

DENTAL TOOLS

Premium Precision Laboratory Tooling
CAD CAM • HAND PIECE
LATHE • ISO BURS

JUNE 2023



PRECISION



RELIABILITY



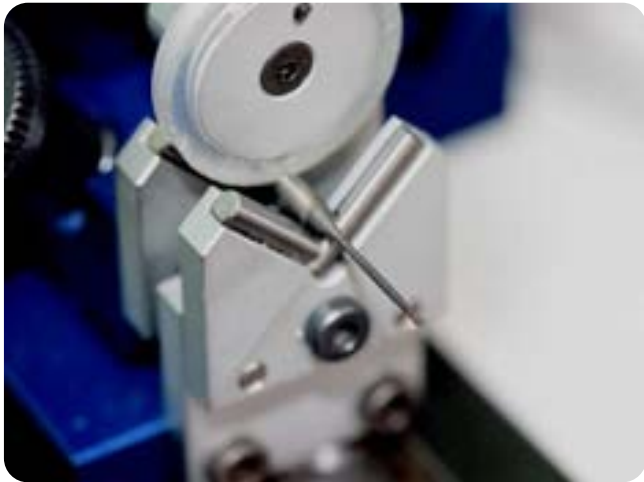
TRUST



BEST VALUE



Precision Grinding



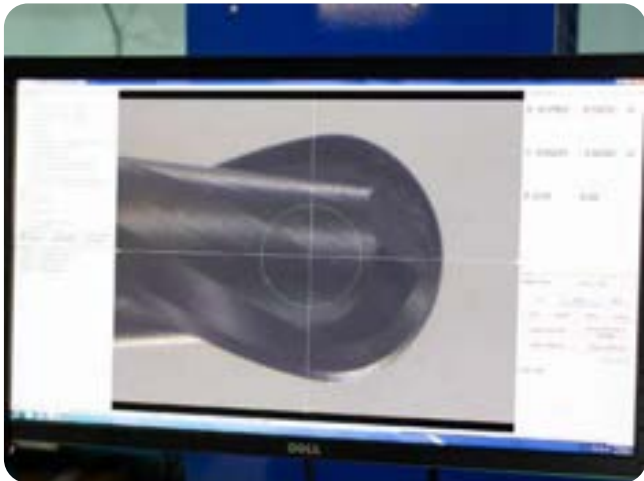
Laser Micrometer Measurement Systems



Innovative Production Cell



Advanced In-House Coating Systems



Tool Inspection at 100x Magnification

A Leader in Innovation

From meeting existing market needs to implementing advanced solutions, Mastercut Dental Tools is recognized as a leader in innovation.

Utilizing various quality processes, we lead with creative solutions, positioning us on the forefront of the dental laboratory industry evolution.

Custom Tooling

If you need a non-standard tool for a specific application, or our catalog offering does not feature your desired tool, please call and our team will offer the best solution.



Quality Processes

ISO 9001:2015 certified- since 2003 we have maintained our quality systems to these strict international standards.



MAP- Mastercut Automated Production- providing you unmatched, consistent quality with a full line of CAD CAM burs, as well as standard HP, lathe and ISO burs.



A-Gr-SiV Carbide, the highest quality raw materials available, resulting in superior hardness and toughness in all laboratory applications.

STORY OF MASTERCUT TOOL CORP.

In 1982, Mastercut Tool Corp. began in a small garage in Safety Harbor Florida, with one man and one hand grinding machine. Today we operate in over 70,000 square feet of manufacturing space.

For over 35 years, Mastercut Tool Corp. has successfully served various markets at home and abroad. All products are still manufactured in Florida, using the most advanced equipment, skilled craftspeople, and the exclusive Mastercut Automated Production technology.

STORY OF MASTERCUT DENTAL TOOLS

Over a decade ago, we identified the dental lab industry as a market demanding premium precision burs to achieve the highest quality dental restorations. Mastercut Dental Tools was born to address that need for precision and quality.

In 2017, we formalized our vision and launched Mastercut Dental Tools meeting the needs of the dental lab industry, while offering convenient online buying direct from the manufacturer.

Whether it's a bur for an Amann Girrbach Ceramill or a bur for a ZirkonZahn, we've got what you need from A to Z.

OUR TIMELINE

- 1985 > Mastercut Tool is incorporated in Safety Harbor, Florida with one man and one grinding machine.
- 1989 > Company builds its first bur manufacturing machine
- 1993 > Company abandons machine building to focus exclusively on tool manufacturing
- 1995 > Laser inspection systems implemented
- 2003 > ISO 9001:2000 certification achieved; first coating machine implemented
- 2004 > The MAP (Mastercut Automated Production) process is implemented
- 2005 > CNC1st team (Customers' Needs Come 1st) implemented
- 2009 > ISO 9001:2008 certification achieved
- 2015 > 30th anniversary brings Florida facility expansion, European warehouse opens
- 2017 > Mastercut Dental Tools is created to meet demands for precision dental laboratory tools.
- 2018 > ISO 9001:2015 certification achieved
- 2020 > Mastercut Tool celebrates 35 years of quality and innovation.



Original Hand Grinder (1985)



Automated CNC Grinding (2020)

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Our CAD CAM offering includes burs compatible with the industry's most popular milling machines.

CAD CAM MILLING



3M™ Lava™
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Amann Girrbach
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ARUM - Axsys
pages 12-13



DATRON
pages 14-15



Dentsply Sirona
pages 16-17



Digital Dental
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imes-icore
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Jensen Dental
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Kavo
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Laserdentium
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Origin - Haas
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Roland
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vhf
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Wieland
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Yenadent
pages 36-37



Zirkonzahn
pages 38-39

Mastercut Dental Lab Bur Coatings



Uncoated

Best Suited for:

Uncoated Milling Burs

Reliable performance in an array of materials including wax, PMMA and PEEK.



In CAD CAM milling, our uncoated burs with highly polished flutes provide an ideal option for the milling of wax, PMMA and PEEK. While uncoated burs are commonly used for milling zirconia, our CVD Real Diamond coated tools offer enhanced tool life with these more abrasive materials.



PowerRD (Real Diamond CVD)

Best Suited for:



Real Diamond CVD Coating provides outstanding milling bur life for machining Zirconia.

PowerRD (Chemical Vapor Deposition Diamond) (append-7)*

Vickers Hardness: approximately 8,000 Vickers
Our CVD Real Diamond Coating has all the extreme chemical and physical properties of natural diamond. Essentially pure diamond formed as interconnected diamond micro- crystallites, it is grown directly on the tool substrate using Chemical Vapor Deposition.

Our PowerRD is not to be mistaken for competitive DLC (Diamond Like Carbon) coated milling burs. Diamond-like carbon coating is a PVD nanocomposite and although it shares some properties of natural diamond it has a dramatically inferior performance.

For the highest yield in Zirconia milling, always choose a MasterCut CVD Real Diamond coated tool. The difference is REAL.



PowerN (nACo)

Best Suited for:



PowerN Coating ideal for machining Titanium and Cobalt Chrome. PowerN (nACo) nano-composite (nc-AlTiN)/(a-Si³N⁴) (append-5)*

Vickers Hardness: approximately 4,500 Vickers
PowerN coated milling burs are extremely wear-resistant, permitting the high machining speeds encountered in dental CAD CAM milling. PowerN coating offers outstanding performance in superalloys, hard material machining and high heat applications. Tough materials such as Titanium and CoCr are optimally machined using our PowerN coated tools.

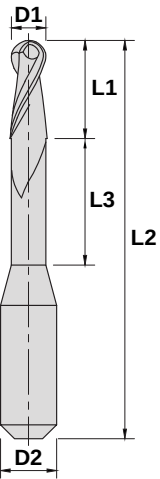


Part No.	Materials	Cut Diameter	Length of Cut	Shank Diameter	Overall Length	Neck Length	No. of Flutes	End Type	Coating
		D1	L1	D2	L2	L3			
DM308-002		0.6	1.8	3	39	8.2	2	Ball	-
DM308-004		1	3	3	39	13	2	Ball	-
DM308-006		1	3	3	50	22	2	Ball	-
DM308-008		2	6	3	39	10	2	Ball	-
DM308-010		2	6	3	50	19	2	Ball	-
DM308-002-7		0.6	1.8	3	39	8.2	2	Ball	
DM308-004-7		1	3	3	39	13	2	Ball	
DM308-006-7		1	3	3	50	22	2	Ball	
DM308-008-7		2	6	3	39	10	2	Ball	
DM308-010-7		2	6	3	50	19	2	Ball	
DM308-004-5		1	3	3	39	13	2	Ball	
DM308-008-5		2	6	3	39	10	2	Ball	

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
3mm SHANK TOLERANCE (h6) $\pm 0.000/-0.006\text{mm}$

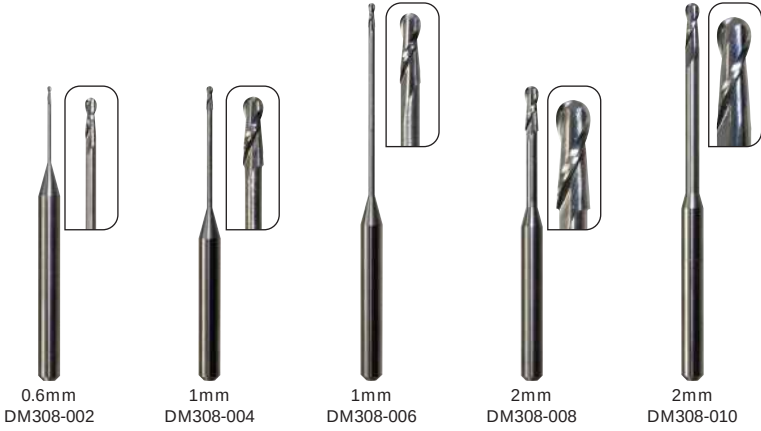


Machine Models
Lava™: CNC 240,
CAM 4-K4, CNC 500



Uncoated

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
3mm SHANK TOLERANCE (h6) $\pm 0.000/-0.006\text{mm}$

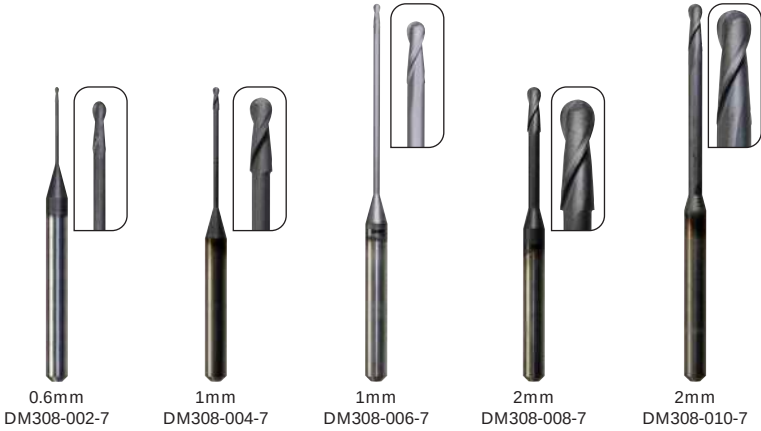


CVD Real Diamond Coating - PowerRD

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
3mm SHANK TOLERANCE (h6) $\pm 0.000/-0.006\text{mm}$



Real Diamond CVD Coating provides
outstanding milling bur life for
machining Zirconia.



nACo Coating - PowerN

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
3mm SHANK TOLERANCE (h6) $\pm 0.000/-0.006\text{mm}$



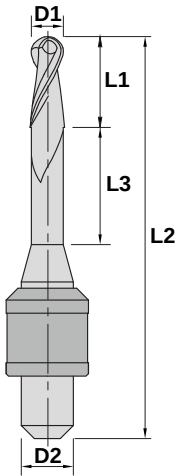
PowerN Coating ideal for
machining Titanium and CoCr.





Part No.	Materials	Cut Diameter	Length of Cut	Shank Diameter	Overall Length	Neck Length	No. of Flutes	End Type	Coating
		D1	L1	D2	L2	L3			
DM309-002		0.3	0.6	3	47	9.4	2	Ball	-
DM309-004		0.6	1	3	47	9	2	Ball	-
DM309-006		1	2	3	47	14	2	Ball	-
DM309-008		2.5	4	3	47	13	2	Ball	-
DM309-004-7		0.6	1	3	47	9	2	Ball	
DM309-006-7		1	2	3	47	14	2	Ball	
DM309-008-7		2.5	4	3	47	13	2	Ball	
DM309-006-5		1	2	3	47	14	2	Ball	
DM309-008-5		2.5	4	3	47	13	2	Ball	

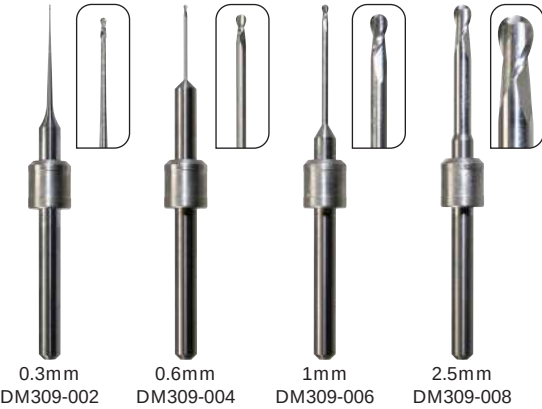
CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
3mm SHANK TOLERANCE (h6) $\pm 0.000/-0.006\text{mm}$



Machine Models
Amann Girrbach
Ceramill Matik, Mikro 4X, 5X, Micro ic, Motion2

Uncoated

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
3mm SHANK TOLERANCE (h6) $\pm 0.000/-0.006\text{mm}$



CVD Real Diamond Coating - PowerRD

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
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nACo Coating - PowerN

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3mm SHANK TOLERANCE (h6) $\pm 0.000/-0.006\text{mm}$



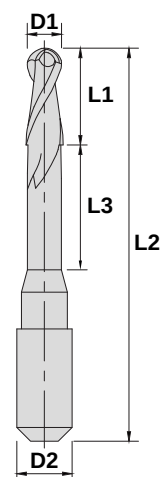
PowerN Coating ideal for
machining Titanium and CoCr.





Part No.	Materials	Cut Diameter	Length of Cut	Shank Diameter	Overall Length	Neck Length	No. of Flutes	End Type	Coating
		D1	L1	D2	L2	L3			
DM315-002-7		0.3	1	4	45	-	2	Ball	
DM315-008-7		0.6	1.8	4	45	11.2	2	Ball	
DM315-014-7		1	3	4	50	13	2	Ball	
DM315-020-7		1.5	4.5	4	50	11.5	2	Ball	
DM315-026-7		2	6	4	50	14	2	Ball	
DM315-004-7		0.3	1	6	63	-	2	Ball	
DM315-010-7		0.6	1.8	6	63	11.2	2	Ball	
DM315-016-7		1	3	6	63	13	2	Ball	
DM315-022-7		1.5	4.5	6	63	11.5	2	Ball	
DM315-028-7		2	6	6	63	14	2	Ball	
DM315-032-7		3	9	6	63	11	2	Ball	
DM315-006-5		0.3	1	6	50	-	2	Ball	
DM315-012-5		0.6	1.2	6	50	1.8	2	Ball	
DM315-018-5		1	2	6	50	8	2	Ball	
DM315-024-5		1.5	3	6	50	7	2	Ball	
DM315-030-5		2	4	6	50	8	2	Ball	
DM315-034-5		3	6	6	50	6	2	Ball	
DM315-136-5		1.75	7	6	50	7	2	Square	
DM315-138-5		2	9	6	55	9	2	Square	
DM315-140-5		2	4	6	50	2	2	Square	
DM315-242-5		1.5	14	6	50	-	2	Split Point Drill	
DM315-244-5		2.3	18	6	55	-	2	Split Point Drill	

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
4mm SHANK TOLERANCE (h6) $\pm 0.000/-0.008\text{mm}$
6mm SHANK TOLERANCE (h6) $\pm 0.000/-0.008\text{mm}$



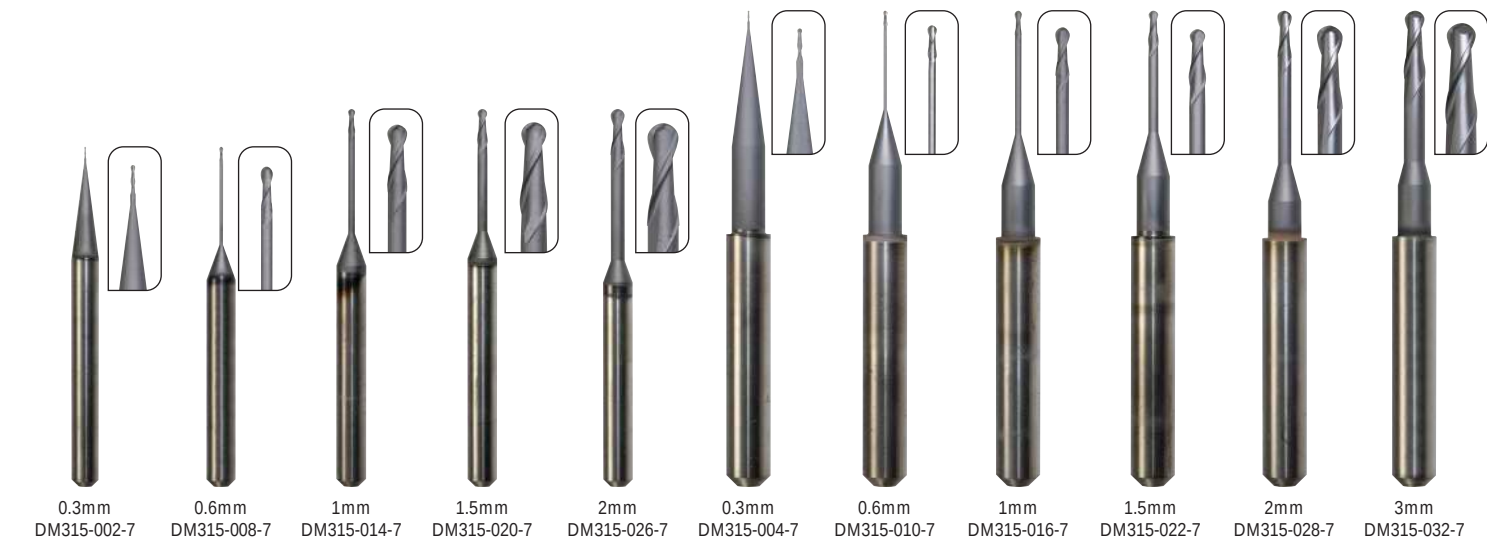
Machine Models
ARUM/Axsys VersaMill
5X, 5X-200, 4X-100 & 5X450

CVD Real Diamond Coating - PowerRD

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
4mm SHANK TOLERANCE (h6) $\pm 0.000/-0.008\text{mm}$
6mm SHANK TOLERANCE (h6) $\pm 0.000/-0.008\text{mm}$



Real Diamond CVD Coating provides
outstanding milling bur life for
machining Zirconia.

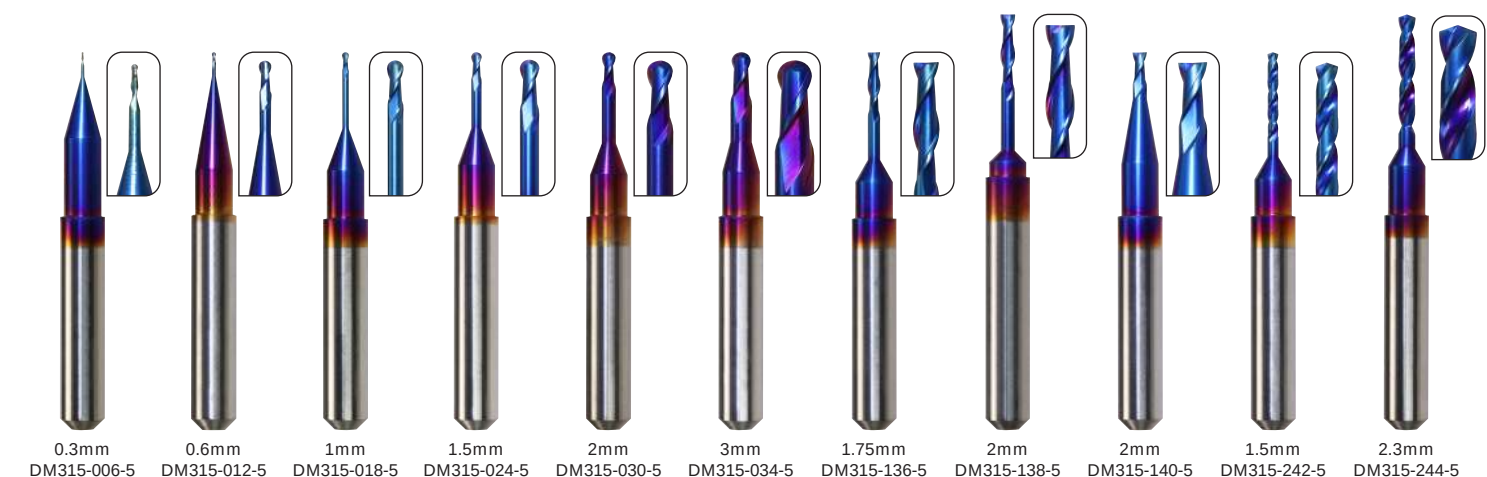


nACo Coating - PowerN

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
4mm SHANK TOLERANCE (h6) $\pm 0.000/-0.008\text{mm}$
6mm SHANK TOLERANCE (h6) $\pm 0.000/-0.008\text{mm}$



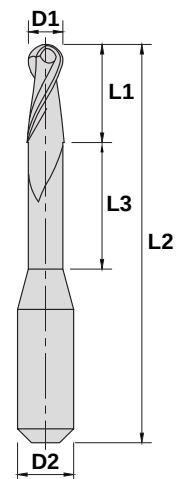
PowerN Coating ideal for
machining Titanium and CoCr.





Part No.	Materials	Cut Diameter	Length of Cut	Shank Diameter	Overall Length	Neck Length	No. of Flutes	End Type	Coating
		D1	L1	D2	L2	L3			
DM316-002		0.6	2.5	3	48	7.5	2	Ball	-
DM316-006		1	4	3	48	14	2	Ball	-
DM316-010		2.5	5	3	48	20	2	Ball	-
DM316-004		0.6	2.5	6	50	7.5	2	Ball	-
DM316-008		1	4	6	50	14	2	Ball	-
DM316-012		2.5	5	6	50	20	2	Ball	-
DM316-002-7		0.6	2.5	3	48	7.5	2	Ball	POWER RD
DM316-006-7		1	4	3	48	14	2	Ball	POWER RD
DM316-010-7		2.5	5	3	48	20	2	Ball	POWER RD
DM316-004-7		0.6	2.5	6	50	7.5	2	Ball	POWER RD
DM316-008-7		1	4	6	50	14	2	Ball	POWER RD
DM316-012-7		2.5	5	6	50	20	2	Ball	POWER RD
DM316-006-5		1	4	3	48	14	2	Ball	POWER N
DM316-010-5		2.5	5	3	48	20	2	Ball	POWER N
DM316-008-5		1	4	6	50	14	2	Ball	POWER N
DM316-012-5		2.5	5	6	50	20	2	Ball	POWER N

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
3mm SHANK TOLERANCE (h6) $\pm 0.000/-0.006\text{mm}$
6mm SHANK TOLERANCE (h6) $\pm 0.000/-0.008\text{mm}$



Machine Models
Datron D5

Uncoated

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
3mm SHANK TOLERANCE (h6) $\pm 0.000/-0.006\text{mm}$
6mm SHANK TOLERANCE (h6) $\pm 0.000/-0.008\text{mm}$



CVD Real Diamond Coating - PowerRD

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
3mm SHANK TOLERANCE (h6) $\pm 0.000/-0.006\text{mm}$
6mm SHANK TOLERANCE (h6) $\pm 0.000/-0.008\text{mm}$



Real Diamond CVD Coating provides
outstanding milling bur life for
machining Zirconia.



nACo Coating - PowerN

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
3mm SHANK TOLERANCE (h6) $\pm 0.000/-0.006\text{mm}$
6mm SHANK TOLERANCE (h6) $\pm 0.000/-0.008\text{mm}$



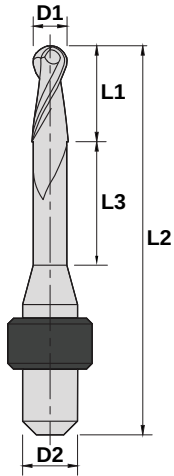
PowerN Coating ideal for
machining Titanium and CoCr.





Part No.	Materials	Cut Diameter	Length of Cut	Shank Diameter	Overall Length	Neck Length	No. of Flutes	End Type	Coating
		D1	L1	D2	L2	L3			
DM306-014		0.5	1	3	42	4	2	Ball	-
DM306-016		1	3	3	43	14	2	Ball	-
DM306-018		2.5	4	3	44	20	2	Ball	-
DM306-004		0.5	1	3	42	4	2	Ball	-
DM306-008		1	3	3	43	14	2	Ball	-
DM306-010		2.5	4	3	44	20	2	Ball	-
DM306-004-7		0.5	1	3	42	4	2	Ball	
DM306-008-7		1	3	3	43	14	2	Ball	
DM306-012-7		2.5	4	3	44	20	4	Ball	
DM306-008-5		1	3	3	43	14	2	Ball	
DM306-010-5		2.5	4	3	44	20	2	Ball	
DM306-012-5		2.5	4	3	44	20	4	Ball	

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
3mm SHANK TOLERANCE (h6) $\pm 0.000/-0.006\text{mm}$



Machine Models
InLab MC X5

Uncoated

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
3mm SHANK TOLERANCE (h6) $\pm 0.000/-0.006\text{mm}$

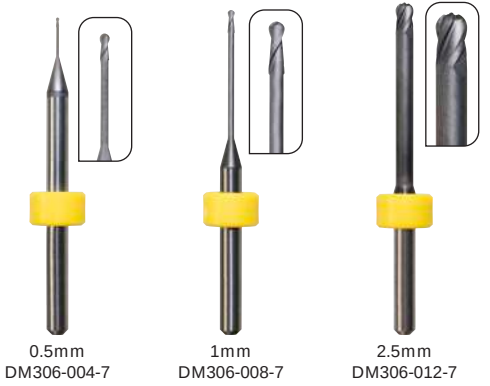


CVD Real Diamond Coating - PowerRD

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3mm SHANK TOLERANCE (h6) $\pm 0.000/-0.006\text{mm}$



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3mm SHANK TOLERANCE (h6) $\pm 0.000/-0.006\text{mm}$



PowerN Coating ideal for
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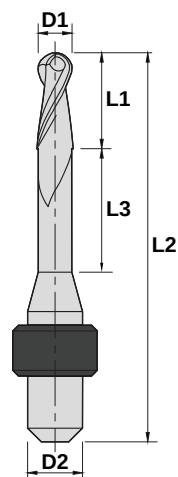




Part No.	Materials	Cut Diameter	Length of Cut	Shank Diameter	Overall Length	Neck Length	No. of Flutes	End Type	Coating
		D1	L1	D2	L2	L3			
DM305-002		0.3	0.9	3.175	38.1	-	2	Ball	-
DM305-004		0.6	1.8	3.175	38.1	8.2	2	Ball	-
DM305-006		0.8	2.4	3.175	38.1	-	2	Ball	-
DM305-010		1	3	3.175	38.1	13.6	2	Ball	-
DM305-014		2	6	3.175	38.1	14	2	Ball	-
DM305-016		3.175	9.525	3.175	38.1	-	2	Ball	-
DM305-004-7		0.6	1.8	3.175	38.1	8.2	2	Ball	POWERRD
DM305-006-7		0.8	2.4	3.175	38.1	-	2	Ball	POWERRD
DM305-010-7		1	3	3.175	38.1	13.6	2	Ball	POWERRD
DM305-014-7		2	6	3.175	38.1	14	2	Ball	POWERRD
DM305-016-7		3.175	9.525	3.175	38.1	-	2	Ball	POWERRD
DM305-004-5		0.6	1.8	3.175	38.1	8.2	2	Ball	POWERN
DM305-010-5		1	3	3.175	38.1	13.6	2	Ball	POWERN
DM305-014-5		2	6	3.175	38.1	14	2	Ball	POWERN

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
3.175mm SHANK TOLERANCE (h6) $\pm 0.000/-0.008\text{mm}$

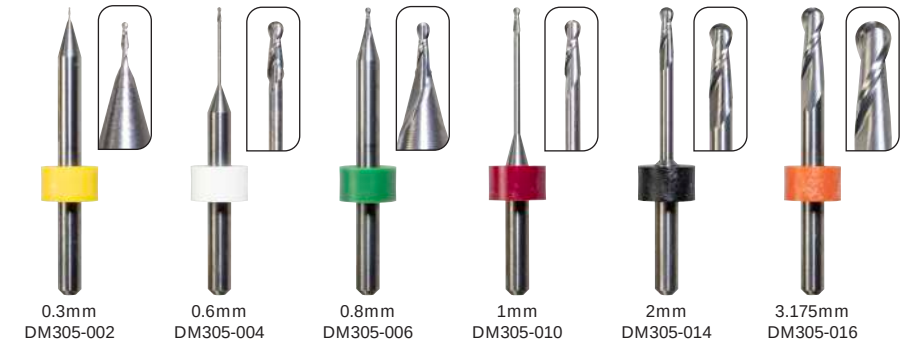
The above burs are also available with our PowerT (TiN) coating. Append -2 for PowerT.



Machine Models
Digital Dental - Dental.Mill 4,
Dental.Mill 5, Dental.Mill 4HD

Uncoated

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
3.175mm SHANK TOLERANCE (h6) $\pm 0.000/-0.008\text{mm}$



CVD Real Diamond Coating - PowerRD

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
3.175mm SHANK TOLERANCE (h6) $\pm 0.000/-0.008\text{mm}$



Real Diamond CVD Coating provides
outstanding milling bur life for
machining Zirconia.

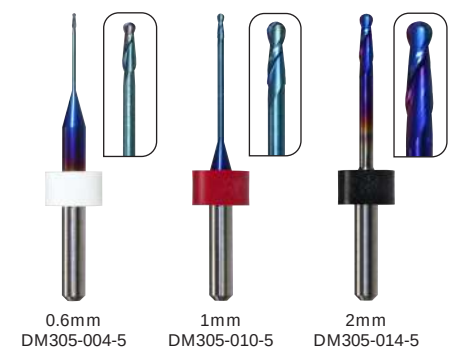


nACo Coating - PowerN

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
3.175mm SHANK TOLERANCE (h6) $\pm 0.000/-0.008\text{mm}$



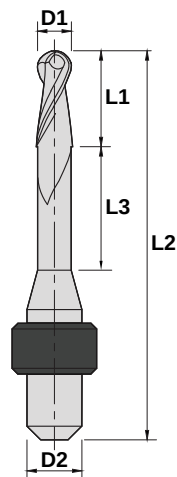
PowerN Coating ideal for
machining Titanium and CoCr.





Part No.	Materials	Cut Diameter	Length of Cut	Shank Diameter	Overall Length	Neck Length	No. of Flutes	End Type	Coating
		D1	L1	D2	L2	L3			
DM304-002		0.6	1.8	3	48	8.2	2	Ball	-
DM304-004		0.6	4.8	3	48	-	2	Ball	-
DM304-010		1	3	3	48	12	2	Ball	-
DM304-014		2.5	7.5	3	48	12.5	2	Ball	-
DM304-022		1	2	6	53	11.5	1	Ball	-
DM304-020		2.5	5	6	53	15	1	Ball	-
DM304-018		4	15	6	56	17	1	Square	-
DM304-006		0.6	1.8	6	53	8.2	2	Ball	-
DM304-008		0.6	4.8	6	53	-	2	Ball	-
DM304-012		1	3	6	53	12	2	Ball	-
DM304-016		2.5	7.5	6	53	12.5	2	Ball	-
DM304-002-7		0.6	1.8	3	48	8.2	2	Ball	POWERRD
DM304-004-7		0.6	4.8	3	48	-	2	Ball	POWERRD
DM304-010-7		1	3	3	48	12	2	Ball	POWERRD
DM304-014-7		2.5	7.5	3	48	12.5	2	Ball	POWERRD
DM304-006-7		0.6	1.8	6	53	8.2	2	Ball	POWERRD
DM304-008-7		0.6	4.8	6	53	-	2	Ball	POWERRD
DM304-012-7		1	3	6	53	12	2	Ball	POWERRD
DM304-016-7		2.5	7.5	6	53	12.5	2	Ball	POWERRD
DM304-010-5		1	3	3	48	12	2	Ball	POWERN
DM304-014-5		2.5	7.5	3	48	12.5	2	Ball	POWERN
DM304-012-5		1	3	6	53	12	2	Ball	POWERN
DM304-016-5		2.5	7.5	6	53	12.5	2	Ball	POWERN

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
3mm SHANK TOLERANCE (h6) $\pm 0.000/-0.006\text{mm}$
6mm SHANK TOLERANCE (h6) $\pm 0.000/-0.008\text{mm}$



Machine Models
imes-icore CORiTEC one, 140i, 150i,
245i, 250i, 350i, 650i Series

Uncoated

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
3mm SHANK TOLERANCE (h6) $\pm 0.000/-0.006\text{mm}$
6mm SHANK TOLERANCE (h6) $\pm 0.000/-0.008\text{mm}$



CVD Real Diamond Coating - PowerRD

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
3mm SHANK TOLERANCE (h6) $\pm 0.000/-0.006\text{mm}$
6mm SHANK TOLERANCE (h6) $\pm 0.000/-0.008\text{mm}$

POWERRD
Real Diamond CVD
Coating providing
outstanding
milling bur life for
machining Zirconia



nACo Coating - PowerN

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
3mm SHANK TOLERANCE (h6) $\pm 0.000/-0.006\text{mm}$
6mm SHANK TOLERANCE (h6) $\pm 0.000/-0.008\text{mm}$

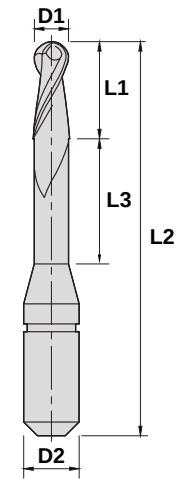
POWERN
PowerN Coating ideal
for machining Titanium
and CoCr.





Part No.	Materials	Cut Diameter	Length of Cut	Shank Diameter	Overall Length	Neck Length	No. of Flutes	End Type	Coating
		D1	L1	D2	L2	L3			
M200									
DM303-002		0.6	1.2	3	35	8.8	2	Ball	-
DM303-014		0.6	2	3	35	-	2	Ball	-
DM303-004		1	2	3	35	13	2	Ball	-
DM303-006		2	4	3	35	14	2	Ball	-
DM303-018		2	10	3	35	6.35	2	Ball	-
DM303-004-5		1	2	3	35	13	2	Ball	POWERN
DM303-006-5		2	4	3	35	14	2	Ball	POWERN
M205/M305-X									
DM303-008		0.6	1.2	3	40	8.8	2	Ball	-
DM303-016		0.6	2	3	40	-	2	Ball	-
DM303-010		1	2	3	40	13	2	Ball	-
DM303-012		2	4	3	40	16	2	Ball	-
DM303-008-7		0.6	1.2	3	40	8.8	2	Ball	POWERRD
DM303-016-7		0.6	2	3	40	-	2	Ball	POWERRD
DM303-010-7		1	2	3	40	13	2	Ball	POWERRD
DM303-012-7		2	4	3	40	16	2	Ball	POWERRD
DM303-010-5		1	2	3	40	13	2	Ball	POWERN
DM303-012-5		2	4	3	40	16	2	Ball	POWERN

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
3mm SHANK TOLERANCE (h6) $\pm 0.000/-0.006\text{mm}$



Machine Models
Preciso M200 Mill,
M205 Mill, M305-X Mill

Uncoated

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
3mm SHANK TOLERANCE (h6) $\pm 0.000/-0.006\text{mm}$



CVD Real Diamond Coating - PowerRD

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
3mm SHANK TOLERANCE (h6) $\pm 0.000/-0.006\text{mm}$



Real Diamond CVD Coating provides
outstanding milling bur life for
machining Zirconia.

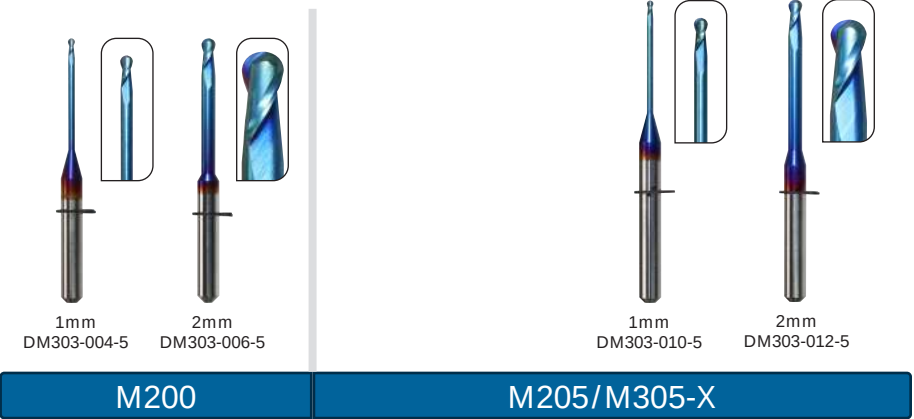


nACo Coating - PowerN

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
3mm SHANK TOLERANCE (h6) $\pm 0.000/-0.006\text{mm}$



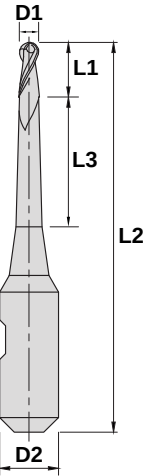
PowerN Coating ideal for
machining Titanium and CoCr.





Part No.	Materials	Cut Diameter	Length of Cut	Shank Diameter	Overall Length	Neck Length	No. of Flutes	End Type	Coating
		D1	L1	D2	L2	L3			
DM312-002	  	1	2	6	48		2	Ball	-
DM312-004	  	3	3	6	48		2	Ball	-
DM312-002-7		1	2	6	48		2	Ball	
DM312-004-7		3	3	6	48		2	Ball	

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
6mm SHANK TOLERANCE (h6) $\pm 0.000/-0.008\text{mm}$



Machine Models
KaVo Everest Engine

Uncoated

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
6mm SHANK TOLERANCE (h6) $\pm 0.000/-0.008\text{mm}$

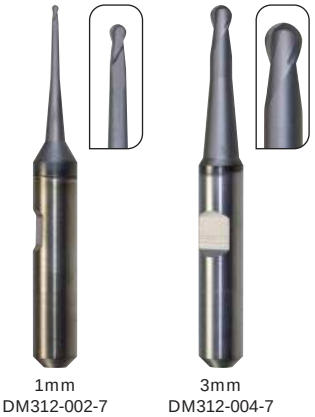


CVD Real Diamond Coating - PowerRD

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
6mm SHANK TOLERANCE (h6) $\pm 0.000/-0.008\text{mm}$



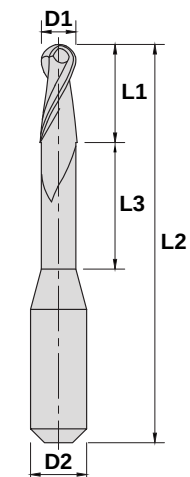
Real Diamond CVD Coating provides
outstanding milling bur life for
machining Zirconia.





Part No.	Materials	Cut Diameter	Length of Cut	Shank Diameter	Overall Length	Neck Length	No. of Flutes	End Type	Coating
		D1	L1	D2	L2	L3			
DM316-002		0.6	2.5	3	48	7.5	2	Ball	-
DM316-006		1	4	3	48	14	2	Ball	-
DM316-010		2.5	5	3	48	20	2	Ball	-
DM316-004		0.6	2.5	6	50	7.5	2	Ball	-
DM316-008		1	4	6	50	14	2	Ball	-
DM316-012		2.5	5	6	50	20	2	Ball	-
DM316-002-7		0.6	2.5	3	48	7.5	2	Ball	POWERRD
DM316-006-7		1	4	3	48	14	2	Ball	POWERRD
DM316-010-7		2.5	5	3	48	20	2	Ball	POWERRD
DM316-004-7		0.6	2.5	6	50	7.5	2	Ball	POWERRD
DM316-008-7		1	4	6	50	14	2	Ball	POWERRD
DM316-012-7		2.5	5	6	50	20	2	Ball	POWERRD
DM316-006-5		1	4	3	48	14	2	Ball	POWERN
DM316-010-5		2.5	5	3	48	20	2	Ball	POWERN
DM316-008-5		1	4	6	50	14	2	Ball	POWERN
DM316-012-5		2.5	5	6	50	20	2	Ball	POWERN

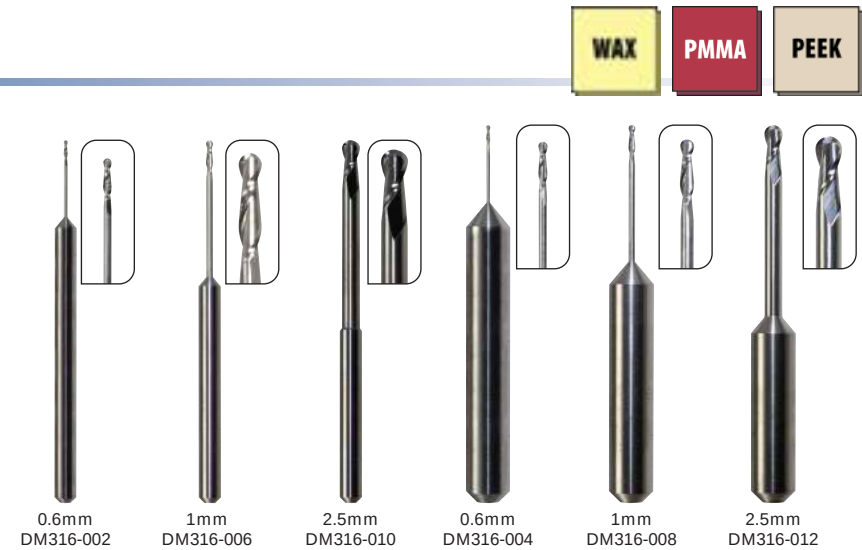
CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
3mm SHANK TOLERANCE (h6) $\pm 0.000/-0.006\text{mm}$
6mm SHANK TOLERANCE (h6) $\pm 0.000/-0.008\text{mm}$



Machine Models
Laserdentium OpenMill4, OpenMill5

Uncoated

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
3mm SHANK TOLERANCE (h6) $\pm 0.000/-0.006\text{mm}$
6mm SHANK TOLERANCE (h6) $\pm 0.000/-0.008\text{mm}$



CVD Real Diamond Coating - PowerRD

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
3mm SHANK TOLERANCE (h6) $\pm 0.000/-0.006\text{mm}$
6mm SHANK TOLERANCE (h6) $\pm 0.000/-0.008\text{mm}$



Real Diamond CVD Coating provides
outstanding milling bur life for
machining Zirconia.

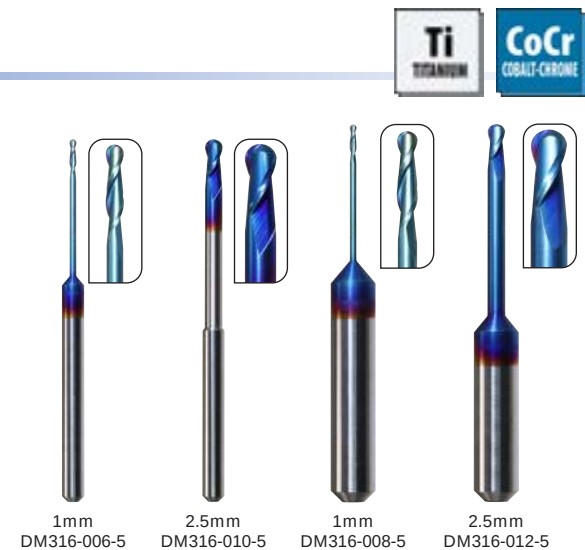


nACo Coating - PowerN

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
3mm SHANK TOLERANCE (h6) $\pm 0.000/-0.006\text{mm}$
6mm SHANK TOLERANCE (h6) $\pm 0.000/-0.008\text{mm}$



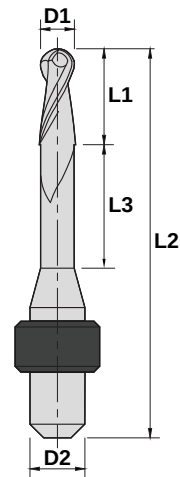
PowerN Coating ideal for
machining Titanium and CoCr.





Part No.	Materials	Cut Diameter	Length of Cut	Shank Diameter	Overall Length	Neck Length	No. of Flutes	End Type	Coating
		D1	L1	D2	L2	L3			
DM310-002		0.6	4.8	4	46	-	2	Ball	-
DM310-004		0.6	1.8	4	46	8.2	2	Ball	-
DM310-006		1	3	4	46	14.5	2	Ball	-
DM310-008		2	6	4	46	11.5	2	Ball	-
DM310-002-7		0.6	4.8	4	46	-	2	Ball	POWERRD
DM310-004-7		0.6	1.8	4	46	8.2	2	Ball	POWERRD
DM310-006-7		1	3	4	46	14.5	2	Ball	POWERRD
DM310-008-7		2	6	4	46	11.5	2	Ball	POWERRD
DM310-006-5		1	3	4	46	14.5	2	Ball	POWERN
DM310-008-5		2	6	4	46	11.5	2	Ball	POWERN

CUTTING EDGE TOLERANCE +0.000/-0.051mm
4mm SHANK TOLERANCE (h6) +0.000/-0.008mm



Machine Models

Origin: Origin 40, Proteus 5X,
Pro 5500, Haas OM2A

Uncoated

CUTTING EDGE TOLERANCE +0.000/-0.051mm
4mm SHANK TOLERANCE (h6) +0.000/-0.008mm



CVD Real Diamond Coating - PowerRD

CUTTING EDGE TOLERANCE +0.000/-0.051mm
4mm SHANK TOLERANCE (h6) +0.000/-0.008mm



Real Diamond CVD Coating provides
outstanding milling bur life for
machining Zirconia.



nACo Coating - PowerN

CUTTING EDGE TOLERANCE +0.000/-0.051mm
4mm SHANK TOLERANCE (h6) +0.000/-0.008mm



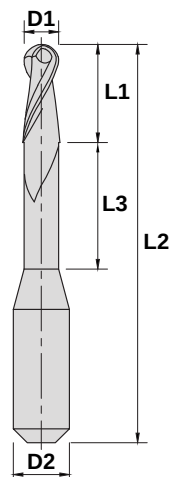
PowerN Coating ideal for
machining Titanium and CoCr.





Part No.	Materials	Cut Diameter	Length of Cut	Shank Diameter	Overall Length	Neck Length	No. of Flutes	End Type	Coating
		D1	L1	D2	L2	L3			
DM300-002		0.3	0.9	4	50	3.1	2	Ball	-
DM300-004		0.6	1.8	4	50	8.2	2	Ball	-
DM300-006		0.8	2.4	4	50	9.6	2	Ball	-
DM300-008		1	3	4	50	12	2	Ball	-
DM300-010		1	7.5	4	50	7.5	2	Ball	-
DM300-012		2	6	4	50	14	2	Ball	-
DM300-014		2	10	4	50	10	2	Ball	-
DM300-104		0.6	1.8	4	50	8.2	2	Square	-
DM300-004-7		0.6	1.8	4	50	8.2	2	Ball	POWERRD
DM300-006-7		0.8	2.4	4	50	9.6	2	Ball	POWERRD
DM300-008-7		1	3	4	50	12	2	Ball	POWERRD
DM300-010-7		1	7.5	4	50	7.5	2	Ball	POWERRD
DM300-012-7		2	6	4	50	14	2	Ball	POWERRD
DM300-014-7		2	10	4	50	10	2	Ball	POWERRD
DM300-108-7		1	3	4	50	12	2	Square	POWERRD
DM300-112-7		2	6	4	50	14	2	Square	POWERRD
DM300-008-5		1	3	4	50	12	2	Ball	POWERN
DM300-012-5		2	6	4	50	14	2	Ball	POWERN

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
4mm SHANK TOLERANCE (h6) $\pm 0.000/-0.008\text{mm}$



Machine Models

Roland DWX-4, DWX-42W, DWX-50,
DWX-51, DWX 52/52D, DWX-52DCi

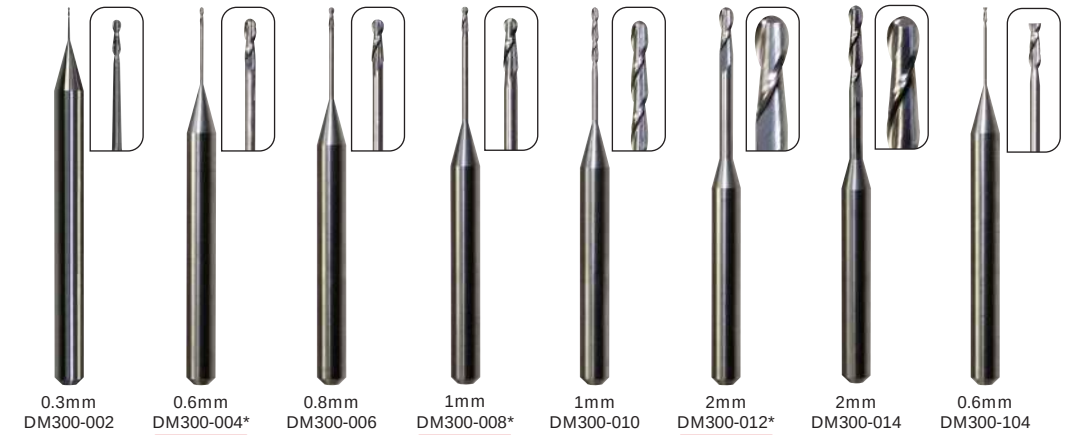
Uncoated

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
4mm SHANK TOLERANCE (h6) $\pm 0.000/-0.008\text{mm}$

*Also available for special
tolerance milling plans

CUTTING EDGE TOLERANCE $\pm 0.013\text{mm}$
4mm SHANK TOLERANCE (h6) $\pm 0.000/-0.008\text{mm}$

Call for more information

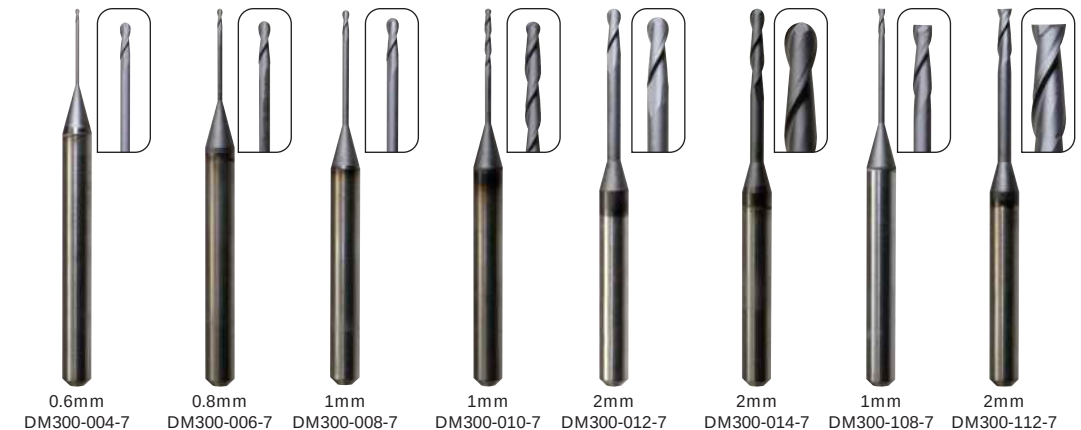


CVD Real Diamond Coating - PowerRD

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
4mm SHANK TOLERANCE (h6) $\pm 0.000/-0.008\text{mm}$



Real Diamond CVD
Coating provides
outstanding milling bur life
for machining Zirconia.

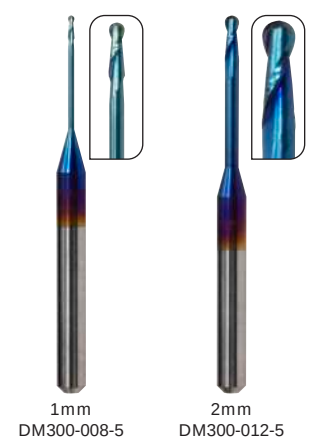


nACo Coating - PowerN

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
4mm SHANK TOLERANCE (h6) $\pm 0.000/-0.008\text{mm}$



PowerN Coating ideal for
machining Titanium and
CoCr.

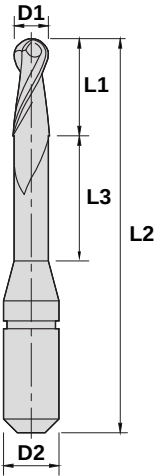




Part No.	Materials	Cut Diameter	Length of Cut	Shank Diameter	Overall Length	Neck Length	No. of Flutes	End Type	Coating
		D1	L1	D2	L2	L3			
K4									
DM303-002		0.6	1.2	3	35	8.8	2	Ball	-
DM303-014		0.6	2	3	35	-	2	Ball	-
DM303-004		1	2	3	35	13	2	Ball	-
DM303-006		2	4	3	35	14	2	Ball	-
DM303-018		2	10	3	35	6.35	2	Ball	-
DM303-002-7 ‡		0.6	1.2	3	35	8.8	2	Ball	POWERRD
DM303-004-7 ‡		1	2	3	35	13	2	Ball	POWERRD
DM303-006-7 ‡		2	4	3	35	14	2	Ball	POWERRD
DM303-004-5		1	2	3	35	13	2	Ball	POWERN
DM303-006-5		2	4	3	35	14	2	Ball	POWERN
K5 / S2									
DM303-008		0.6	1.2	3	40	8.8	2	Ball	-
DM303-016		0.6	2	3	40	-	2	Ball	-
DM303-010		1	2	3	40	13	2	Ball	-
DM303-012		2	4	3	40	16	2	Ball	-
DM303-008-7		0.6	1.2	3	40	8.8	2	Ball	POWERRD
DM303-016-7		0.6	2	3	40	-	2	Ball	POWERRD
DM303-010-7		1	2	3	40	13	2	Ball	POWERRD
DM303-012-7		2	4	3	40	16	2	Ball	POWERRD
DM303-010-5		1	2	3	40	13	2	Ball	POWERN
DM303-012-5		2	4	3	40	16	2	Ball	POWERN

‡ Suited for machines equipped with haptic/tactile tool detection.

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
3mm SHANK TOLERANCE (h6) $\pm 0.000/-0.006\text{mm}$



Machine Models
vhf K4, K5, S1, S2

Uncoated

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
3mm SHANK TOLERANCE (h6) $\pm 0.000/-0.006\text{mm}$



CVD Real Diamond Coating - PowerRD

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
3mm SHANK TOLERANCE (h6) $\pm 0.000/-0.006\text{mm}$



Real Diamond CVD Coating
provides outstanding milling bur
life for machining Zirconia.

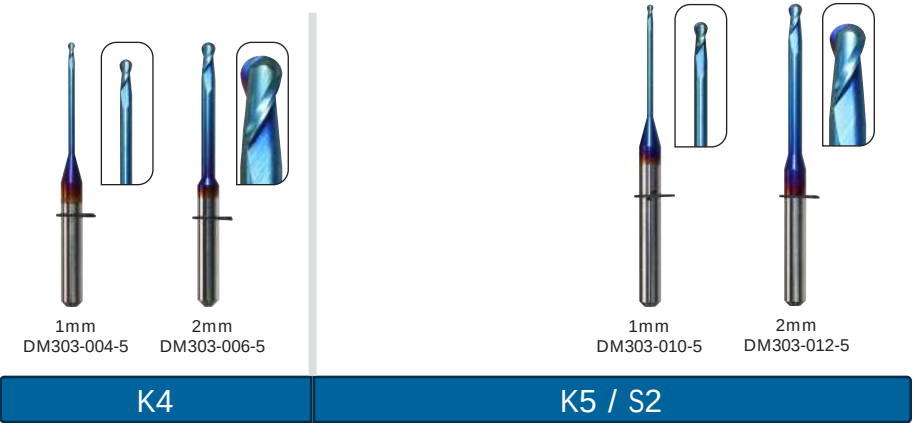


nACo Coating - PowerN

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
3mm SHANK TOLERANCE (h6) $\pm 0.000/-0.006\text{mm}$



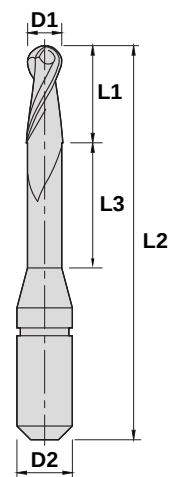
PowerN Coating ideal for
machining Titanium and CoCr.





Part No.	Materials	Cut Diameter	Length of Cut	Shank Diameter	Overall Length	Neck Length	No. of Flutes	End Type	Coating
		D1	L1	D2	L2	L3			
Zenotec Mini									
DM302-004		0.7	1.4	3	35	8.6	2	Ball	-
DM302-006		1	2	3	35	13	2	Ball	-
DM302-008		2	4	3	35	16	2	Ball	-
DM302-010		2.5	5	3	35	15	2	Ball	-
DM302-006-5		1	2	3	35	13	2	Ball	POWERN
DM302-008-5		2	4	3	35	16	2	Ball	POWERN
DM302-010-5		2.5	5	3	35	15	2	Ball	POWERN
Zenotec Select Hybrid									
DM301-004		0.7	1.4	3	40	8.6	2	Ball	-
DM301-006		1	2	3	40	13	2	Ball	-
DM301-008		2	4	3	40	16	2	Ball	-
DM301-010		2.5	5	3	40	15	2	Ball	-
DM301-004-7		0.7	1.4	3	40	8.6	2	Ball	POWERRD
DM301-006-7		1	2	3	40	13	2	Ball	POWERRD
DM301-008-7		2	4	3	40	16	2	Ball	POWERRD
DM301-010-7		2.5	5	3	40	15	2	Ball	POWERRD
DM301-006-5		1	2	3	40	13	2	Ball	POWERN
DM301-008-5		2	4	3	40	16	2	Ball	POWERN
DM301-010-5		2.5	5	3	40	15	2	Ball	POWERN

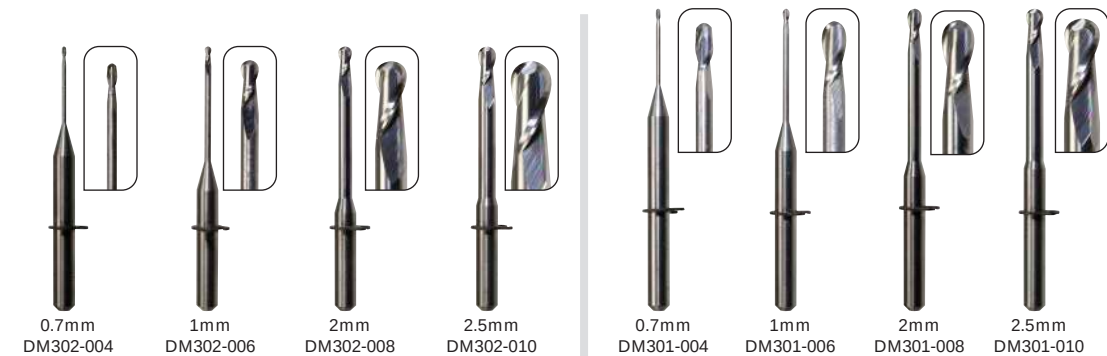
CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
3mm SHANK TOLERANCE (h6) $\pm 0.000/-0.006\text{mm}$



Machine Models
Wieland Zenotec Mini
Wieland Zenotec Select Hybrid

Uncoated

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
3mm SHANK TOLERANCE (h6) $\pm 0.000/-0.006\text{mm}$



Zenotec Mini

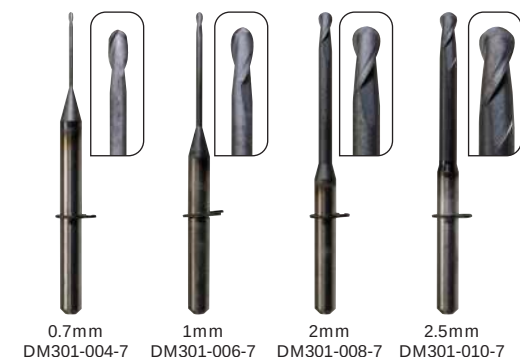
Zenotec Select Hybrid

CVD Real Diamond Coating - PowerRD

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
3mm SHANK TOLERANCE (h6) $\pm 0.000/-0.006\text{mm}$



Real Diamond CVD Coating provides
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machining Zirconia.



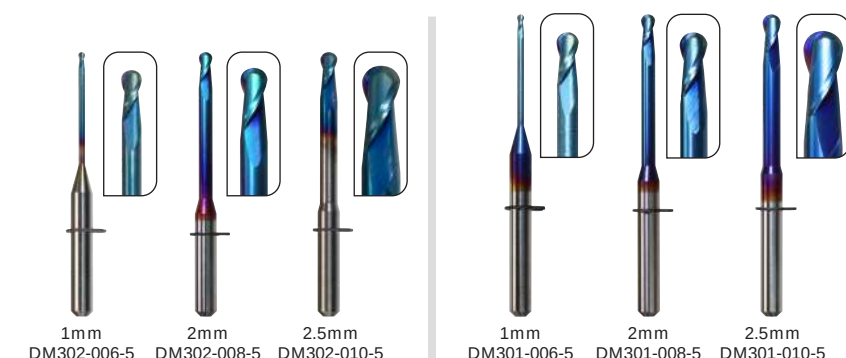
Zenotec Select Hybrid

nACo Coating - PowerN

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
3mm SHANK TOLERANCE (h6) $\pm 0.000/-0.006\text{mm}$



PowerN Coating ideal for
machining Titanium and CoCr.



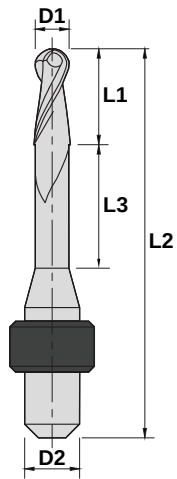
Zenotec Mini

Zenotec Select Hybrid



Part No.	Materials	Cut Diameter	Length of Cut	Shank Diameter	Overall Length	Neck Length	No. of Flutes	End Type	Coating
		D1	L1	D2	L2	L3			
DM310-002		0.6	4.8	4	46	-	2	Ball	-
DM310-004		0.6	1.8	4	46	8.2	2	Ball	-
DM310-006		1	3	4	46	14.5	2	Ball	-
DM310-008		2	6	4	46	11.5	2	Ball	-
DM310-002-7		0.6	4.8	4	46	-	2	Ball	POWERRD
DM310-004-7		0.6	1.8	4	46	8.2	2	Ball	POWERRD
DM310-006-7		1	3	4	46	14.5	2	Ball	POWERRD
DM310-008-7		2	6	4	46	11.5	2	Ball	POWERRD
DM310-006-5		1	3	4	46	14.5	2	Ball	POWERN
DM310-008-5		2	6	4	46	11.5	2	Ball	POWERN

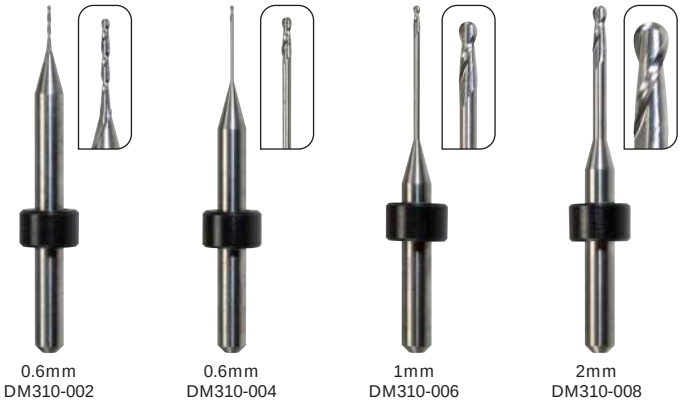
CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
4mm SHANK TOLERANCE (h6) $\pm 0.000/-0.008\text{mm}$



Machine Models
Yenadent D6, D14, D10,
D15, D43, DC40

Uncoated

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
4mm SHANK TOLERANCE (h6) $\pm 0.000/-0.008\text{mm}$



CVD Real Diamond Coating - PowerRD

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
4mm SHANK TOLERANCE (h6) $\pm 0.000/-0.008\text{mm}$



Real Diamond CVD Coating provides
outstanding milling bur life for
machining Zirconia.



nACo Coating - PowerN

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
4mm SHANK TOLERANCE (h6) $\pm 0.000/-0.008\text{mm}$



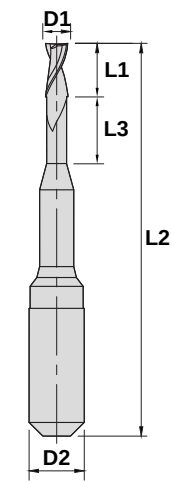
PowerN Coating ideal for
machining Titanium and CoCr.





Part No.	Materials	Cut Diameter	Length of Cut	Shank Diameter	Overall Length	Neck Length	No. of Flutes	End Type	Coating
		D1	L1	D2	L2	L3			
DM311-014		0.3	3	3	57	-	2	Ball	-
DM311-016		0.5	3	3	57	-	2	Ball	-
DM311-118		0.6	3	3	57	4	2	Square	-
DM311-020		1	8	3	57	8	2	Ball	-
DM311-122		1.5	5	3	57	13	2	Square	-
DM311-024		2	10	3	57	8	2	Ball	-
DM311-002		0.3	3	6	50	-	2	Ball	-
DM311-004		0.5	3	6	50	-	2	Ball	-
DM311-106		0.6	3	6	50	4	2	Square	-
DM311-008		1	6	6	50	6	2	Ball	-
DM311-110		1.5	5	6	50	13	2	Square	-
DM311-012		2	10	6	50	8	2	Ball	-
DM311-020-7		1	8	3	57	8	2	Ball	POWER RD
DM311-122-7		1.5	5	3	57	13	2	Square	POWER RD
DM311-024-7		2	10	3	57	8	2	Ball	POWER RD
DM311-008-7		1	6	6	50	6	2	Ball	POWER RD
DM311-110-7		1.5	5	6	50	13	2	Square	POWER RD
DM311-012-7		2	10	6	50	8	2	Ball	POWER RD
DM311-204-5		2	3	6	50	-	4	0.5mm Corner Rad.	POWER N
DM311-206-5		3	5	6	50	-	4	0.75mm Corner Rad.	POWER N

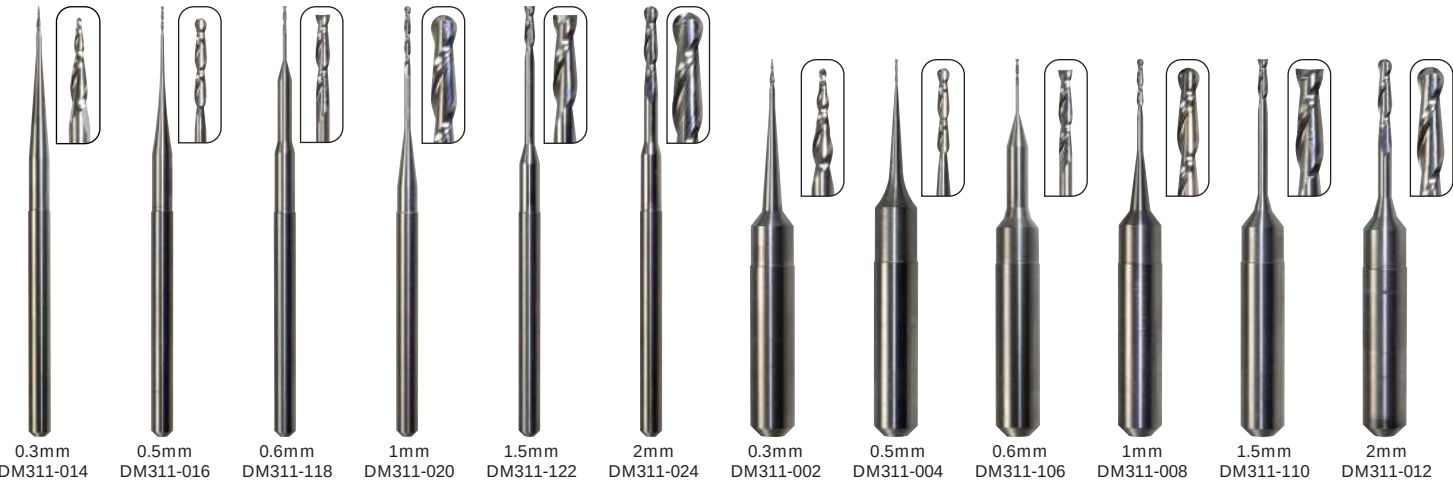
CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
3mm SHANK TOLERANCE (h6) $\pm 0.000/-0.006\text{mm}$
6mm SHANK TOLERANCE (h6) $\pm 0.000/-0.008\text{mm}$



Machine Models
Zirkonzahn M1, M2, M4, M5, M6

Uncoated

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
3mm SHANK TOLERANCE (h6) $\pm 0.000/-0.006\text{mm}$
6mm SHANK TOLERANCE (h6) $\pm 0.000/-0.008\text{mm}$



CVD Real Diamond Coating - PowerRD

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
3mm SHANK TOLERANCE (h6) $\pm 0.000/-0.006\text{mm}$
6mm SHANK TOLERANCE (h6) $\pm 0.000/-0.008\text{mm}$



Real Diamond CVD Coating provides
outstanding milling bur life for
machining Zirconia.



nAco Coating - PowerN

CUTTING EDGE TOLERANCE $\pm 0.000/-0.051\text{mm}$
3mm SHANK TOLERANCE (h6) $\pm 0.000/-0.006\text{mm}$
6mm SHANK TOLERANCE (h6) $\pm 0.000/-0.008\text{mm}$



PowerN Coating ideal for
machining Titanium and CoCr.



Our Hand Piece and Lathe Bur offering includes all of the most popular shapes and cuts.

Hand Piece Burs

Mastercut offers a wide variety of dental laboratory carbide burs for an array of applications and materials.

This section features a complete line of carbide burs, including shapes and cuts for use with all types of dental laboratory materials.

Most of our carbide burs feature a two-piece construction, consisting of tungsten carbide heads and corrosion resistant stainless-steel shanks (not recommended for autoclaving). We do offer some solid carbide burs, which will be noted accordingly.

Bench Lathe Burs

We offer both a 3/8" and a 1/2" head diameter burs for use on all standard bench lathes. Our bench lathe burs feature aircraft quality steel shanks (not recommended for autoclaving).



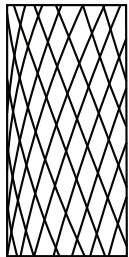
HAND PIECE & LATHE

All Hand Piece Burs available in the following cuts:



Diamond Cut

For smooth surface finish of acrylic and metals

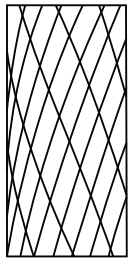


Best Suited for:



Double Cut

For fast reduction of acrylic and all metals, including non- precious and chrome cobalt

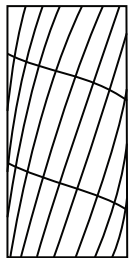


Best Suited for:



Regular Cut

For standard adjusting of acrylic, metals, plaster and stone



Best Suited for:



All Hand Piece and Lathe Burs available in the following coatings:



PowerT (TiN)

PowerT

PowerT (Titanium Nitride, TiN) (append -2)*

Color: Gold

Vickers Hardness: approximately 2,300 Vickers

Our TiN coated burs are gold in color and are an excellent choice for general purpose use in hand piece or bench lathe settings. Experience extended tool life compared to an uncoated bur.



PowerZ (ZrN)

PowerZ

PowerZ (Zirconium Nitride, ZrN) (append -4)*

Color: Dull Gold

Vickers Hardness: approximately 2,800 Vickers

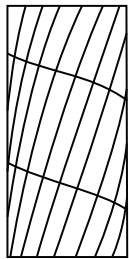
Our ZrN coated burs are a dull gold in color and are outstanding in aluminum, cast iron, stainless steels, titanium. PowerZ is also ideal for soft materials, such as flexible partial materials like polymethyl methacrylate (PMMA).

All Lathe Burs available in regular cut:

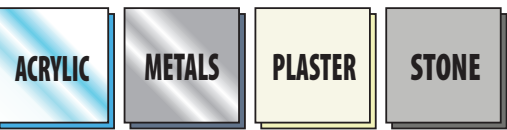


Regular Cut

For standard adjusting of acrylic, metals, plaster and stone



Best Suited for:



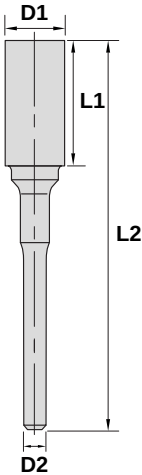
Hand Piece Carbide Burs

Diamond Cut	Double Cut	Regular Cut	Head Diameter	Length of Cut	Shank Diameter	Overall Length		
Part No.	Part No.	Part No.	D1	L1	D2	L2	Uncoated	Power T
DEN52CXF	DEN52CXC	DEN52C	1/4" (6.3mm)	3/8" (9.5mm)	.0925" (2.35mm)	1-7/8" (48mm)	Uncoated	Power T
DEN52DXF	DEN52DXC	DEN52D	1/4" (6.3mm)	1/4" (6.3mm)	.0925" (2.35mm)	1-3/4" (45mm)	Uncoated	Power T
DEN53AXF	DEN53AXC	DEN53A	1/4" (6.3mm)	1/2" (12.7mm)	.0925" (2.35mm)	2" (50mm)	Uncoated	Power T
DEN63BXF	DEN63BXC	DEN63B	1/4" (6.3mm)	1/2" (12.7mm)	.0925" (2.35mm)	2" (50mm)	Uncoated	Power T
DEN82TXF	DEN82TXC	DEN82T	1/4" (6.3mm)	5/8" (15.9mm)	.0925" (2.35mm)	2" (50mm)	Uncoated	Power T
DEN84TXF	DEN84TXC	DEN84T	1/4" (6.3mm)	1/2" (12.7mm)	.0925" (2.35mm)	2" (50mm)	Uncoated	Power T
DEN83EXF	DEN83EXC	DEN83E	1/4" (6.3mm)	1/2" (12.7mm)	.0925" (2.35mm)	2" (50mm)	Uncoated	Power T
DEN83EEXF*	DEN83EEXC*	DEN83EE*	1/4" (6.3mm)	1/2" (12.7mm)	.0925" (2.35mm)	2" (50mm)	Uncoated	Power T
DEN88AXF	DEN88AXC	DEN88A	1/4" (6.3mm)	1/2" (12.7mm)	.0925" (2.35mm)	2" (50mm)	Uncoated	Power T
DEN47XXF	DEN47XXC	DEN47X	5/32" (4mm)	1/2" (12.7mm)	.0925" (2.35mm)	2" (50mm)	Uncoated	Power T
DEN73CXF	DEN73CXC	DEN73C	1/4" (6.3mm)	1/4" (6.3mm)	.0925" (2.35mm)	1-3/4" (45mm)	Uncoated	Power T
DEN51AXF	DEN51AXC	DEN51A	3/16" (5mm)	3/8" (9.5mm)	.0925" (2.35mm)	1-7/8" (48mm)	Uncoated	Power T
DEN61A/81AXF	DEN61A/81AXC	DEN61A/81A	1/4" (6.3mm)	1/2" (12.7mm)	.0925" (2.35mm)	2" (50mm)	Uncoated	Power T

* Endcut Bur

CUTTING EDGE TOLERANCE ±0.005in (±0.127mm)
2.35mm SHANK TOLERANCE +0.0000/-0.0005in (+0.000/-0.013mm)

The above burs are available with PowerT coating. Append -2 for PowerT



Hand Piece Carbide Burs

Diamond Cut



Double Cut



Regular Cut



Hand Piece Solid Carbide Burs

Part No.	Head Dia.	LOC	Shank	OAL	Cone Angle	Cut		
	D1	L1	D2	L2			Uncoated	POWER T
DENMC-2	1/16"	1/4"	.0925	1-1/2"	-	Diamond Cut	Uncoated	Power T
DENMC-4	.0925"	3/8"	.0925"	1-1/2"	-	Diamond Cut	Uncoated	Power T
DENMC-5	.0925"	.070"	.0925"	1-1/2"	-	Diamond Cut	Uncoated	Power T
DENMC-6	.0925"	3/8"	.0925"	1-1/2"	10°	Diamond Cut	Uncoated	Power T
DENMC-7	.0925"	1/8"	.0925"	1-1/2"	10°	Diamond Cut	Uncoated	Power T
DENMC-8	.0925"	5/8"	.0925"	1-1/2"	7°	Diamond Cut	Uncoated	Power T
DEN71G	.0925"	1/8"	.0925"	1-1/2"	10°	Regular Cut	Uncoated	Power T
DEN33C	.0925"	3/8"	.0925"	1-1/2"	-	Regular Cut	Uncoated	Power T
DEN32P	1/16"	3/8"	.0925"	1-1/2"	-	Regular Cut	Uncoated	Power T
DEN31P	.0925"	5/8"	.0925"	1-1/2"	7°	Regular Cut	Uncoated	Power T
DEN44C	REDUCED SHANK 1/8"	9/16"	.0925"	1-1/2"	-	Regular Cut	Uncoated	Power T
DEN44CM(Metric)	REDUCED SHANK 3mm	14mm	2.35mm	38mm	-	Regular Cut	Uncoated	Power T
DEN41P	REDUCED SHANK 1/8"	5/8"	.0925"	1-1/2"	10°	Regular Cut	Uncoated	Power T
DEN41PM(Metric)	REDUCED SHANK 3mm	16mm	2.35mm	38mm	10°	Regular Cut	Uncoated	Power T

CUTTING EDGE TOLERANCE ±0.005in
.0925in SHANK TOLERANCE (h6) +0.000/-0.0002in

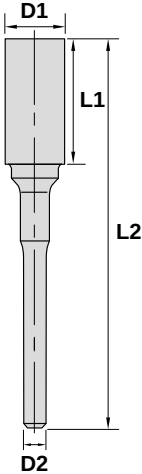
The above burs are available with PowerT coating. Append -2 for PowerT

Flexible Partial Bur Series

PowerZ coated Hand Piece burs for use with all flexible partial materials. Also, great in Die Trimming applications

Part No.	Head Dia.	LOC	Shank	OAL	Cone Angle	
	D1	L1	D2	L2		POWER Z
DENFP1-4	9/32"	9/16"	.0925"	2-3/32"	15°	Power Z
DENFP2-4	15/64"	9/16"	.0925"	2-3/32"	-	Power Z
DENFP3-4	5/32"	1/2"	.0925"	2"	11°	Power Z
DENFP4-4	5/32"	1/2"	.0925"	2"	-	Power Z

CUTTING EDGE TOLERANCE ±0.005in
.0925in SHANK TOLERANCE +0.0000/-0.0005in



Hand Piece Solid Carbide Burs



Flexible Partial Bur Series



TriCutter

Step Drill

Fastmill Burs



Bench Lathe Series

3/8" Cut Diameter (OD)

Part No.	Head Diameter	LOC	Shank	OAL	Cut		
	D1	L1	D2	L2		Uncoated	PowerT
DENA3/8	3/8"	3/4"	1/4"	2-1/2"	Regular	Uncoated	Power T
DENB3/8	3/8"	1-1/16"	1/4"	2-13/16"	Regular	Uncoated	Power T
DENC3/8	3/8"	3/4"	1/4"	2-1/2"	Regular	Uncoated	Power T
DEND3/8	3/8"	5/8"	1/4"	2-3/8"	Regular	Uncoated	Power T
DENE3/8	3/8"	3/4"	1/4"	2-1/2"	Regular	Uncoated	Power T
DENF3/8	3/8"	5/16"	1/4"	2-1/8"	Regular	Uncoated	Power T

CUTTING EDGE TOLERANCE ±0.005in
1/4in SHANK TOLERANCE +0.0000/-0.0005in

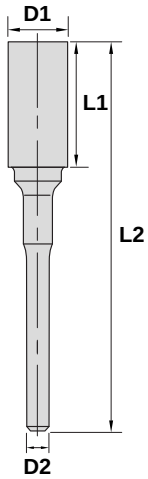
The above burs are available with PowerT coating. Append -2 for PowerT

1/2" Cut Diameter (OD)

Part No.	Head Diameter	LOC	Shank	OAL	Cut		
	D1	L1	D2	L2		Uncoated	PowerT
DENA1/2	1/2"	1"	1/4"	2-3/4"	Regular	Uncoated	Power T
DENB1/2	1/2"	1-1/8"	1/4"	2-7/8"	Regular	Uncoated	Power T
DENC1/2	1/2"	1"	1/4"	2-3/4"	Regular	Uncoated	Power T
DEND1/2	1/2"	7/8"	1/4"	2-5/8"	Regular	Uncoated	Power T
DENE1/2	1/2"	1"	1/4"	2-3/4"	Regular	Uncoated	Power T
DENF1/2	1/2"	7/16"	1/4"	2-1/4"	Regular	Uncoated	Power T

CUTTING EDGE TOLERANCE ±0.005in
1/4in SHANK TOLERANCE +0.0000/-0.0005in

The above burs are available with PowerT coating. Append -2 for PowerT



Bench Lathe Series

3/8" Cut Diameter (OD)



1/2" Cut Diameter (OD)



Our ISO bur offering includes a wide array of bur shapes and sizes, including a standard numbering system to help identify burs.

ISO BURS

ISO Burs

One of the most common numbering systems is ISO (International Standards Organization). You will also find our MasterCut Dental color-coded band system helpful when identifying burs.

Our ISO burs feature a two-piece construction, consisting of tungsten carbide heads and corrosion resistant stainless-steel shanks (not recommended for autoclaving). Optional coatings are available, see page 40.

Burs shown are right hand burs, except several left- hand burs, noted accordingly.



Very Fine

Yellow Band

For fine, difficult work in the following applications:

- Titanium Implant Abutments - trim and contour
- Soft Acrylic Denture Reline - trim
- Acrylic Appliances – trim



Fine

Red Band

For fine, difficult work in the following applications:

- Porcelain to Metal Margins - fine adjustments
- Precision Metal - crowns and bridges- finishing prior to veneering
- Non-Precious Metal - crowns and bridges
- Titanium and titanium alloys- fine adjustments



Medium

Blue Band

For speedy work in the following applications:

- Hard Acrylic - trimming dentures, trays, temporary restorations
- Composite - trimming temporary appliance and restorations
- Plaster & Stone - trimming models and dies
- Chrome Cobalt - trimming partial dental framework
- Metal Alloy - trimming crown and bridge metal substructures



Coarse

Green Band

For extensive trimming in the following applications:

- Ceramic Restorations - trim and finish
- Composite Restorations - trim and finish
- Acrylic Appliances - trim and contour
- Soft acrylic dentures- reline and trim
- Titanium implant abutment- trim and contour



Very Coarse

Black Band

For bulk reductions in the following applications:

- Hard Acrylic – bulk reduction, trim and finish
- Composite - bulk reduction, trim and finish
- Cobalt Chrome - bulk reduction, trim and finish
- Metal Alloy - bulk reduction, trim and finish

Very Fine Double Cut ISO 110

Precious Metals: Corrections

Part No.	Head Dia. (mm)	LOC (mm)	Shank (mm)	OAL (mm)	ISO Cut	Shape
	D1	L1	D2	L2		
D277110014	1.4	2.9	2.35	44.5	110	Egg
D289110023	2.3	8	2.35	44.5	110	Torpedo Cylindrical

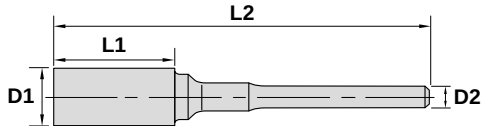
CUTTING EDGE TOLERANCE < 3mm $\pm 0.1\text{mm}$
CUTTING EDGE TOLERANCE > 3mm $\pm 0.3\text{mm}$
2.35mm SHANK TOLERANCE +0.000/-0.013mm

Fine Diamond Cut ISO 141

Non-precious Metals: Roughening of the surfaces prior to veneering

Part No.	Head Dia. (mm)	LOC (mm)	Shank (mm)	OAL (mm)	ISO Cut	Shape
	D1	L1	D2	L2		
D141141023	2.3	8	2.35	44.5	141	Cylindrical Domed End
D198141023	2.3	8	2.35	44.5	141	Conical Domed End (Neck)
D199141023	2.3	11.5	2.35	44.5	141	Conical Domed End (No Neck)
D200141040	4	13	2.35	51	141	Conical Domed End
D219141016	1.6	8	2.35	44.5	141	Conical Domed End Side-Cutting Only
D289141023	2.3	8	2.35	44.5	141	Torpedo Cylindrical (Neck)
D292141023	2.3	15	2.35	44.5	141	Torpedo Cylindrical (No Neck)

CUTTING EDGE TOLERANCE < 3mm $\pm 0.1\text{mm}$
CUTTING EDGE TOLERANCE > 3mm $\pm 0.3\text{mm}$
2.35mm SHANK TOLERANCE +0.000/-0.013mm



Very Fine Double Cut ISO 110

Precious Metals: Corrections



Fine Diamond Cut ISO 141

Non-precious Metals: Roughening of the surfaces prior to veneering



Fine Double Cut ISO 140

Plaster/Acrylic/Precious & Non-precious Metals: Trimming, Corrections, Shaping

Part No.	Head Dia. (mm)	LOC (mm)	Shank (mm)	OAL (mm)	ISO Cut	Shape
	D1	L1	D2	L2		
D141140023	2.3	8	2.35	44.5	140	Cylindrical Domed End
D144140023	2.3	15	2.35	44.5	140	Cylindrical Domed End
D187140023	2.3	15	2.35	44.5	140	Conical Side-Cutting Only
D187140060	6	14	2.35	52	140	Conical Side-Cutting Only
D198140023	2.3	8	2.35	44.5	140	Conical Domed End (Neck)
D199140023	2.3	11.5	2.35	44.5	140	Conical Domed End (No Neck)
D199140031	3.1	11.5	2.35	44.5	140	Conical Domed End
D200140040	4	13	2.35	51	140	Conical Domed End
D200140045	4.5	13	2.35	51	140	Conical Domed End
D200140060	6	13	2.35	51	140	Conical Domed End
D201140060	6	14	2.35	52	140	Conical Domed End
D237140023	2.3	5.5	2.35	44.5	140	Pear
D237140029	2.9	5.5	2.35	44.5	140	Pear
D257140060	6	12	2.35	50	140	Bud Slender
D275140060	6	14	2.35	52	140	Bullet
D277140023	2.3	3.8	2.35	44.5	140	Egg
D289140023	2.3	8	2.35	44.5	140	Torpedo Cylindrical (Neck)
D292140023	2.3	15	2.35	44.5	140	Torpedo Cylindrical (No Neck)

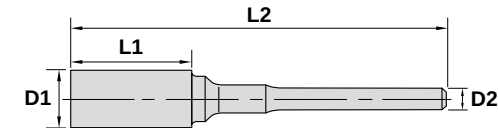
CUTTING EDGE TOLERANCE < 3mm ±0.1mm
CUTTING EDGE TOLERANCE > 3mm ±0.3mm
2.35mm SHANK TOLERANCE +0.000/-0.013mm

Fine Double Left Cut ISO 142

Plaster/Acrylic/Precious & Non-precious Metals: Trimming, Corrections, Shaping

Part No.	Head Dia. (mm)	LOC (mm)	Shank (mm)	OAL (mm)	ISO Cut	Shape
	D1	L1	D2	L2		
D200142040	4	13	2.35	51	142	Conical Domed End LEFT CUT

CUTTING EDGE TOLERANCE < 3mm ±0.1mm
CUTTING EDGE TOLERANCE > 3mm ±0.3mm
2.35mm SHANK TOLERANCE +0.000/-0.013mm



Fine Double Cut ISO 140

Plaster/Acrylic/Precious & Non-precious Metals: Trimming, Corrections, Shaping



Fine Double Left Cut ISO 142

Plaster/Acrylic/Precious & Non-precious Metals: Trimming, Corrections, Shaping



Fine Double Upcut with Chipbreaker ISO 145

Precious & Non-precious Metals: Trimming, Corrections, Shaping

Part No.	Head Dia. (mm)	LOC (mm)	Shank (mm)	OAL (mm)	ISO Cut	Shape
	D1	L1	D2	L2		
D141145023	2.3	8	2.35	44.5	145	Cylindrical Domed End
D198145023	2.3	8	2.35	44.5	145	Conical Domed End (Neck)
D200145040	4	13	2.35	51	145	Conical Domed End
D200145060	6	13	2.35	51	145	Conical Domed End
D237145023	2.3	5.5	2.35	44.5	145	Pear
D273145040	4	9	2.35	47	145	Bullet
D275145060	6	14	2.35	52	145	Bullet
D277145014	1.4	2.9	2.35	44.5	145	Egg
D289145023	2.3	8	2.35	44.5	145	Torpedo Cylindrical (Neck)

CUTTING EDGE TOLERANCE < 3mm $\pm 0.1\text{mm}$
CUTTING EDGE TOLERANCE > 3mm $\pm 0.3\text{mm}$
2.35mm SHANK TOLERANCE +0.000/-0.013mm

Fine Straight Cut with Chipbreaker ISO 132

Dentures/Titanium Implants: Trimming

Part No.	Head Dia. (mm)	LOC (mm)	Shank (mm)	OAL (mm)	ISO Cut	Shape
	D1	L1	D2	L2		
D141132023	2.3	8	2.35	44.5	132	Cylindrical Domed End
D200132040	4	13	2.35	51	132	Conical Domed End
D275132060	6	14	2.35	52	132	Bullet
D289132023	2.3	8	2.35	44.5	132	Torpedo Cylindrical (Neck)

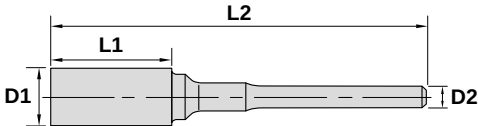
CUTTING EDGE TOLERANCE < 3mm $\pm 0.1\text{mm}$
CUTTING EDGE TOLERANCE > 3mm $\pm 0.3\text{mm}$
2.35mm SHANK TOLERANCE +0.000/-0.013mm

Fine Double Upcut ISO 144

Acrylic/Ceramics: Trimming, Corrections, Shaping

Part No.	Head Dia. (mm)	LOC (mm)	Shank (mm)	OAL (mm)	ISO Cut	Shape
	D1	L1	D2	L2		
D198144023	2.3	8	2.35	44.5	144	Conical Domed End (Neck)
D289144023	2.3	8	2.35	44.5	144	Torpedo Cylindrical (Neck)

CUTTING EDGE TOLERANCE < 3mm $\pm 0.1\text{mm}$
CUTTING EDGE TOLERANCE > 3mm $\pm 0.3\text{mm}$
2.35mm SHANK TOLERANCE +0.000/-0.013mm



Fine Double Upcut with Chipbreaker ISO 145

Precious & Non-precious Metals: Trimming, Corrections, Shaping



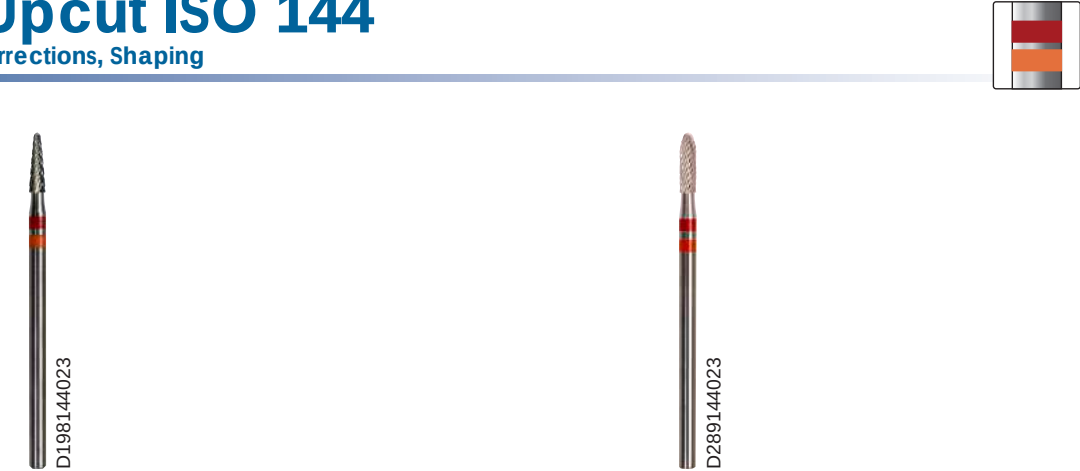
Fine Straight Cut with Chipbreaker ISO 132

Dentures/Titanium Implants: Trimming



Fine Double Upcut ISO 144

Acrylic/Ceramics: Trimming, Corrections, Shaping

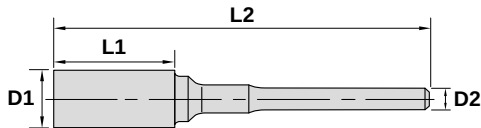


Medium Single Cut ISO 175

Plaster/Acrylic/Precious & Non-precious Metals: Trimming

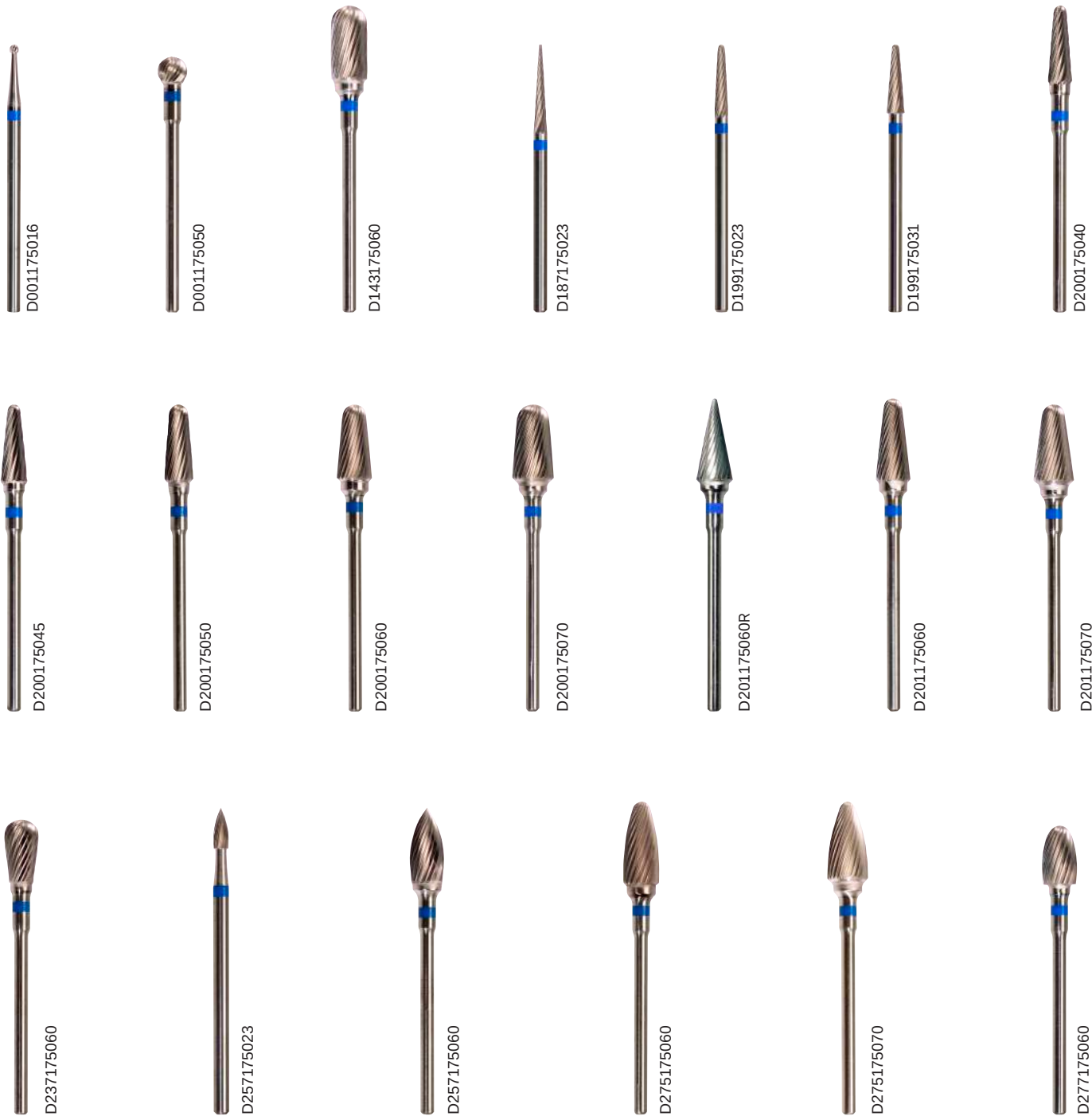
Part No.	Head Dia. (mm)	LOC (mm)	Shank (mm)	OAL (mm)	ISO Cut	Shape
	D1	L1	D2	L2		
D001175016	1.6	1.4	2.35	44.5	175	Ball
D001175050	5	4.5	2.35	42.5	175	Ball
D143175060	6	13	2.35	51	175	Cylindrical Domed End
D187175023	2.3	15	2.35	44.5	175	Conical Side-Cutting Only
D199175023	2.3	11.5	2.35	44.5	175	Conical Domed End (No Neck)
D199175031	3.1	11.5	2.35	44.5	175	Conical Domed End
D200175040	4	13	2.35	51	175	Conical Domed End
D200175045	4.5	13	2.35	51	175	Conical Domed End
D200175050	5	13	2.35	51	175	Conical Domed End
D200175060	6	13	2.35	51	175	Conical Domed End
D200175070	7	13	2.35	51	175	Conical Domed End
D201175060R	6	14	2.35	52	175	Conical Domed End
D201175060	6	14	2.35	52	175	Conical Domed End
D201175070	7	14	2.35	52	175	Conical Domed End
D237175060	6	11	2.35	49	175	Pear
D257175023	2.3	6	2.35	44.5	175	Bud Slender
D257175060	6	12	2.35	50	175	Bud Slender
D275175060	6	14	2.35	52	175	Bullet
D275175070	7	14	2.35	52	175	Bullet
D277175060	6	10	2.35	48	175	Egg

CUTTING EDGE TOLERANCE < 3mm $\pm 0.1\text{mm}$
CUTTING EDGE TOLERANCE > 3mm $\pm 0.3\text{mm}$
2.35mm SHANK TOLERANCE +0.000/-0.013mm



Medium Single Cut ISO 175

Plaster/Acrylic/Precious & Non-precious Metals: Trimming

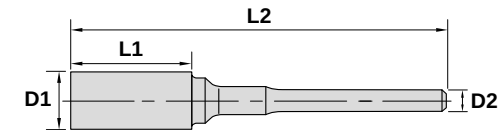


Medium Double Cut ISO 190

Plaster/Acrylic/Precious & Non-precious Metals: Trimming, Corrections

Part No.	Head Dia. (mm)	LOC (mm)	Shank (mm)	OAL (mm)	ISO Cut	Shape
	D1	L1	D2	L2		
D001190014	1.4	1.25	2.35	44.5	190	Ball
D001190023	2.3	2.1	2.35	44.5	190	Ball
D001190027	2.7	2.5	2.35	44.5	190	Ball
D001190031	3.1	2.6	2.35	44.5	190	Ball
D001190040	4	3.5	2.35	41.5	190	Ball
D001190050	5	4.5	2.35	42.5	190	Ball
D001190060	6	5.5	2.35	43.5	190	Ball
D001190070	7	6.5	2.35	44.5	190	Ball
D123190023	2.3	15	2.35	44.5	190	Cylindrical Side-Cutting Only
D143190060	6	13	2.35	51	190	Cylindrical Domed End
D144190023	2.3	15	2.35	44.5	190	Cylindrical Domed End
D187190023	2.3	15	2.35	44.5	190	Conical Side-Cutting Only
D198190023	2.3	8	2.35	44.5	190	Conical Domed End (Neck)
D198190040	4	8	2.35	46	190	Conical Domed
D199190023	2.3	11.5	2.35	44.5	190	Conical Domed End (No Neck)
D199190031	3.1	11.5	2.35	44.5	190	Conical Domed End
D200190040	4	13	2.35	51	190	Conical Domed End
D200190045	4.5	13	2.35	51	190	Conical Domed End
D200190050	5	13	2.35	51	190	Conical Domed End
D200190060	6	13	2.35	51	190	Conical Domed End
D200190070	7	13	2.35	51	190	Conical Domed End
D201190060R	6	14	2.35	52	190	Conical Domed End
D201190060	6	14	2.35	52	190	Conical Domed End
D225190016	1.6	4	2.35	44.5	190	Inverted Conical
D225190023	2.3	5.5	2.35	44.5	190	Inverted Conical
D225190060	6	8	2.35	46	190	Inverted Conical
D237190060	6	11	2.35	49	190	Pear
D237190023	2.3	5.5	2.35	44.5	190	Pear
D237190029	2.9	5.5	2.35	44.5	190	Pear
D237190040	4	9	2.35	47	190	Pear
D257190023	2.3	6	2.35	44.5	190	Bud Slender
D257190040	4	9	2.35	47	190	Bud Slender
D257190060	6	12	2.35	50	190	Bud Slender
D273190040	4	9	2.35	47	190	Bullet
D275190040	4	13	2.35	51	190	Bullet
D275190060	6	14	2.35	52	190	Bullet
D275190070	7	14	2.35	52	190	Bullet
D277190023	2.3	3.8	2.35	44.5	190	Egg
D277190040	4	6	2.35	44	190	Egg
D277190060	6	10	2.35	48	190	Egg
D289190023	2.3	8	2.35	44.5	190	Torpedo Cylindrical (Neck)
D292190023	2.3	15	2.35	44.5	190	Torpedo Cylindrical (No Neck)
D110190040	4	6	2.35	44	190	Cylindrical Side and End-Cutting

CUTTING EDGE TOLERANCE < 3mm ±0.1mm
CUTTING EDGE TOLERANCE > 3mm ±0.3mm
2.35mm SHANK TOLERANCE +0.000/-0.013mm



Medium Double Cut ISO 190

Plaster/Acrylic/Precious & Non-precious Metals: Trimming, Corrections



Medium Double Left Cut ISO 192

Plaster/Acrylic/Precious & Non-precious Metals: Trimming

Part No.	Head Dia. (mm)	LOC (mm)	Shank (mm)	OAL (mm)	ISO Cut	Shape
	D1	L1	D2	L2		
D199192023	2.3	11.5	2.35	44.5	192	Conical Domed End (No Neck)
D200192040	4	13	2.35	51	192	Conical Domed End
D292192023	2.3	15	2.35	44.5	192	Torpedo Cylindrical (No Neck)

CUTTING EDGE TOLERANCE < 3mm ±0.1mm
CUTTING EDGE TOLERANCE > 3mm ±0.3mm
2.35mm SHANK TOLERANCE +0.000/-0.013mm

Medium Straight Cut With Chipbreaker ISO 172

Dentures: Trimming

Part No.	Head Dia. (mm)	LOC (mm)	Shank (mm)	OAL (mm)	ISO Cut	Shape
	D1	L1	D2	L2		
D199172023	2.3	11.5	2.35	44.5	172	Conical Domed End (No Neck)
D200172040	4	13	2.35	51	172	Conical Domed End
D200172060	6	13	2.35	51	172	Conical Domed End
D200172070	7	13	2.35	51	172	Conical Domed End
D201172070	7	14	2.35	52	172	Conical Domed End
D275172060	6	14	2.35	52	172	Bullet

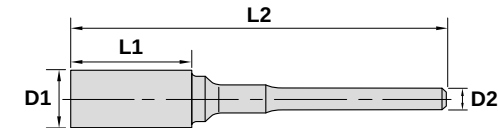
CUTTING EDGE TOLERANCE < 3mm ±0.1mm
CUTTING EDGE TOLERANCE > 3mm ±0.3mm
2.35mm SHANK TOLERANCE +0.000/-0.013mm

Medium Single Cut With Chipbreaker ISO 176

Acrylic: Trimming

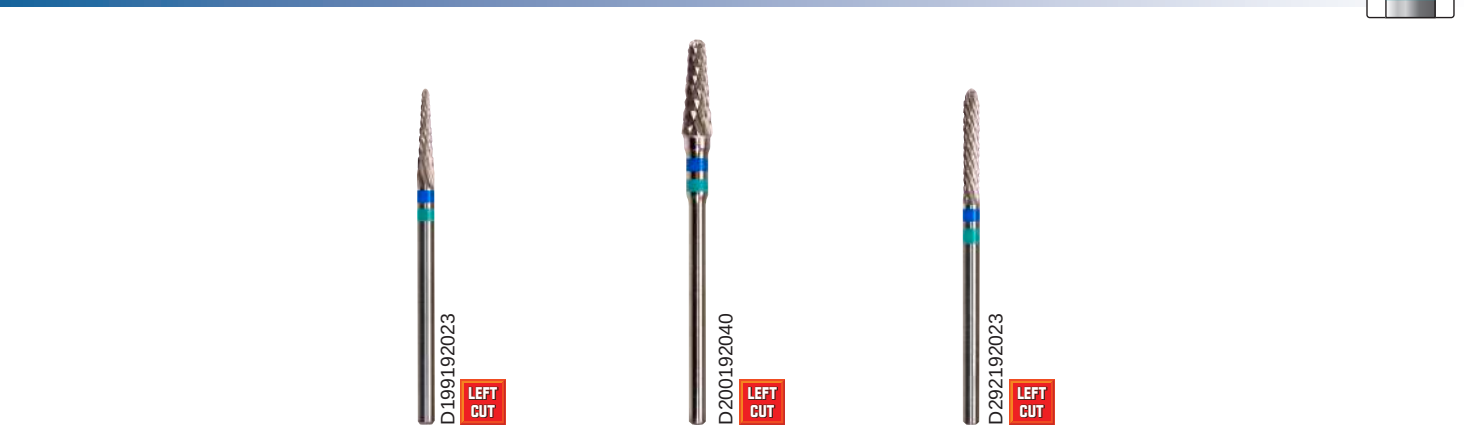
Part No.	Head Dia. (mm)	LOC (mm)	Shank (mm)	OAL (mm)	ISO Cut	Shape
	D1	L1	D2	L2		
D200176040	4	13	2.35	51	176	Conical Domed End
D200176060	6	13	2.35	51	176	Conical Domed End
D272176016	1.6	3.5	2.35	44.5	176	Bullet
D275176060	6	14	2.35	52	176	Bullet

CUTTING EDGE TOLERANCE < 3mm ±0.1mm
CUTTING EDGE TOLERANCE > 3mm ±0.3mm
2.35mm SHANK TOLERANCE +0.000/-0.013mm



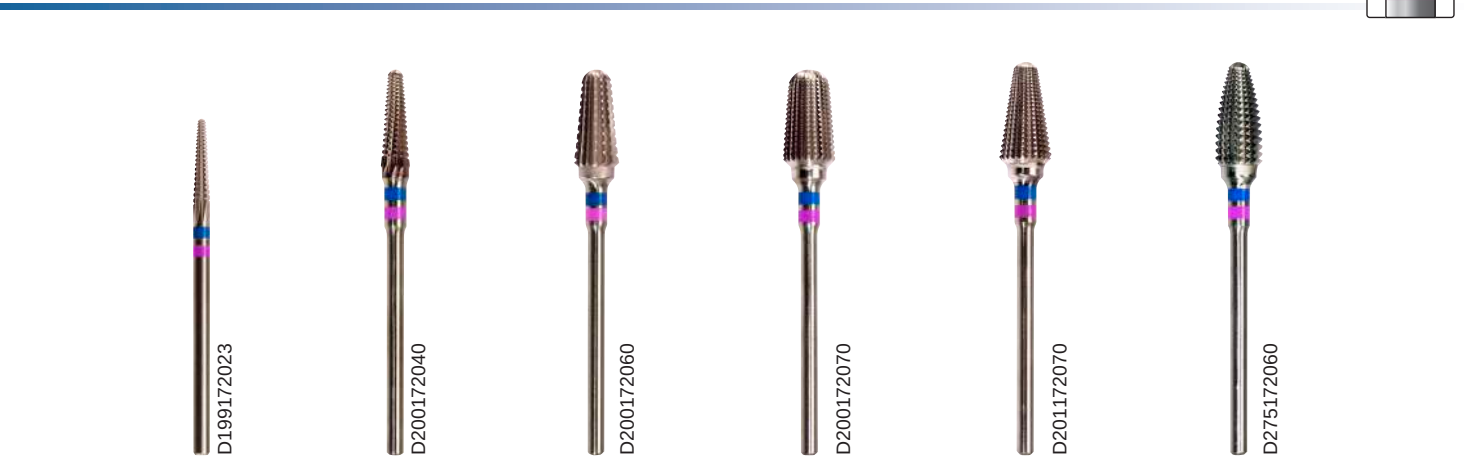
Medium Double Left Cut ISO 192

Plaster/Acrylic/Precious & Non-precious Metals: Trimming



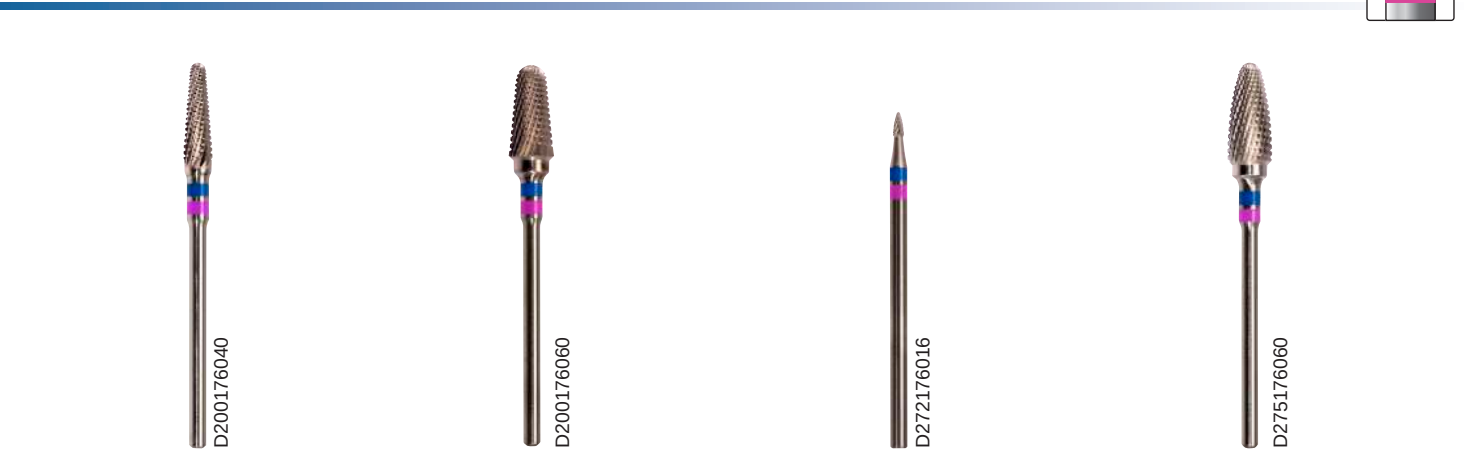
Medium Straight Cut With Chipbreaker ISO 172

Dentures: Trimming



Medium Single Cut With Chipbreaker ISO 176

Acrylic: Trimming



Coarse Single Cut ISO 215

Plaster: Bulk material reduction

Part No.	Head Dia. (mm)	LOC (mm)	Shank (mm)	OAL (mm)	ISO Cut	Shape
	D1	L1	D2	L2		
D143215060	6	13	2.35	51	215	Cylindrical Domed End
D143215070	7	13	2.35	51	215	Cylindrical Domed End
D200215045	4.5	13	2.35	51	215	Conical Domed End
D200215050	5	13	2.35	51	215	Conical Domed End
D200215070	7	13	2.35	51	215	Conical Domed End
D200215060	6	13	2.35	51	215	Conical Domed End
D257215060	6	12	2.35	50	215	Bud Slender
D275215060	6	14	2.35	52	215	Bullet

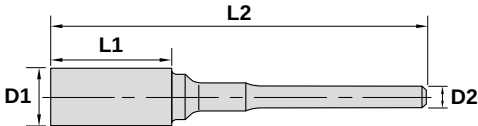
CUTTING EDGE TOLERANCE < 3mm $\pm 0.1\text{mm}$
CUTTING EDGE TOLERANCE > 3mm $\pm 0.3\text{mm}$
2.35mm SHANK TOLERANCE $+0.000/-0.013\text{mm}$

Coarse Double Cut ISO 220

Plaster: Bulk material reduction

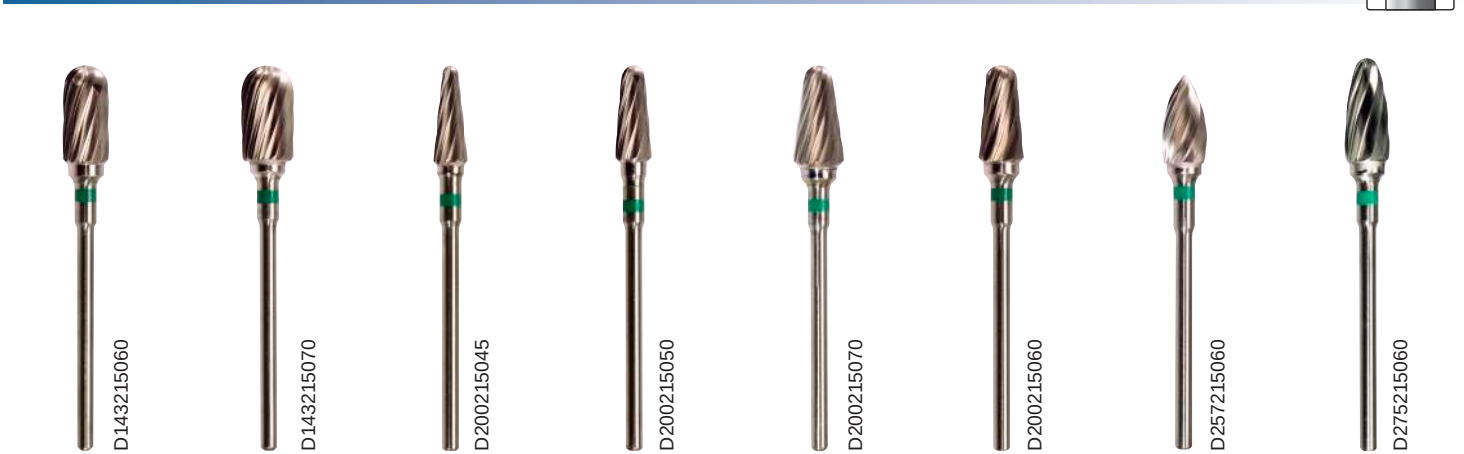
Part No.	Head Dia. (mm)	LOC (mm)	Shank (mm)	OAL (mm)	ISO Cut	Shape
	D1	L1	D2	L2		
D143220060	6	13	2.35	51	220	Cylindrical Domed End
D200220045	4.5	13	2.35	51	220	Conical Domed End
D200220050	5	13	2.35	51	220	Conical Domed End
D200220060	6	13	2.35	51	220	Conical Domed End
D200220070	7	13	2.35	51	220	Conical Domed End
D201220060	6	14	2.35	52	220	Conical Domed End
D201220070	7	14	2.35	52	220	Conical Domed End
D237220060	6	11	2.35	49	220	Pear
D257220060	6	12	2.35	50	220	Bud Slender
D275220060	6	14	2.35	52	220	Bullet

CUTTING EDGE TOLERANCE < 3mm $\pm 0.1\text{mm}$
CUTTING EDGE TOLERANCE > 3mm $\pm 0.3\text{mm}$
2.35mm SHANK TOLERANCE $+0.000/-0.013\text{mm}$



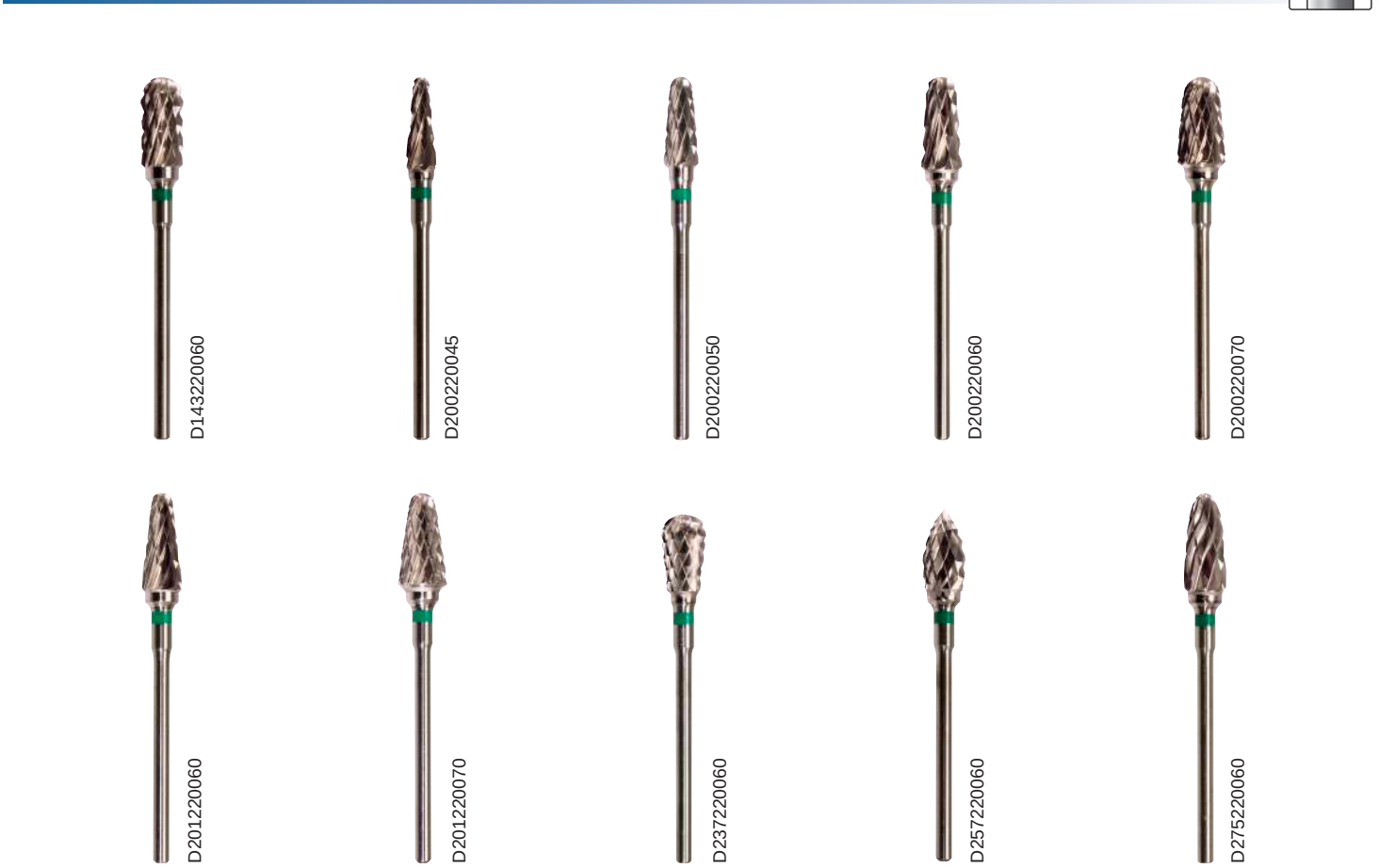
Coarse Single Cut ISO 215

Plaster: Bulk material reduction



Coarse Double Cut ISO 220

Plaster: Bulk material reduction



Very Coarse Double Cut ISO 223

Plaster: Bulk material reduction

Part No.	Head Dia. (mm)	LOC (mm)	Shank (mm)	OAL (mm)	ISO Cut	Shape
	D1	L1	D2	L2		
D200223050	5	13	2.35	51	223	Conical Domed End
D201223070	7	14	2.35	52	223	Conical Domed End

CUTTING EDGE TOLERANCE < 3mm $\pm 0.1\text{mm}$
CUTTING EDGE TOLERANCE > 3mm $\pm 0.3\text{mm}$
2.35mm SHANK TOLERANCE $+0.000/-0.013\text{mm}$

Very Coarse Double Cut ISO 223

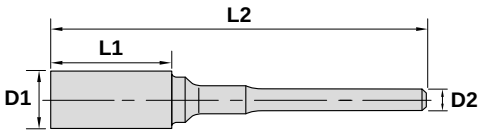
Plaster: Bulk material reduction



D200223050



D201223070



MasterCut

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