07-135-300	X-07-142-300	X-07-149-300
11	310	X-07-114-310	X-07-121-310	X-07-128-310	X-07-135-310	X-07-142-310	X-07-149-310
11	320	X-07-114-320	X-07-121-320	X-07-128-320	X-07-135-320	X-07-142-320	X-07-149-320
11	330	X-07-114-330	X-07-121-330	X-07-128-330	X-07-135-330	X-07-142-330	X-07-149-330
11	340	X-07-114-340	X-07-121-340	X-07-128-340	X-07-135-340	X-07-142-340	X-07-149-340
11	350	X-07-114-350	X-07-121-350	X-07-128-350	X-07-135-350	X-07-142-350	X-07-149-350
11	360	X-07-114-360	X-07-121-360	X-07-128-360	X-07-135-360	X-07-142-360	X-07-149-360
11	370	X-07-114-370	X-07-121-370	X-07-128-370	X-07-135-370	X-07-142-370	X-07-149-370
11	380	X-07-114-380	X-07-121-380	X-07-128-380	X-07-135-380	X-07-142-380	X-07-149-380
11	390	X-07-114-390	X-07-121-390	X-07-128-390	X-07-135-390	X-07-142-390	X-07-149-390
11	400	X-07-114-400	X-07-121-400	X-07-128-400	X-07-135-400	X-07-142-400	X-07-149-400
11	410	X-07-114-410	X-07-121-410	X-07-128-410	X-07-135-410	X-07-142-410	X-07-149-410
11	420	X-07-114-420	X-07-121-420	X-07-128-420	X-07-135-420	X-07-142-420	X-07-149-420
11	430	X-07-114-430	X-07-121-430	X-07-128-430	X-07-135-430	X-07-142-430	X-07-149-430
11	440	X-07-114-440	X-07-121-440	X-07-128-440	X-07-135-440	X-07-142-440	X-07-149-440
12	300	X-07-115-300	X-07-122-300	X-07-129-300	X-07-136-300	X-07-143-300	X-07-150-300
12	310	X-07-115-310	X-07-122-310	X-07-129-310	X-07-136-310	X-07-143-310	X-07-150-310
12	320	X-07-115-320	X-07-122-320	X-07-129-320	X-07-136-320	X-07-143-320	X-07-150-320
12	330	X-07-115-330	X-07-122-330	X-07-129-330	X-07-136-330	X-07-143-330	X-07-150-330
12	340	X-07-115-340	X-07-122-340	X-07-129-340	X-07-136-340	X-07-143-340	X-07-150-340
12	350	X-07-115-350	X-07-122-350	X-07-129-350	X-07-136-350	X-07-143-350	X-07-150-350
12	360	X-07-115-360	X-07-122-360	X-07-129-360	X-07-136-360	X-07-143-360	X-07-150-360
12	370	X-07-115-370	X-07-122-370	X-07-129-370	X-07-136-370	X-07-143-370	X-07-150-370
12	380	X-07-115-380	X-07-122-380	X-07-129-380	X-07-136-380	X-07-143-380	X-07-150-380
12	390	X-07-115-390	X-07-122-390	X-07-129-390	X-07-136-390	X-07-143-390	X-07-150-390
12	400	X-07-115-400	X-07-122-400	X-07-129-400	X-07-136-400	X-07-143-400	X-07-150-400
12	410	X-07-115-410	X-07-122-410	X-07-129-410	X-07-136-410	X-07-143-410	X-07-150-410
12	420	X-07-115-420	X-07-122-420	X-07-129-420	X-07-136-420	X-07-143-420	X-07-150-420
12	430	X-07-115-430	X-07-122-430	X-07-129-430	X-07-136-430	X-07-143-430	X-07-150-430
12	440	X-07-115-440	X-07-122-440	X-07-129-440	X-07-136-440	X-07-143-440	X-07-150-440

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

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

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

**GWÓDŹ UDOWY UNIWERSALNY  
UNIVERSAL FEMORAL NAIL**

Śruby zaślepiające  
End caps

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

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

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



Metoda antegrade, statyczna i kompresyjna  
Antegrade static & compression method



Metoda antegrade skośna  
Antegrade oblique screw



Metoda odkolanowa  
Retrograde method

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

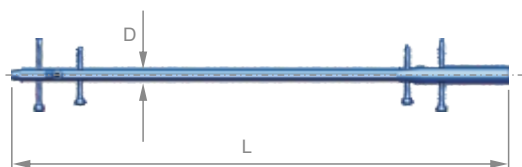
GWÓDZIE SĄ DOSTĘPNE DLA DŁUGOŚCI co 10 mm, ostatni człon numeru katalogowego oznacza długość w [mm]  
GWÓDZIE SĄ DOSTĘPNE RÓWNIEŻ DLA ŚREDNIC D=8, 14, 15, 16, 17, 18, 19 mm  
. Available also for diameter D = 8, 14, 15, 16, 17, 18, 19 mm



**GWÓDŹ UDOWY PROSTY  
STRAIGHT FEMORAL NAIL**

Śruby zaślepiające  
End caps

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



Śruba kompresyjna  
Compression screw  
X-07-96-02

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

L (mm)	D=9mm	D=10mm	D=11mm	D=12mm	D=13mm
300	X-07-01-300	X-07-02-300	X-07-03-300	X-07-04-300	X-07-05-300
310	X-07-01-310	X-07-02-310	X-07-03-310	X-07-04-310	X-07-05-310
320	X-07-01-320	X-07-02-320	X-07-03-320	X-07-04-320	X-07-05-320
330	X-07-01-330	X-07-02-330	X-07-03-330	X-07-04-330	X-07-05-330
340	X-07-01-340	X-07-02-340	X-07-03-340	X-07-04-340	X-07-05-340
350	X-07-01-350	X-07-02-350	X-07-03-350	X-07-04-350	X-07-05-350
360	X-07-01-360	X-07-02-360	X-07-03-360	X-07-04-360	X-07-05-360
370	X-07-01-370	X-07-02-370	X-07-03-370	X-07-04-370	X-07-05-370
380	X-07-01-380	X-07-02-380	X-07-03-380	X-07-04-380	X-07-05-380
390	X-07-01-390	X-07-02-390	X-07-03-390	X-07-04-390	X-07-05-390
400	X-07-01-400	X-07-02-400	X-07-03-400	X-07-04-400	X-07-05-400
410	X-07-01-410	X-07-02-410	X-07-03-410	X-07-04-410	X-07-05-410
420	X-07-01-420	X-07-02-420	X-07-03-420	X-07-04-420	X-07-05-420
430	X-07-01-430	X-07-02-430	X-07-03-430	X-07-04-430	X-07-05-430
440	X-07-01-440	X-07-02-440	X-07-03-440	X-07-04-440	X-07-05-440
450	X-07-01-450	X-07-02-450	X-07-03-450	X-07-04-450	X-07-05-450
460	X-07-01-460	X-07-02-460	X-07-03-460	X-07-04-460	X-07-05-460
470	X-07-01-470	X-07-02-470	X-07-03-470	X-07-04-470	X-07-05-470
480	X-07-01-480	X-07-02-480	X-07-03-480	X-07-04-480	X-07-05-480
490	X-07-01-490	X-07-02-490	X-07-03-490	X-07-04-490	X-07-05-490
500	X-07-01-500	X-07-02-500	X-07-03-500	X-07-04-500	X-07-05-500

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

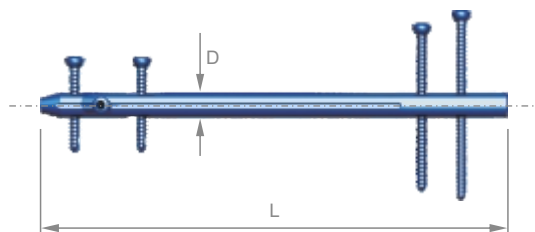
Gwoździe są dostępne dla długości L=260 - 600 mm, skok co 5 mm, ostatni człon numeru katalogowego oznacza długość w [mm]

Gwoździe są dostępne również dla średnic D=8, 14, 15, 16, 17, 18, 19 mm

Available in lengths L = 260 - 600 mm, last part of catalogue number is length in [mm]. Available also for diameter D = 8, 14, 15, 16, 17, 18, 19 mm

**GWÓŹDŹ UDOWY ODKOLANOWY  
RETROGRADE FEMORAL NAIL**

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



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



Śruba zaślepiająca  
End cap  
X-07-95-05



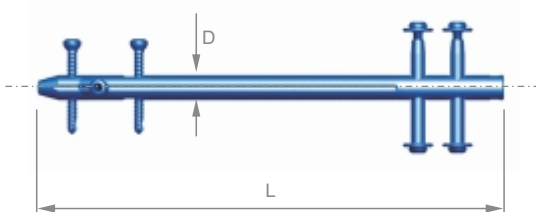
L (mm)	D=9mm	D=10mm	D=11mm	D=12mm	D=13mm
150	X-07-64-150	X-07-65-150	X-07-66-150	X-07-67-150	X-07-68-150
160	X-07-64-160	X-07-65-160	X-07-66-160	X-07-67-160	X-07-68-160
170	X-07-64-170	X-07-65-170	X-07-66-170	X-07-67-170	X-07-68-170
180	X-07-64-180	X-07-65-180	X-07-66-180	X-07-67-180	X-07-68-180
190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

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

**GWÓZDŹ UDOWY ODKOLANOWY  
RETROGRADE FEMORAL NAIL**

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

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



Wkręt blokujący  
samogwintujący ø6,5 mm  
Self tapping locking screws  
X-01-85-xx

**LUB/OR**

Zespoły blokujące  
Locking set  
50-105 mm  
X-01-66-xx

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

Śruba zaślepiająca  
End cap  
X-07-95-05



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

**GWÓŹDŹ UDOWY ANATOMICZNY  
ANATOMICAL FEMORAL NAIL**

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



Śruba zaślepiająca  
End cap  
X-07-95-02

[mm]	Nr kat.
0	X-07-95-40
+5	X-07-95-41
+10	X-07-95-42
+15	X-07-95-43
+20	X-07-95-44
+25	X-07-95-45
+30	X-07-95-46

Wkręt blokujący  
samogwintujący ø6,5 mm  
Self tapping locking screws  
X-01-85-xx



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

**GWÓŹDŹ LEWY  
LEFT NAIL**

L (mm)	D=9mm	D=10mm	D=11mm	D=12mm
300	X-07-163-300	X-07-164-300	X-07-165-300	X-07-166-300
310	X-07-163-310	X-07-164-310	X-07-165-310	X-07-166-310
320	X-07-163-320	X-07-164-320	X-07-165-320	X-07-166-320
330	X-07-163-330	X-07-164-330	X-07-165-330	X-07-166-330
340	X-07-163-340	X-07-164-340	X-07-165-340	X-07-166-340
350	X-07-163-350	X-07-164-350	X-07-165-350	X-07-166-350
360	X-07-163-360	X-07-164-360	X-07-165-360	X-07-166-360
370	X-07-163-370	X-07-164-370	X-07-165-370	X-07-166-370
380	X-07-163-380	X-07-164-380	X-07-165-380	X-07-166-380
390	X-07-163-390	X-07-164-390	X-07-165-390	X-07-166-390
400	X-07-163-400	X-07-164-400	X-07-165-400	X-07-166-400
410	X-07-163-410	X-07-164-410	X-07-165-410	X-07-166-410
420	X-07-163-420	X-07-164-420	X-07-165-420	X-07-166-420
430	X-07-163-430	X-07-164-430	X-07-165-430	X-07-166-430
440	X-07-163-440	X-07-164-440	X-07-165-440	X-07-166-440
450	X-07-163-450	X-07-164-450	X-07-165-450	X-07-166-450
460	X-07-163-460	X-07-164-460	X-07-165-460	X-07-166-460
470	X-07-163-470	X-07-164-470	X-07-165-470	X-07-166-470
480	X-07-163-480	X-07-164-480	X-07-165-480	X-07-166-480

**GWÓŹDŹ PRAWY  
RIGHT NAIL**

L (mm)	D=9mm	D=10mm	D=11mm	D=12mm
300	X-07-175-300	X-07-176-300	X-07-177-300	X-07-178-300
310	X-07-175-310	X-07-176-310	X-07-177-310	X-07-178-310
320	X-07-175-320	X-07-176-320	X-07-177-320	X-07-178-320
330	X-07-175-330	X-07-176-330	X-07-177-330	X-07-178-330
340	X-07-175-340	X-07-176-340	X-07-177-340	X-07-178-340
350	X-07-175-350	X-07-176-350	X-07-177-350	X-07-178-350
360	X-07-175-360	X-07-176-360	X-07-177-360	X-07-178-360
370	X-07-175-370	X-07-176-370	X-07-177-370	X-07-178-370
380	X-07-175-380	X-07-176-380	X-07-177-380	X-07-178-380
390	X-07-175-390	X-07-176-390	X-07-177-390	X-07-178-390
400	X-07-175-400	X-07-176-400	X-07-177-400	X-07-178-400
410	X-07-175-410	X-07-176-410	X-07-177-410	X-07-178-410
420	X-07-175-420	X-07-176-420	X-07-177-420	X-07-178-420
430	X-07-175-430	X-07-176-430	X-07-177-430	X-07-178-430
440	X-07-175-440	X-07-176-440	X-07-177-440	X-07-178-440
450	X-07-175-450	X-07-176-450	X-07-177-450	X-07-178-450
460	X-07-175-460	X-07-176-460	X-07-177-460	X-07-178-460
470	X-07-175-470	X-07-176-470	X-07-177-470	X-07-178-470
480	X-07-175-480	X-07-176-480	X-07-177-480	X-07-178-480

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

**GWÓŹDŹ DO KOŚCI PISZCZELOWEJ  
TIBIAL NAIL**



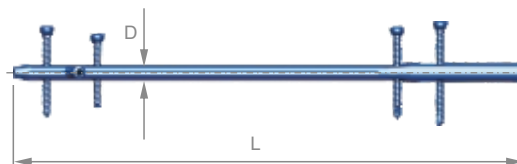
Śruba kompresyjna  
Compression screw  
X-07-96-03

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

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

Śruby zaślepiające  
End caps

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



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

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

**GWÓDŹ DO KOŚCI PISZCZEŁWEJ - REKONSTRUKCYJNY  
RECOSTRUCTION TIBIAL NAIL**

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



2 Wkręty blokujące  
samogwintujące  $\varnothing 5,0$  mm  
Self tapping locking screws  
X-01-88-xx  
lub/or  
Wkręty blokujące  
samogwintujące  $\varnothing 4,5$  mm  
Self tapping locking screws  
X-01-86-xx

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

Wersja - lity / solid



L (mm)	D-8mm	D-9mm	D-10mm	D-11mm	D-12mm
180	X-08-45-180	X-08-46-180	X-08-47-180	X-08-48-180	X-08-49-180
190	X-08-45-190	X-08-46-190	X-08-47-190	X-08-48-190	X-08-49-190
200	X-08-45-200	X-08-46-200	X-08-47-200	X-08-48-200	X-08-49-200
210	X-08-45-210	X-08-46-210	X-08-47-210	X-08-48-210	X-08-49-210
220	X-08-45-220	X-08-46-220	X-08-47-220	X-08-48-220	X-08-49-220
230	X-08-45-230	X-08-46-230	X-08-47-230	X-08-48-230	X-08-49-230
240	X-08-45-240	X-08-46-240	X-08-47-240	X-08-48-240	X-08-49-240
250	X-08-45-250	X-08-46-250	X-08-47-250	X-08-48-250	X-08-49-250
260	X-08-45-260	X-08-46-260	X-08-47-260	X-08-48-260	X-08-49-260
270	X-08-45-270	X-08-46-270	X-08-47-270	X-08-48-270	X-08-49-270
280	X-08-45-280	X-08-46-280	X-08-47-280	X-08-48-280	X-08-49-280
290	X-08-45-290	X-08-46-290	X-08-47-290	X-08-48-290	X-08-49-290
300	X-08-45-300	X-08-46-300	X-08-47-300	X-08-48-300	X-08-49-300
310	X-08-45-310	X-08-46-310	X-08-47-310	X-08-48-310	X-08-49-310
320	X-08-45-320	X-08-46-320	X-08-47-320	X-08-48-320	X-08-49-320
330	X-08-45-330	X-08-46-330	X-08-47-330	X-08-48-330	X-08-49-330
340	X-08-45-340	X-08-46-340	X-08-47-340	X-08-48-340	X-08-49-340
350	X-08-45-350	X-08-46-350	X-08-47-350	X-08-48-350	X-08-49-350
360	X-08-45-360	X-08-46-360	X-08-47-360	X-08-48-360	X-08-49-360
370	X-08-45-370	X-08-46-370	X-08-47-370	X-08-48-370	X-08-49-370
380	X-08-45-380	X-08-46-380	X-08-47-380	X-08-48-380	X-08-49-380
390	X-08-45-390	X-08-46-390	X-08-47-390	X-08-48-390	X-08-49-390
400	X-08-45-400	X-08-46-400	X-08-47-400	X-08-48-400	X-08-49-400

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

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

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

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

**GWÓŹDŹ DO KOŚCI PISZCZELOWEJ - REKONSTRUKCYJNY  
RECOSTRUCTION TIBIAL NAIL**

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

Śruby zaślepiające  
End caps



Śruba kompresyjna  
Compression screw  
X-07-96-03



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

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

L (mm)	D=8mm	D=9mm	D=10mm	D=11mm	D=12mm
180	X-08-33-180	X-08-34-180	X-08-35-180	X-08-36-180	X-08-37-180
190	X-08-33-190	X-08-34-190	X-08-35-190	X-08-36-190	X-08-37-190
200	X-08-33-200	X-08-34-200	X-08-35-200	X-08-36-200	X-08-37-200
210	X-08-33-210	X-08-34-210	X-08-35-210	X-08-36-210	X-08-37-210
220	X-08-33-220	X-08-34-220	X-08-35-220	X-08-36-220	X-08-37-220
230	X-08-33-230	X-08-34-230	X-08-35-230	X-08-36-230	X-08-37-230
240	X-08-33-240	X-08-34-240	X-08-35-240	X-08-36-240	X-08-37-240
250	X-08-33-250	X-08-34-250	X-08-35-250	X-08-36-250	X-08-37-250
260	X-08-33-260	X-08-34-260	X-08-35-260	X-08-36-260	X-08-37-260
270	X-08-33-270	X-08-34-270	X-08-35-270	X-08-36-270	X-08-37-270
280	X-08-33-280	X-08-34-280	X-08-35-280	X-08-36-280	X-08-37-280
290	X-08-33-290	X-08-34-290	X-08-35-290	X-08-36-290	X-08-37-290
300	X-08-33-300	X-08-34-300	X-08-35-300	X-08-36-300	X-08-37-300
310	X-08-33-310	X-08-34-310	X-08-35-310	X-08-36-310	X-08-37-310
320	X-08-33-320	X-08-34-320	X-08-35-320	X-08-36-320	X-08-37-320
330	X-08-33-330	X-08-34-330	X-08-35-330	X-08-36-330	X-08-37-330
340	X-08-33-340	X-08-34-340	X-08-35-340	X-08-36-340	X-08-37-340
350	X-08-33-350	X-08-34-350	X-08-35-350	X-08-36-350	X-08-37-350
360	X-08-33-360	X-08-34-360	X-08-35-360	X-08-36-360	X-08-37-360
370	X-08-33-370	X-08-34-370	X-08-35-370	X-08-36-370	X-08-37-370
380	X-08-33-380	X-08-34-380	X-08-35-380	X-08-36-380	X-08-37-380
390	X-08-33-390	X-08-34-390	X-08-35-390	X-08-36-390	X-08-37-390
400	X-08-33-400	X-08-34-400	X-08-35-400	X-08-36-400	X-08-37-400



4 Wkręty blokujące  
samogwintujące ø5,0 mm  
Self tapping locking screws  
X-01-88-xx  
lub/or  
Wkręty blokujące  
samogwintujące ø4,5 mm  
dł. 26-60 mm  
Self tapping locking screws  
X-01-86-xx

Wersja lity / solid version



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

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

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

**GWÓDŹ DO KOŚCI PISZCZEŁEJ - REKONSTRUKCYJNY  
RECOSTRUCTION TIBIAL NAIL**

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

Wersja - lity / solid



Śruba kompresyjna  
Compression screw  
X-07-96-03

Śruby zaślepiające  
End caps

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

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

10°

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

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

4°

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

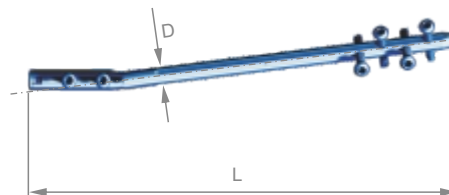
Gwoździe są dostępne również dla średnic D = 13, 14, 15, 16 17, 18, 19 mm

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



**GWÓDŹ DO KOŚCI PISZCZELOWEJ BLOKOWANY ODPIĘTOWO  
RETROGRADE LOCKING TIBIAL NAIL**

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



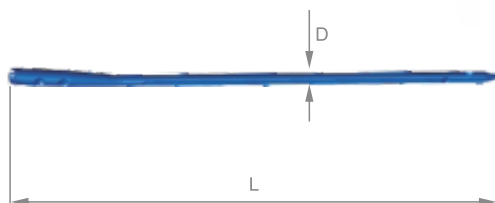
Wkręty blokujące samogwintujące  $\varnothing 4,5$  mm  
Self tapping locking screws  
X-01-86-xx

Śruba zaślepiająca  
End cap  
X-07-95-05

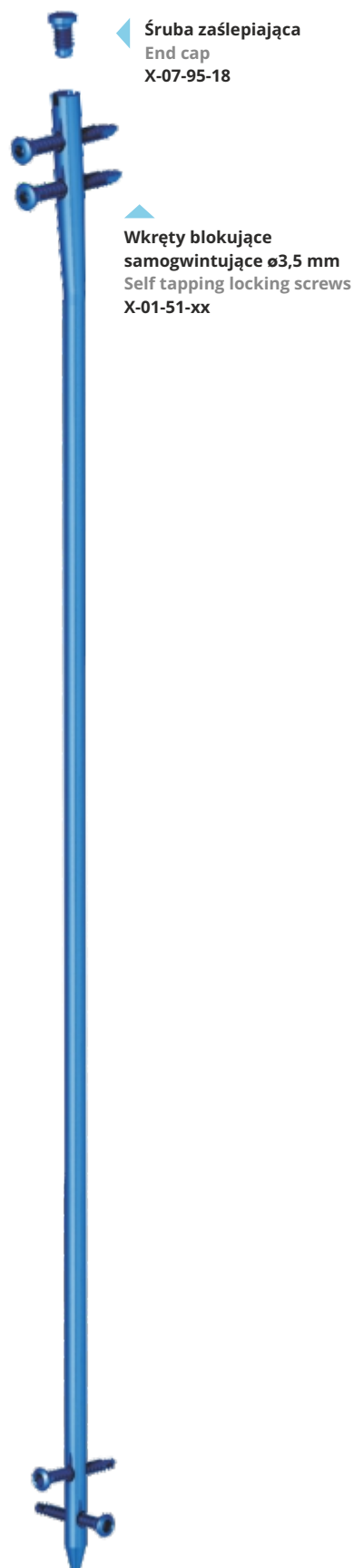
L (mm)	D-9mm	D-10mm	D-11mm
140	X-08-11-140	X-08-12-140	X-08-13-140
150	X-08-11-150	X-08-12-150	X-08-13-150
160	X-08-11-160	X-08-12-160	X-08-13-160
170	X-08-11-170	X-08-12-170	X-08-13-170
180	X-08-11-180	X-08-12-180	X-08-13-180
190	X-08-11-190	X-08-12-190	X-08-13-190
200	X-08-11-200	X-08-12-200	X-08-13-200
210	X-08-11-210	X-08-12-210	X-08-13-210
220	X-08-11-220	X-08-12-220	X-08-13-220
230	X-08-11-230	X-08-12-230	X-08-13-230
240	X-08-11-240	X-08-12-240	X-08-13-240
250	X-08-11-250	X-08-12-250	X-08-13-250
260	X-08-11-260	X-08-12-260	X-08-13-260
270	X-08-11-270	X-08-12-270	X-08-13-270
280	X-08-11-280	X-08-12-280	X-08-13-280
290	X-08-11-290	X-08-12-290	X-08-13-290
300	X-08-11-300	X-08-12-300	X-08-13-300
310	X-08-11-310	X-08-12-310	X-08-13-310
320	X-08-11-320	X-08-12-320	X-08-13-320

Gwoździe są dostępne również dla średnic / Available also for diameter D=12, 13, 14, 15 mm

**GWÓDŹ DO KOŚCI PRZEDRAMIENIA I STRZAŁKOWEJ  
FOREAM AND FIBULA NAIL**



L (mm)	D=4mm	D=5mm	D=6mm
180	X-09-12-180	X-09-14-180	X-09-15-180
190	X-09-12-190	X-09-14-190	X-09-15-190
200	X-09-12-200	X-09-14-200	X-09-15-200
210	X-09-12-210	X-09-14-210	X-09-15-210
220	X-09-12-220	X-09-14-220	X-09-15-220
230	X-09-12-230	X-09-14-230	X-09-15-230
240	X-09-12-240	X-09-14-240	X-09-15-240
250	X-09-12-250	X-09-14-250	X-09-15-250
260	X-09-12-260	X-09-14-260	X-09-15-260



Wkręty do kości drobnych samogwintujące  $\varnothing 2,7$  mm dla średnicy gwoźdza  
 Self tapping small bone fragments screws for nail diameter  $\varnothing 5$  i  $\varnothing 6$  mm  
 X-01-48-xx

Wkręty do kości drobnych samogwintujące  $\varnothing 2,7/\varnothing 2,0$  mm dla średnicy gwoźdza  
 Self tapping small bone fragments screws for nail diameter  $\varnothing 4$  mm  
 X-01-69-xx

**GWÓDŹ DO KOŚCI RAMIENNEJ  
HUMERAL NAIL**

Śruba kompresyjna  
Compression screw  
X-07-96-05

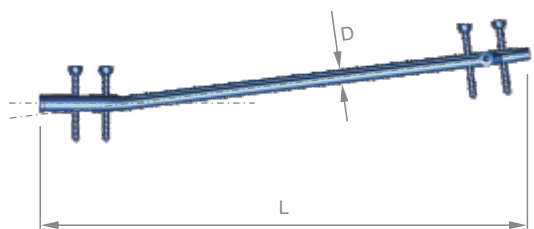
Wkręty blokujące  
samogwintujące  $\varnothing 4,5$  mm  
dł. 26-60 mm  
Self tapping locking screws  
X-01-86-xx

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

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

Śruby zaślepiające  
End caps

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



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

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

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

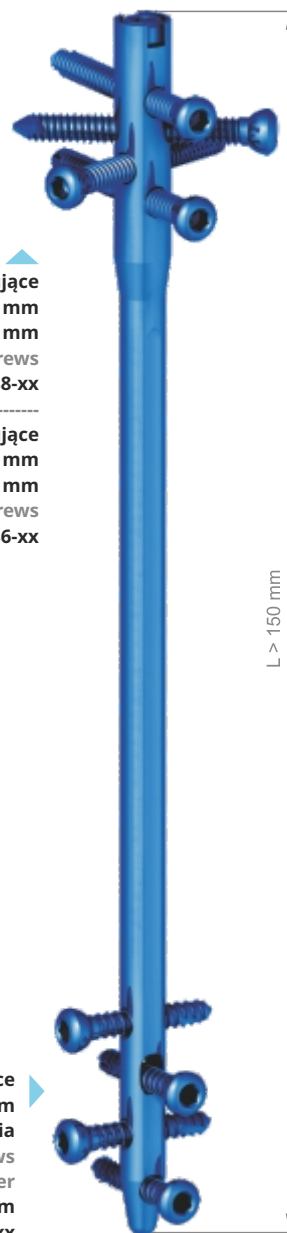
Śruba zaślepiająca  
End cap

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



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

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



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

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

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

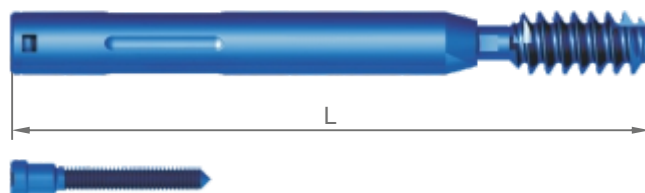
Gwoździe są dostępne dla długości L=150 - 280mm, skok co 10 mm, ostatni człon numeru katalogowego oznacza długość w [mm].  
Available in lengths L = 150 - 280 mm, last part of catalogue number is length in [mm].

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



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

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

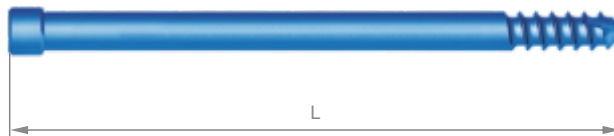


▲  
**Śruba szyjkowa teleskopowa kompletna  $\varnothing$ 11 mm  
ze śrubą kompresyjną M4**  
Telescopic lag screw, complete  $\varnothing$ 11 mm  
with M4 compression screw

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

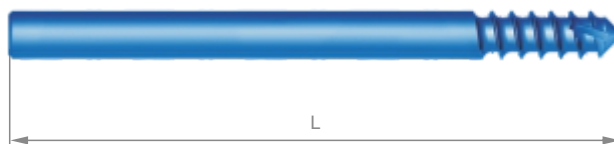
**ŚRUBY I WKRĘTY BLOKUJĄCE DLA GWOŹDZI BLOKOWANYCH  
LOCKING SCREWS FOR INTERLOCKING NAILS**

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



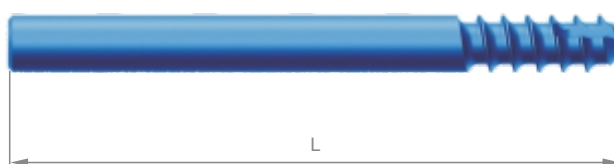
▲ **Wkręt blokujący trzonowy ø6,5 mm**  
Molar locking screw ø6,5 mm

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



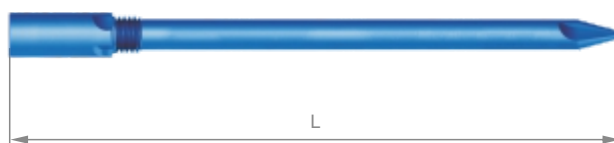
▲ **Wkręt derotacyjny trzonowy ø6,5 mm**  
Molar anti-rotation screw ø6,5 mm

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



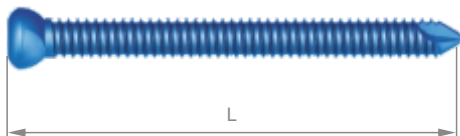
▲ **Wkręt derotacyjny trzonowy ø6,5 mm kaniulowany**  
Molar cannulated anti-rotation screw ø6,5 mm

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



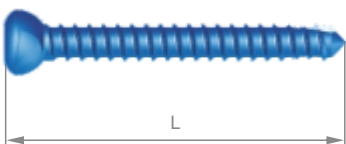
▲ **Pin derotacyjny ø4,0 mm**  
Anti-rotation pin ø4,0 mm

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



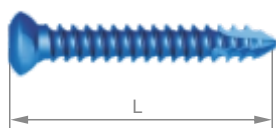
▲  
**Wkręt blokujący samogwintujący ø5,0 mm**  
Self tapping locking screw ø5,0 mm

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



▲  
**Wkręt blokujący samogwintujący ø4,5 mm**  
Self tapping locking screw ø4,5 mm

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



▲  
**Wkręt korowy samogwintujący ø3,5 mm**  
Self tapping cortical screw ø3,5 mm

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

**PLYTKI KOSTNE PROSTE**  
**STRAIGHT BONE PLATES**

Nr kat. Ref. no.	Strona Page										
		-09	38	-10	39	-12	44	X-02-43-04	47	-06	46
		-10	38	-12	39			-06	47	-08	46
		-11	38	-13	39	X-02-29-04	45	-08	47	-10	46
X-02-01-02	35	-12	38	-14	39	-06	45	-10	47	-12	46
-03	35	-13	38	-15	39	-08	45	-12	47	-14	46
-04	35	-14	38	-16	39	-10	45	-14	47	-16	46
-05	35	-15	38	X-02-18-02	38	-12	45	-16	47	-18	46
-06	35	-16	38	-03	38	-14	45	-18	47	-20	46
-07	35	-17	38	-04	38	-16	45	X-02-44-04	47	X-02-55-04	46
-08	35	-18	38	-05	38	-18	45	-06	47	-06	46
-09	35	X-02-10-02	38	-06	38	X-02-30-04	45	-08	47	-08	46
-10	35	-03	38	-07	38	-06	45	-10	47	-10	46
-11	35	-04	38	-08	38	-08	45	-12	47	-12	46
-12	35	-05	38	-09	38	-10	45	-14	47	-14	46
-13	35	-06	38	-10	38	-12	45	-16	47	-16	46
-14	35	-77/06	38	-11	38	-14	45	-18	47	-18	46
-15	35	-07	38	-12	38	-16	45	X-02-45-04	45	-20	46
-16	35	-08	38	X-02-19-06	42	-18	45	-06	45	-22	46
-17	35	-09	38	-07	42	X-02-31-04	47	-08	45	-24	46
-18	35	-10	38	-08	42	-06	47	-10	45	-26	46
X-02-02-02	35	-11	38	-09	42	-08	47	-12	45	X-02-56-04	46
-03	35	-12	38	-10	42	-10	47	-14	45	-06	46
-04	35	X-02-11-02	40	-11	42	-12	47	-16	45	-08	46
-05	35	-03	40	-12	42	-14	47	-18	45	-10	46
-06	35	-04	40	-13	42	-16	47	X-02-46-04	47	-12	46
-07	35	-05	40	-14	42	-18	47	-06	47	-14	46
-08	35	-06	40	-15	42	X-02-32-04	47	-08	47	-16	46
-09	35	-07	40	-16	42	-06	47	-10	47	-18	46
-10	35	-08	40	-17	42	-08	47	-12	47	-20	46
-11	35	-09	40	-18	42	-10	47	-14	47	X-02-67-XX	45
-12	35	-10	40	-20	42	-12	47	X-02-47-04	47	X-02-70-XX	35
-13	35	-11	40	-22	42	-14	47	-06	47	X-02-71-30	36
-14	35	-12	40	-24	42	-16	47	-08	47	-40	36
-15	35	-14	40	-25	42	X-02-33-04	47	-10	47	-50	36
-16	35	-16	40	-26	42	-06	47	-12	47	-60	36
-17	35	X-02-12-02	40	X-02-21-06	42	-08	47	-14	47	-70	36
-18	35	-03	40	-07	42	-10	47	X-02-48-08	40	-80	36
X-02-04-02	36	-04	40	-08	42	-12	47	-09	40	-90	36
-03	36	-05	40	-09	42	-14	47	-10	40	X-02-72-40	36
-04	36	-06	40	-10	42	-16	47	-11	40	-50	36
-05	36	-07	40	-11	42	-18	47	-12	40	-60	36
-06	36	-08	40	-12	42	X-02-34-04	47	X-02-49-04	45	-70	36
-07	36	-09	40	-13	42	-06	47	-05	45	-80	36
-08	36	-10	40	-14	42	-08	47	-06	45	-90	36
-09	36	-11	40	-15	42	-10	47	-07	45	-100	36
-10	36	-12	40	-16	42	-12	47	-08	45	-110	36
-11	36	-14	40	X-02-23-02	43	-14	47	-09	45	-120	36
-12	36	-16	40	-03	43	-16	47	-10	45	X-02-110-04	48
-13	36	X-02-13-02	39	-04	43	-18	47	-12	45	-05	48
-14	36	-03	39	-05	43	X-02-36-04	45	-14	45	-06	48
-15	36	-04	39	-06	43	-06	45	-16	45	-07	48
-16	36	-05	39	-07	43	-08	45	-18	45	-08	48
-18	36	-06	39	-08	43	-10	45	-20	45	-09	48
X-02-05-04	37	-07	39	-09	43	-12	45	-22	45	-10	48
-05	37	-08	39	-10	43	-14	45	-24	45	X-02-50-04	47
-06	37	-09	39	-11	43	-16	45	-06	47	-12	48
-07	37	-10	39	-12	43	X-02-37-02	41	-08	47	X-02-111-04	48
-08	37	-11	39	X-02-24-02	43	-03	41	-10	47	-05	48
-09	37	-12	39	-03	43	-04	41	-12	47	-06	48
-10	37	X-02-14-02	39	-04	43	-05	41	-14	47	-07	48
-11	37	-03	39	-05	43	-06	41	-16	47	-08	48
-12	37	-04	39	-06	43	-07	41	-18	47	-09	48
-13	37	-05	39	-07	43	-08	41	X-02-51-04	47	-10	48
-14	37	-06	39	-08	43	-09	41	-06	47	-11	48
-15	37	-07	39	-09	43	X-02-38-04	47	-08	47	-12	48
-16	37	-08	39	-10	43	-06	47	-10	47	X-02-113-05	49
-18	37	-09	39	-11	43	-08	47	-12	47	-06	49
X-02-07-04	37	-10	39	-12	43	-10	47	-14	47	-07	49
-05	37	-11	39	X-02-25-02	44	-12	47	-16	47	-08	49
-06	37	-12	39	-03	44	-14	47	-18	47	-09	49
-07	37	X-02-15-02	41	-04	44	-16	47	X-02-53-02	45	-10	49
-08	37	-03	41	-05	44	-18	47	-03	45	-11	49
-09	37	-04	41	-06	44	X-02-39-04	47	-04	45	-12	49
-10	37	-05	41	-07	44	-06	47	-05	45	-13	49
-11	37	-06	41	-08	44	-08	47	-06	45	-14	49
-12	37	-08	41	-09	44	-10	47	-08	45	-15	49
-13	37	X-02-16-02	41	-10	44	-12	47	-10	45	-16	49
-14	37	-04	41	-11	44	-14	47	-12	45	-17	49
-15	37	-06	41	X-02-26-XX	44	-16	47	-14	45	-18	49
-16	37	-08	41	X-02-27-03	44	-18	47	-16	45	X-02-116-06	49
-18	37	-10	41	-04	44	X-02-41-04	45	-18	45	-07	49
X-02-08-02	38	-12	41	-05	44	-06	45	-20	45	-08	49
-03	38	-14	41	-06	44	-08	45	-22	45	-09	49
-04	38	-16	41	-07	44	-10	45	X-02-54-02	46	-10	49
-05	38	X-02-17-05	39	-08	44	-12	45	-03	46	-11	49
-06	38	-06	39	-09	44	-14	45	-04	46	-12	49
-07	38	-07	39	-10	44	-16	45	-05	46	-13	49
-08	38	-08	39	-11	44	-18	45				



**PŁYTKI KOSTNE KSZTAŁTOWE**  
SHAPED BONE PLATES

-14	49	X-04-01-03	53	-08	57
-15	49	-04	53	-09	57
-16	49	-05	53	-10	57
-17	49	-06	53	X-04-24-03	57
-18	49	-07	53	-04	57
X-02-118-06	49	X-04-02-03	53	-05	57
-07	49	-04	53	-06	57
-08	49	-05	53	-07	57
-09	49	-06	53	-08	57
-10	49	-07	53	-09	57
-11	49	X-04-04-03	53	-10	57
-12	49	-04	53	X-04-25-32	56
-13	49	-05	53	-33	56
-14	49	-06	53	X-04-26-18	56
-15	49	-07	53	-19	56
-16	49	X-04-05-03	53	X-04-28-01	58
-17	49	-04	53	-02	58
-18	49	-05	53	-03	58
X-02-121-06	48	-06	53	-04	58
-07	48	-07	53	-05	58
-08	48	X-04-07-03	54	-06	58
-09	48	-04	54	-07	58
-10	48	-05	54	-08	58
-11	48	-06	54	-09	58
-12	48	-07	54	-10	58
-13	48	X-04-08-03	54	-11	58
-14	48	-04	54	-12	58
-15	48	-05	54	X-04-29-01	58
-16	48	-06	54	-02	58
-17	48	-07	54	-03	58
-18	48	X-04-10-03	54	-04	58
X-02-172-XX	49	-04	54	-05	58
X-02-173-XX	49	-05	54	-06	58
X-02-178-XX	43	-06	54	-07	58
X-02-179-XX	37	-07	54	-08	58
		X-04-11-03	54	-09	58
		-04	54	-10	58
		-05	54	X-04-30-01	58
		-06	54	-02	58
		-07	54	X-04-31-01	59
		X-04-13-03	55	-02	59
		-04	55	X-04-32-01	59
		-05	55	-02	59
		-06	55	-05	59
		-07	55	-06	59
		-08	55	-07	59
		-09	55	-08	59
		-10	55	-09	59
		-11	55	-10	59
		-12	55	X-04-34-01	58
		-13	55	-02	58
		X-04-14-03	55	X-04-36-01	59
		-04	55	-02	59
		-05	55	X-04-37-07	61
		-06	55	-08	61
		-07	55	-09	61
		-08	55	-10	61
		-09	55	-11	61
		-10	55	-12	61
		-11	55	-13	61
		-12	55	X-04-38-08	61
		-13	55	-09	61
		X-04-16-07	55	-10	61
		-09	55	-11	61
		-11	55	X-04-41-01	62
		-13	55	-02	62
		X-04-17-07	55	X-04-43-05	60
		-09	55	-06	60
		-11	55	-07	60
		-13	55	-08	60
		X-04-20-45	56	-09	60
		-50	56	-10	60
		-58	56	X-04-45-03	60
		-67	56	-04	60
		-68	56	-05	60
		-78	56	-06	60
		-100	56	-07	60
		X-04-21-54	56	-08	60
		-64	56	X-04-46-23	60
		-75	56	-25	60
		X-04-22-54	56	-28	60
		-64	56	-41	60
		-75	56	-44	60
		X-04-23-03	57	-59	60
		-04	57	X-04-47-01	59
		-05	57	-02	59
		-06	57	-03	59
		-07	57	X-04-50-50	56

**PŁYTKI KOSTNE KĄTOWE**  
ANGULAR BONE PLATES

X-03-01-01	67	-41	67
-02	67	-41/5	67
-03	67	-42	67
-04	67	-42/5	67
-05	67	-43	67
-06	67	-44	67
-07	67	-45	67
-08	67	-46	67
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-10	67	-48	67
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-370 114	-220 116	X-08-45-180 115	-370 115	-330 117	-290 117
-380 114	-230 116	-190 115	-380 115	-340 117	-300 117
-390 114	-240 116	-200 115	-390 115	-350 117	-310 117
-400 114	-250 116	-210 115	-400 115	-360 117	-320 117
X-08-11-140 118	-260 116	-220 115	X-08-49-180 115	-370 117	-330 117
-150 118	-270 116	-230 115	-190 115	-380 117	-340 117
-160 118	-280 116	-240 115	-200 115	-390 117	-350 117
-170 118	-290 116	-250 115	-210 115	-400 117	-360 117
-180 118	-300 116	-260 115	-220 115	X-08-60-180 117	-370 117
-190 118	-310 116	-270 115	-230 115	-190 117	-380 117
-200 118	-320 116	-280 115	-240 115	-200 117	-390 117
-210 118	-330 116	-290 115	-250 115	-210 117	-400 117
-220 118	-340 116	-300 115	-260 115	-220 117	X-09-01-180 120
-230 118	-350 116	-310 115	-270 115	-230 117	-185 120
-240 118	-360 116	-320 115	-280 115	-240 117	-190 120
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-260 118	-380 116	-340 115	-300 115	-260 117	-200 120
-270 118	-390 116	-350 115	-310 115	-270 117	-205 120
-280 118	-400 116	-360 115	-320 115	-280 117	-210 120
-290 118	X-08-35-180 116	-370 115	-330 115	-290 117	-215 120
-300 118	-190 116	-380 115	-340 115	-300 117	-220 120
-310 118	-200 116	-390 115	-350 115	-310 117	-225 120

-230 120	-340 120	-320 107	-230 106	-400 107	-440 107
-235 120	-350 120	-330 107	-240 106	-410 107	X-10-20-300 107
-240 120	-360 120	-340 107	-250 106	-420 107	-310 107
-245 120	-370 120	-350 107	-260 106	-430 107	-320 107
-250 120	-380 120	-360 107	-270 106	-440 107	-330 107
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-340 120	-235 120	-250 106	-420 107	-340 107	-320 107
-350 120	-240 120	-260 106	-430 107	-350 107	-330 107
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-230 120	-340 120	-430 107	-350 107	-360 107	-340 107
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-265 120	X-09-05-180 120	-250 106	-420 107	-430 107	-410 107
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-390 120	-260 120	-420 107	-340 107	-440 107	-420 107
-400 120	-265 120	-430 107	-350 107	X-10-18-300 107	-430 107
X-09-03-180 120	-270 120	-440 107	-360 107	-310 107	-440 107
-185 120	-275 120	X-10-04-200 106	-370 107	-320 107	X-10-24-300 107
-190 120	-280 120	-210 106	-380 107	-330 107	-310 107
-195 120	-285 120	-220 106	-390 107	-340 107	-320 107
-200 120	-290 120	-230 106	-400 107	-350 107	-330 107
-205 120	-295 120	-240 106	-410 107	-360 107	-340 107
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-215 120	-310 120	-260 106	-430 107	-380 107	-360 107
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-295 120	-260 106	-430 107	-350 107	-390 107	
-300 120	-270 106	-440 107	-360 107	-400 107	
-310 120	-280 106	X-10-05-200 106	-370 107	-410 107	
-320 120	-300 107	-210 106	-380 107	-420 107	
-330 120	-310 107	-220 106	-390 107	-430 107	

**WKRETY KOSTNE  
BONE SCREWS**

X-01-01-08	5	-80	6	-82	5	-54	9	-125	7	-90	8
-10	5	X-01-04-12	5	-84	5	-56	9	-130	7	-95	8
-12	5	-14	5	-86	5	-58	9	-135	7	-100	8
-14	5	-16	5	-88	5	-60	9	-140	7	-105	8
-16	5	-18	5	-90	5	X-01-10-10	9	X-01-16-25	7	-110	8
-18	5	-20	5	-95	5	-12	9	-30	7	-115	8
-20	5	-22	5	-100	5	-14	9	-35	7	-120	8
-22	5	-24	5	-105	5	-16	9	-40	7	-125	8
-24	5	-26	5	-110	5	-18	9	-45	7	-130	8
-26	5	-28	5	-115	5	-20	9	-50	7	-135	8
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-30	5	-32	5	-125	5	-24	9	-60	7	-145	8
-32	5	-34	5	-130	5	-26	9	-65	7	-150	8
-34	5	-36	5	-135	5	-28	9	-70	7	X-01-22-30	8
-36	5	-38	5	-140	5	-30	9	-75	7	-35	8
-38	5	-40	5	-145	5	-32	9	-80	7	-40	8
-40	5	-42	5	-150	5	-34	9	-85	7	-45	8
-45	5	-44	5	X-01-06-08	9	-36	9	-90	7	-50	8
-50	5	-46	5	-10	9	-38	9	-95	7	-55	8
-55	5	-48	5	-12	9	-40	9	-100	7	-60	8
-60	5	-50	5	-14	9	-42	9	-105	7	-65	8
-65	5	-52	5	-16	9	-44	9	-110	7	-70	8
-70	5	-54	5	-18	9	-46	9	-115	7	-75	8
-75	5	-56	5	-20	9	-48	9	-120	7	-80	8
-80	5	-58	5	-22	9	-50	9	-125	7	-85	8
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-90	5	-62	5	-26	9	-54	9	-135	7	-95	8
-95	5	-64	5	-28	9	-56	9	-140	7	-100	8
-100	5	-66	5	-30	9	-58	9	X-01-18-25	8	-105	8
-105	5	-68	5	-32	9	-60	9	-30	8	-110	8
-110	5	-70	5	X-01-07-08	9	X-01-12-10	7	-35	8	-115	8
-115	5	-72	5	-10	9	-12	7	-40	8	-120	8
-120	5	-74	5	-12	9	-14	7	-45	8	-125	8
X-01-02-08	5	-76	5	-14	9	-16	7	-50	8	-130	8
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-16	5	-84	5	-22	9	-24	7	-70	8	-150	8
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-54	10	-60	13	-46	12	-10	14	-30	14	-52	15
-55	10	-65	13	-50	12	-11	14	-32	14	-54	15
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# Moje NOTATKI

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