@ 3.45 x 12.5

PRE 2.0

CUT AND THREAD YOUR BONES WITH **ONE DRILL!** The World Innovation

DISCOVER THE ICX-DIFFERENCE.

3.75 × 15

15

×

4.1

0

5

Ø4.8×12.

01X220





Our flattened head design allows compaction and autografting.

Counterclockwise, non-cutting direction

The ICX-ALL-IN-ONE DRILLS gradually increase the diameter during the surgical procedure and are designed to be used with standard surgical equipment, to preserve and densify **the bone with counterclockwise rotation (Compression mode) (50-150 rpm)** and **precisely cut the bone with clockwise rotation, (cutting mode) when needed (800 rpm/predrill and 400 rpm/normal drill).**



(50-150 U/min)

Clockwise, cutting direction



Cutting mode (400-800 U/min)

MORE THAN 400 IMPLANTS WITH 1 DRILL!

PATENTED WORLD INNOVATION!





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COMPARISON:

Left (compaction mode) and right (cutting mode) rotating with ICX-ALL-IN-ONE drill. **PURPOSE:** Compaction display



→ Here you can see that the bone on Fig. A has been compacted.

RESULTS FROM THE ICX-MAGELLAN X SOFTWARE:

Fig. A: with compaction left-turning Bone density 1315.86 / hr. dev. 687.98





RESULTS FROM THE ICX-MAGELLAN X SOFTWARE:

Fig. B: without compaction, right end. Bone density 1071.29 / hr. dev. 776.672



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COMPARISON:

ICX-ALL-IN-ONE drills, which are used left-handed, with external cooling to prepare the cavity, create a strong and dense layer of bone tissue. The hold of the dental implants is improved by the compacted bone tissue.



Fig. C: Clearly recognisable bone compaction, circularly around the cavity of the prepared drill tunnel.



Fig. D: At the apex of the osteotomy of the osteotomy, a clear compression of the cancellous bone.



The drilling protocol suggested by medentis medical is only a recommendation.

In general, the rule for all drills, for all implant diameters and in all bone classes is, that the prescribed drill sequence can vary. If the bone is softer, fewer steps are recommended. The harder the bone, the more intermediate steps are recommended.





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7

Ø 2.9mm D2/D3/D4

Drill protocol for very soft/ soft/medium hard bone.

This procedure is identical for all lengths.

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ICX-ALL-IN-ONE DRILLS



Drill protocol for hard bone. Please use only drills **2.9 mm** D1 with 3 black rings! This procedure is identical for all lengths.



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Ø 3.3mm D2/D3/D4

Cortical drill

2.0

PRE

Drill protocol for very soft/ soft/medium hard bone.

This procedure is identical for all lengths.

The drilling protocol suggested by medentis medical is only a recommendation.

In general, the rule for all drills, for all implant diameters and in all bone classes is, that the prescribed drill sequence can vary. If the bone is softer, fewer steps are recommended. The harder the bone, the more intermediate steps are recommended.

ICX-ALL-IN-ONE DRILLS

2-4 mm cutting D2/D3/D4 drill, 1 ring

5

3

3

3

0

Drill protocol for very soft/soft/medium hard bone.

Compacting to The sole for Andrice is identical for / DB/ DASTAIR. 1 ring

Ø 3.3mm D1

Drill protocol for hard bone. Please only use drills with 3 pink rings here! This procedure is identical for all lengths.



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Ø 3.45mm D2/D3/D4

Cortical drill

R

Drill protocol for very soft/ soft/medium hard bone.

This procedure is identical for all lengths.

2-4 mm cutting D2/D3/D4 drill, 1 ring

2.5

45

Compacting to

D2/D3/D4 drill,

1 ring

the depth mark 🛏

2.5

45

0

The drilling protocol suggested by medentis medical is only a recommendation.

In general, the rule for all drills, for all implant diameters and in all bone classes is, that the prescribed drill sequence can vary. If the bone is softer, fewer steps are recommended. The harder the bone, the more intermediate steps are recommended.

ICX-ALL-IN-ONE DRILLS

Ø 3.45mm D1

Drill protocol for hard bone. Please only use drills with 3 yellow rings here! This procedure is identical for all lengths.



Ø 3.75mm D2/D3/D4

Drill protocol for very soft/ soft/medium hard bone.

This procedure is identical for all lengths.

The drilling protocol suggested by medentis medical is only a recommendation.

In general, the rule for all drills, for all implant diameters and in all bone classes is, that the prescribed drill sequence can vary. If the bone is softer, fewer steps are recommended. The harder the bone, the more intermediate steps are recommended.

ICX-ALL-IN-ONE DRILLS



Ø 3.75mm D1

Drill protocol for hard bone. Please only use drills with 3 red rings here! This procedure is identical for all lengths.







Drill protocol for hard bone. Please only use drills with 3 green rings here! This procedure is identical for all lengths.



Ø 4.8mm D2/D3/D4

Drill protocol for very soft/ soft/medium hard bone.

This procedure is identical for all lengths.

2-4 mm cutting – D2/D3/D4 drill, 1 ring

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In general, the rule for all drills, for all implant diameters and in all bone classes is, that the prescribed drill sequence can vary. If the bone is softer, fewer steps are recommended. The harder the bone, the more intermediate steps are recommended.

ICX-ALL-IN-ONE DRILLS



Ø 4.8mm D1

Drill protocol for hard bone. Please only use drills with 3 blue rings here! This procedure is identical for all lengths.



ICX-ALL-IN-ONE SURGERY BOX

Leading through innovation.





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PosNr.		Artikel-Nr.	Benennung	Bezeichnung
1	2	AIO-014-200000	All in one pilot drill	Ø 2.0
2	1	AIO-014-290080	All in one drill	Ø 2.9 x 8
3	1	AIO-014-290100	All in one drill	Ø 2.9 x 10
4	1	AIO-014-290125	All in one drill	Ø 2.9 x 12.5
5	1	AIO-014-330080	All in one drill	Ø 3.3 x 8
6	1	AIO-014-330100	All in one drill	Ø 3.3 x 10
7	1	AIO-014-330125	All in one drill	Ø 3.3 x 12.5
8	1	AIO-014-345065	All in one drill	Ø 3.45 x 6.5
9	1	AIO-014-345080	All in one drill	Ø 3.45 x 8
10	1	AIO-014-345100	All in one drill	Ø 3.45 x 10
11	1	AIO-014-345125	All in one drill	Ø 3.45 x 12.5
12	1	AIO-014-375080	All in one drill	Ø 3.75 x 8
13	1	AIO-014-375100	All in one drill	Ø 3.75 x 10
14	1	AIO-014-375125	All in one drill	Ø 3.75 x 12.5
15	1	AIO-014-375150	All in one drill	Ø 3.75 x 15
16	1	AIO-014-410150	All in one drill	Ø 4.1 x 15
17	1	AIO-014-410125	All in one drill	Ø 4.1 x 12.5
18	1	AIO-014-410100	All in one drill	Ø 4.1 x 10
19	1	AIO-014-410080	All in one drill	Ø 4.1 x 8
20	1	AIO-014-480049	All in one drill	Ø 4.8 x 4.9
21	1	AIO-014-480065	All in one drill	Ø 4.8 x 6.5
22	1	AIO-014-480080	All in one drill	Ø 4.8 x 8
23	1	AIO-014-480100	All in one drill	Ø 4.8 x 10
24	1	AIO-014-480125	All in one drill	Ø 4.8 x 12.5
25	1	AIO-014-480150	All in one drill	Ø 4.8 x 15
26	4	C-014-230315	Parallel pin	D=2.3/3.15mm
27	4	C-014-350410	Parallel pin	D=3.5/4.1mm
28	1	950099	Screwdriver ISO shaft	hex 1.4mm L=24mm

29	1	C-015-100033	Screwdriver ISO shaft	hex 1.2mm L=25mm
30	1	960002	Screwdriver ISO shaft	hex 0.9mm L=20mm
31	1	C-015-100007	ICX t-bona insertion instrument ISO shaft	ICX T-bona Schraube
32	1	C-015-100006	ICX-MINI insertion instrument ISO shaft	
33	1	C-020-000001	Multi insertion instrument ISO shaft	L=24mm
34	1	AIO-014-007290	All in one drill	Ø 2.9
35	1	AIO-014-007330	All in one drill	Ø 3.3
36	1	AIO-014-007345	All in one drill	Ø 3.45
37	1	AIO-014-007375	All in one drill	Ø 3.75
38	1	AIO-014-007410	All in one drill	Ø 4.1
39	1	AIO-014-007480	All in one drill	Ø 4.8
40	1	AIO-014-004480	All in one tap	Ø 4.8
41	1	AIO-014-004410	All in one tap	Ø 4.1
42	1	AIO-014-004330	All in one tap	Ø 3.3
43	1	AIO-014-004375	All in one tap	Ø 3.75
44	2	960007	Universal ratchet adapter	
45	1	C-015-100029	Screwdriver	hex 0.9mm L=38.5mm
46	1	C-015-100030	Screwdriver	hex 1.2mm L=26.4mm
47	1	C-015-100025	Screwdriver	hex 1.4mm L=26.4mm
48	1	C-015-100003	Depth measuring probe	
49	1	C-015-100009	ICX-Mini Counter tool	
50	1	960001	Torque ratchet	
51	1	960004	Drill extension	
52	1	C-014-006002	Bone shaper	
53	1	C-014-006003	ICX 3.3 Bone shaper	rosa / rose
54	1	C-014-000003	Crestotom drill	
55	1	N-015-100002	ICX-3.3 insertion instrument t ISO-Schaft	L=29mm
56	1	C-015-100002	ICX insertion instrument t ISO-Schaft	L=29mm
57	1	C-018-100000	ICX All in One Box	empty

Counterclockwise, non-cutting direction

Compression mode (50-150 U/min)

DISCOVER THE ICX-DIFFERENCE.

Clockwise, cutting direction

Cutting mode (400-800 U/min)

CUT AND THREAD YOUR BONES WITH ONE DRILL!

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