

Perfect Drills for Perfect Implants





Product Lines

C-Compress™
 Coated Drills
 Conical Drills
 Countersinks
 Drill Extenders
 Drill Stoppers
 Gang Drills
 Guided Drills
 Lance Drills
 Long Drill
 Marking Drills
 Round Burrs
 Short Drills
 Step Drills
 Tissue Punch
 Trephine Burrs
 Twist Drills
 Bone Profiler
 Customized Drills
 Single Use Drills
 C-Zygo Drills

Carmex Precision Cutting Tools is a worldwide leading manufacturer of top quality cutting tools for machining medical products, semi-conductor components, aviation and automotive parts. The company was founded in 1988 and has since then continually grown, employing a dynamic team of creative designers, research and development engineers and a world standard quality control department - all under one roof. Our experience in producing precision cutting tools has been the catalyst for the developing and manufacturing of dental implant drills and specialized surgical instruments.

Carmex Precision Medical Drills manufactures a wide range of medical drills at our state-of-the-art machine center facility. Our products and the service we provide, live up to the highest standards and out-perform them. Most of our customer's requirements are supplied immediately from our readily available stock.

- All drills are manufactured from high quality surgical materials
- Drills are marked by laser for easy identification
- Depth marks are shown with grooves and laser
- All drills undergo an anti-rust process
- Drills are color coded
- External irrigation available
- Dimensions correspond with universal dental standards
- Suitable to use with all types of dental implants
- Diameter range 1.2 mm to 8.0 mm
- Wide range of standard drills in stock
- Special inquiries for unique designs are always welcome

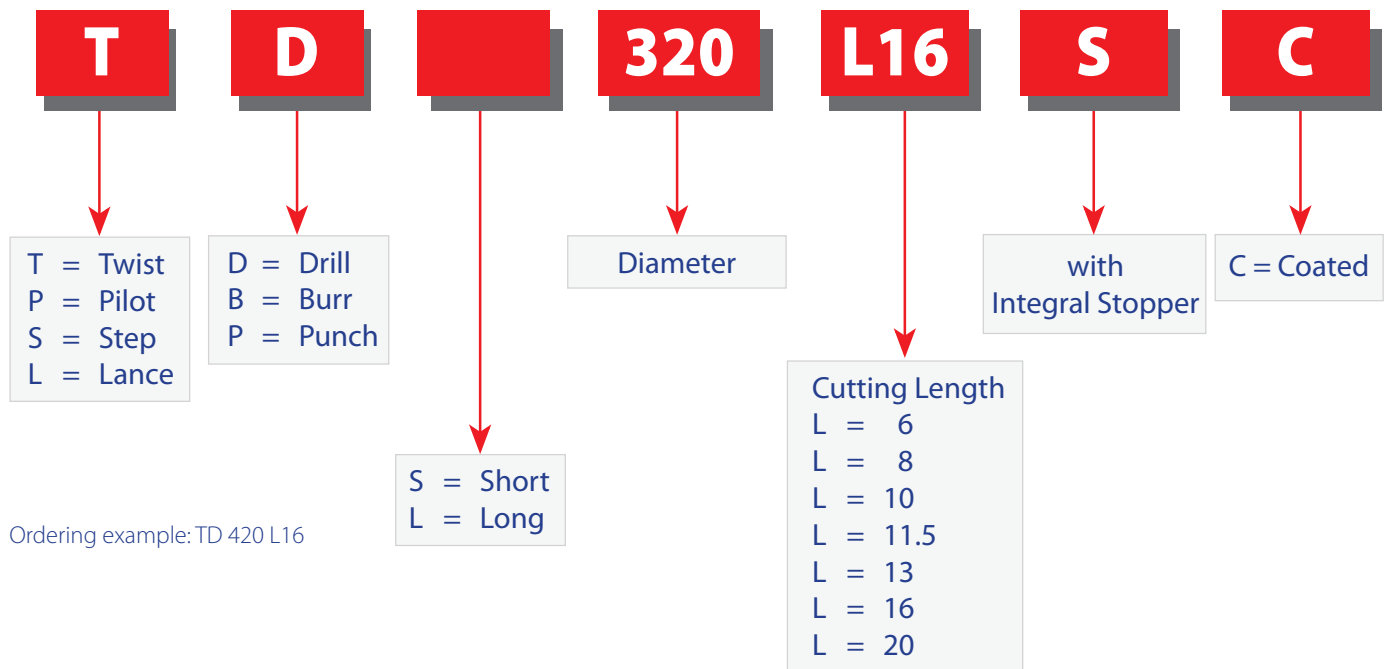


In addition to Carmex's unyielding strive for high quality, good service and reliability; we are certified by:

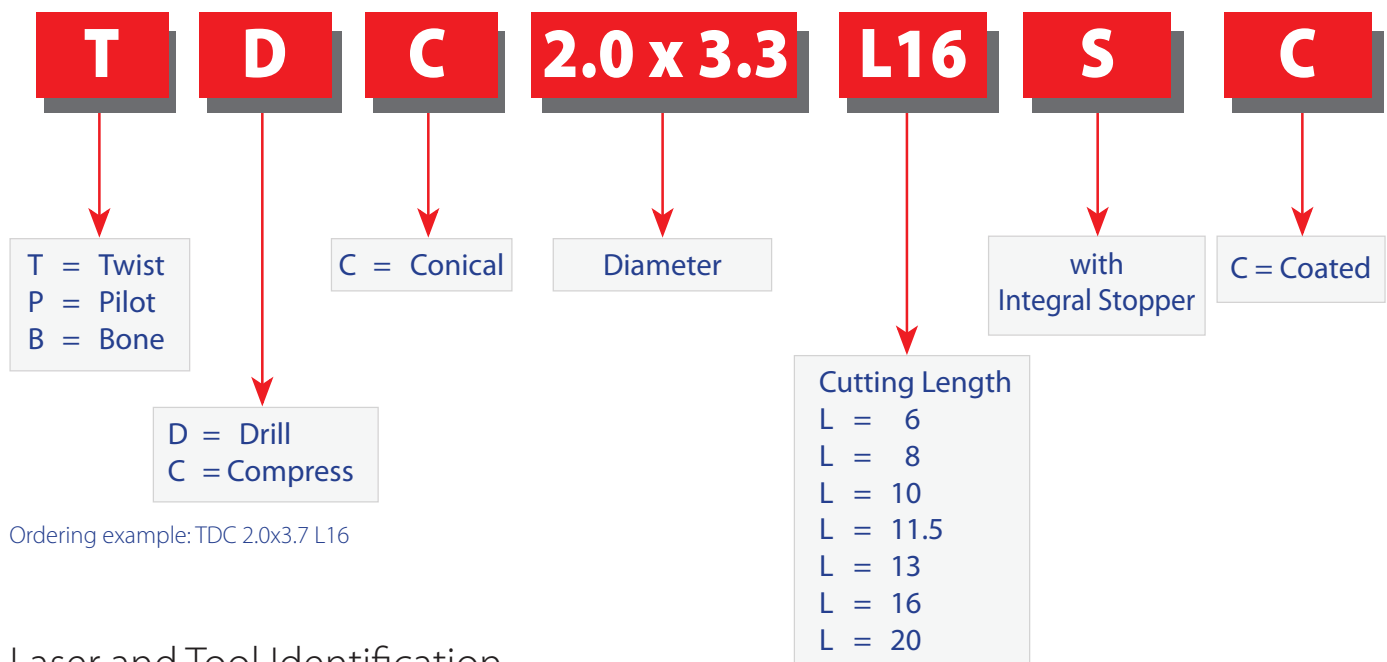
- ISO 145001
- ISO 9001:2015
- ISO 14001:2015
- ISO 13485
- MDR



Ordering Key for Implant Drills



Ordering Key for Implant Conical Drills



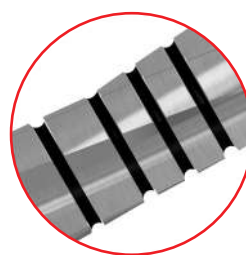
Laser and Tool Identification



Identification



Color Coding



Depth marks made by laser and grooves



Lot Number

Drills for Dental Implants

Twist Drills

Dia.	Ordering code
2.00	PD 200 L16
2.50	TD 250 L16
2.80	TD 280 L16
3.00	TD 300 L16
3.20	TD 320 L16
3.30	TD 330 L16
3.50	TD 350 L16
3.65	TD 365 L16
3.80	TD 380 L16
4.00	TD 400 L16
4.10	TD 410 L16
4.20	TD 420 L16
4.30	TD 430 L16
4.50	TD 450 L16
4.80	TD 480 L16
5.00	TD 500 L16
5.20	TD 520 L16
5.50	TD 550 L16
5.80	TD 580 L16



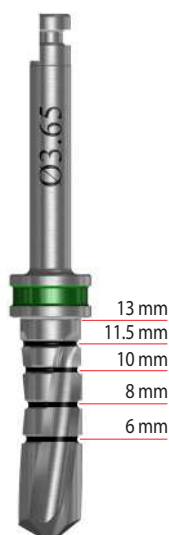
Long Twist Drills

Dia.	Ordering code
2.00	PDL 200 L20
2.50	TDL 250 L20
2.80	TDL 280 L20
3.00	TDL 300 L20
3.20	TDL 320 L20
3.30	TDL 330 L20
3.65	TDL 365 L20
3.80	TDL 380 L20
4.00	TDL 400 L20
4.20	TDL 420 L20
4.50	TDL 450 L20
4.80	TDL 480 L20
5.00	TDL 500 L20
5.20	TDL 520 L20
5.50	TDL 550 L20



Short Twist Drills

Dia.	Ordering code
2.00	PDS 200 L13
2.50	TDS 250 L13
2.80	TDS 280 L13
3.00	TDS 300 L13
3.20	TDS 320 L13
3.30	TDS 330 L13
3.50	TDS 350 L13
3.65	TDS 365 L13
3.80	TDS 380 L13
4.00	TDS 400 L13
4.10	TDS 410 L13
4.20	TDS 420 L13
4.30	TDS 430 L13
4.50	TDS 450 L13
4.80	TDS 480 L13
5.00	TDS 500 L13
5.20	TDS 520 L13
5.50	TDS 550 L13
5.80	TDS 580 L13

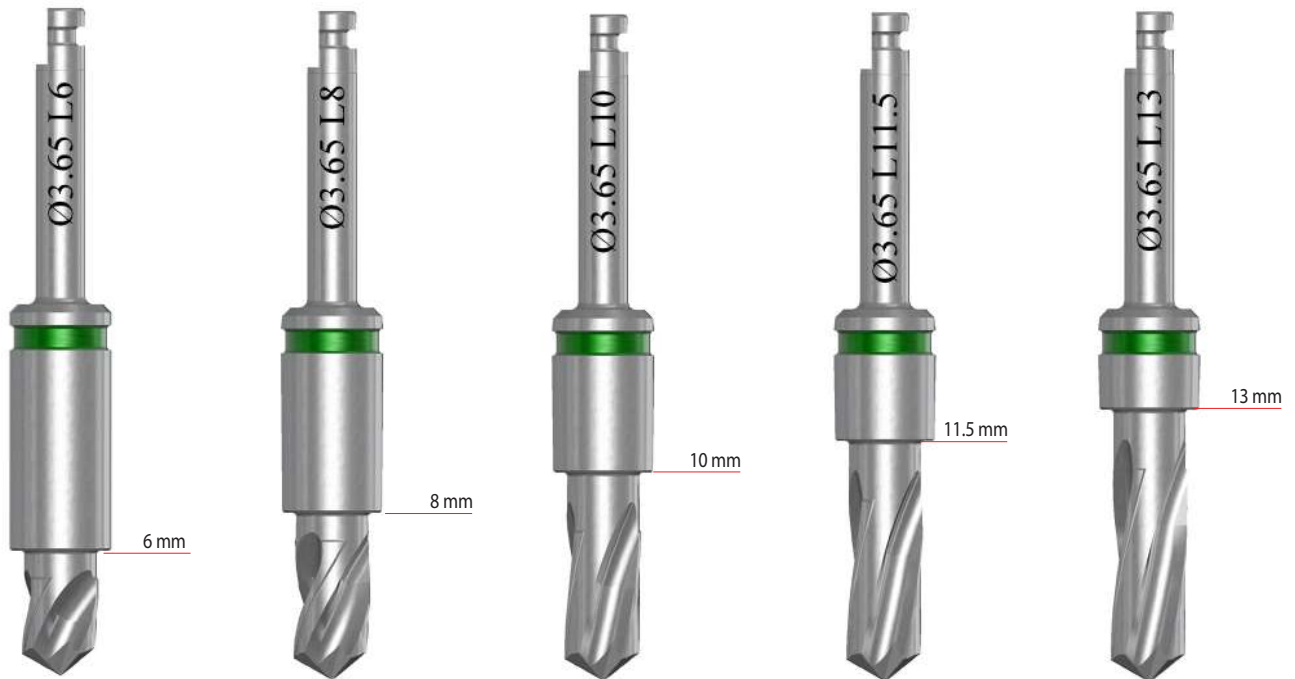


Conical Drills

Dia.	Ordering code
1.6 x 2.2	TDC 1.6 x 2.2 L16
1.8 x 2.4	TDC 1.8 x 2.4 L16
1.8 x 2.5	TDC 1.8 x 2.5 L16
1.6 x 2.7	TDC 1.6 x 2.7 L16
1.8 x 2.8	TDC 1.8 x 2.8 L16
2.0 x 2.8	TDC 2.0 x 2.8 L16
2.0 x 3.2	TDC 2.0 x 3.2 L16
2.3 x 3.2	TDC 2.3 x 3.2 L16
2.0 x 3.3	TDC 2.0 x 3.3 L16
2.5 x 3.7	TDC 2.5 x 3.7 L16
2.7 x 4.0	TDC 2.7 x 4.0 L16
2.7 x 4.5	TDC 2.7 x 4.5 L16
2.9 x 5.0	TDC 2.9 x 5.0 L16
3.1 x 5.5	TDC 3.1 x 5.5 L16

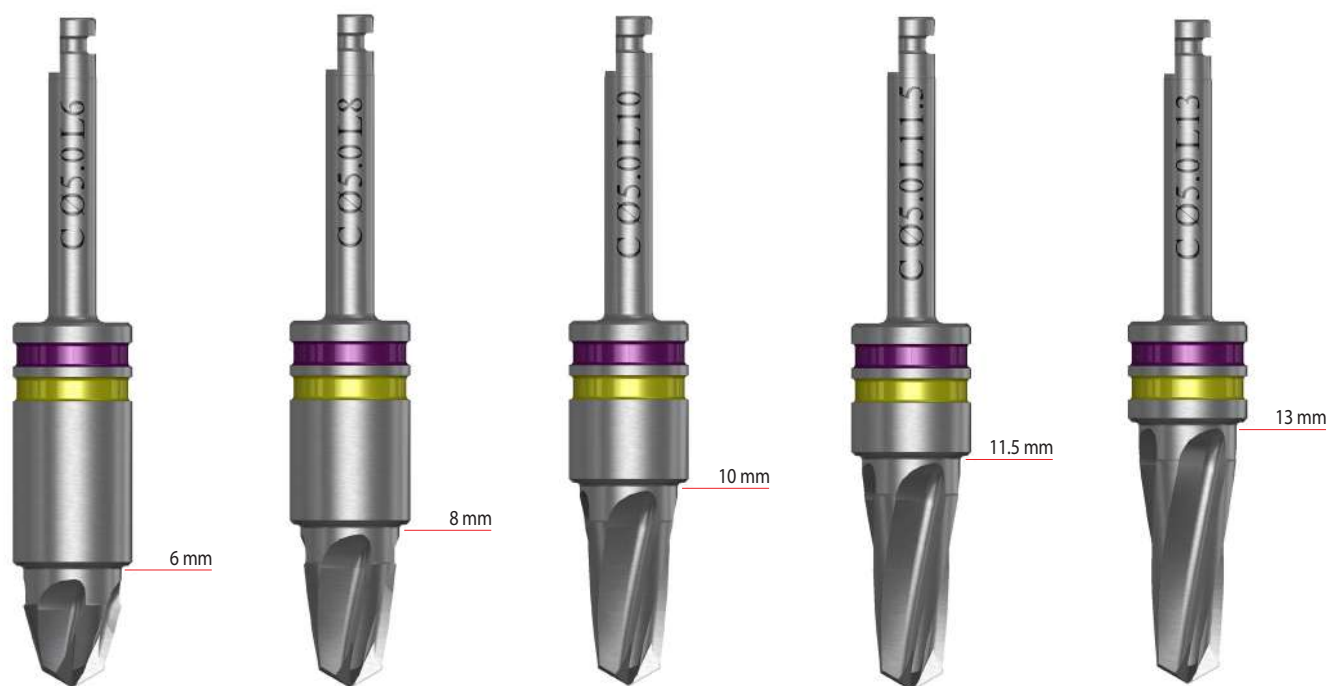


Parallel Drills with Integral Stoppers



Dia	L	Ordering code	Dia	L	Ordering code	Dia	L	Ordering code
2.0	6	PD 200 L 6 S	3.65	6	TD 365 L 6 S	4.2	6	TD 420 L 6 S
2.0	8	PD 200 L 8 S	3.65	8	TD 365 L 8 S	4.2	8	TD 420 L 8 S
2.0	10	PD 200 L 10 S	3.65	10	TD 365 L 10 S	4.2	10	TD 420 L 10 S
2.0	11.5	PD 200 L 11.5 S	3.65	11.5	TD 365 L 11.5 S	4.2	11.5	TD 420 L 11.5 S
2.0	13	PD 200 L 13 S	3.65	13	TD 365 L 13 S	4.2	13	TD 420 L 13 S
2.5	6	TD 250 L 6 S	3.8	6	TD 380 L 6 S	4.3	6	TD 430 L 6 S
2.5	8	TD 250 L 8 S	3.8	8	TD 380 L 8 S	4.3	8	TD 430 L 8 S
2.5	10	TD 250 L 10 S	3.8	10	TD 380 L 10 S	4.3	10	TD 430 L 10 S
2.5	11.5	TD 250 L 11.5 S	3.8	11.5	TD 380 L 11.5 S	4.3	11.5	TD 430 L 11.5 S
2.5	13	TD 250 L 13 S	3.8	13	TD 380 L 13 S	4.3	13	TD 430 L 13 S
2.8	6	TD 280 L 6 S	4.0	6	TD 400 L 6 S	4.5	6	TD 450 L 6 S
2.8	8	TD 280 L 8 S	4.0	8	TD 400 L 8 S	4.5	8	TD 450 L 8 S
2.8	10	TD 280 L 10 S	4.0	10	TD 400 L 10 S	4.5	10	TD 450 L 10 S
2.8	11.5	TD 280 L 11.5 S	4.0	11.5	TD 400 L 11.5 S	4.5	11.5	TD 450 L 11.5 S
2.8	13	TD 280 L 13 S	4.0	13	TD 400 L 13 S	4.5	13	TD 450 L 13 S
3.2	6	TD 320 L 6 S	4.1	6	TD 410 L 6 S	5.0	6	TD 500 L 6 S
3.2	8	TD 320 L 8 S	4.1	8	TD 410 L 8 S	5.0	8	TD 500 L 8 S
3.2	10	TD 320 L 10 S	4.1	10	TD 410 L 10 S	5.0	10	TD 500 L 10 S
3.2	11.5	TD 320 L 11.5 S	4.1	11.5	TD 410 L 11.5 S	5.0	11.5	TD 500 L 11.5 S
3.2	13	TD 320 L 13 S	4.1	13	TD 410 L 13 S	5.0	13	TD 500 L 13 S

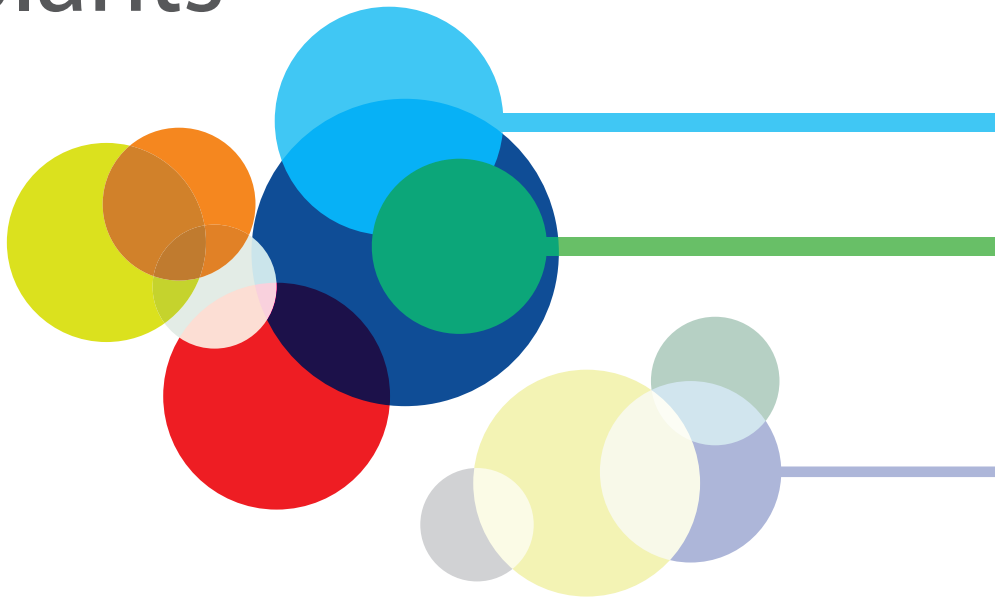
Conical Drills with Integral Stoppers



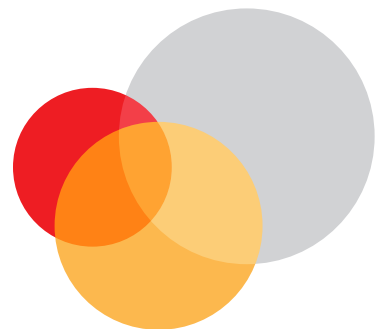
Dia.	L	Ordering code	Dia.	L	Ordering code	Dia.	L	Ordering code
1.6 x 2.2	6	TDC 16 x 22 L 6 S	2.5 x 4.0	6	TDC 25 x 40 L 6 S	2.8 x 4.5	6	TDC 28 x 45 L 6 S
1.6 x 2.2	8	TDC 16 x 22 L 8 S	2.5 x 4.0	8	TDC 25 x 40 L 8 S	2.8 x 4.5	8	TDC 28 x 45 L 8 S
1.6 x 2.2	10	TDC 16 x 22 L 10 S	2.5 x 4.0	10	TDC 25 x 40 L 10 S	2.8 x 4.5	10	TDC 28 x 45 L 10 S
1.6 x 2.2	11.5	TDC 16 x 22 L 11.5 S	2.5 x 4.0	11.5	TDC 25 x 40 L 11.5 S	2.8 x 4.5	11.5	TDC 28 x 45 L 11.5 S
1.6 x 2.2	13	TDC 16 x 22 L 13 S	2.5 x 4.0	13	TDC 25 x 40 L 13 S	2.8 x 4.5	13	TDC 28 x 45 L 13 S
1.9 x 2.7	6	TDC 19 x 27 L 6 S	2.5 x 4.5	6	TDC 25 x 45 L 6 S	3.0 x 5.0	6	TDC 30 x 50 L 6 S
1.9 x 2.7	8	TDC 19 x 27 L 8 S	2.5 x 4.5	8	TDC 25 x 45 L 8 S	3.0 x 5.0	8	TDC 30 x 50 L 8 S
1.9 x 2.7	10	TDC 19 x 27 L 10 S	2.5 x 4.5	10	TDC 25 x 45 L 10 S	3.0 x 5.0	10	TDC 30 x 50 L 10 S
1.9 x 2.7	11.5	TDC 19 x 27 L 11.5 S	2.5 x 4.5	11.5	TDC 25 x 45 L 11.5 S	3.0 x 5.0	11.5	TDC 30 x 50 L 11.5 S
1.9 x 2.7	13	TDC 19 x 27 L 13 S	2.5 x 4.5	13	TDC 25 x 45 L 13 S	3.0 x 5.0	13	TDC 30 x 50 L 13 S
2.1 x 3.3	6	TDC 21 x 33 L 6 S	2.8 x 3.7	6	TDC 28 x 37 L 6 S			
2.1 x 3.3	8	TDC 21 x 33 L 8 S	2.8 x 3.7	8	TDC 28 x 37 L 8 S			
2.1 x 3.3	10	TDC 21 x 33 L 10 S	2.8 x 3.7	10	TDC 28 x 37 L 10 S			
2.1 x 3.3	11.5	TDC 21 x 33 L 11.5 S	2.8 x 3.7	11.5	TDC 28 x 37 L 11.5 S			
2.1 x 3.3	13	TDC 21 x 33 L 13 S	2.8 x 3.7	13	TDC 28 x 37 L 13 S			
2.5 x 3.7	6	TDC 25 x 37 L 6 S	2.8 x 4.0	6	TDC 28 x 40 L 6 S			
2.5 x 3.7	8	TDC 25 x 37 L 8 S	2.8 x 4.0	8	TDC 28 x 40 L 8 S			
2.5 x 3.7	10	TDC 25 x 37 L 10 S	2.8 x 4.0	10	TDC 28 x 40 L 10 S			
2.5 x 3.7	11.5	TDC 25 x 37 L 11.5 S	2.8 x 4.0	11.5	TDC 28 x 40 L 11.5 S			
2.5 x 3.7	13	TDC 25 x 37 L 13 S	2.8 x 4.0	13	TDC 28 x 40 L 13 S			

DNT²

premium coated drills for dental implants



- Multi-layer **dark grey** coating
- Manufactured from high quality surgical material
- Clear depth marking due to high contrast
- High corrosion resistant
- Smooth cutting due to hard carbon “lubricant” characteristics
- Decreases the cutting temperature
- Very long tool life
- External irrigation
- Laser marking for easy identification
- Color coded
- Diameter range 1.2 mm to 8.0 mm
- Increases the apex stability of the implant
- Best choice for immediate implanting after extraction
- Suitable for use with all types of dental implants



Coated Drills

Step Drills



D1	D2	Ordering code
2.0	2.0	PD 200 L16 C
2.0	2.4	SD 2024 L16 C
2.0	2.8	SD 2028 L16 C
2.3	2.8	SD 2328 L16 C
2.8	3.2	SD 2832 L16 C
3.2	3.6	SD 3236 L16 C
3.2	3.7	SD 3237 L16 C
3.6	4.0	SD 3640 L16 C
3.6	4.2	SD 3642 L16 C
4.0	4.5	SD 4045 L16 C
4.2	4.6	SD 4246 L16 C
4.6	5.2	SD 4652 L16 C
5.2	5.6	SD 5256 L16 C

Short Step Drills

D1	D2	Ordering code
2.0	2.0	PD 200 L13 C
2.0	2.4	SD 2024 L13 C
2.0	2.8	SD 2028 L13 C
2.3	2.8	SD 2328 L13 C
2.8	3.2	SD 2832 L13 C
3.2	3.6	SD 3236 L13 C
3.2	3.7	SD 3237 L13 C
3.6	4.0	SD 3640 L13 C
3.6	4.2	SD 3642 L13 C
4.0	4.5	SD 4045 L13 C
4.2	4.6	SD 4246 L13 C
4.6	5.2	SD 4652 L13 C
5.2	5.6	SD 5256 L13 C

Twist Drills



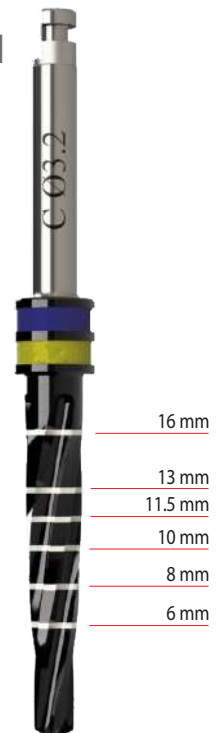
D	Ordering code
2.0	PD 200 L16 C
2.5	TD 250 L16 C
2.8	TD 280 L16 C
3.0	TD 300 L16 C
3.2	TD 320 L16 C
3.3	TD 330 L16 C
3.65	TD 365 L16 C
3.8	TD 380 L16 C
4.0	TD 400 L16 C
4.1	TD 410 L16 C
4.2	TD 420 L16 C
4.3	TD 430 L16 C
4.5	TD 450 L16 C
4.6	TD 460 L16 C
4.8	TD 480 L16 C
5.0	TD 500 L16 C
5.2	TD 520 L16 C
5.5	TD 550 L16 C
5.8	TD 580 L16 C

Short Twist Drills



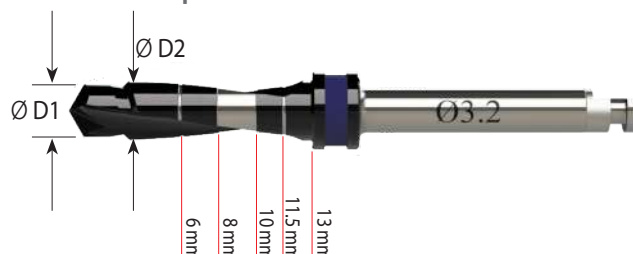
D	Ordering code
2.0	PD 200 L13 C
2.5	TD 250 L13 C
2.8	TD 280 L13 C
3.0	TD 300 L13 C
3.2	TD 320 L13 C
3.3	TD 330 L13 C
3.65	TD 365 L13 C
3.8	TD 380 L13 C
4.0	TD 400 L13 C
4.1	TD 410 L13 C
4.2	TD 420 L13 C
4.3	TD 430 L13 C
4.5	TD 450 L13 C
4.6	TD 460 L13 C
4.8	TD 480 L13 C
5.0	TD 500 L13 C
5.2	TD 520 L13 C
5.5	TD 550 L13 C
5.8	TD 580 L13 C

Conical Drills



Dia.	Ordering code
1.6 x 2.2	TDC 1.6 x 2.2 L16 C
1.8 x 2.4	TDC 1.8 x 2.4 L16 C
1.8 x 2.5	TDC 1.8 x 2.5 L16 C
1.6 x 2.7	TDC 1.6 x 2.7 L16 C
1.8 x 2.8	TDC 1.8 x 2.8 L16 C
2.0 x 2.8	TDC 2.0 x 2.8 L16 C
2.0 x 3.2	TDC 2.0 x 3.2 L16 C
2.3 x 3.2	TDC 2.3 x 3.2 L16 C
2.0 x 3.3	TDC 2.0 x 3.3 L16 C
2.5 x 3.7	TDC 2.5 x 3.7 L16 C
2.7 x 4.0	TDC 2.7 x 4.0 L16 C
2.7 x 4.5	TDC 2.7 x 4.5 L16 C
2.9 x 5.0	TDC 2.9 x 5.0 L16 C
3.1 x 5.5	TDC 3.1 x 5.5 L16 C

Short Step Drills



Parallel Drills with Integral Stoppers



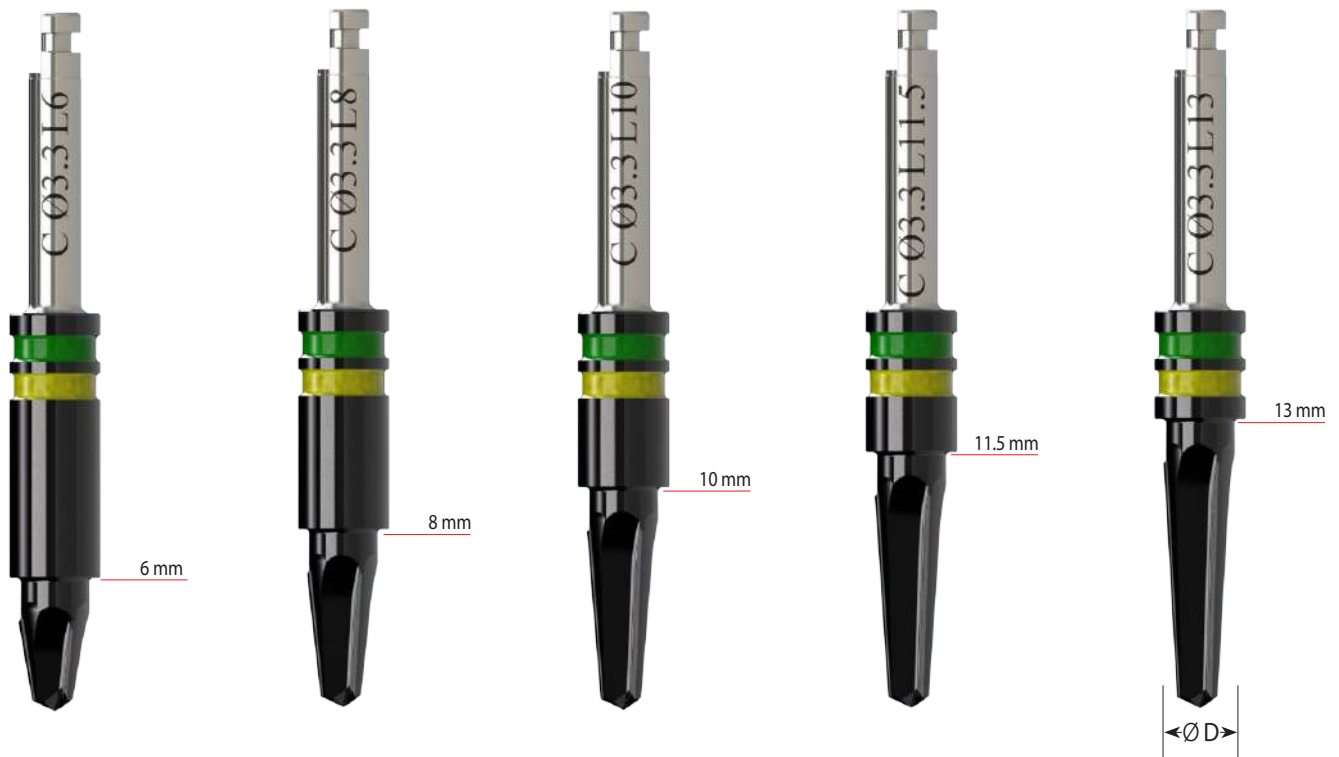
Dia	L	Ordering code	Dia	L	Ordering code	Dia	L	Ordering code
2.0	6	PD 200 L 6 SC	3.65	6	TD 365 L 6 SC	4.2	6	TD 420 L 6 SC
2.0	8	PD 200 L 8 SC	3.65	8	TD 365 L 8 SC	4.2	8	TD 420 L 8 SC
2.0	10	PD 200 L 10 SC	3.65	10	TD 365 L 10 SC	4.2	10	TD 420 L 10 SC
2.0	11.5	PD 200 L 11.5 SC	3.65	11.5	TD 365 L 11.5 SC	4.2	11.5	TD 420 L 11.5 SC
2.0	13	PD 200 L 13 SC	3.65	13	TD 365 L 13 SC	4.2	13	TD 420 L 13 SC
2.5	6	TD 250 L 6 SC	3.8	6	TD 380 L 6 SC	4.3	6	TD 430 L 6 SC
2.5	8	TD 250 L 8 SC	3.8	8	TD 380 L 8 SC	4.3	8	TD 430 L 8 SC
2.5	10	TD 250 L 10 SC	3.8	10	TD 380 L 10 SC	4.3	10	TD 430 L 10 SC
2.5	11.5	TD 250 L 11.5 SC	3.8	11.5	TD 380 L 11.5 SC	4.3	11.5	TD 430 L 11.5 SC
2.5	13	TD 250 L 13 SC	3.8	13	TD 380 L 13 SC	4.3	13	TD 430 L 13 SC
2.8	6	TD 280 L 6 SC	4.0	6	TD 400 L 6 SC	4.5	6	TD 450 L 6 SC
2.8	8	TD 280 L 8 SC	4.0	8	TD 400 L 8 SC	4.5	8	TD 450 L 8 SC
2.8	10	TD 280 L 10 SC	4.0	10	TD 400 L 10 SC	4.5	10	TD 450 L 10 SC
2.8	11.5	TD 280 L 11.5 SC	4.0	11.5	TD 400 L 11.5 SC	4.5	11.5	TD 450 L 11.5 SC
2.8	13	TD 280 L 13 SC	4.0	13	TD 400 L 13 SC	4.5	13	TD 450 L 13 SC
3.2	6	TD 320 L 6 SC	4.1	6	TD 410 L 6 SC	5.0	6	TD 500 L 6 SC
3.2	8	TD 320 L 8 SC	4.1	8	TD 410 L 8 SC	5.0	8	TD 500 L 8 SC
3.2	10	TD 320 L 10 SC	4.1	10	TD 410 L 10 SC	5.0	10	TD 500 L 10 SC
3.2	11.5	TD 320 L 11.5 SC	4.1	11.5	TD 410 L 11.5 SC	5.0	11.5	TD 500 L 11.5 SC
3.2	13	TD 320 L 13 SC	4.1	13	TD 410 L 13 SC	5.0	13	TD 500 L 13 SC

Step Drills with Integral Stoppers



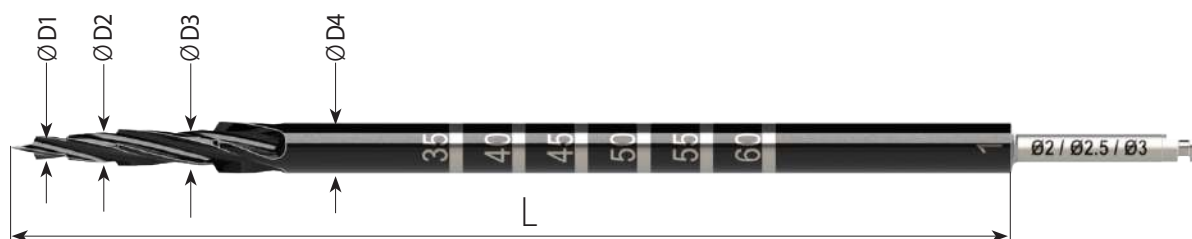
D1	D2	L	Ordering code	D1	D2	L	Ordering code
2.0	2.0	6	PD 200 L 6 SC	3.65	3.65	6	TD 365 L 6 S
2.0	2.8	8	SD 2028 L 8 SC	3.65	4.1	8	SD 36541 L 8 SC
2.0	2.8	10	SD 2028 L10 SC	3.65	4.1	10	SD 36541 L10 SC
2.0	2.8	11.5	SD 2028 L11.5 SC	3.65	4.1	11.5	SD 36541 L11.5 SC
2.0	2.8	13	SD 2028 L 13 SC	3.65	4.1	13	SD 36541 L 13 SC
2.8	2.8	6	TD 280 L 6 SC	4.0	4.0	6	TD 400 L 6 SC
2.8	3.2	8	SD 2832 L8 SC	4.0	4.5	8	SD 4045 L8 SC
2.8	3.2	10	SD 2832 L10 SC	4.0	4.5	10	SD 4045 L10 SC
2.8	3.2	11.5	SD 2832 L 11.5 SC	4.0	4.5	11.5	SD 4045 L 11.5 SC
2.8	3.2	13	SD 2832 L 13 SC	4.0	4.5	13	SD 4045 L 13 SC
3.2	3.2	6	TD 320 L 6 SC	4.0	4.0	6	TD 400 L 6 SC
3.2	3.65	8	SD 32365 L 8 SC	4.1	4.5	8	SD 4145 L 8 SC
3.2	3.65	10	SD 32365 L 10 SC	4.1	4.5	10	SD 4145 L 10 SC
3.2	3.65	11.5	SD 32365 L 11.5 SC	4.1	4.5	11.5	SD 4145 L 11.5 SC
3.2	3.65	13	SD 32365 L 13 SC	4.1	4.5	13	SD 4145 L 13 SC
3.65	3.65	6	TD 365 L 6 SC				
3.65	4.0	8	SD 36540 L 8 SC				
3.65	4.0	10	SD 36540 L 10 SC				
3.65	4.0	11.5	SD 36540 L 11.5 SC				
3.65	4.0	13	SD 36540 L 13 SC				

Coated Conical Drills with Integral Stoppers

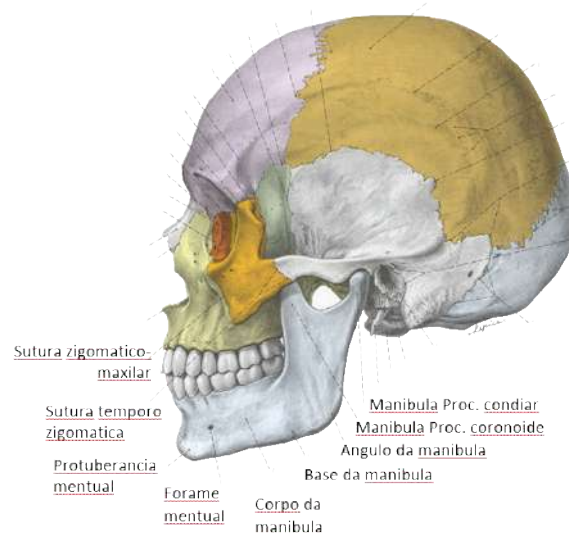


Dia.	L	Ordering code	Dia.	L	Ordering code	Dia.	L	Ordering code
1.6 x 2.2	6	TDC 16 x 22 L 6 CH	2.5 x 4.0	6	TDC 25 x 40 L 6 CH	2.8 x 4.5	6	TDC 28 x 45 L 6 CH
1.6 x 2.2	8	TDC 16 x 22 L 8 CH	2.5 x 4.0	8	TDC 25 x 40 L 8 CH	2.8 x 4.5	8	TDC 28 x 45 L 8 CH
1.6 x 2.2	10	TDC 16 x 22 L 10 CH	2.5 x 4.0	10	TDC 25 x 40 L 10 CH	2.8 x 4.5	10	TDC 28 x 45 L 10 CH
1.6 x 2.2	11.5	TDC 16 x 22 L 11.5 CH	2.5 x 4.0	11.5	TDC 25 x 40 L 11.5 CH	2.8 x 4.5	11.5	TDC 28 x 45 L 11.5 CH
1.6 x 2.2	13	TDC 16 x 22 L 13 CH	2.5 x 4.0	13	TDC 25 x 40 L 13 CH	2.8 x 4.5	13	TDC 28 x 45 L 13 CH
1.9 x 2.2	6	TDC 19 x 22 L 6 CH	2.5 x 4.5	6	TDC 25 x 45 L 6 CH	3.0 x 5.0	6	TDC 30 x 50 L 6 CH
1.9 x 2.2	8	TDC 19 x 22 L 8 CH	2.5 x 4.5	8	TDC 25 x 45 L 8 CH	3.0 x 5.0	8	TDC 30 x 50 L 8 CH
1.9 x 2.2	10	TDC 19 x 22 L 10 CH	2.5 x 4.5	10	TDC 25 x 45 L 10 CH	3.0 x 5.0	10	TDC 30 x 50 L 10 CH
1.9 x 2.2	11.5	TDC 19 x 22 L 11.5 CH	2.5 x 4.5	11.5	TDC 25 x 45 L 11.5 CH	3.0 x 5.0	11.5	TDC 30 x 50 L 11.5 CH
1.9 x 2.2	13	TDC 19 x 22 L 13 CH	2.5 x 4.5	13	TDC 25 x 45 L 13 CH	3.0 x 5.0	13	TDC 30 x 50 L 13 CH
2.1 x 3.3	6	TDC 21 x 33 L 6 CH	2.8 x 3.7	6	TDC 28 x 37 L 6 CH			
2.1 x 3.3	8	TDC 21 x 33 L 8 CH	2.8 x 3.7	8	TDC 28 x 37 L 8 CH			
2.1 x 3.3	10	TDC 21 x 33 L 10 CH	2.8 x 3.7	10	TDC 28 x 37 L 10 CH			
2.1 x 3.3	11.5	TDC 21 x 33 L 11.5 CH	2.8 x 3.7	11.5	TDC 28 x 37 L 11.5 CH			
2.1 x 3.3	13	TDC 21 x 33 L 13 CH	2.8 x 3.7	13	TDC 28 x 37 L 13 CH			
2.5 x 3.7	6	TDC 25 x 37 L 6 CH	2.8 x 4.0	6	TDC 28 x 40 L 6 CH			
2.5 x 3.7	8	TDC 25 x 37 L 8 CH	2.8 x 4.0	8	TDC 28 x 40 L 8 CH			
2.5 x 3.7	10	TDC 25 x 37 L 10 CH	2.8 x 4.0	10	TDC 28 x 40 L 10 CH			
2.5 x 3.7	11.5	TDC 25 x 37 L 11.5 CH	2.8 x 4.0	11.5	TDC 28 x 40 L 11.5 CH			
2.5 x 3.7	13	TDC 25 x 37 L 13 CH	2.8 x 4.0	13	TDC 28 x 40 L 13 CH			

C-Zygo Drills



Ordering code	Drill #	L	D4	D3	D2	D1
ZSD1 L40	1	40	4.2	3.2	2.5	2
ZSD1 L50		50	4.2	3.2	2.5	2
ZSD1 L60		60	4.2	3.2	2.5	2
ZSD1 L80		80	4.2	3.2	2.5	2
ZSD2 L40	2	40	4.2	3.0	2.8	
ZSD2 L50		50	4.2	3.0	2.8	
ZSD2 L60		60	4.2	3.0	2.8	
ZSD2 L80		80	4.2	3.0	2.8	
ZSD3 L40	3	40	4.2	3.2	2.8	
ZSD3 L50		50	4.2	3.2	2.8	
ZSD3 L60		60	4.2	3.2	2.8	
ZSD3 L80		80	4.2	3.2	2.8	



C-Zygo Diamond Burrs

Finish	Step	Ordering code
Fine	1	ZDB1
Medium	2	ZDB2
Coarse	3	ZDB3



Guided Surgery Drills

Carmex Precision Medical Drills produce drills suitable for all major guided surgery systems. The drills are design in collaboration with well-known implant manufacturers to ensure an accurate and perfect match.

Since all implanting sequences are performed through accurate rings and sleeves, using our drills which have a precise grinded centering part will eliminate vibrations and drills "run-out".

To decrease the temperature during drilling, all the drills are equipped with an optimal irrigation channels, allowing the irrigation fluid access to the drilling site.

Built-in stoppers determine the drilling depths.

Carmex Precision Medical Guided Drills are divided into two groups:

- Up to Ø 3.65 mm hole (for 4.2 mm implants)
- Up to Ø 4.5 mm hole (for 5.0 mm implants)

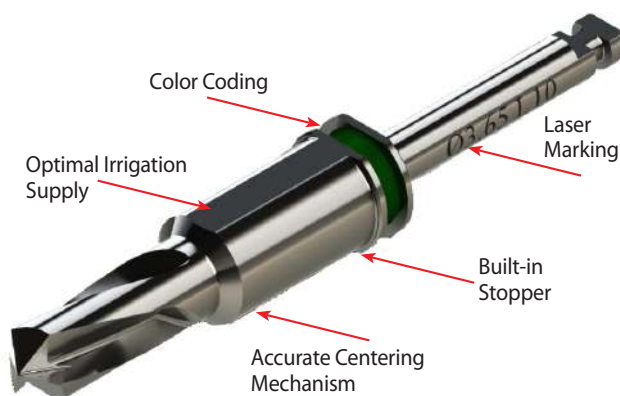
High quality Implant Drill Sleeves are available in two diameters, 5.1 mm (hole 4.3mm) and 5.9 mm (hole 5.1mm).

For ease of identification, all drills are marked with a color coding ring and laser.

Drills and sleeves are made from high quality stainless steel.

Options: **DNT²** coating.

Compatible with **C-Compress™**



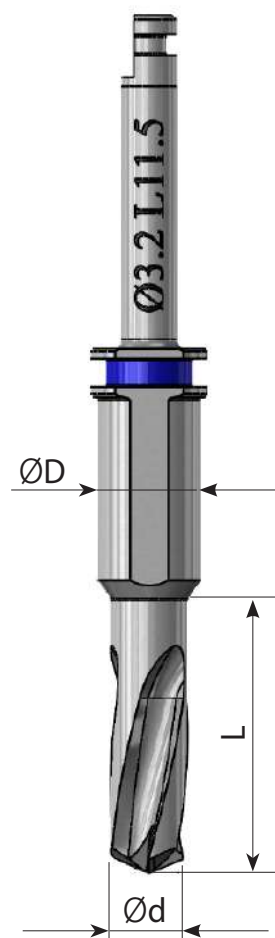
Accessories



Guided Surgery Drills

G5			G4.3		
d	L	Ordering code	D	Ordering code	D
2.0	6	G5 / 2.0-L6	5.0	G4.3 / 2.0-L6	4.3
2.0	8	G5 / 2.0-L8	5.0	G4.3 / 2.0-L8	4.3
2.0	10	G5 / 2.0-L10	5.0	G4.3 / 2.0-L10	4.3
2.0	11.5	G5 / 2.0-L11.5	5.0	G4.3 / 2.0-L11.5	4.3
2.0	13	G5 / 2.0-L13	5.0	G4.3 / 2.0-L13	4.3
2.8	6	G5 / 2.8-L6	5.0	G4.3 / 2.8-L6	4.3
2.8	8	G5 / 2.8-L8	5.0	G4.3 / 2.8-L8	4.3
2.8	10	G5 / 2.8-L10	5.0	G4.3 / 2.8-L10	4.3
2.8	11.5	G5 / 2.8-L11.5	5.0	G4.3 / 2.8-L11.5	4.3
2.8	13	G5 / 2.8-L13	5.0	G4.3 / 2.8-L13	4.3
3.2	6	G5 / 3.2-L6	5.0	G4.3 / 3.2-L6	4.3
3.2	8	G5 / 3.2-L8	5.0	G4.3 / 3.2-L8	4.3
3.2	10	G5 / 3.2-L10	5.0	G4.3 / 3.2-L10	4.3
3.2	11.5	G5 / 3.2-L11.5	5.0	G4.3 / 3.2-L11.5	4.3
3.2	13	G5 / 3.2-L13	5.0	G4.3 / 3.2-L13	4.3
3.65	6	G5 / 3.65-L6	5.0	G4.3 / 3.65-L6	4.3
3.65	8	G5 / 3.65-L8	5.0	G4.3 / 3.65-L8	4.3
3.65	10	G5 / 3.65-L10	5.0	G4.3 / 3.65-L10	4.3
3.65	11.5	G5 / 3.65-L11.5	5.0	G4.3 / 3.65-L11.5	4.3
3.65	13	G5 / 3.65-L13	5.0	G4.3 / 3.65-L13	4.3
4.0	6	G5 / 4.0-L6	5.0		
4.0	8	G5 / 4.0-L8	5.0		
4.0	10	G5 / 4.0-L10	5.0		
4.0	11.5	G5 / 4.0-L11.5	5.0		
4.0	13	G5 / 4.0-L13	5.0		
4.5	6	G5 / 4.5-L6	5.0		
4.5	8	G5 / 4.5-L8	5.0		
4.5	10	G5 / 4.5-L10	5.0		
4.5	11.5	G5 / 4.5-L11.5	5.0		
4.5	13	G5 / 4.5-L13	5.0		

Above details are for reference purposes only.



Long Guide Drill for Handle

Dia.	Ordering code	Dia.	Ordering code
2.0	PD 200L17S	3.2	TD 320L17S
2.0	PD 200L21S	3.2	TD 320L21S
2.0	PD 200L25S	3.2	TD 320L25S
2.0	PD 200L30S	3.2	TD 320L30S
2.5	TD 250L17S	3.65	TD 365L17S
2.5	TD 250L21S	3.65	TD 365L21S
2.5	TD 250L25S	3.65	TD 365L25S
2.5	TD 250L30S	3.65	TD 365L30S
2.8	TD 280L17S	4.0	TD 400L17S
2.8	TD 280L21S	4.0	TD 400L21S
2.8	TD 280L25S	4.0	TD 400L25S
2.8	TD 280L30S	4.0	TD 400L30S

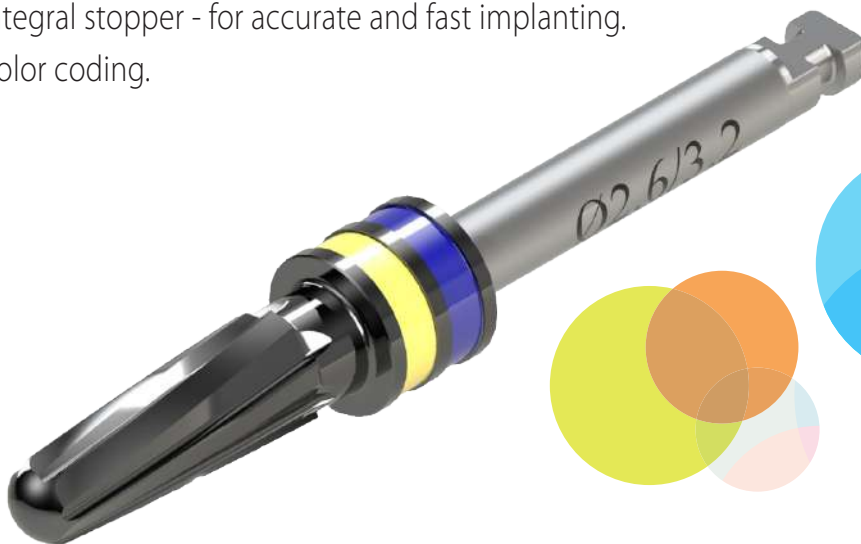


C-Compress™

compresses bone material during the implant procedure

**PATENT
PENDING**

- Compacts the bone at site, increasing bone density.
- **C-Compress™** forces the bone towards the walls of the implant site.
- Helps prevent damage of the membrane while lifting upward toward the Maxillary Sinus in order to fill with bone graft material.
- Smooth and safe compressing of the lateral and vertical bone augmentation.
- Smart Flutes™ - unique geometry enables smooth bone compression, creates perfect site preparation.
- Smart Flutes™ - eliminates: vibration, chatter and bone evacuation .
- Coating - Multi-layer dark grey **DNT²** coating decreases the friction factor thus minimizing the increase in temperature due to hard carbon "lubricant" characteristics and increases the apex stability.
- Integral stopper - for accurate and fast implanting.
- Color coding.



- Best choice for immediate implanting after extraction.
- Best choice for immediate loading.
- Compatible for guided systems.
- Suitable to use with most types of dental implants systems.

C-Compress™

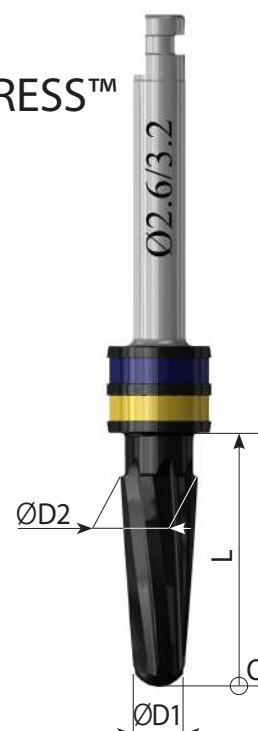
Pilot



Step Drills



C - COMPRESS™



Dia	L	Ordering code	D1	D2	L	Ordering code	D1	D2	L	Ordering code
2.0	6	PD 200 L 6 BC	2.00	2.40	6	SD 2024 L6 BC	2.30	2.90	6	BC 2329 L6 SC
2.0	8	PD 200 L 8 BC	2.00	2.40	8	SD 2024 L8 BC	2.30	2.90	8	BC 2329 L8 SC
2.0	10	PD 200 L 10 BC	2.00	2.40	10	SD 2024 L10 BC	2.30	2.90	10	BC 2329 L10 SC
2.0	11.5	PD 200 L 11.5 BC	2.00	2.40	11.5	SD 2024 L11.5 BC	2.30	2.90	11.5	BC 2329 L11.5 SC
2.0	13	PD 200 L 13 BC	2.00	2.40	13	SD 2024 L13 BC	2.30	2.90	13	BC 2329 L13 SC
			2.00	2.80	6	SD 2028 L6 BC	2.60	3.20	6	BC 2632 L6 SC
			2.00	2.80	8	SD 2028 L8 BC	2.60	3.20	8	BC 2632 L8 SC
			2.00	2.80	10	SD 2028 L10 BC	2.60	3.20	10	BC 2632 L10 SC
			2.00	2.80	11.5	SD 2028 L11.5 BC	2.60	3.20	11.5	BC 2632 L11.5 SC
			2.00	2.80	13	SD 2028 L13 BC	2.60	3.20	13	BC 2632 L13 SC
							3.00	3.70	6	BC 3037 L6 SC
							3.00	3.70	8	BC 3037 L8 SC
							3.00	3.70	10	BC 3037 L10 SC
							3.00	3.70	11.5	BC 3037 L11.5 SC
							3.00	3.70	13	BC 3037 L13 SC
							3.60	4.00	6	BC 3640 L6 SC
							3.60	4.00	8	BC 3640 L8 SC
							3.60	4.00	10	BC 3640 L10 SC
							3.60	4.00	11.5	BC 3640 L11.5 SC
							3.60	4.00	13	BC 3640 L13 SC
							3.90	4.60	6	BC 3946 L6 SC
							3.90	4.60	8	BC 3946 L8 SC
							3.90	4.60	10	BC 3946 L10 SC
							3.90	4.60	11.5	BC 3946 L11.5 SC
							3.90	4.60	13	BC 3946 L13 SC

GUIDED COMPATIBLE



Custom-made Drills & Tools

Final Drills



Guiding Drills



Tapered Parallel



Countersink



Extra Long Drills



Drill Stoppers

Ordering Key for Implant Drill Stoppers

S

280

L8

S = Stopper

Drill Dia.

Implant Length

Ordering example: S 280 L8



S 280 L16



S 280 L13



S 280 L11.5



S 280 L10



S 280 L8



S 280 L6

Surgical Tools

Lance Drills



Marking Drills



Drill Extender



Trephine Burrs



Tissue Punch



LD 120 L13

LD 150 L13

LD 200 L13

LD 120 L16

LD 150 L16

LD 200 L16

MDL 1.90

TDE

TB 3.0 x 4.0 L16

TB 4.0 x 5.0 L16

TB 5.0 x 6.0 L16

TP 3.0

TP 4.0

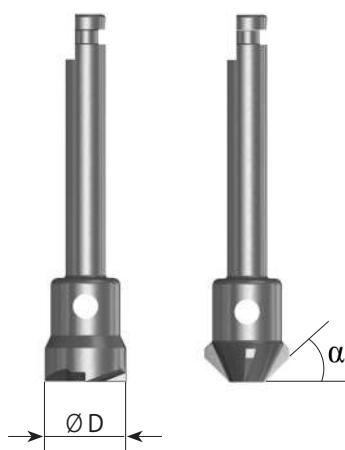
TP 4.5

TP 5.0

Round Burrs



Bone Profilers



Bone Mill



Countersink



one size

two sizes

RB 1.2

RB 1.6

RB 2.0

RB 2.3

RB 3.0

RB 4.0

Carmex Bone Profilers are available in a wide range of angles and diameters.

Dia. 3 - 6 mm

Angle: 30°, 45°, 60°, 90°

BM 4.0

BM 4.5

BM 5.0

CD 3.2

CD 3.75

CD 4.2

CD 5.0

CD 6.0

CD 3.75 x 4.2

CD 5.0 x 6.0

*All drills are available with DNT² coating, ordering example: LD150L16C.

Customized Promtional Drill Kits

Carmex Precision Medical Kits are designed in collaboration with the dental implants manufacturers. All containers are CE approved autoclavable and can be steam sterilized.

All **Carmex Precision Medical** standard drills, customized drills, coated and uncoated are available.

Our services include:

- Tailor made kits according to customers' specifications
- 3D simulation
- Laser marking
- LOT number for full traceability
- High quality silicon supports
- Available with customer's company logo



All our drills:

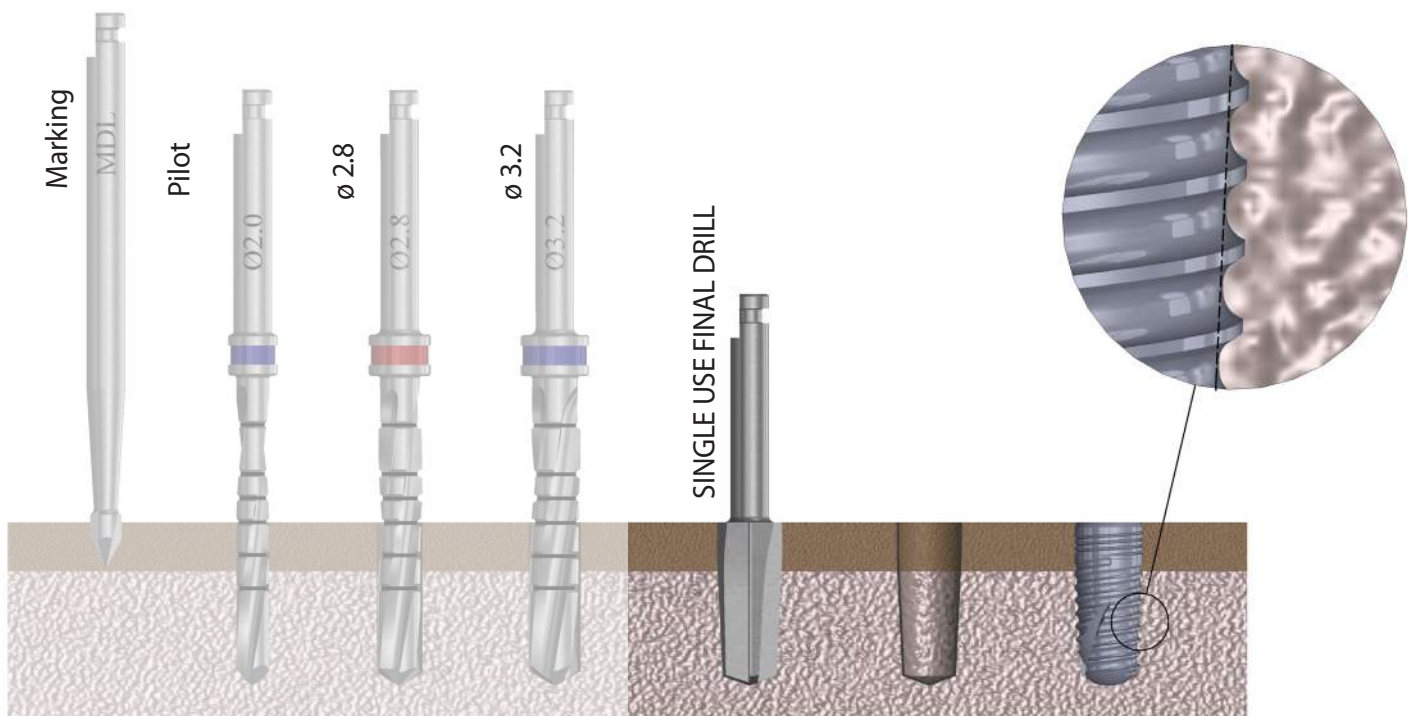
- Manufactured from high quality surgical materials
- Marked by laser for easy identification
- Depth marks are shown with grooves and laser
- Undergo an anti-rust process
- Color coded
- External irrigation available
- Dimensions correspond with universal dental standards
- Suitable to use with all types of dental implants
- Diameter range 1.2 mm to 8.0 mm



For M.O.Q. please contact our marketing department

Single Use Final Drill

- The customized drill's geometry leads to optimal site preparation
- Highly recommended for immediate implanting after extraction
- Increases the apex stability of the implant
- Avoids possible problems caused by worn drills
- Reduces potential cross contamination
- The 1st choice for hospitals, large medical institutes and dental centers.



Final Drilling Procedure

IFU (Instructions For Use)

All drills are made from high quality surgical materials. Carmex takes every possible care to produce drills with high resistance to corrosion. To extend your drill's working life, please follow carefully the instructions below:

Cleaning & Sterilization: Correct and careful maintenance of Carmex Implant Drills is extremely important. Cleaning can be done manually or by using automated washer unit.

MANUAL CLEANING

1. Before use, soak the drills in a mild, pH neutral (Action 201 or equivalent) detergent for 2.5 minutes or until cleaning can be performed. Avoid contact with phenol alcohol, chlorine, acid or quaternary ammonia.
2. Rinse the drills under a hard stream of water. Avoid water with high concentration of chlorine.
3. Flush the drill lumen with a hypodermic needle.
4. Use a nylon brush to rid the drill of additional debris caught in the irrigation channel.

AUTOMATIC CLEANING (using automated washing unit)

1. Flush the drill lumen with a hypodermic needle.
2. Use a nylon brush to rid the drill of additional debris caught in the irrigation channel.
3. Run the automatic wash cycle - minimum cycle parameters:
 - 3.1 4 minutes cold prewash at $30 \pm 5^{\circ}\text{C}$.
 - 3.2 10 minutes cleaning wash at $55 \pm 5^{\circ}\text{C}$.
 - 3.3 1 minute rinse at $30 \pm 5^{\circ}\text{C}$ (tap water).
 - 3.4 10 minutes rinse at $30 \pm 5^{\circ}\text{C}$ (distilled water).

STERILIZATION

1. Wrap the drills for sterilization with wraps washed in pH - neutral detergents or disinfectants.
2. Sterilize the drills by steam according to the autoclave's instructions.
 $134^{\circ}\text{C}/275^{\circ}\text{F}$ for up to a maximum 6 minutes followed by a 30 minutes dry cycle. Distilled water should be used in order to avoid surface stains.
 Make sure before use that the elements, inside the autoclave, are not rusted.
 Chemclave is NOT recommended.

The drilling technique all drilling procedures should be performed at maximum 800 – 1300 RPM with copious irrigation.

RESILIENCE INSPECTIONS

All our products under-go inspections to meet precise industrial standards:

Cleaning Test – To ensure no risk is posed of transmitting infectious microorganisms.

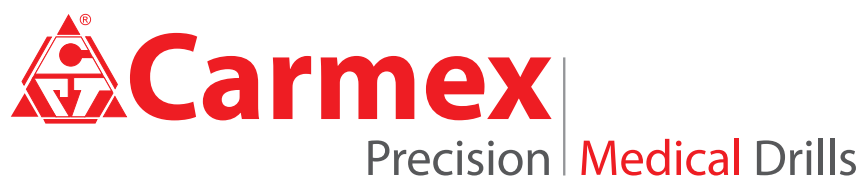
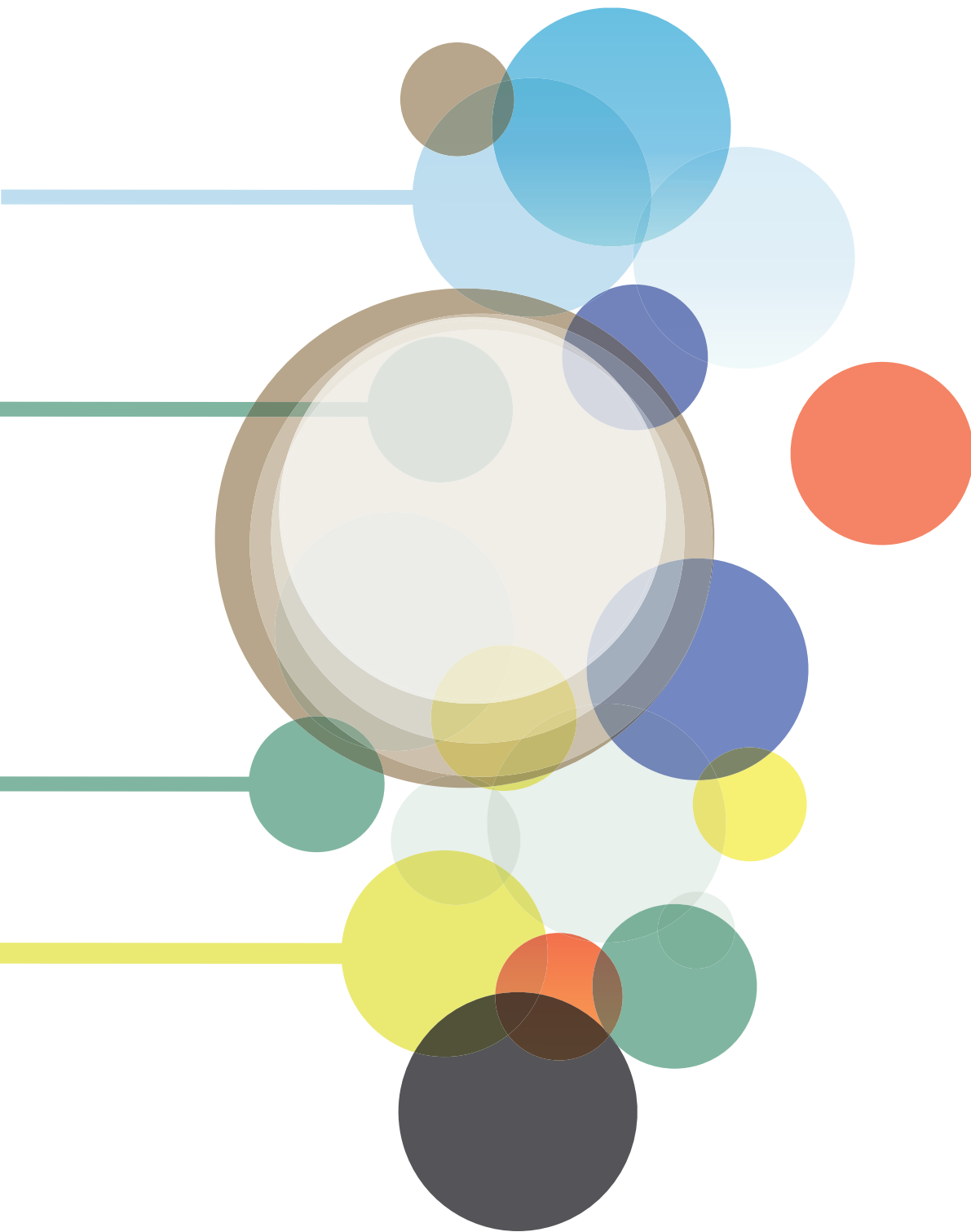
Steam Sterilization Test – To inspect the effectiveness of sterilization process on our products.

Autoclave Test – The test includes 20 autoclave cycles, then a thorough inspection for corrosion signs or Defects - the identical processes will be carried out in the dental clinic.

Salt Spray Test – To inspect the durability to corrosion according ASTM A967-05.

Drilling Test – To inspect drill sharpness.

[illegible]



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