

ZIRCONIA

A vertical panel with a teal background. At the top is a white circular workpiece. Below it is a silver-colored milling tool with a dark tip.

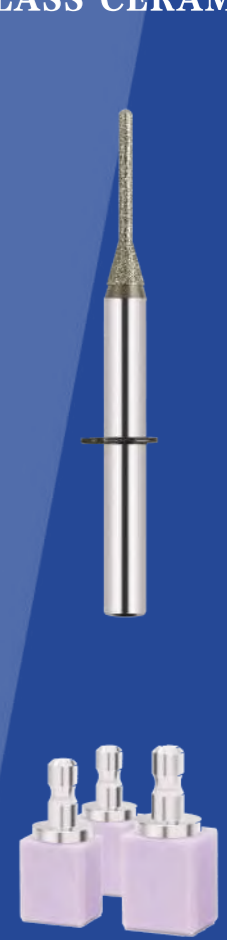
PMMA

A vertical panel with an orange background. At the top is a blue milling tool with a silver-colored band. Below it is a light-colored circular workpiece.

METAL

A vertical panel with a red background. At the top is a silver-colored circular workpiece. Below it is a silver-colored milling tool with a gold-colored tip.

GLASS CERAMIC

A vertical panel with a blue background. At the top is a silver-colored milling tool with a gold-colored tip. Below it are several small, light-colored rectangular workpieces.

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# B&D TECHNOLOGIES

Milling Tools



## Why choose us



European material



Germany advanced technical support



Germany coating



After-sales and customize service



Strict quality control



Fast delivery (DHL or fedex)

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## CAD/CAM Milling Machine-UP3D/Roland Zirconia /Ti/CoCr /Glass /PMMA/WAX



**UP3D**  
Zirconia milling burs

L	16	16	16	10	6
D	4	4	4	4	4
TL	50	50	50	50	50
d	Φ2.0	Φ1.0	Φ1.0	Φ0.6	Φ0.3
Type	Ball		Flat	Ball	



**UP3D**  
Glass ceramic milling burs

L	15	10	10
D	4	4	4
TL	40	40	40
d	Φ2.5	Φ1.0	Φ0.6



**UP3D**  
PMMA milling burs

L	16	16	8
D	4	4	4
TL	50	50	50
d	Φ2.0	Φ1.0	Φ0.6



**Roland**  
Glass ceramic milling burs

L	15	6	10
D	3	3	3
TL	40	40	40
d	Φ2.5	Φ1.0	Φ0.6



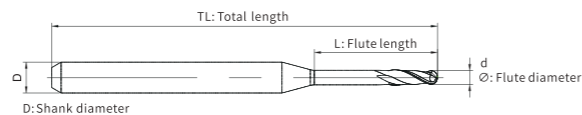
**Roland**  
Zirconia milling burs

L	22	20	16	16	16	10
D	4	4	4	4	4	4
TL	50	50	50	50	50	50
d	Φ2.0L	Φ1.0L	Φ2.0	Φ1.0	Φ0.8	Φ0.6



**Roland**  
PMMA milling burs

L	16	16	16	16	8
D	4	4	4	4	4
TL	50	50	50	50	50
d	Φ2.0	Φ2.0	Φ1.0	Φ1.0	Φ0.6
Type	Ball	Flat	Flat	Ball	Ball



## CAD/CAM Milling Machine-XTCERA Zirconia /Ti/CoCr /Glass /PMMA/WAX



**XTCERA-Xmill-220**  
Zirconia milling burs

L	16	16	10	22	20
D	3	3	3	3	3
TL	50	50	50	50	50
d	Φ2.0	Φ1.0	Φ0.6	Φ2.0L	Φ1.0L



**XTCERA-Xmill-300**  
Metal milling burs

L	15	12	10
D	4	4	4
TL	50	50	50
d	Φ3.0	Φ2.0	Φ1.5



**XTCERA-Xmill-500**  
Zirconia milling burs

L	16	16	10	22	20
D	4	4	4	4	4
TL	50	50	50	50	50
d	Φ2.0	Φ1.0	Φ0.6	Φ2.0L	Φ1.0L



**XTCERA-Xmill-300**  
Glass ceramic milling burs

L	16	10	8
D	4	4	4
TL	45	45	45
d	Φ2.5	Φ1.0	Φ0.6



**XTCERA-Xmill-600**  
Metal milling burs

L	15	12	10	5	14	7	14	5	3	18	18
D	6	6	6	6	6	6	6	6	6	6	6
TL	50	50	50	50	50	50	50	50	50	50	50
d	Φ3.0	Φ2.0	Φ1.0	Φ2.0	Φ1.5	Φ2.0	Φ1.5	Φ1.0	Φ0.5	Φ2.2	Φ1.5
No.	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11
Type	Ball			Bull nose			Flat			Drill	

## CAD / CAM Milling Machine- XTCERA/Zirkonzahn Zirconia /Ti/CoCr /Glass /PMMA/WAX



**XTCERA-Xmill-600**  
PMMA milling burs

L	18	16	8
D	6	6	6
TL	50	50	50
d	Φ2.0	Φ1.0	Φ0.6



**XTCERA-Xmill-500**  
PMMA milling burs

L	16	16	8
D	4	4	4
TL	50	50	50
d	Φ2.0	Φ1.0	Φ0.6



**Zirkonzahn-M5**  
Zirconia milling burs

L	18	16	16	10	6	6
D	3	3	3	3	3	3
TL	57	57	57	57	57	57
d	Φ2.0	Φ1.5	Φ1.0	Φ0.6	Φ0.5	Φ0.3
Type	Ball	Flat			Ball	



**Zirkonzahn-M1**  
Zirconia milling burs

L	16	16	10	6
D	6	6	6	6
TL	50	50	50	50
d	Φ2.0	Φ1.0	Φ0.6	Φ0.5



**Zirkonzahn**  
Metal milling burs

L	16	16	16
D	6	6	6
TL	50	50	50
d	Φ3.0	Φ2.0	Φ1.0

## CAD / CAM Milling Machine-Aidite/UPCERA Zirconia /Ti/CoCr /Glass /PMMA/WAX



**Aidite AMW-400**  
Glass ceramic milling burs

L	15	10	10
D	6	6	6
TL	50	50	50
d	Φ2.5	Φ1.0	Φ0.6



**Aidite AMW-400**  
Metal milling burs

L	15	12	10
D	6	6	6
TL	50	50	50
d	Φ3.0	Φ1.5	Φ1.0



**Aidite AMD-500**  
Zirconia milling burs

L	22	20	16	16	10
D	4	4	4	4	4
TL	50	50	50	50	50
d	Φ2.0L	Φ1.0L	Φ2.0	Φ1.0	Φ0.6



**UPCERA 2000-D3**  
Zirconia milling burs

L	16	16	10
D	3	3	3
TL	50	50	50
d	Φ2.0	Φ1.0	Φ0.6



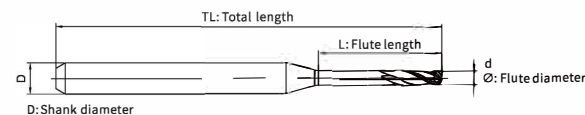
**UPCERA-X5**  
Zirconia milling burs

L	16	16	16	16	10
D	4	4	4	4	4
TL	45	45	45	45	45
d	Φ2.0	Φ1.5	Φ1.0	Φ1.0	Φ0.6
Type		Ball		Flat	Ball



**UPCERA 2000-D4**  
Zirconia milling burs

L	16	16	10
D	4	4	4
TL	50	50	50
d	Φ2.0	Φ1.0	Φ0.6



CAD/CAM Milling Machine-JINY  
Zirconia /Ti/CoCr /Glass /PMMA/WAX



**JINY-D4**  
Zirconia milling bars

L	16	16	8
D	4	4	4
TL	45	45	45
d	Φ2.0	Φ1.0	Φ0.6



**JINY-D6**  
Zirconia milling bars

L	20	20	8	16	16
D	6	6	6	6	6
TL	50	50	50	50	50
d	Φ2.0	Φ1.0	Φ0.6	Φ1.0	Φ1.5
Type	Ball			Flat	



**JINY**  
Glass ceramic milling bars

L	13	10	8
D	6	6	6
TL	50	50	50
d	Φ2.0	Φ1.0	Φ0.6



**JINY-D3.175**  
Zirconia milling bars

L	18	18	10
D	3.175	3.175	3.175
TL	45	45	45
d	Φ2.0	Φ1.0	Φ0.6



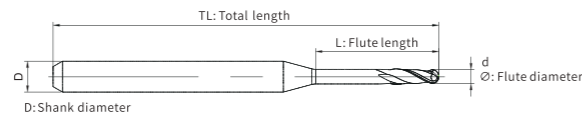
**JINY-D6**  
PMMA milling bars

L	16	16	8
D	6	6	6
TL	50	50	50
d	Φ2.0	Φ1.0	Φ0.6



**JINY**  
Glass ceramic milling bars

L	15	12	10
D	4	4	4
TL	45	45	45
d	Φ2.0	Φ1.0	Φ0.6



CAD/CAM Milling Machine-JINY  
Zirconia /Ti/CoCr /Glass /PMMA/WAX



**JINY**  
Metal milling bars

L	15	12	10	3	5	7	5	13	10	15	14
D	6	6	6	6	6	6	6	6	6	6	6
TL	50	50	50	50	50	50	50	50	50	50	50
d	Φ3.0	Φ2.0	Φ1.0	Φ0.5	Φ2.0	Φ2.0	Φ1.0	Φ1.5	Φ2.0	Φ2.5	Φ1.5
No.	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11
Type	Ball			Bull nose			Flat		Drill		Flat

# CAD/CAM Milling Machine-BSM Zirconia /Ti/CoCr /Glass /PMMA/WAX



**BSM-D6**  
Glass ceramic milling burs

L	15	10	10
D	6	6	6
TL	40	40	40
d	Φ2.5	Φ1.0	Φ0.6



**BSM-D6**  
Zirconia milling burs

L	20	20	10
D	6	6	6
TL	50	50	50
d	Φ2.5	Φ1.0	Φ0.6



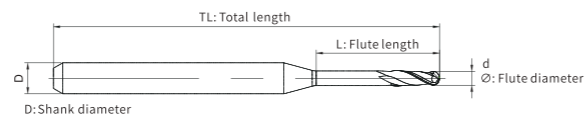
**BSM**  
Zirconia milling burs

L	16	16	10
D	4	4	4
TL	50	50	50
d	Φ2.0	Φ1.0	Φ0.6



**BSM**  
Metal milling burs

L	15	12	10	14	3	5	7	18	13	5	14
D	6	6	6	6	6	6	6	6	6	6	6
TL	50	50	50	50	50	50	50	50	50	50	50
d	Φ3.0	Φ2.0	Φ1.0	Φ1.5	Φ0.5	Φ1.0	Φ2.0	Φ2.2	Φ1.5	Φ2.0	Φ1.5
No.	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11
Type	Ball			Flat			Drill		Bull nose		



# CAD/CAM Milling Machine-/Wieland mini/Elosdent Zirconia /Ti/CoCr /Glass /PMMA/WAX



**Wieland Mini**  
Zirconia milling burs

L	20	16	10
D	3	3	3
TL	35	35	35
d	Φ2.5	Φ1.0	Φ0.6



**Elosdent Metal milling burs**

L	13	22	10	12	15	16	13	12	3	5	8	10	10	12	10	20
D	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
TL	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
d	Φ1.5	Φ2.0	Φ1.0	Φ2.0	Φ3.0	Φ1.5	Φ1.5	Φ2.0	Φ0.5	Φ1.0	Φ1.0	Φ2.0	Φ1.0	Φ2.0	Φ1.5	Φ2.0
No.	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16
Type	Drill		Ball			Bull nose			Flat			Ball		Bull nose		

## CAD/CAM Milling Machine-Dentium/IMES ICORE Zirconia /Ti/CoCr /Glass /PMMA/WAX



**Dentium-D3**  
Zirconia milling burs

L	16	16	10
D	3	3	3
TL	50	50	50
d	Φ2.0	Φ1.0	Φ0.6



**Dentium-D4**  
Zirconia milling burs

L	16	16	10
D	4	4	4
TL	45	45	45
d	Φ2.0	Φ1.0	Φ0.6



**Dentium-D6**  
Zirconia milling burs

L	16	16	10
D	6	6	6
TL	50	50	50
d	Φ2.0	Φ1.0	Φ0.6



**Dentium-D6**  
Glass ceramic milling burs

L	13	10	6
D	6	6	6
TL	50	50	50
d	Φ2.0	Φ1.0	Φ0.6



**Dentium**  
Metal milling burs

L	15	12	10
D	6	6	6
TL	50	50	50
d	Φ3.0	Φ2.0	Φ1.5



**IMES ICORE-250i**  
PMMA milling burs

L	20	16	10
D	3	3	3
TL	48	48	48
d	Φ2.5	Φ1.0	Φ0.6

## CAD/CAM Milling Machine-IMES ICORE Zirconia /Ti/CoCr /Glass /PMMA/WAX



**IMES ICORE-250i**  
Glass ceramic milling burs

L	14.5	10	10
D	3	3	3
TL	42	42	42
d	Φ2.5	Φ1.0	Φ0.6



**IMES ICORE-350i**  
Glass ceramic milling burs

L	15	10	10
D	6	6	6
TL	40	40	40
d	Φ2.5	Φ1.0	Φ0.6



**IMES ICORE-250i**  
Zirconia milling burs

L	20	16	10
D	3	3	3
TL	48	48	48
d	Φ2.5	Φ1.0	Φ0.6



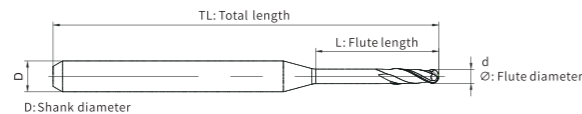
**IMES ICORE-350i**  
Zirconia milling burs

L	20	20	10
D	6	6	6
TL	50	50	50
d	Φ2.5	Φ1.0	Φ0.6



**IMES ICORE-350i**  
Metal milling burs

L	15	12	10	10	14	3	5	7	18	13	5	14
D	6	6	6	6	6	6	6	6	6	6	6	6
TL	50	50	50	50	50	50	50	50	50	50	50	50
d	Φ3.0	Φ2.0	Φ1.5	Φ1.0	Φ1.5	Φ0.5	Φ1.0	Φ2.0	Φ2.2	Φ1.5	Φ2.0	Φ1.5
No.	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T16	T17
Type	Ball			Flat				Drill		Bull nose		



## CAD / CAM Milling Machine-Cradle/UPCERA Zirconia /Ti/CoCr /Glass /PMMA/WAX



**Cradle / UPCERA C41**  
Glass ceramic milling burs

L	16	10	18
D	3	3	3
TL	40	40	40
d	Φ2.5	Φ1.0	Φ0.6



**Cradle / UPCERA B41/B42**  
Glass ceramic milling burs

L	16	10	10
D	6	6	6
TL	50	50	50
d	Φ2.5	Φ1.0	Φ0.6



**Cradle / UPCERA A51/A52**  
Zirconia milling burs

L	16	16	16	10
D	3	3	3	3
TL	40	40	40	40
d	Φ2.0	Φ1.5	Φ1.0	Φ0.6



**Cradle / UPCERA A52W**  
Glass ceramic milling burs

L	16	10	10
D	4	4	4
TL	40	40	40
d	Φ2.5	Φ1.0	Φ0.6



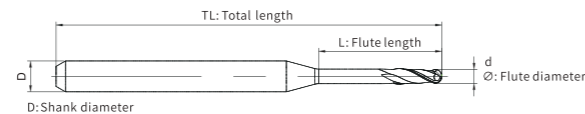
**Cradle / UPCERA A51/A52**  
PMMA milling burs

L	16	16	8
D	3	3	3
TL	40	40	40
d	Φ2.0	Φ1.0	Φ0.6



**Cradle / UPCERA A52W**  
Metal milling burs

L	8.5	6	8.5
D	3	3	3
TL	40	40	40
d	Φ2.5	Φ1.5	Φ1.0



## CAD / CAM Milling Machine-Cradle/UPCERA Zirconia /Ti/CoCr /Glass /PMMA/WAX



**Cradle / UPCERA B51/B52**  
Metal milling burs

L	15	12	10	15	13	7	10	5	14	3	5
D	6	6	6	6	6	6	6	6	6	6	6
TL	50	50	50	50	50	50	50	50	50	50	50
d	Φ3.0	Φ2.0	Φ1.0	Φ2.5	Φ1.5	Φ2.0	Φ1.5	Φ2.0	Φ1.5	Φ0.5	Φ1.0
No.	T1	T2	T3	T4	T5	T6	T7	T8	T10	T11	T12
Type	Ball		Drill			Flat	Ball	Bull nose		Ball	Flat

## CAD/CAM Milling Machine-Yenadent/ARUM Zirconia /Ti/CoCr /Glass /PMMA/WAX



**Yenadent**  
Zirconia milling burs

L	16	16	10
D	4	4	4
TL	45	45	45
d	Φ2.0	Φ1.0	Φ0.6



**Yenadent**  
Glass ceramic milling burs

L	16	16	10
D	4	4	4
TL	45	45	45
d	Φ2.5	Φ1.0	Φ0.6



**Yenadent**  
Metal milling burs

L	15	12	10
D	4	4	4
TL	45	45	45
d	Φ3.0	Φ2.0	Φ1.5



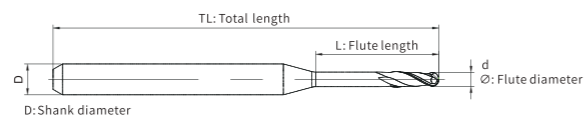
**ARUM**  
Metal milling burs

L	18	12	12	10
D	6	6	6	6
TL	50	50	50	50
d	Φ3.0	Φ2.0	Φ1.5	Φ1.0



**ARUM**  
Zirconia milling burs

L	16	16	10
D	4	4	4
TL	50	50	45
d	Φ2.0	Φ1.0	Φ0.6



## CAD/CAM Milling Machine-VHF Zirconia /Ti/CoCr /Glass /PMMA/WAX



**VHF-K4**  
Zirconia milling burs

L	20	16	10
D	3	3	3
TL	35	35	35
d	Φ2.5	Φ1.0	Φ0.6



**VHF-N4**  
Glass ceramic milling burs

L	18	10	12
D	3	3	3
TL	35.5	35.5	35.5
d	Φ2.4	Φ1.0	Φ0.6



**VHF-K5/E5**  
Zirconia milling burs

L	16	16	16	10
D	3	3	3	3
TL	40	40	40	40
d	Φ2.0	Φ1.5	Φ1.0	Φ0.6

# CAD/CAM Milling Machine-Sirona Zirconia /Ti/CoCr /Glass /PMMA/WAX



**Sirona MCX5**  
Zirconia milling burs

L	20	16	16
D	3	3	3
TL	44	44	44
d	Φ2.5	Φ1.0	Φ0.5



**Sirona MCX5**  
Glass ceramic milling burs

L	15.5	14.5	12.5
D	3	3	3
TL	37.4	35.4	36.4
d	Φ2.2	Φ1.4	Φ1.2



**CEREC MCXL**  
Glass ceramic milling burs

L	14	14	13.5
D	3.5	3.5	3.5
TL	38	38	38
d	Φ1.8	Φ1.4	Φ1.0
Type	Cylinder Pointed Bur 12S	Step Bur 12S	Step Bur 12



**PM7**  
PMMA milling burs

L	18	16	10	5
D	6	6	6	6
TL	50	50	50	50
d	Φ2.5	Φ1.5	Φ1.0	Φ0.5



**YRC**  
Zirconia milling burs

L	16	16	16	10
D	4	4	4	4
TL	50	50	50	50
d	Φ2.0	Φ1.5	Φ1.0	Φ0.6



**PM7**  
Metal milling burs

L	15	12	10	5
D	6	6	6	6
TL	50	50	50	50
d	Φ3.0	Φ2.0	Φ1.5	Φ0.6



**DOF**  
Zirconia milling burs

L	16	16	8
D	4	4	4
TL	40	40	40
d	Φ2.0	Φ1.0	Φ0.6



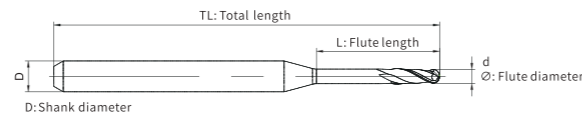
**DOF**  
Glass ceramic milling burs

L	15	15	10	10
D	4	4	4	4
TL	33	33	32	32
d	Φ2.5	Φ2.0	Φ1.0	Φ0.6



**DOF**  
PMMA milling burs

L	16	16	8
D	4	4	4
TL	40	40	40
d	Φ2.0	Φ1.0	Φ0.6



# CAD / CAM Milling Machine- Camdent Zirconia /Ti/CoCr /Glass /PMMA/WAX



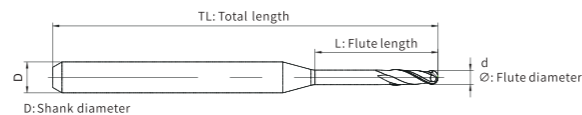
**Camdent**  
Glass ceramic milling burs

L	16	16	10
D	4/6	4/6	4/6
TL	45/50	45/50	45/50
d	Φ2.5	Φ1.0	Φ0.6



**Camdent Metal milling burs**

L	15	12	10	7	5	3	18	13	5	14	10	14	6	6	6	4	3.5
D	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
TL	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
d	Φ3.0	Φ2.0	Φ1.0	Φ2.0	Φ1.0	Φ0.5	Φ2.2	Φ1.5	Φ2.0	Φ1.5	Φ1.5	Φ1.5	Φ2.0	Φ1.8	Φ1.6	Φ1.4	Φ1.2
No.	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10	T11	T12	T13	T14	T15	T16	T17
Type	Ball			Flat			Drill		Bull nose		Ball	Flat	Ball				



# CAD / CAM Milling Machine-Deprag Zirconia /Ti/CoCr /Glass /PMMA/WAX



**Deprag**  
PMMA milling burs

L	16	16	16	8
D	4	4	4	4
TL	50	50	50	50
d	Φ2.5	Φ1.5	Φ1.0	Φ0.6
Type	Ball	Flat	Ball	Ball



**Deprag**  
Zirconia milling burs

L	16	16	8	20	3
D	4	4	4	4	4
TL	50	50	50	50	50
d	Φ2.0	Φ1.0	Φ0.6	Φ1.5	Φ0.3
Type	Ball			Flat	Ball



**Deprag**  
Glass ceramic milling burs

L	15	10	8
D	6	6	6
TL	50	50	50
d	Φ2.5	Φ1.0	Φ0.6



**Deprag Metal milling burs**

L	15	12.5	12.5	8	4	16	16	16	16	6	6
D	6	6	6	6	6	6	6	6	6	6	6
TL	50	50	50	50	50	50	50	50	50	50	50
d	Φ3.0	Φ2.0	Φ1.5	Φ1.0	Φ0.5	Φ2.0	Φ1.5	Φ2.5	Φ1.5	Φ2.0	Φ1.0
No.	T1	T2	T3	T4	T5	T6	T7	T9	T10	T11	T12
Type	Ball					Bull nose		Drill		Flat	

# CAD / CAM Milling Machine- Amann Girrbach / Zotion Zirconia /Ti/CoCr /Glass /PMMA/WAX



**Amann Girrbach**  
Glass ceramic milling burs

L	14	14	13	13
D	3	3	3	3
TL	43	43	43	43
d	Φ1.8	Φ1.4	Φ1.0	Φ0.4



**Amann Girrbach**  
Zirconia milling burs

L	18	16	10
D	3	3	3
TL	47	47	47
d	Φ2.5	Φ1.0	Φ0.6



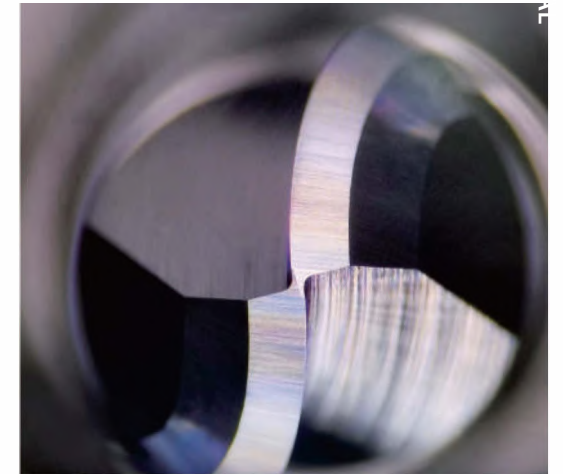
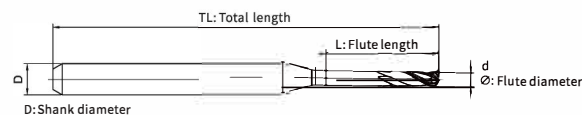
**Amann Girrbach**  
PMMA milling burs

L	18	16	8
D	3	3	3
TL	47	47	47
d	Φ2.5	Φ1.0	Φ0.6

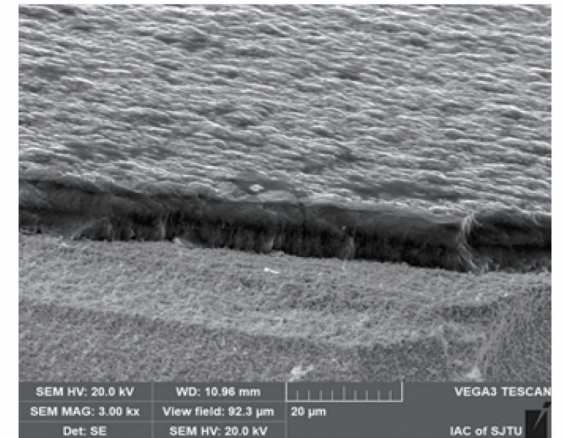


**Zotion**  
Zirconia milling burs

L	16	16	8
D	4	4	4
TL	50	50	50
d	Φ2.0	Φ1.0	Φ0.6



Unique blade design, sharper and more wear-resistant.



Electron microscope image of multilayer composite diamond coating.

Imported nano-grade tungsten steel rods: more stable, more wear-resistant and more efficient.

The titanium metal milling burs of BurDental is made of imported tungsten steel and PVD coating from Balzers of Germany, which makes the milling tools more stable. At the same time, it adopts the unique blade shape independently developed to increase the lifetime several times.

Zirconia milling burs adopts German composite multi-layer diamond coating technology: it makes the surface of the tool smoother, has a smaller friction coefficient, higher collapse resistance, and good wear resistance.

NOTES:

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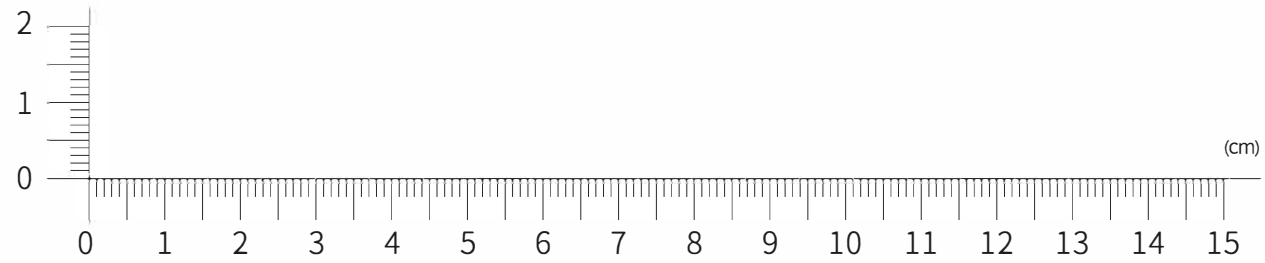
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**B&D TECHNOLOGIES**  
**Milling Tools**

