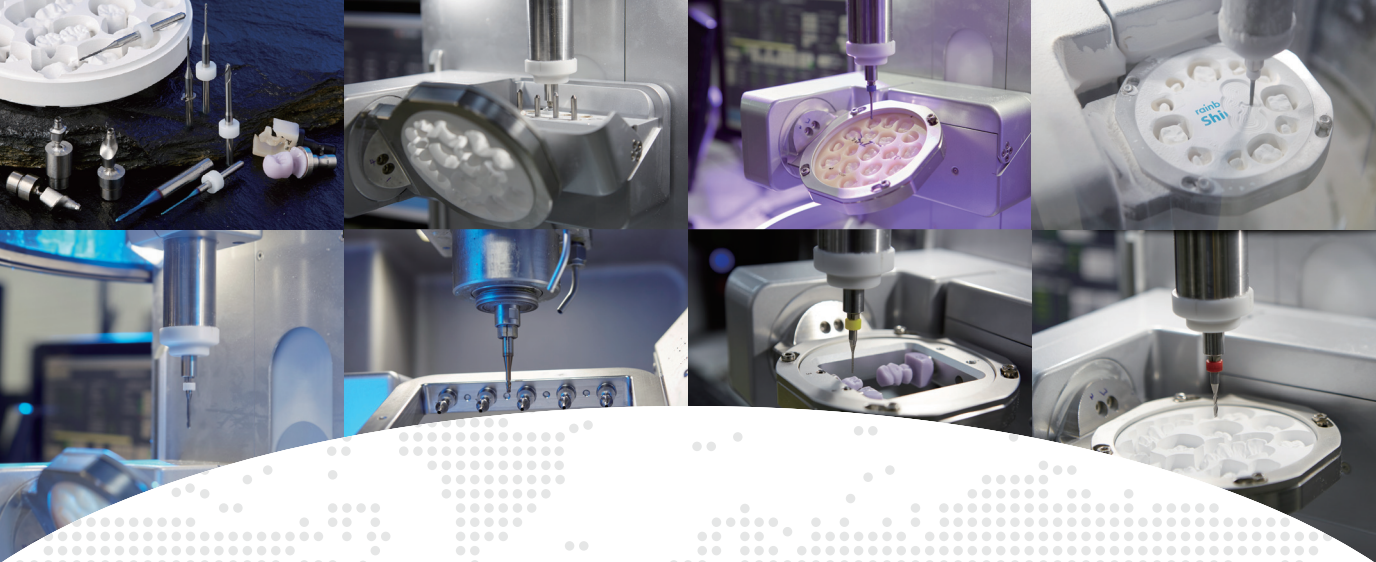




vol.5

DENTAL MILLING BURS

We design the future





Company History



11 Establishment of an affiliated research institute

10 S-PRO / AL-PRO end mill launched

2016

12 Obtaining the CE certification

07 The 20th anniversary of Hansong M&T

01 Initiated the production of X-PRO end mill

2019

07 Selected as a family company by the Korea Atomic Energy Research Institute

05 Selected as a partner company by the Korea Institute of Production and Technology

01 Signed a business agreement with Swedish hydraulic chuck manufacturer 'ETP'

2021

07 Performance upgrade of dental tools or glass ceramic processing

05 Performance upgrade of dental tools for zirconia processing

2023

2015

06 Mass production of glass ceramic milling tools

2018

07 ISO 13485 certification

06 Initiated the production of R-PRO end mill

2020

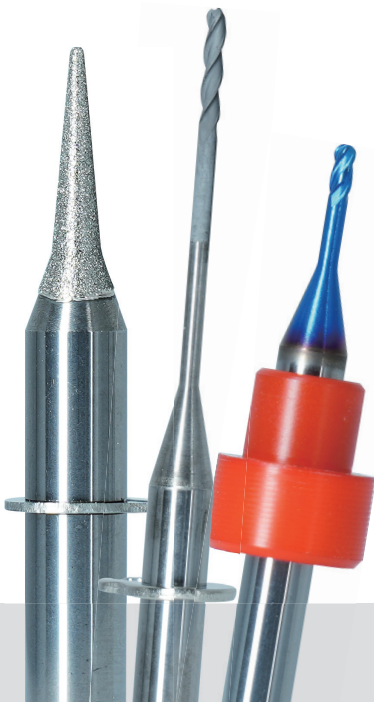
01 Designated as promising small and medium-sized enterprises for export

2022

12 Awarded the \$3 Million Export Tower

11 Commendation from the Minister of Trade, Industry and Energy

03 Patent registration of cutting tool



Main Size ✓

Workpiece

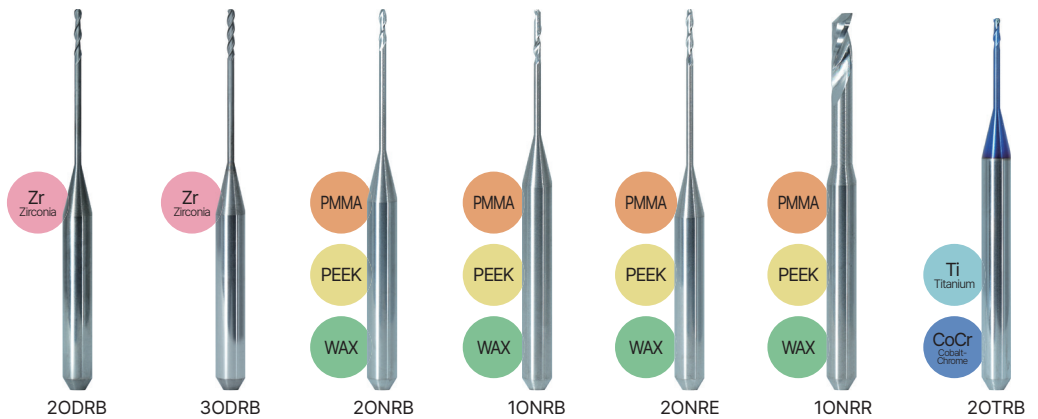


Coating

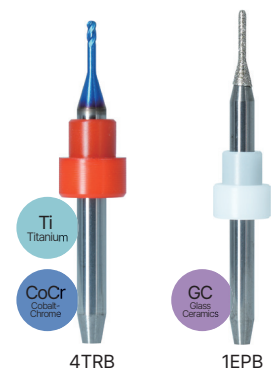


Model No.	Workpiece	Type	No. of Flutes	Cutting Diameter (D)	Effective Length (L1)	Shank Diameter (d)	Overall Length (L)	Coating
Applicable Machine : DWX-4 / 50 / 51 / 52								
✓ 2ODRB-006-082-450	●	Ball	2	0.6	8.2	4	50	■
✓ 2ODRB-010-200-450	●	Ball	2	1	20	4	50	■
✓ 2ODRB-020-200-450	●	Ball	2	2	20	4	50	■
2ODRB-006-060-450	●	Ball	2	0.6	6	4	50	■
2ODRB-006-140-450	●	Ball	2	0.6	14	4	50	■
2ODRB-010-120-450	●	Ball	2	1	12	4	50	■
2ODRB-010-160-450	●	Ball	2	1	16	4	50	■
2ODRB-020-140-450	●	Ball	2	2	14	4	50	■
2ODRB-030-200-450	●	Ball	2	3	20	4	50	■
3ODRB-010-160-450	●	Ball	3	1	16	4	50	■
3ODRB-010-200-450	●	Ball	3	1	20	4	50	■
3ODRB-020-200-450	●	Ball	3	2	20	4	50	■
3ODRB-030-200-450	●	Ball	3	3	20	4	50	■
✓ 2ONRB-006-060-450	●●●	Ball	2	0.6	6	4	50	-
✓ 2ONRB-010-180-450	●●●	Ball	2	1	18	4	50	-
✓ 2ONRB-020-200-450	●●●	Ball	2	2	20	4	50	-
2ONRB-003-031-450	●●●	Ball	2	0.3	3.1	4	50	-
2ONRB-008-096-450	●●●	Ball	2	0.8	9.6	4	50	-
2ONRB-010-120-450	●●●	Ball	2	1	12	4	50	-
2ONRB-020-140-450	●●●	Ball	2	2	14	4	50	-
1ONRB-006-060-450	●●●	Ball	1	0.6	6	4	50	-
1ONRB-006-140-450	●●●	Ball	1	0.6	14	4	50	-
1ONRB-010-160-450	●●●	Ball	1	1	16	4	50	-
1ONRB-010-200-450	●●●	Ball	1	1	20	4	50	-
1ONRB-020-200-450	●●●	Ball	1	2	20	4	50	-
1ONRB-030-200-450	●●●	Ball	1	3	20	4	50	-
✓ 2ONRE-010-200-450	●●●	Flat	2	1	20	4	50	-
✓ 2ONRE-020-200-450	●●●	Flat	2	2	20	4	50	-
✓ 1ONRR-030-R02-200-450	●●●	Corner R	1	3	20	4	50	-
2OTRB-006-060-450	●●	Ball	2	0.6	6	4	50	■
2OTRB-010-120-450	●●	Ball	2	1	12	4	50	■
2OTRB-020-140-450	●●	Ball	2	2	14	4	50	■
Applicable Machine : DWX-42W								
✓ 4TRB-010-050-333-RING-RO	●●	Ball	4	1	5	3	33	■
✓ 4TRB-020-080-333-RING-RO	●●	Ball	4	2	8	3	33	■
✓ 4TRB-030-100-333-RING-RO	●●	Ball	4	3	10	3	33	■
✓ 1EPB-005-100-340-RING-SP	●	Ball	1	0.5	-	3	40	■
✓ 1EPB-010-060-340-RING-SP	●	Ball	1	1	-	3	40	■
✓ 1EPB-025-160-340-RING-SP	●	Ball	1	2.5	-	3	40	■
✓ 1EPB-015-080-340-RING-RO	●	Ball	1	1.5	-	3	40	■
✓ 1EPB-025-080-332-RING-RO	●	Ball	1	2.5	-	3	32	■

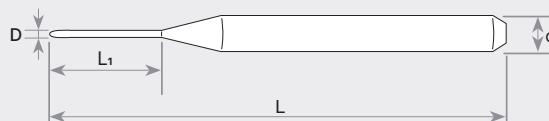
Applicable Machine

DWX-4 / 50 / 51 / 52

Applicable Machine

DWX-42W

Dimension Guide



Main Size ✓

Workpiece

Zr
Zirconia

PMMA

PEEK

WAX

Ti
Titanium

CoCr
Cobalt-Chrome

GC
Glass Ceramics

Coating

Diamond

Tyson

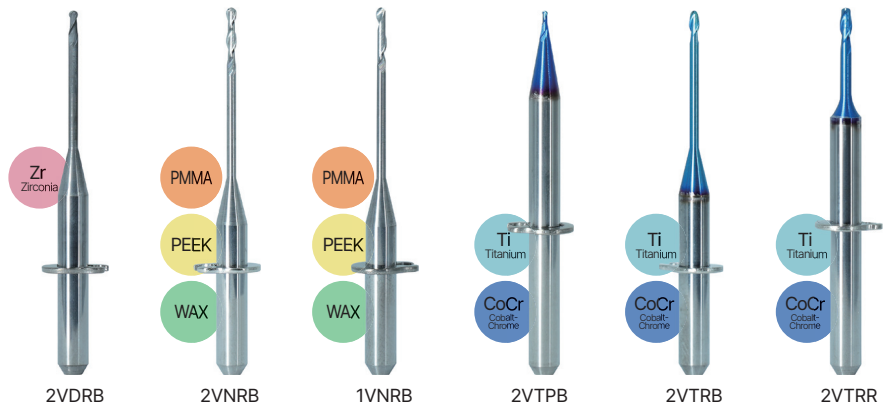
Electro-Plated Diamond

K
DLC

Model No.	Workpiece	Type	No. of Flutes	Cutting Diameter (D)	Effective Length (L1)	Shank Diameter (d)	Overall Length (L)	Coating
Applicable Machine : K4, N4, Z4								
✓ 2VDRB-006-088-335-RING	●	Ball	2	0.6	8.8	3	35	■
✓ 2VDRB-010-160-335-RING	●	Ball	2	1	16	3	35	■
✓ 2VDRB-020-160-335-RING	●	Ball	2	2	16	3	35	■
2VDRB-006-050-335-RING	●	Ball	2	0.6	5	3	35	■
2VDRB-010-130-335-RING	●	Ball	2	1	13	3	35	■
✓ 2VNRB-006-088-335-RING	●●●	Ball	2	0.6	8.8	3	35	-
✓ 2VNRB-010-160-335-RING	●●●	Ball	2	1	16	3	35	-
✓ 2VNRB-020-160-335-RING	●●●	Ball	2	2	16	3	35	-
1VNRB-006-070-335-RING	●●●	Ball	1	0.6	7	3	35	-
1VNRB-006-110-335-RING	●●●	Ball	1	0.6	11	3	35	-
1VNRB-010-160-335-RING	●●●	Ball	1	1	16	3	35	-
1VNRB-020-170-335-RING	●●●	Ball	1	2	17	3	35	-
2VNRB-006-030-335-RING	●●●	Ball	2	0.6	3	3	35	-
2VNRB-006-070-335-RING	●●●	Ball	2	0.6	7	3	35	-
2VNRB-006-110-335-RING	●●●	Ball	2	0.6	11	3	35	-
2VNRB-010-130-335-RING	●●●	Ball	2	1	13	3	35	-
2VNRB-020-170-335-RING	●●●	Ball	2	2	17	3	35	-
3VNRB-010-160-335-RING	●●●	Ball	3	1	16	3	35	-
3VNRB-020-170-335-RING	●●●	Ball	3	2	17	3	35	-
✓ 2VTPB-006-012-332-RING	●●	Ball	2	0.6	-	3	32	■
✓ 2VTPB-006-012-335-RING	●●	Ball	2	0.6	-	3	35	■
✓ 2VTRB-010-080-332-RING	●●	Ball	2	1	8	3	32	■
✓ 2VTRB-010-130-335-RING	●●	Ball	2	1	13	3	35	■
✓ 2VTRB-020-160-335-RING	●●	Ball	2	2	16	3	35	■
✓ 2VTRR-012-R012-080-332-RING	●●	Corner R	2	1.2	8	3	32	■
✓ 2VTRR-012-R012-080-335-RING	●●	Corner R	2	1.2	8	3	35	■
Applicable Machine : N4, R5, S1, S2, Z4								
✓ 1VEVR-006-055-335-RING	●	Ball	1	0.6	-	3	35	■
✓ 1VERB-010-080-335-RING	●	Ball	1	1	-	3	35	■
✓ 1VERB-024-160-335-RING	●	Ball	1	2.4	-	3	35	■



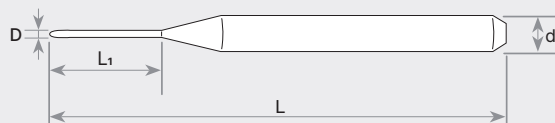
Applicable Machine

K4, N4, Z4

Applicable Machine

N4, R5, S1, S2, Z4

Dimension Guide



Main Size ✓

Workpiece

Zr
Zirconia

PMMA

PEEK

WAX

Ti
Titanium

CoCr
Cobalt-Chrome

GC
Glass Ceramics

Coating

Diamond

Tyson

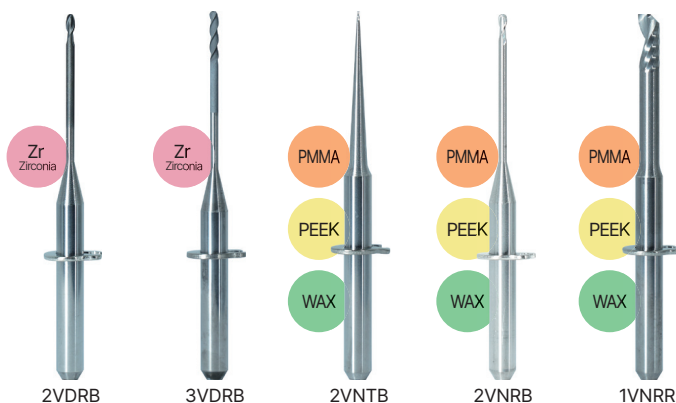
Electro-Plated
Diamond

K
DLC

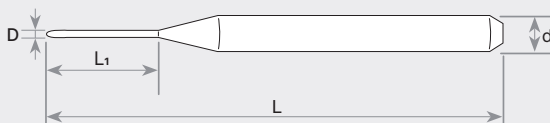
Model No.	Workpiece	Type	No. of Flutes	Cutting Diameter (D)	Effective Length (L1)	Shank Diameter (d)	Overall Length (L)	Coating
Applicable Machine : K5, R5, S1, S2								
✓ 2VDRB-006-110-340-RING	●	Ball	2	0.6	11	3	40	■
✓ 2VDRB-010-160-340-RING	●	Ball	2	1	16	3	40	■
✓ 2VDRB-020-160-340-RING	●	Ball	2	2	16	3	40	■
✓ 3VDRB-020-160-340-RING	●	Ball	3	2	16	3	40	■
2VDRB-006-030-340-RING	●	Ball	2	0.6	3	3	40	■
2VDRB-006-070-340-RING	●	Ball	2	0.6	7	3	40	■
2VDRB-006-088-340-RING	●	Ball	2	0.6	8.8	3	40	■
2VDRB-010-170-340-RING	●	Ball	2	1	17	3	40	■
2VDRB-020-170-340-RING	●	Ball	2	2	17	3	40	■
3VDRB-010-170-340-RING	●	Ball	3	1	17	3	40	■
3VDRB-020-170-340-RING	●	Ball	3	2	17	3	40	■
✓ 2VNTB-003-160-340-RING	●●●	Taper	2	0.3	16	3	40	-
2VNRB-006-030-340-RING	●●●	Ball	2	0.6	3	3	40	-
✓ 2VNRB-006-088-340-RING	●●●	Ball	2	0.6	8.8	3	40	-
✓ 2VNRB-010-160-340-RING	●●●	Ball	2	1	16	3	40	-
✓ 2VNRB-020-160-340-RING	●●●	Ball	2	2	16	3	40	-
✓ 1VNRR-025-R008-160-340-RING	●●●	Corner R	1	2.5	16	3	40	-

Applicable Machine

K5, R5, S1, S2



Dimension Guide



Main Size ✓

Workpiece

Zr
Zirconia

PMMA

PEEK

WAX

Ti
Titanium

CoCr
Cobalt-
Chrome

GC
Glass
Ceramics

Coating

Diamond

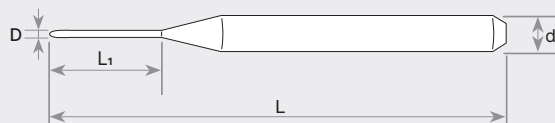
Tyson

Electro-
Plated
Diamond

K
DLC

Model No.	Workpiece	Type	No. of Flutes	Cutting Diameter (D)	Effective Length (L1)	Shank Diameter (d)	Overall Length (L)	Coating
Applicable Machine : Zenotec Select Hybrid								
✓ 2WDRB-007-070-340-RING	●	Ball	2	0.7	7	3	40	■
✓ 2WDRB-010-170-340-RING	●	Ball	2	1	17	3	40	■
✓ 2WDRB-020-170-340-RING	●	Ball	2	2	17	3	40	■
✓ 2WDRB-025-200-340-RING	●	Ball	2	2.5	20	3	40	■
2WDRB-006-070-340-RING	●	Ball	2	0.6	7	3	40	■
2WDRB-007-086-340-RING	●	Ball	2	0.7	8.6	3	40	■
2WDRB-010-130-340-RING	●	Ball	2	1	13	3	40	■
2WDRB-020-160-340-RING	●	Ball	2	2	16	3	40	■
2WDRB-025-150-340-RING	●	Ball	2	2.5	15	3	40	■
3WDRB-010-170-340-RING	●	Ball	3	1	17	3	40	■
3WDRB-020-170-340-RING	●	Ball	3	2	17	3	40	■
3WDRB-025-200-340-RING	●	Ball	3	2.5	20	3	40	■
✓ 2WNVB-003-018-340-RING	●●●	Taper	2	0.3	-	3	40	-
✓ 2WNRB-007-086-340-RING	●●●	Ball	2	0.7	8.6	3	40	-
✓ 2WNRB-010-130-340-RING	●●●	Ball	2	1	13	3	40	-
✓ 2WNRB-020-160-340-RING	●●●	Ball	2	2	16	3	40	-
✓ 2WNRB-025-150-340-RING	●●●	Ball	2	2.5	15	3	40	-
2WNRB-003-034-340-RING	●●●	Ball	2	0.3	3.4	3	40	-
1WNRB-006-070-340-RING	●●●	Ball	1	0.6	7	3	40	-
1WNRB-007-070-340-RING	●●●	Ball	1	0.7	7	3	40	-
1WNRB-010-170-340-RING	●●●	Ball	1	1	17	3	40	-
1WNRB-020-170-340-RING	●●●	Ball	1	2	17	3	40	-
1WNRB-025-200-340-RING	●●●	Ball	1	2.5	20	3	40	-
✓ 2WTRB-010-130-340-RING	●●	Ball	2	1	13	3	40	■
✓ 2WTRB-020-160-340-RING	●●	Ball	2	2	16	3	40	■
✓ 2WTRB-025-150-340-RING	●●	Ball	2	2.5	15	3	40	■
✓ 1WEPB-005-095-340-RING-OS	●	Ball	1	0.5	-	3	40	■
✓ 1WEPB-010-085-340-RING-OS	●	Ball	1	1	-	3	40	■
✓ 1WEPB-020-170-340-RING-OS	●	Ball	1	2	-	3	40	■
✓ 1WEPB-030-180-340-RING-OS	●	Ball	1	3	-	3	40	■

Dimension Guide



Main Size ✓

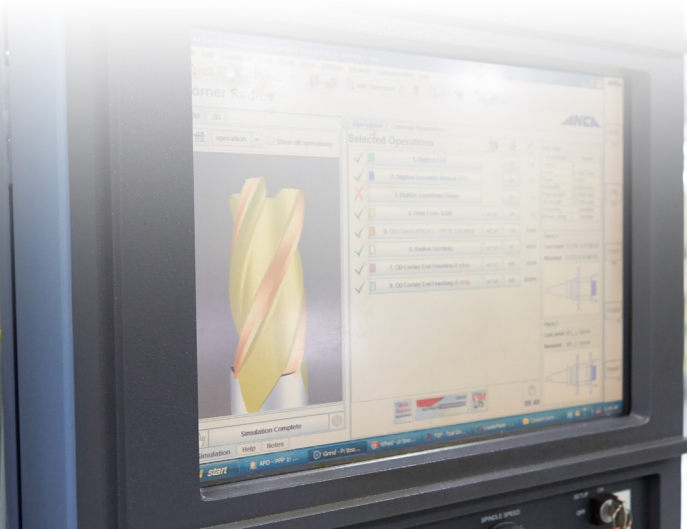
Workpiece



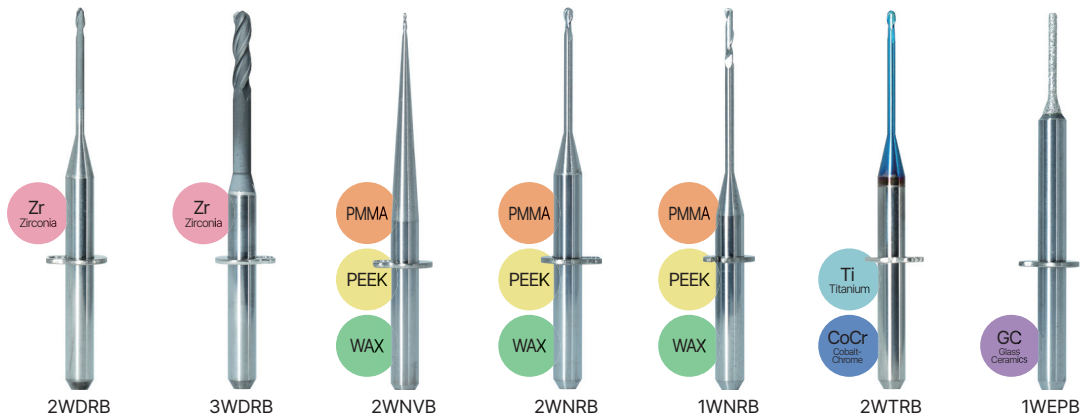
Coating



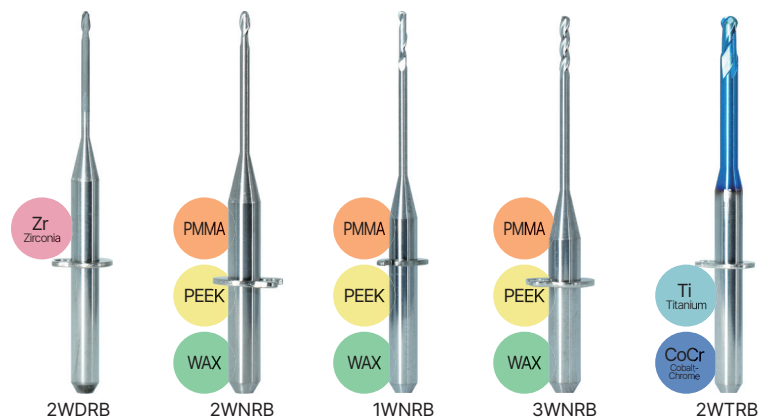
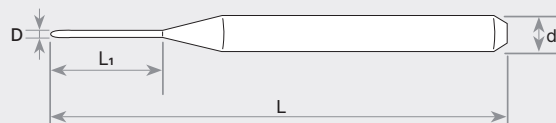
Model No.	Workpiece	Type	No. of Flutes	Cutting Diameter (D)	Effective Length (L1)	Shank Diameter (d)	Overall Length (L)	Coating
Applicable Machine : Zenotec Mini								
✓ 2WDRB-007-086-335-RING	●	Ball	2	0.7	3	8.6	35	■
✓ 2WDRB-010-130-335-RING	●	Ball	2	1	3	13	35	■
✓ 2WDRB-020-160-335-RING	●	Ball	2	2	3	16	35	■
✓ 2WDRB-025-150-335-RING	●	Ball	2	2.5	3	15	35	■
✓ 2WNRB-007-086-335-RING	●●●	Ball	2	0.7	3	8.6	35	-
✓ 2WNRB-010-130-335-RING	●●●	Ball	2	1	3	13	35	-
✓ 2WNRB-020-160-335-RING	●●●	Ball	2	2	3	16	35	-
✓ 2WNRB-025-150-335-RING	●●●	Ball	2	2.5	3	15	35	-
1WNRB-006-070-335-RING	●●●	Ball	1	0.6	3	7	35	-
1WNRB-007-070-335-RING	●●●	Ball	1	0.7	3	7	35	-
1WNRB-010-160-335-RING	●●●	Ball	1	1	3	16	35	-
1WNRB-020-170-335-RING	●●●	Ball	1	2	3	17	35	-
1WNRB-025-200-335-RING	●●●	Ball	1	2.5	3	20	35	-
2WNRB-003-034-335-RING	●●●	Ball	2	0.3	3	3.4	35	-
2WNRB-006-070-335-RING	●●●	Ball	2	0.6	3	7	35	-
2WNRB-007-070-335-RING	●●●	Ball	2	0.7	3	7	35	-
2WNRB-010-160-335-RING	●●●	Ball	2	1	3	16	35	-
2WNRB-020-170-335-RING	●●●	Ball	2	2	3	17	35	-
2WNRB-025-200-335-RING	●●●	Ball	2	2.5	3	20	35	-
3WNRB-010-160-335-RING	●●●	Ball	3	1	3	16	35	-
3WNRB-020-170-335-RING	●●●	Ball	3	2	3	17	35	-
3WNRB-025-200-335-RING	●●●	Ball	3	2.5	3	20	35	-
✓ 2WTRB-010-130-335-RING	●●	Ball	2	1	3	13	35	■
✓ 2WTRB-020-160-335-RING	●●	Ball	2	2	3	16	35	■
✓ 2WTRB-025-150-335-RING	●●	Ball	2	2.5	3	15	35	■



Applicable Machine

Zenotec Select Hybrid

Applicable Machine

Zenotec Mini**Dimension Guide**

Main Size ✓

Workpiece

Zr
Zirconia

PMMA

PEEK

WAX

Ti
Titanium

CoCr
Cobalt-Chrome

GC
Glass Ceramics

Coating

Diamond

Tyson

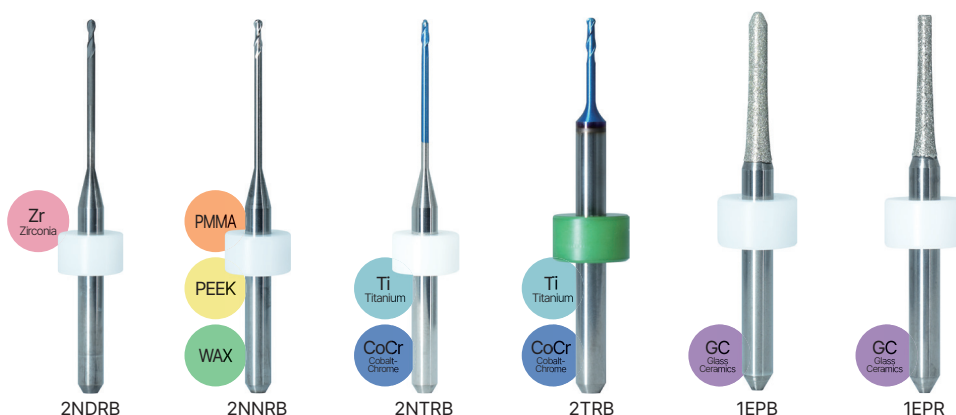
Electro-Plated Diamond

K
DLC

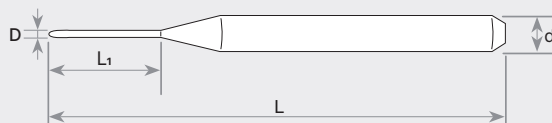
Model No.	Workpiece	Type	No. of Flutes	Cutting Diameter (D)	Effective Length (L1)	Shank Diameter (d)	Overall Length (L)	Coating
Applicable Machine : MCX5								
✓ 2NDRB-005-050-342-RING	●	Ball	2	0.5	5	3	42	■
✓ 2NDRB-010-170-343-RING	●	Ball	2	1	17	3	43	■
✓ 2NDRB-025-240-344-RING	●	Ball	2	2.5	24	3	44	■
✓ 2NNRB-005-050-342-RING	●●●	Ball	2	0.5	5	3	42	-
✓ 2NNRB-010-170-343-RING	●●●	Ball	2	1	17	3	43	-
✓ 2NNRB-025-240-344-RING	●●●	Ball	2	2.5	24	3	44	-
✓ 2NTRB-010-170-343-RING	●●	Ball	2	1	17	3	43	■
✓ 2NTRB-025-240-344-RING	●●	Ball	2	2.5	24	3	44	■
✓ 2TRB-010-080-338-RING-SR	●●	Ball	2	1	8	3	38	■
✓ 2TRB-020-120-339-RING-SR	●●	Ball	2	2	12	3	39	■
✓ 1EPB-006-R030-070-335-RING-SR	●	Ball	1	0.6	-	3	35	■
✓ 1EPB-012-R060-070-336-RING-SR	●	Ball	1	1.2	-	3	36	■
✓ 1EPR-014-R030-050-336-RING-SR	●	Ball	1	1.4	-	3	36	■
✓ 1EPR-022-R030-100-338-RING-SR	●	Ball	1	2.2	-	3	38	■

Applicable Machine

MCX5

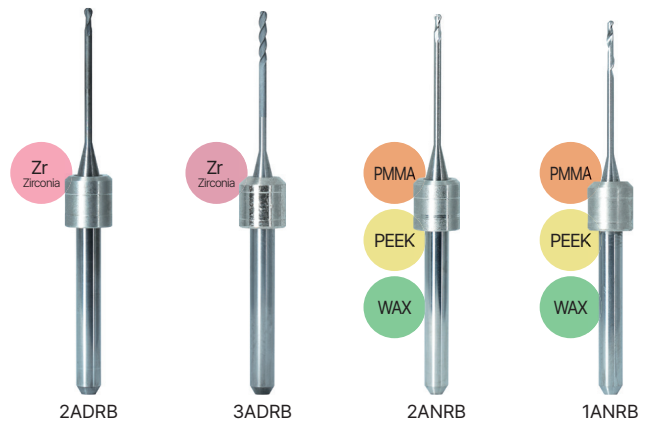


Dimension Guide

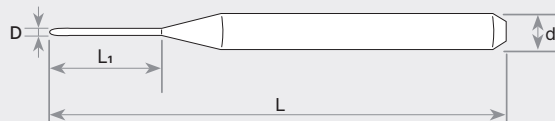


Main Size ✓ Workpiece Zr Zirconia PMMA PEEK WAX Ti Titanium CoCr Cobalt-Chrome GC Glass Ceramics Coating Diamond Tyson Electro-Plated Diamond K DLC

Model No.	Workpiece	Type	No. of Flutes	Cutting Diameter (D)	Effective Length (L1)	Shank Diameter (d)	Overall Length (L)	Coating
✓ 2ADRB-006-140-347-RING	●	Ball	2	0.6	14	3	47	■
✓ 2ADRB-010-160-347-RING	●	Ball	2	1	16	3	47	■
✓ 2ADRB-025-185-347-RING	●	Ball	2	2.5	18.5	3	47	■
2ADRB-006-070-347-RING	●	Ball	2	0.6	7	3	47	■
2ADRB-010-170-347-RING	●	Ball	2	1	17	3	47	■
2ADRB-025-170-347-RING	●	Ball	2	2.5	17	3	47	■
3ADRB-010-170-347-RING	●	Ball	3	1	17	3	47	■
3ADRB-025-170-347-RING	●	Ball	3	2.5	17	3	47	■
✓ 2ANRB-006-140-347-RING	● ● ●	Ball	2	0.6	14	3	47	-
✓ 2ANRB-010-160-347-RING	● ● ●	Ball	2	1	16	3	47	-
✓ 2ANRB-025-185-347-RING	● ● ●	Ball	2	2.5	18.5	3	47	-
1ANRB-006-070-347-RING	● ● ●	Ball	1	0.6	7	3	47	-
1ANRB-010-170-347-RING	● ● ●	Ball	1	1	17	3	47	-
1ANRB-025-170-347-RING	● ● ●	Ball	1	2.5	17	3	47	-



Dimension Guide



IMES-ICORE

Main Size ✓

Workpiece



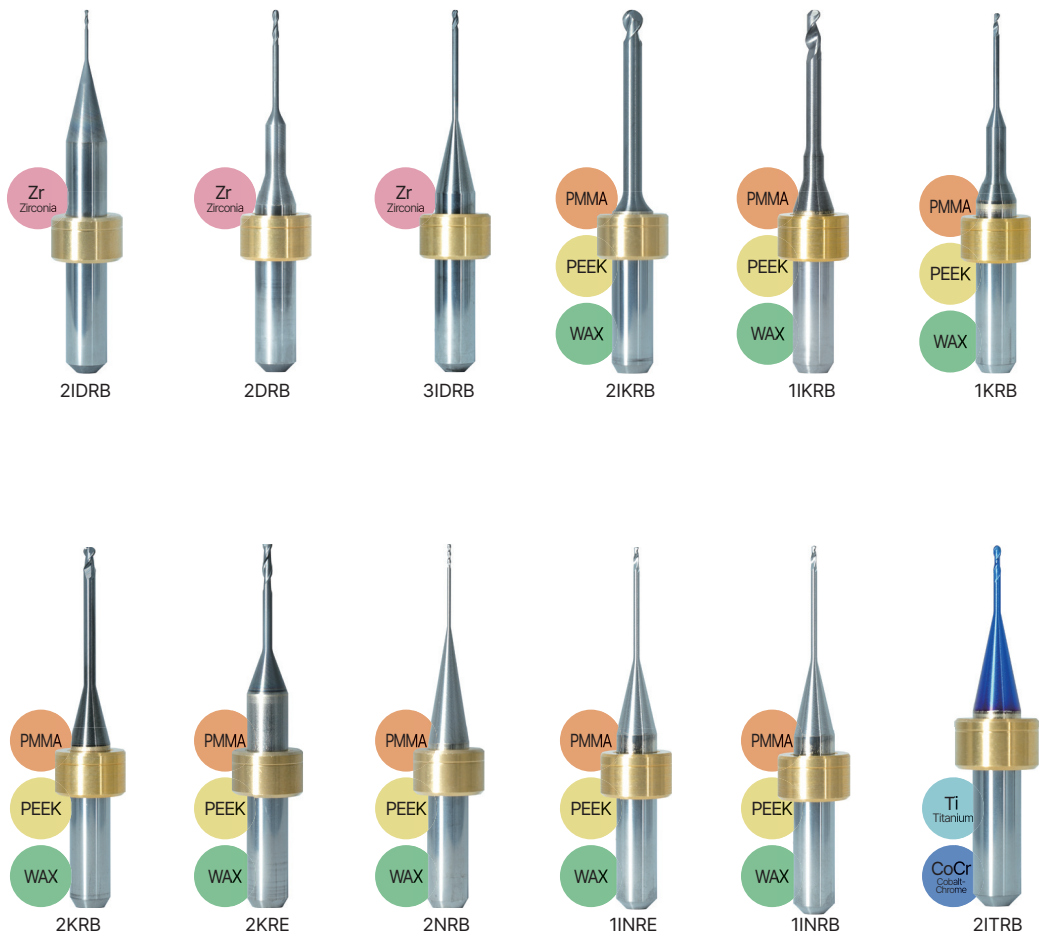
Coating



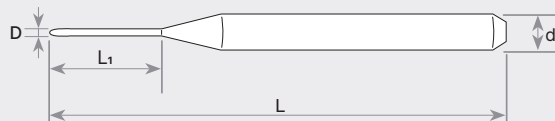
Model No.	Workpiece	Type	No. of Flutes	Cutting Diameter (D)	Effective Length (L1)	Shank Diameter (d)	Overall Length (L)	Coating
Applicable Machine : Coritec 350i, 350i PRO, 350i Loader, 350i Loader PRO, 650i, 650i Loader								
✓ 2IDRB-006-070-653-RING	●	Ball	2	0.6	7	6	53	■
✓ 2DRB-010-140-653-RING-IM	●	Ball	2	1	14	6	53	■
✓ 2DRB-025-200-653-RING-IM	●	Ball	2	2.5	20	6	53	■
2IDRB-0065-120-653-RING	●	Ball	2	0.65	12	6	53	■
2IDRB-010-160-653-RING	●	Ball	2	1	16	6	53	■
2IDRB-020-200-653-RING	●	Ball	2	2	20	6	53	■
2IDRB-025-200-653-RING	●	Ball	2	2.5	20	6	53	■
3IDRB-010-160-653-RING	●	Ball	3	1	16	6	53	■
3IDRB-020-200-653-RING	●	Ball	3	2	20	6	53	■
3IDRB-025-200-653-RING	●	Ball	3	2.5	20	6	53	■
✓ 2IKRB-030-270-653-RING	●●●	Ball	2	3	27	6	53	■
✓ 1IKRB-025-200-653-RING	●●●	Ball	1	2.5	20	6	53	■
✓ 1KRB-010-135-653-RING-IM	●●●	Ball	1	1	13.5	6	53	■
✓ 2KRB-020-200-653-RING-IM	●●●	Ball	2	2	20	6	53	■
✓ 2KRE-015-150-653-RING-IM	●●●	Flat	2	1.5	15	6	53	■
✓ 2NRB-006-120-653-RING-IM	●●●	Ball	2	0.6	12	6	53	-
✓ 1INRE-040-320-655-RING	●●●	Flat	1	4	32	6	55	-
1INRB-006-070-653-RING	●●●	Ball	1	0.6	7	6	53	-
1INRB-0065-120-653-RING	●●●	Ball	1	0.65	12	6	53	-
1INRB-010-160-653-RING	●●●	Ball	1	1	16	6	53	-
1INRB-020-200-653-RING	●●●	Ball	1	2	20	6	53	-
1INRB-025-200-653-RING	●●●	Ball	1	2.5	20	6	53	-
✓ 2ITRB-010-080-645-RING-OS	●●	Ball	2	1	8	6	45	■
✓ 2ITRB-015-120-648-RING-OS	●●	Ball	2	1.5	12	6	48	■
✓ 2ITRB-020-120-645-RING-OS	●●	Ball	2	2	12	6	45	■
✓ 2ITRB-030-150-645-RING-OS	●●	Ball	2	3	15	6	45	■
2ITRB-008-080-650-RING	●●	Ball	2	0.8	8	6	50	■
2ITRB-010-080-650-RING	●●	Ball	2	1	8	6	50	■
2ITRB-010-100-650-RING	●●	Ball	2	1	10	6	50	■
2ITRB-015-120-650-RING	●●	Ball	2	1.5	12	6	50	■



Applicable Machine

Coritec 350i, 350i PRO, 350i Loader, 350i Loader PRO, 650i, 650i Loader

Dimension Guide



IMES-ICORE

Main Size ✓

Workpiece



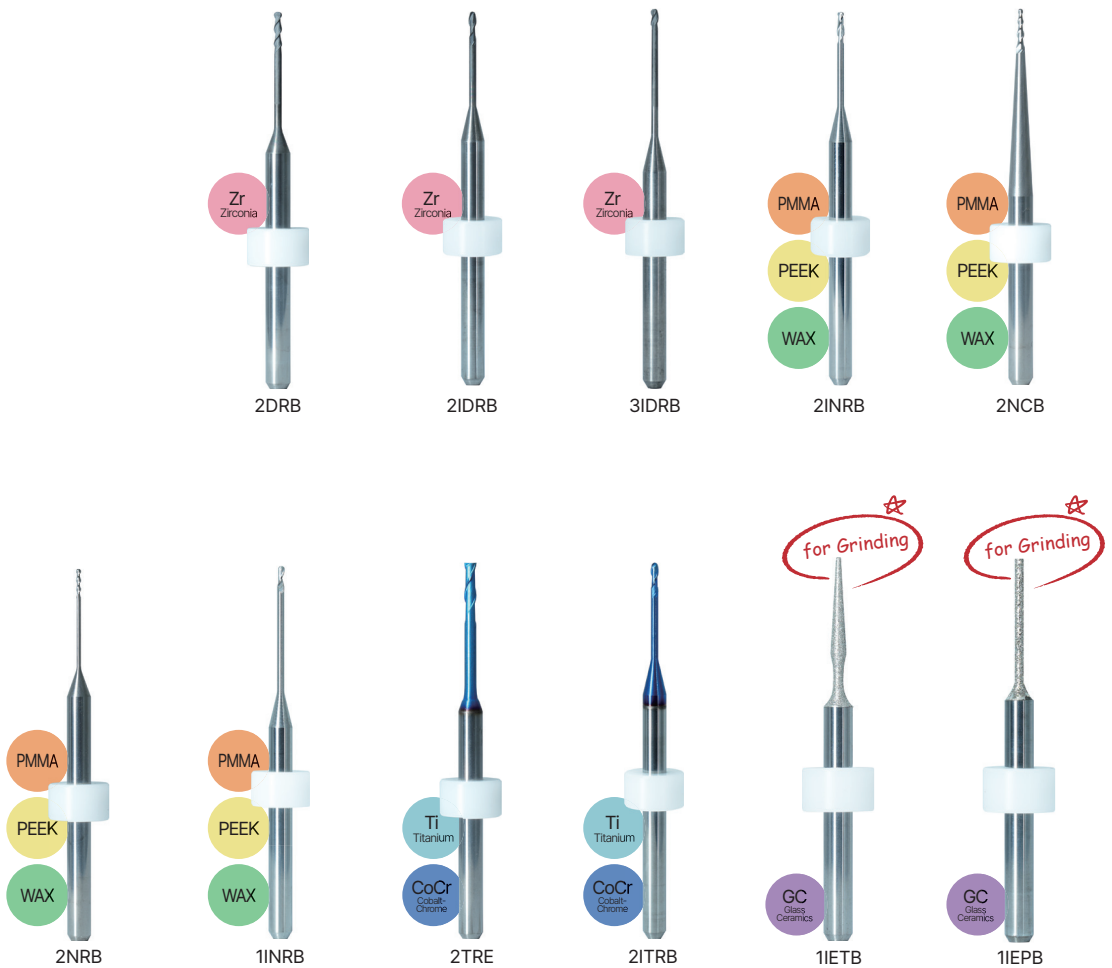
Coating



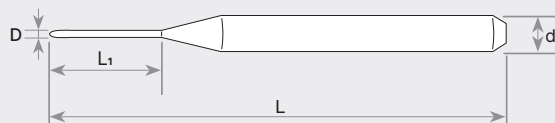
Model No.	Workpiece	Type	No. of Flutes	Cutting Diameter (D)	Effective Length (L1)	Shank Diameter (d)	Overall Length (L)	Coating
Applicable Machine : Coritex 250i, 250i dry								
✓ 2DRB-010-140-346-RING-IM	●	Ball	2	1	14	3	46	■
✓ 2DRB-025-200-346-RING-IM	●	Ball	2	2.5	2	3	46	■
✓ 2IDRB-006-070-348-RING	●	Ball	2	0.6	7	3	48	■
✓ 2IDRB-010-120-348-RING	●	Ball	2	1	12	3	48	■
✓ 2IDRB-025-125-348-RING	●	Ball	2	2.5	12.5	3	48	■
2IDRB-006-082-348-RING	●	Ball	2	0.6	8.2	3	48	■
2IDRB-0065-120-348-RING	●	Ball	2	0.65	12	3	48	■
2IDRB-010-160-348-RING	●	Ball	2	1	16	3	48	■
2IDRB-020-200-348-RING	●	Ball	2	2	20	3	48	■
2IDRB-025-200-348-RING	●	Ball	2	2.5	20	3	48	■
3IDRB-010-160-348-RING	●	Ball	3	1	16	3	48	■
3IDRB-020-200-348-RING	●	Ball	3	2	20	3	48	■
3IDRB-025-200-348-RING	●	Ball	3	2.5	20	3	48	■
✓ 2INRB-006-082-348-RING	●●●	Ball	2	0.6	8.2	3	48	-
✓ 2INRB-010-120-348-RING	●●●	Ball	2	1	12	3	48	-
✓ 2INRB-025-125-348-RING	●●●	Ball	2	2.5	12.5	3	48	-
✓ 2NCB-006-220-346-RING-IM	●●●	Ball	2	0.6	22	3	46	-
✓ 2NRB-006-120-346-RING-IM	●●●	Ball	2	0.6	12	3	46	-
1INRB-006-070-348-RING	●●●	Ball	1	0.6	7	3	48	-
1INRB-0065-120-348-RING	●●●	Ball	1	0.65	12	3	48	-
1INRB-010-160-348-RING	●●●	Ball	1	1	16	3	48	-
1INRB-020-200-348-RING	●●●	Ball	1	2	20	3	48	-
1INRB-025-200-348-RING	●●●	Ball	1	2.5	20	3	48	-
✓ 2TRE-015-150-346-RING-IM	●●	Flat	2	1.5	15	3	46	■
✓ 2ITRB-010-080-339-RING	●●	Ball	2	1	8	3	39	■
✓ 2ITRB-010-120-348-RING	●●	Ball	2	1	12	3	48	■
✓ 2ITRB-025-125-348-RING	●●	Ball	2	2.5	12.5	3	48	■
✓ 1IETB-006-135-340-RING-OS	●	Taper	1	0.6	-	3	40	■
✓ 1IEPB-010-127-340-RING-OS	●	Ball	1	1	-	3	40	■
✓ 1IEPB-025-150-340-RING-OS	●	Ball	1	2.5	-	3	40	■

Applicable Machine

Coritec 250i, 250i dry



Dimension Guide



ZIRKONZAHN

Main Size ✓

Workpiece

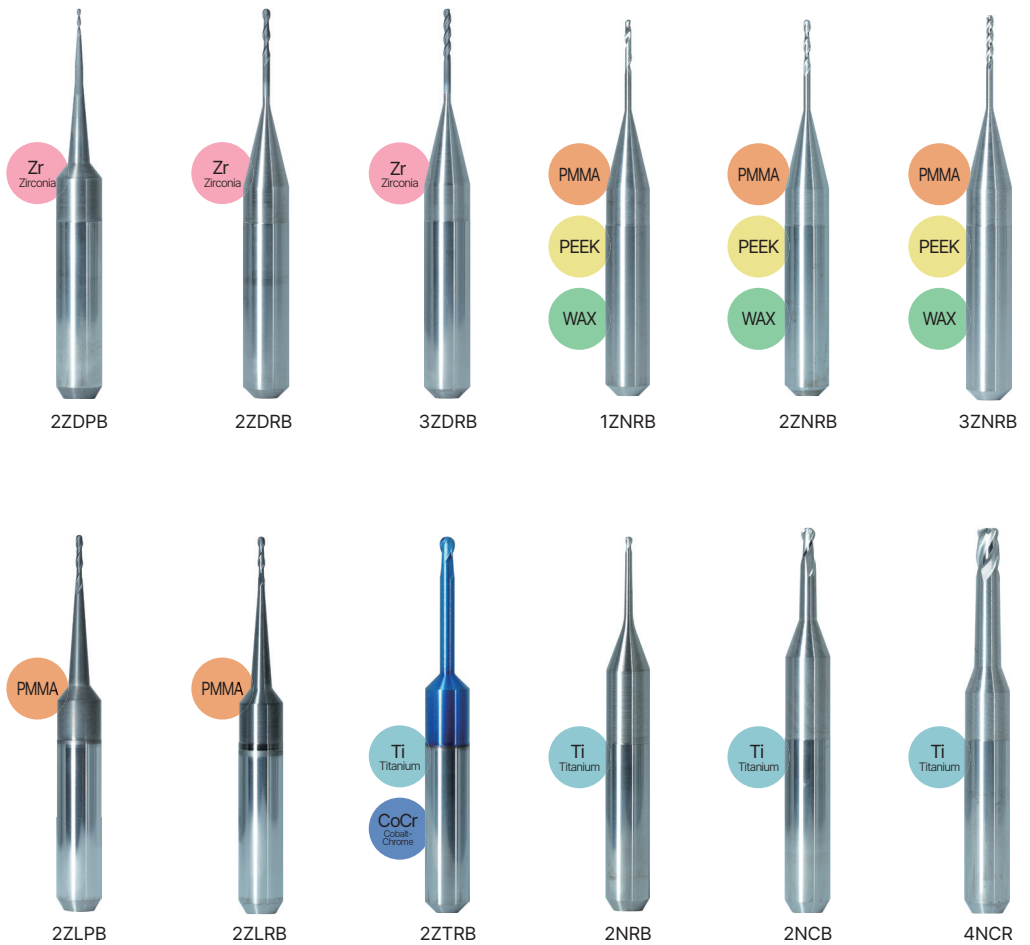
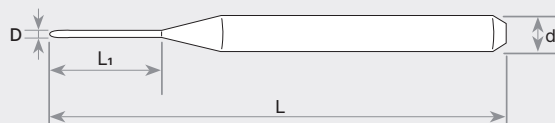


Coating



Model No.	Workpiece	Type	No. of Flutes	Cutting Diameter (D)	Effective Length (L1)	Shank Diameter (d)	Overall Length (L)	Coating
Applicable Machine : M1								
✓ 2ZDPB-005-030-650-OS	●	Ball	2	0.5	-	6	50	■
✓ 2ZDRB-010-120-650-OS	●	Ball	2	1	12	6	50	■
✓ 2ZDRB-020-180-650-OS	●	Ball	2	2	18	6	50	■
2ZDRB-005-050-650	●	Ball	2	0.5	5	6	50	■
2ZDRB-010-120-650	●	Ball	2	1	12	6	50	■
2ZDRB-020-180-650	●	Ball	2	2	18	6	50	■
3ZDRB-010-120-650	●	Ball	3	1	12	6	50	■
3ZDRB-020-180-650	●	Ball	3	2	18	6	50	■
1ZNRB-005-050-650	●●●	Ball	1	0.5	5	6	50	-
1ZNRB-010-120-650	●●●	Ball	1	1	12	6	50	-
1ZNRB-020-180-650	●●●	Ball	1	2	18	6	50	-
2ZNRB-005-050-650	●●●	Ball	2	0.5	5	6	50	-
2ZNRB-010-120-650	●●●	Ball	2	1	12	6	50	-
2ZNRB-020-180-650	●●●	Ball	2	2	18	6	50	-
3ZNRB-010-120-650	●●●	Ball	3	1	12	6	50	-
3ZNRB-020-180-650	●●●	Ball	3	2	18	6	50	-
✓ 1ZLRB-020-170-650-OS	●	Ball	1	2	17	6	50	-
✓ 2ZLPB-005-030-650-OS	●	Ball	2	0.5	3	6	50	-
✓ 2ZLPB-010-060-650-OS	●	Ball	2	1	6	6	50	-
✓ 2ZLRB-010-070-650-OS	●	Ball	2	1	7	6	50	-
✓ 2ZLRB-020-170-650-OS	●	Ball	2	2	17	6	50	-
✓ 2ZLRE-015-170-650-OS	●	Flat	2	1.5	17	6	50	-
2ZTRB-020-180-650	●●	Ball	2	2	18	6	50	■
2ZTRB-030-180-650	●●	Ball	2	3	18	6	50	■
✓ 2NRB-010-038-650-ZR	●	Ball	2	1	3.8	6	50	-
✓ 2NCB-020-032-650-ZR	●	Ball	2	2	-	6	50	-
✓ 2NCB-030-050-650-ZR	●	Ball	2	3	-	6	50	-
✓ 4NCR-030-R08-050-650-ZR	●	Corner R	4	3	-	6	50	-

Applicable Machine

M1**Dimension Guide**

ZIRKONZAHN

Main Size ✓

Workpiece

Zr
Zirconia

PMMA

PEEK

WAX

Ti
Titanium

CoCr
Cobalt-Chrome

GC
Glass Ceramics

Coating

Diamond

Tyson

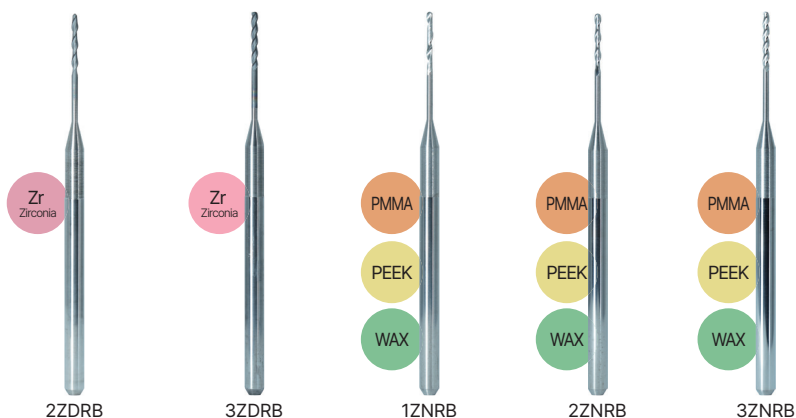
Electro-Plated Diamond

K
DLC

Model No.	Workpiece	Type	No. of Flutes	Cutting Diameter (D)	Effective Length (L1)	Shank Diameter (d)	Overall Length (L)	Coating
Applicable Machine : M5								
✓ 2ZDPB-005-030-357-OS	●	Ball	2	0.5	-	3	57	■
✓ 2ZDRB-010-120-357-OS	●	Ball	2	1	12	3	57	■
✓ 2ZDRB-020-180-357-OS	●	Ball	2	2	18	3	57	■
2ZDRB-005-050-357	●	Ball	2	0.5	5	3	57	■
2ZDRB-010-160-357	●	Ball	2	1	16	3	57	■
2ZDRB-020-180-357	●	Ball	2	2	18	3	57	■
3ZDRB-010-160-357	●	Ball	3	1	16	3	57	■
3ZDRB-020-180-357	●	Ball	3	2	18	3	57	■
✓ 1ZLRB-020-170-357-OS	●	Ball	1	2	17	3	57	■
✓ 2ZLPB-005-030-357-OS	●	Ball	2	0.5	-	3	57	■
✓ 2ZLPB-010-065-357-OS	●	Ball	2	1	-	3	57	■
✓ 2ZLRB-010-075-357-OS	●	Ball	2	1	7.5	3	57	■
✓ 2ZLRB-020-170-357-OS	●	Ball	2	2	17	3	57	■
✓ 2ZLRE-015-175-357-OS	●	Flat	2	1.5	17.5	3	57	■
1ZNRB-005-050-357	●●●	Ball	1	0.5	5	3	57	-
1ZNRB-010-160-357	●●●	Ball	1	1	16	3	57	-
1ZNRB-020-180-357	●●●	Ball	1	2	18	3	57	-
2ZNRB-005-050-357	●●●	Ball	2	0.5	5	3	57	-
2ZNRB-010-160-357	●●●	Ball	2	1	16	3	57	-
2ZNRB-020-180-357	●●●	Ball	2	2	18	3	57	-
3ZNRB-010-160-357	●●●	Ball	3	1	16	3	57	-
3ZNRB-020-180-357	●●●	Ball	3	2	18	3	57	-

Applicable Machine

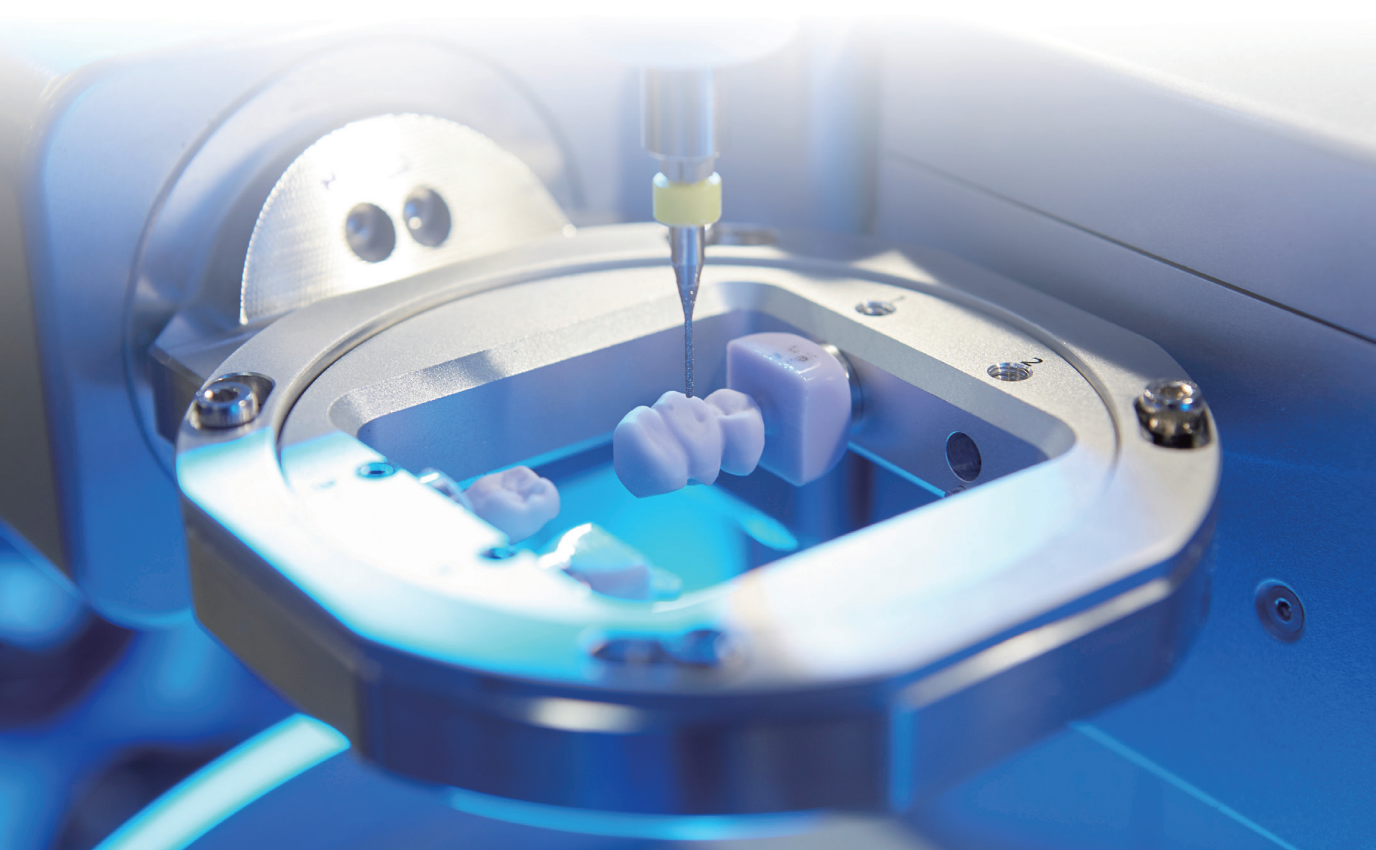
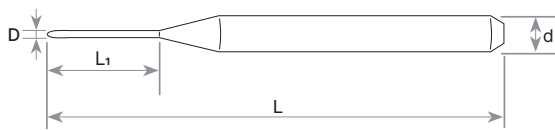
M5



Main Size ✓ Workpiece Zr Zirconia PMMA PEEK WAX Ti Titanium CoCr Cobalt-Chrome GC Glass Ceramics Coating Diamond Tyson Electro-Plated Diamond K DLC

Model No.	Workpiece	Type	No. of Flutes	Cutting Diameter (D)	Effective Length (L1)	Shank Diameter (d)	Overall Length (L)	Coating
Applicable Machine : PM3, PM5								
✓ 1ECB-005-092-344-RING-IV		Ball	1	0.5	9.2	3	44	
✓ 1EPB-010-100-349-RING-IV		Ball	1	1	10	3	49	
✓ 1EPB-020-180-349-RING-IV		Ball	1	2	18	3	49	
✓ 1EPB-028-200-341-RING-IV		Ball	1	2.8	20	3	41	

Dimension Guide



Main Size ✓

Workpiece



Coating

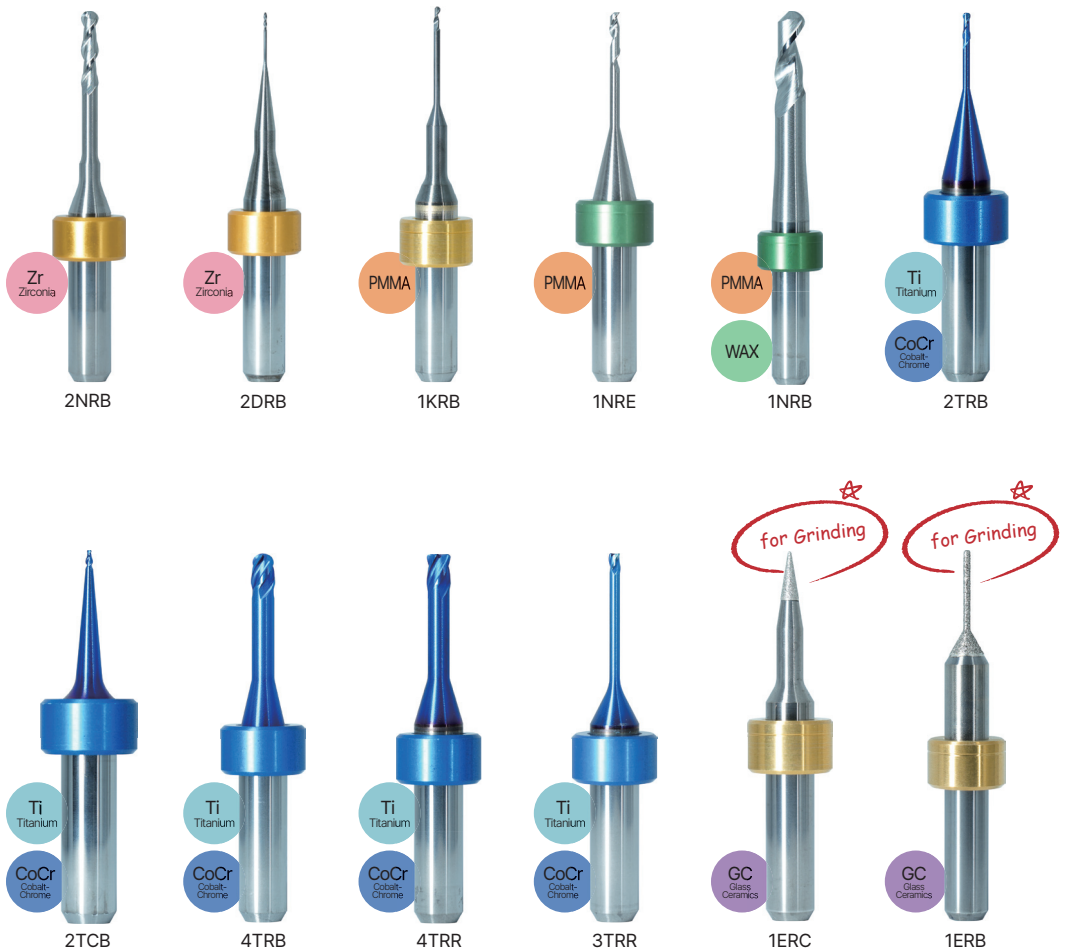


Model No.	Workpiece	Type	No. of Flutes	Cutting Diameter (D)	Effective Length (L1)	Shank Diameter (d)	Overall Length (L)	Coating
Applicable Machine : PM7								
✓ 2NRB-005-070-652-RING-IV		Ball	2	0.5	7	6	52	-
✓ 2NRB-010-140-653-RING-IV		Ball	2	1	14	6	53	-
✓ 2NRB-025-200-653-RING-IV		Ball	2	2.5	20	6	53	-
✓ 2DRB-005-070-652-RING-IV		Ball	2	0.5	7	6	52	
✓ 1KRB-005-070-649-RING-IVG		Ball	1	0.5	7	6	49	
✓ 1KRB-010-100-652-RING-IVG		Ball	1	1	10	6	52	
✓ 1KRB-025-250-659-RING-IVG		Ball	1	2.5	25	6	59	
✓ 1NRE-015-150-649-RING-IVG		Flat	1	1.5	15	6	49	-
✓ 1NRB-050-220-659-RING-IVG		Ball	1	5	22	6	59	-
✓ 1NRB-050-220-659-RING-IVB		Ball	1	5	22	6	59	-
✓ 1NRE-015-150-649-RING-IVB		Flat	1	1.5	15	6	49	-
✓ 1NRB-025-250-659-RING-IVB		Ball	1	2.5	25	6	59	-
✓ 1NRB-010-100-652-RING-IVB		Ball	1	1	10	6	52	-
✓ 1NRB-005-070-649-RING-IVB		Ball	1	0.5	7	6	49	-
✓ 2TCB-006-015-640-RING-IV		Ball	2	0.6	-	6	40	
✓ 2TRB-010-090-645-RING-IV		Ball	2	1	9	6	45	
✓ 2TRB-015-120-645-RING-IV		Ball	2	1.5	12	6	45	
✓ 2TRB-020-120-645-RING-IV		Ball	2	2	12	6	45	
✓ 4TRB-030-150-645-RING-IV		Ball	4	3	15	6	45	
✓ 4TRR-030-R05-150-645-RING-IV		Corner R	4	3	15	6	45	
✓ 3TRR-015-R015-150-645-RING-IV		Corner R	3	1.5	15	6	45	
✓ 1ERC-005-155-645-RING-IV		Taper	1	0.5	15.5	6	45	
✓ 1ERB-010-105-650-RING-IV		Ball	1	1	10.5	6	50	
✓ 1ERB-020-185-650-RING-IV		Ball	1	2	18.5	6	50	
✓ 1ERB-030-200-650-RING-IV		Ball	1	3	20	6	50	

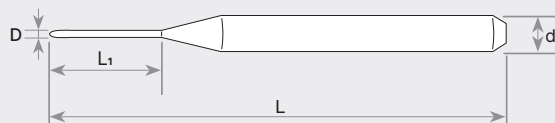


Applicable Machine

PM7



Dimension Guide



Main Size

✓

Workpiece

Zr
Zirconia

PMMA

PEEK

WAX

Ti
Titanium

CoCr
Cobalt-Chrome

GC
Glass
Ceramics

Coating

Diamond

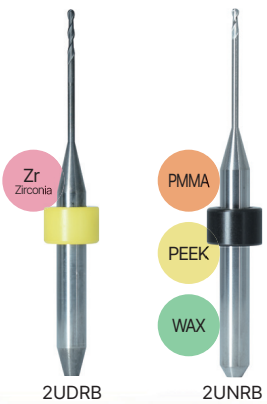
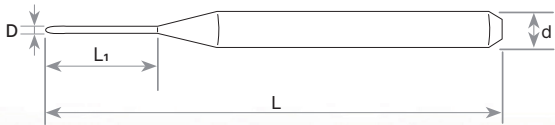
Tyson

Electro-Plated
Diamond

K
DLC

Model No.	Workpiece	Type	No. of Flutes	Cutting Diameter (D)	Effective Length (L1)	Shank Diameter (d)	Overall Length (L)	Coating
✓ 2UDRB-006-080-450-RING		Ball	2	0.6	8	4	50	
✓ 2UDRB-020-160-450-RING		Ball	2	2	16	4	50	
✓ 2UDRB-006-140-450-RING		Ball	2	0.6	14	4	50	
✓ 2UDRB-010-160-450-RING		Ball	2	1	16	4	50	
✓ 2UNRB-006-080-450-RING		Ball	2	0.6	8	4	50	-
✓ 2UNRB-010-160-450-RING		Ball	2	1	16	4	50	-
✓ 2UNRB-020-160-450-RING		Ball	2	2	16	4	50	-

Dimension Guide



Main Size ✓

Workpiece

Zr
Zirconia

PMMA

PEEK

WAX

Ti
TitaniumCoCr
Cobalt-ChromeGC
Glass Ceramics

Coating

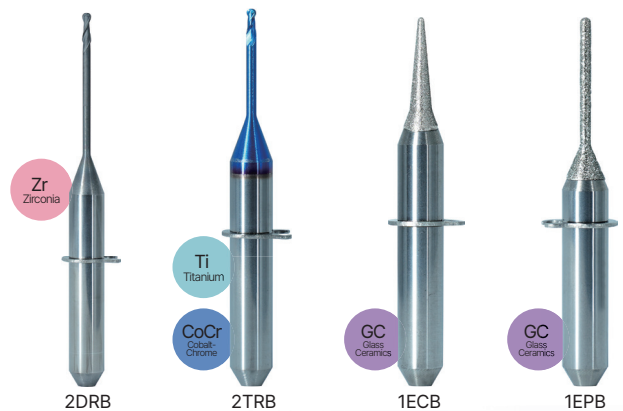
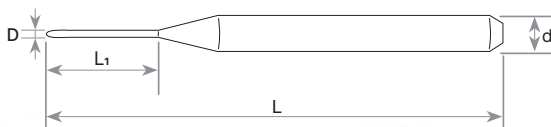
Diamond

Tyson

Electro-
Plated
DiamondK
DLC

Model No.	Workpiece	Type	No. of Flutes	Cutting Diameter (D)	Effective Length (L1)	Shank Diameter (d)	Overall Length (L)	Coating
✓ 2DRB-006-080-440-RING-DF	●	Ball	2	0.6	8	4	40	■
✓ 2DRB-010-160-442-RING-DF	●	Ball	2	1	16	4	42	■
✓ 2DRB-020-160-442-RING-DF	●	Ball	2	2	16	4	42	■
✓ 2TRB-010-100-435-RING-DF	●●	Ball	2	1	10	4	35	■
✓ 2TRB-015-100-435-RING-DF	●●	Ball	2	1.5	10	4	35	■
✓ 2TRB-020-100-435-RING-DF	●●	Ball	2	2	10	4	35	■
✓ 1ECB-006-080-432-RING-DF	●	Ball	1	0.6	8	4	32	■
✓ 1EPB-010-110-432-RING-DF	●	Ball	1	1	11	4	32	■
✓ 1EPB-025-130-434-RING-DF	●	Ball	1	2.5	13	4	34	■

Dimension Guide



Main Size

Workpiece

Zr
Zirconia

PMMA

PEEK

WAX

Ti
Titanium

CoCr
Cobalt-Chrome

GC
Glass Ceramics

Coating

Diamond

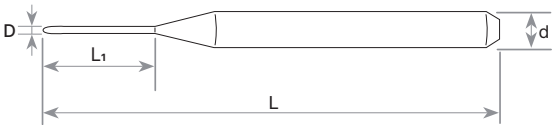
Tyson

Electro-Plated Diamond

K
DLC

Model No.	Workpiece	Type	No. of Flutes	Cutting Diameter (D)	Effective Length (L1)	Shank Diameter (d)	Overall Length (L)	Coating
✓ 2PDRB-006-100-340-RING		Ball	2	0.6	10	3	40	
✓ 2PDRB-010-160-340-RING		Ball	2	1	16	3	40	
✓ 2PDRB-020-160-340-RING		Ball	2	2	16	3	40	

Dimension Guide



Main Size ✓

Workpiece

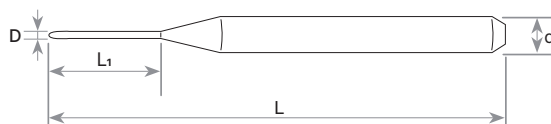


Coating



Model No.	Workpiece	Type	No. of Flutes	Cutting Diameter (D)	Effective Length (L1)	Shank Diameter (d)	Overall Length (L)	Coating
✓ 2YDRB-006-080-450-RING		Ball	2	0.6	8	4	50	
✓ 2YDRB-010-160-450-RING		Ball	2	1	16	4	50	
✓ 2YDRB-020-160-450-RING		Ball	2	2	16	4	50	

Dimension Guide



2YDRB



for GLASS CERAMICS

Main Size

Workpiece

Zr
Zirconia

PMMA

PEEK

WAX

Ti
Titanium

CoCr
Cobalt-Chrome

GC
Glass Ceramics

Coating

Diamond

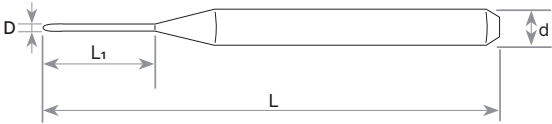
Tyson

Electro-Plated Diamond

K
DLC

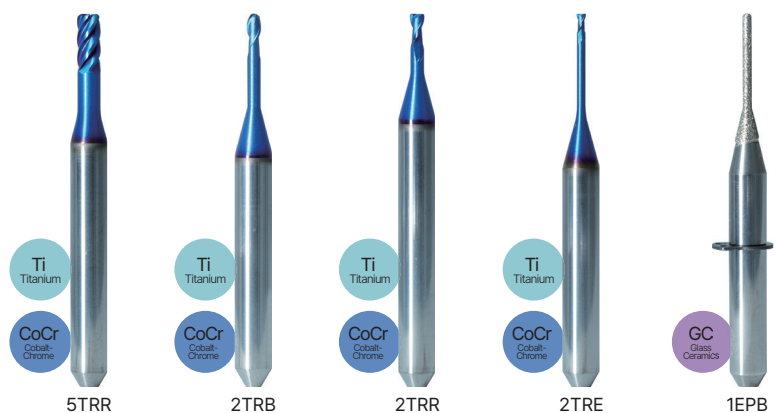
Model No.	Workpiece	Type	No. of Flutes	Cutting Diameter (D)	Shank Diameter (d)	Overall Length (L)	Coating
1ECPB-006-060-340		Ball	1	0.6	3	40	
1ECPB-010-100-340		Ball	1	1	3	40	
1ECPB-020-120-340		Ball	1	2	3	40	
1ECPB-025-150-340		Ball	1	2.5	3	40	
1ECPB-006-060-348		Ball	1	0.6	3	48	
1ECPB-010-100-348		Ball	1	1	3	48	
1ECPB-020-120-348		Ball	1	2	3	48	
1ECPB-025-150-348		Ball	1	2.5	3	48	
1ECPB-006-060-440		Ball	1	0.6	4	40	
1ECPB-010-100-440		Ball	1	1	4	40	
1ECPB-020-120-440		Ball	1	2	4	40	
1ECPB-025-150-440		Ball	1	2.5	4	40	
1ECPB-006-060-450		Ball	1	0.6	4	50	
1ECPB-010-100-450		Ball	1	1	4	50	
1ECPB-015-080-450		Ball	1	1.5	4	50	
1ECPB-020-120-450		Ball	1	2	4	50	
1ECPB-025-150-450		Ball	1	2.5	4	50	
1ECPB-006-060-640		Ball	1	0.6	6	40	
1ECPB-010-100-640		Ball	1	1	6	40	
1ECPB-020-120-640		Ball	1	2	6	40	
1ECPB-025-150-640		Ball	1	2.5	6	40	
1ECPB-006-060-650		Ball	1	0.6	6	50	
1ECPB-010-100-650		Ball	1	1	6	50	
1ECPB-015-100-650		Ball	1	1.5	6	50	
1ECPB-020-120-650		Ball	1	2	6	50	
1ECPB-025-150-650		Ball	1	2.5	6	50	
1ECPB-025-250-650		Ball	1	2.5	6	50	

Dimension Guide

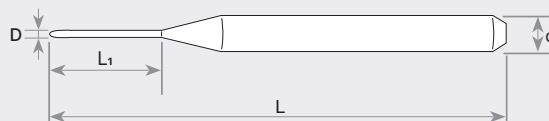


Main Size ✓ Workpiece Zr Zirconia PMMA PEEK WAX Ti Titanium CoCr Cobalt-Chrome GC Glass Ceramics Coating Diamond Tyson Electro-Plated Diamond K DLC

Model No.	Workpiece	Type	No. of Flutes	Cutting Diameter (D)	Effective Length (L1)	Shank Diameter (d)	Overall Length (L)	Coating
✓ 2DRB-010-150-645-RING-RD	●	Ball	2	1	15	6	45	■
✓ 2DRB-020-160-645-RING-RD	●	Ball	2	2	16	6	45	■
✓ 2DRB-010-150-440-RING-RD	●	Ball	2	1	15	4	40	■
✓ 2DRB-020-160-440-RING-RD	●	Ball	2	2	16	4	40	■
✓ 5TRR-025-R05-100-440-RD	●●	Corner R	5	2.5	10	4	40	■
✓ 2TRB-020-080-440-RD	●●	Ball	2	2	8	4	40	■
✓ 2TRB-015-100-440-RD	●●	Ball	2	1.5	10	4	40	■
✓ 2TRR-015-R02-060-440-RD	●●	Corner R	2	1.5	6	4	40	■
✓ 2TRE-015-050-440-RD	●●	Flat	2	1.5	5	4	40	■
✓ 2TRE-010-100-440-RD	●●	Flat	2	1	10	4	40	■
✓ 2TRE-010-090-440-RD	●●	Flat	2	1	9	4	40	■
✓ 2TRB-010-080-440-RD	●●	Ball	2	1	8	4	40	■
✓ 2TRE-005-030-440-RD	●●	Flat	2	0.5	3	4	40	■
✓ 2TRE-003-017-440-RD	●●	Flat	2	0.3	1.7	4	40	■
✓ 1EPB-006-060-440-RING-RD	●	Ball	1	0.6	6	4	40	■
✓ 1EPB-010-100-440-RING-RD	●	Ball	1	1	10	4	40	■
✓ 1EPB-015-080-440-RING-RD	●	Ball	1	1.5	8	4	40	■
✓ 1EPB-025-150-440-RING-RD	●	Ball	1	2.5	15	4	40	■
✓ 1EPB-006-060-640-RING-RD	●	Ball	1	0.6	6	6	40	■
✓ 1EPB-010-100-640-RING-RD	●	Ball	1	1	10	6	40	■
✓ 1EPB-015-080-640-RING-RD	●	Ball	1	1.5	8	6	40	■
✓ 1EPB-025-150-640-RING-RD	●	Ball	1	2.5	15	6	40	■



Dimension Guide



Model No.	Workpiece	Cutting Diameter (D)	Effective Length (L1)	Overall Length (L)	Angle
HZB-05A	Zirconia	2	20	55	-
HZB-06A	Zirconia	1	14	53	-
HZB-07A	Zirconia	0.6	8	50	-
HZB-78A	Zirconia	0.3	1.5	50	-
HZB-85A	Zirconia (Long)	2	25	60	-
HZB-86A	Zirconia (Long)	1	20	60	-
HZB-87A	Zirconia (Long)	0.6	10	60	-
HMD-18A	Metal(Drill)	1.5	14	50	-
HMD-19A	Metal(Drill)	2	18	55	-
HMD-73A	Metal(Drill)	1.1	5	50	-
HMB-09A	Metal (Premilled Blank/Disk)	3	12	50	-
HMB-10A	Metal (Premilled Blank/Disk)	2	12	50	-
HMB-11A	Metal (Premilled Blank/Disk)	1.5	10	50	-
HMB-12A	Metal (Premilled Blank/Disk)	1	10	50	-
HMR-01A	Metal (Reamer)	3.5	18	55	180°
HMR-02A	Metal (Reamer)	2.6	18	55	180°
HMR-05A	Metal (Reamer)	2.3	18	55	120°
HMR-06A	Metal (Reamer)	2.3	18	55	90°
HMR-07A	Metal (Reamer)	2.3	18	55	30°
HMR-09A	Metal (Reamer)	2.4	18	55	70°
HMR-10A	Metal (Reamer)	2.6	18	55	30°
HMR-11A	Metal (Reamer)	2.4	18	55	140°
HMR-12A	Metal (Reamer)	2.6	18	55	90°
HMR-13A	Metal (Reamer)	2.7	18	55	70°
HMR-14A	Metal (Reamer)	2.3	18	55	70°
HMR-15A	Metal (Reamer)	2.3	18	55	180°
HMR-16A	Metal (Reamer)	2.4	18	55	90°
HMB-14A	Metal(Disk)	0.6	3.5	50	-
HPB-88A	PMMA(Long)	3	20	55	-
HPB-89A	PMMA(Long)	2	20	55	-
HPB-90A	PMMA(Long)	1.5	18	58	-
HPB-91A	PMMA(Long)	1	13	55	-
HPB-92A	PMMA(Long)	0.6	10	55	-
HPB-93A	PMMA(Denture)	4.5	25	60	-
HPB-94A	PMMA(Lollipop)	3	15	60	-
HDG-21A	Glass ceramic	1	10	50	-
HDG-22A	Glass ceramic	0.6	8	50	-
HDG-37A	Glass ceramic	2.5	12	50	-
HDG-38A	Glass ceramic	1.5	10	50	-

for glass ceramic grinding!

	Model No.	Cutting Diameter (D)	Effective Length (L1)	Overall Length (L)
T-cutter	HTC-82A	2	8	50
	HTC-83A	1.8	8	50
	HTC-84A	1.5	8	50
	HTC-97A	2.3	7	50

	Model No.	Cutting Diameter (D)	Effective Length (L1)	Overall Length (L)
Flat endmill	HMF-15A	2	18	55
	HMF-45A	1.5	7	50
	HMF-71A	0.6	5	50

	Model No.	Cutting Diameter (D)	Effective Length (L1)	Overall Length (L)	Coner R
Bullnosemill	HMFR-44A	1.5	5	50	0.1
	HMFR-66A	1.5	14	50	0.2
	HMFR-43A	2	18	55	0.2

	Model No.	Thread	Pitch	Overall Length (L)
Thread	HTH-69A	M2	0.4	50
	HTH-70A	M1.4	0.3	-
	HTH-95A	M1.8	0.35	-
	HTH-99A	M1.6	0.35	-



HZB-05A



HMFR-43A



HMF-15A



HMD-19A



HMR-02A



HMB-09A



HTC-82A

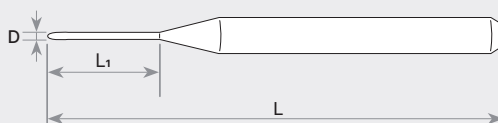


HPB-88A



HDG-37A

Dimension Guide





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