Vsmile®
HappyZir

Digital CAD/CAM Solutions

Milling Tools

■ One-stop Solution for Perfect Smile

Milling Tools

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Vsmile®
HappyZir

One-stop Solution for Perfect Smile

130+
Countries and regions

6000+
Dental labs

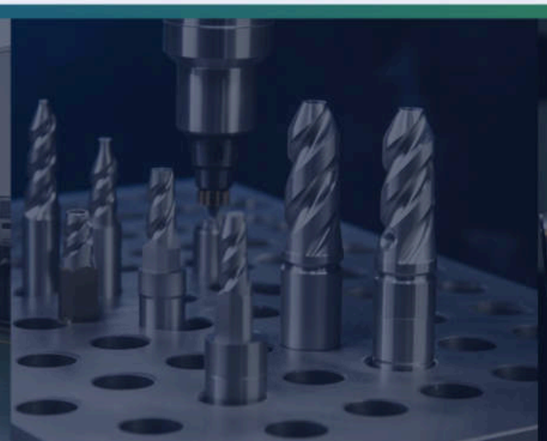
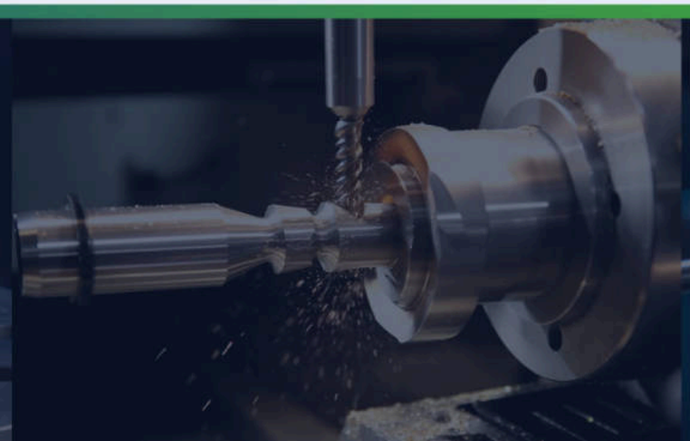
Hunan Vsmile Biotechnology Co., Ltd. – established in 2018 and headquartered in Changsha, China – is a leading one-stop oral digital solution provider dedicated to delivering high-quality dental digital materials and equipment.

Our Mission: To empower dental labs and clinicians worldwide with reliable digital dental solutions, making every restoration easier, safer, and more efficient.

Our Vision: To advance global oral health and aesthetic restoration, making healthy and confident smiles accessible to people everywhere.

Our Core Values: Customer Obssesion Integrity & Passion
Professionalism & Efficiency Innovation & Growth

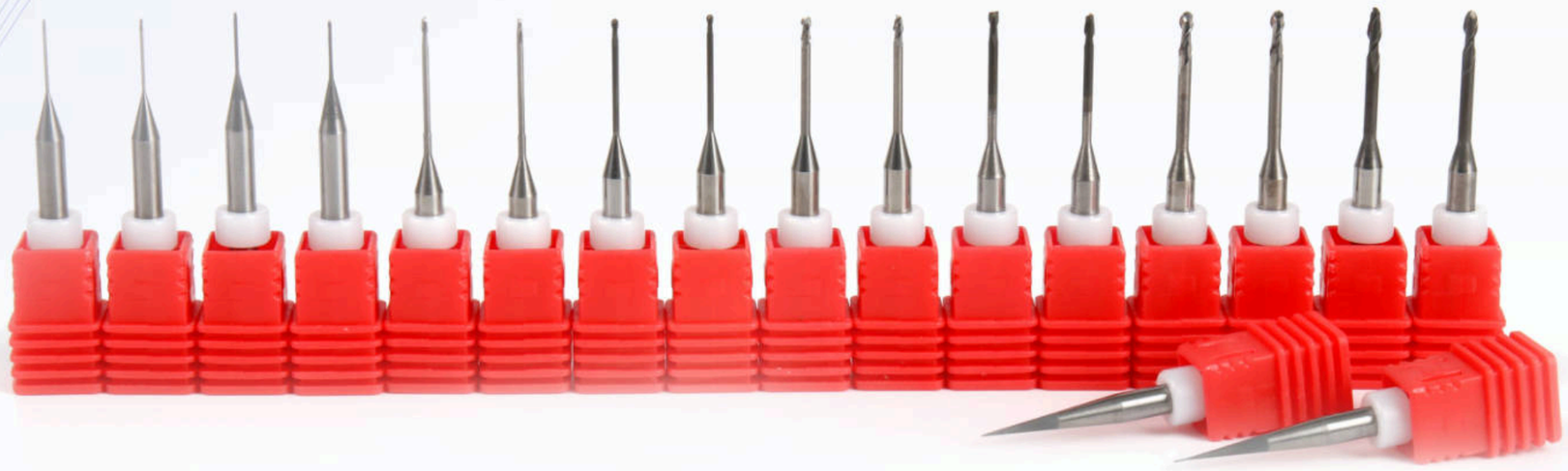
Backed by over 20 years of deep industry experience, a team of 10+ R&D experts, and 3 state-of-the-art manufacturing facilities, we produce more than 5,000,000 units of dental materials annually. We invest 10% of our annual revenue in research and development, holding over 20 patents to drive innovation, while achieving an impressive 200% annual revenue growth rate. With a global presence across 120+ countries, we collaborate with 40+ dealer partners and have served over 6,000 dental labs worldwide.


Milling Tools

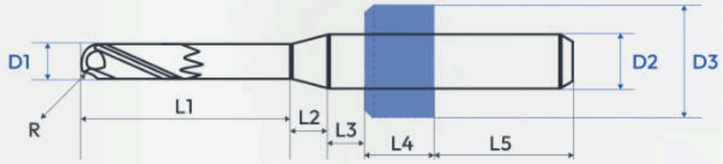
Vsmile family

Milling Tools



1.Customized Dental Burs Service

If you can't find the burs you need in our catalog, simply **send us your technical drawings** with detailed specifications, including **dimensions, shapes, and any other relevant information**. Our team of experts will work closely with you, ensuring the highest quality and precision in every customized bur.



Head Shape	Ball	Flat	Torus	Drill	Conical

2. Coating Technologies



Chemical Vapor Deposition(CVD Coating)

Technology: Chemical Vapor Deposition (CVD) is a proven method for coating metal cutting tools. It significantly extends tool life, increases cutting efficiency, and improves workpiece quality.

Performance: Extends cutting tool life up to 20 times compared to uncoated tools. Enhances cutting speed and precision.



Diamond Coating (DC)

Technology: Diamond coating (DC) provides exceptional performance for machining highly abrasive materials.

Performance: Offers several times longer lifespan than non-diamond coated tools.



Diamond-Like Coating (DLC)

Technology: DLC is a hydrogen-free carbon coating with high sp3/sp2 ratio, providing diamond-like hardness, thermal stability, and adhesion.

Performance: Combines high hardness with excellent thermal stability.



Titanium-Silicon-Nitride (TiSiN)

Technology: TiSiN is a multi-layer coating with low adhesion tendency, allowing operation at high temperature up to 1100°C.

Performance: Ideal for machining metals with excellent heat resistance and durability.



No Coating (NC)

Design: Specifically engineered for PMMA machining to prevent static electricity during milling.

Performance: Reduces friction and static buildup, ensuring smooth milling and preventing material adhesion.



Diamond Abrasive

Material: Diamond abrasive burs for efficient machining of lithium disilicate.

Performance: Provides precise cutting and finishing for lithium disilicate restorations.

3.Selection Guide

Coating Type	Recommended Application	Lifespan (Crowns)	Special Features
CVD (Chemical Vapor Deposition)	Zirconia	500-800	Extends tool life and enhances cutting efficiency via chemical vapor deposition.
DC (Diamond Coating)	Zirconia, Acrylic, PEEK, Wax	300-500	Offers superior performance for abrasive materials with a diamond coating, significantly increasing tool lifespan.
DLC (Diamond-Like Coating)	Zirconia, Acrylic, PEEK, Wax	120-150	Provides diamond-like hardness and thermal stability through a hydrogen-free carbon coating.
Metal (TiSiN)	Titanium/CoCr	80-100/40 hours	A multi-layer coating for machining metals at high temperatures, offering excellent heat resistance.
NC	PMMA	50 hours	Engineered for PMMA machining, it reduces friction and static, ensuring smooth milling.
Diamond Abrasive	Lithium Disilicate	20	Specifically designed for efficiently machining lithium disilicate.

4.Troubleshooting Guide-Common Issues

Bur broken	Crown edge chipping	Equipment Alarm
Zirconia block is too hard	Equipment vibration	Incorrect bur positioning ring
Unstable machine spindle	Mixed material cutting	Automatic tool setting instrument failure
Excessive lateral cutting	Burs edges damaged	Bur size doesn't meet requirements
Milling machine is not calibrated or is calibrated incorrectly	Insufficient equipment precision	
Insufficient cooling	Coating breakaway	
Effective length doesn't match material thickness	CAM software programming issues	
Automatic tool setting instrument failure		
The layout program does not match the material size		
Milling machine hits tool magazine		

*If you encounter any of these issues and need further assistance, please don't hesitate to contact our customer service team immediately. Our business representatives are ready to help you solve any problems you may encounter.

Vsmile Bur
Compatible with

VHF





Head Type	Vsmile Burs No.	Head dia. (mm)	Shank dia. (mm)	Overall length	Coating	Millable Materials	Compatible Machine	Compatible MFG NO.
Ball	VHF101UL	0.3	3.0	35	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	VHF K1 / K2 / K4 / Z4 / S5	U030-R2-35
	VHF102UL	0.6	3.0	35	DC/DLC/NC	Zir PMMA Acrylic PEE KWax	VHF K1 / K2 / K4 / Z4 / S5	Z060-R2D-35*(DC) /U060-R2-35
	VHF103UL	1.0	3.0	35	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	VHF K1 / K2 / K4 / Z4 / S5	Z100-R2D-35*(DC) /Z100-R2-35(DLC) /P100-R2-35(NC)
	VHF104UL	2.0	3.0	35	DLC/NC	Zir PMMA Acrylic PEEK Wax	VHF K1 / K2 / K4 / Z4 / S5	Z200-R3D-35*(DC) /Z200-R3-35(DLC) /P200-R2-35(NC)
Flat	VHF101ULF	1.2	3.0	35	DC/DLC	Zir	VHF K1 / K2 / K4 / Z4 / S5	Z120-F2D-35*
	VHF102ULF	f2.5 1flute	3.0	35	NC	PMMA Acrylic Wax	VHF K1 / K2 / K4 / Z4 / S5	P250-F1-35(Flat-End Single-Blade)

*The short diamond-cooted toolsmay only be used for miling zirconium with Z4 / N4 / N4+ / K4 ediflon; they must not be used in K4 due to lacking electric condutivity

Head Type	Vsmile Burs No.	Head dia. (mm)	Shank dia. (mm)	Overall length	Coating	Millable Materials	Compatible Machine	Compatible MFG NO.
Ball	VHF201UL	0.3	3.0	40	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	VHF K5 / R5 / S1 / S2	U030-R2-40
	VHF202UL	0.6	3.0	40	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	VHF K5 / R5 / S1 / S2	Z060-R2D-40(DC) /U060-R2-40
	VHF203UL	1.0/1.0 1flute	3.0	40	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	VHF K5 / R5 / S1 / S2	Z100-R2D-40(DC) /P100-R2-40(NC) /P100-R1-40(NC-Single blade)
	VHF204UL	2.0/2.0 1flute	3.0	40	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	VHF K5 / R5 / S1 / S2	Z200-R3D-40(DC) /P200-R2-40(NC) /P200-R1-40(NC-Single blade)
Flat	VHF200ULF	f0.5	3.0	40	NC	PMMA	VHF K5 / R5 / S1 / S2	U050-F2-40
	VHF206ULF	f1.2	3.0	40	CVD/DC/DLC/NC	Zir/PMMA	VHF K5 / R5 / S1 / S2	Z120-F2D-40 /U120-F2-40(DLC)
	VHF207ULF	f2.5 1flute	3.0	40	NC	Zir PMMA Acrylic PEEK Wax	VHF K5 / R5 / S1 / S2	P250-F1-40
Ball	VHF208UL	2.0	3.0	40	DC	Zir	VHF E5 AIRTOOL /E4	Z200-R3D-40-T
	VHF209UL	2.0 1flute	3.0	40	DC	Composite	VHF E5 AIRTOOL /E4	C200-R1D-40-T(Single-Blade)
Flat	VHF210ULF	f2.5 1flute	3.0	40	NC	PMMA Acrylic PEEK Wax	VHF E5 AIRTOOL /E4	P250-F1-40-T(Flat-End Single-Blade)
Ball	VHF301SIC	0.6/0.6 short	3.0	35	SiC	Glass Ceramic	VHF R5 / Z4 / N4 / N4+ / S5	G060-R-35 /G060-T-35
	VHF302SIC	1.0	3.0	35	SiC	Glass Ceramic	VHF R5 / Z4 / N4 / N4+ / S5	G100-R-35
	VHF303SIC	2.4	3.0	35	SiC	Glass Ceramic	VHF R5 / Z4 / N4 / N4+ / S5	G240-R-35
	VHF304SIC	2.6	3.0	35	SiC	Glass Ceramic	VHF R5 / Z4 / N4 / N4+ / S5	
Ball 32mm*	VHF401TS	0.6	3.0	32*	TiSiN	Titanium CoCr	VHF Z4 / N4 / N4+	M060-R2-32
	VHF402TS	1.0	3.0	32*	TiSiN	Titanium CoCr	VHF Z4 / N4 / N4+	M100-R2-32
	VHF403TS	2.0	3.0	32*	TiSiN	Titanium CoCr	VHF Z4 / N4 / N4+	M200-R4-32
Ball 35mm	VHF501TS	0.6	3.0	35	TiSiN	Titanium CoCr	VHF R5 / S1 / S2 / S5	M060-R2-35
	VHF502TS	1.0	3.0	35	TiSiN	Titanium CoCr	VHF R5 / S1 / S2 / S5	M100-R2-35
	VHF503TS	2.0	3.0	35	TiSiN	Titanium CoCr	VHF R5 / S1 / S2 / S5	M200-R4-35
Flat	VHF504TSF	f1.2	3.0	35	TiSiN	Titanium CoCr	VHF R5 / S1 / S2 / S5	M120-T2-35

*Titanium may only be wet milled-only possible with R5 Z4 N4 N4+ S1 S2 S5.

Vsmile Bur
Compatible with

Roland



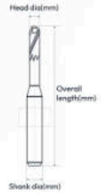


Head Type	Vsmile Burs No.	Head dia. (mm)	Shank dia. (mm)	Overall length (mm)	Coating	Millable Materials	Compatible Machine	Compatible MFG NO.
Ball	RL101UL	0.3	4.0	50	DC/DLC/NC	Zir PMMA Acrylic PEEKWax	Roland DWX-52DCi / DWX-53DC / DWX-52D plus	ZCB-15D-US(Uncoated)
	RL102UL	0.6	4.0	50	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Roland DWX-52DCi / DWX-53DC / DWX-52D plus	ZDB-30D-US(DC) ZPB-30D(DLC) ZCB-30D-US(NC)
	RL103UL	1.0	4.0	50	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEKWax	Roland DWX-52DCi / DWX-53DC / DWX-52D plus	ZDB-50D-US(DC) ZPB-50D(DLC) ZCB-50D-US(NC)
	RL104UL	2.0	4.0	50	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Roland DWX-52DCi / DWX-53DC / DWX-52D plus	ZDB-100D-US(DC) ZPB-100D(DLC) ZCB-100D-US(NC)
	RL121UL	3.0	4.0	50	DC	Zir	Roland DWX-52DCi / DWX-53DC / DWX-52D plus	ZDB-150D-US(DC)
	RL122UL	0.8	4.0	50	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Roland DWX-52DCi / DWX-53DC / DWX-52D plus	ZCB-40D
Ball & long neck	RL105UL-L	0.3(L12mm)/ 0.3 Conical	4.0	50	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Roland DWX-52DCi / DWX-53DC / DWX-52D plus	Long Neck Special Designed for 40mm Disk
	RL106UL-L	0.6(L10mm)/ 0.6(L14mm)	4.0	50	DC/DLC/NC	Zir PMMAAcrylic PEEK Wax	Roland DWX-52DCi / DWX-53DC / DWX-52D plus	Long Neck Special Designed for 40mm Disk
	RL107UL-L	1.0(L20mm)	4.0	50	CVD/DC/DLC/NC	Zir PMMAAcrylic PEEK Wax	Roland DWX-50 / DWX-51 / DWX-52D	Long Neck Special Designed for 40mm Disk
	RL108UL-L	2.0(L20mm)	4.0	50	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Roland DWX-50 / DWX-51 / DWX-52D	Long Neck Special Designed for 40mm Disk
	RL131UL-L	1.0(L25mm)	4.0	50	DC	Zir	Roland DWX-52DCi / DWX-53DC / DWX-52D plus	Long Neck Special Designed for 40mm Disk
	RL132UL-L	2.0(L25mm)	4.0	52*	DC	Zir	Roland DWX-52DCi / DWX-53DC / DWX-52D plus	Long Neck Special Designed for 40mm Disk
Ball 55mm*	RL109UL	0.6*TL55	4.0	55*	CVD/NC	Zir PMMA Acrylic PEEK Wax	Roland DWX-53 DC	ZPB-30D
	RL110UL	1.0*TL55	4.0	55*	CVD/NC	Zir PMMA Acrylic PEEK Wax	Roland DWX-53 DC	ZPB-50D
	RL111UL	2.0*TL55	4.0	55*	CVD/NC	Zir PMMAAcrylic PEEK Wax	Roland DWX-53 DC	ZPB-100D
Flat-end	RL201ULF	f0.6	4.0	50	DC/DLC	Zir	Roland DWX-52DCi / DWX-52D plus	
	RL202ULF	f1.0	4.0	50	DC/DLC	Zir	Roland DWX-52DCi / DWX-52D plus	
	RL203ULF	f1.5	4.0	50	DC/DLC	Zir	Roland DWX-52DCi / DWX-52D plus	
	RL204ULF	f2.0	4.0	50	DC/DLC	Zir	Roland DWX-52DCi / DWX-52D plus	
Flat & long neck	RL205ULF-L	f0.6 long neck	4.0	50	DC/DLC	Zir	Roland DWX-52DCi / DWX-52D plus	PT06-10(DLC)/ SpecialDesigned for miling extra long screw channels
	RL206ULF-L	f1.0 long neck	4.0	50	DC/DLC	Zir	Roland DWX-52DCi / DWX-52D plus	PT1-20/ Special Designed for milling extra long screw channels
	RL207ULF-L	f1.5 long neck	4.0	50	DC/DLC	Zir	Roland DWX-52DCi / DWX-52D plus	SspecialDesigned for miling extra long screw channels
	RL208ULF-L	f2.0 long neck	4.0	50	DC/DLC	Zir	Roland DWX-52DCi / DWX-52D plus	PT2-20/ SpecialDesigned for miling extra long screw channels
Ball	RL301SIC	0.6	3.0	40	SiC	Glass Ceramic	Roland DWX-42W	ZGB2-25D(High Quanlity) ZGB-25D
	RL302SIC	1.0	3.0	40	SiC	Glass Ceramic	Roland DWX-42W	ZGB2-50D(High Quanlity) ZGB-50D
	RL303SIC	2.5	3.0	40	SiC	Glass Ceramic	Roland DWX-42W	ZGB2-125DC(High Quanlity) ZGB-125D
Ball	RL401TS	1.0	3.0	40	TiSiN	Premill	Roland DWX-42W	
	RL402TS	2.0	3.0	40	TISIN	Premill	Roland DWX-42W	
	RL403TS	3.0	3.0	40	TiSiN	Premill	Roland DWX-42W	

Vsmile Bur
Compatible with

imes-icore

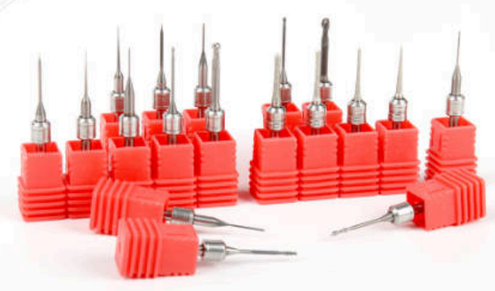


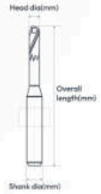


Head Type	Vsmile Burs No.	Head dia. (mm)	Shank dia. (mm)	Overall length (mm)	Coating	Millable Materials	Compatible Machine	Compatible MFG NO.
Ball	IMS101UL	0.3/0.3 conical	3.0	48	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	CORiTEC 150i / CORiTEC 250i	T33(Conical 2blades)
	IMS102UL	0.6/0.6conical	3.0	48	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	CORiTEC 150i / CORiTEC 250i	T32(L12mm 2blades) /T15(NC Conical)
	IMS103UL	1.0/1.0 1flute	3.0	48	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	CORiTEC 150i / CORiTEC 250i	T14(Zr) /T12(NC) /T12(NC single blade)
	IMS104UL	2.5/2.5 1flute	3.0	48	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	CORiTEC 150i / CORiTEC 250i	T13(Zir) /T11(NC) /T11(NC single blade)
	IMS105UL	1.5	3.0	48	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	CORiTEC 150i / CORiTEC 250i	T6(L15mm 2blades)
	IMS106UL	2.0	3.0	48	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	CORiTEC 150i / CORiTEC 250i	
Flat	IMS105ULF	f1.5	3.0	48	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	CORiTEC 150i / CORiTEC 250i	T17(L15mm 2blades)
/	IMS201SIC	0.6	3.0	40	SiC	Glass Ceramic	CORiTEC 150i / 250iLoader Pro	T23
	IMS202SIC	1.0	3.0	40	SiC	Glass Ceramic	CORiTEC 150i / 250iLoader Pro	T22
	IMS203SIC	2.5	3.0	40	SiC	Glass Ceramic	CORiTEC 150i / 250iLoader Pro	T21
Ball	IMS302TS	1.0	3.0	48	TiSiN	Titanium CoCr	CORiTEC 150i / 250iLoader Pro	T4/T9(L9mm,2blades)
	IMS304TS	2.0	3.0	48	TiSiN	Titanium CoCr	CORiTEC 150i / 250iLoader Pro	T2/T7(L12mm,2blades)
	IMS305TS	3.0	3.0	48	TiSiN	Titanium CoCr	CORiTEC 150i / 250iLoader Pro	T1/T6(L15mm,2blades)
Ball	IMS301UL	0.3/0.3 conical	6.0	50	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	CORiiTEC 350i / 350i Pro / 650i	T33(Conical 2blades)
	IMS302UL	0.6/0.6 conical	6.0	50	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	CORiiTEC 350i / 350i Pro / 650i	T32(L12mm 2blades) / T15(NC Conical)
	IMS303UL	1.0/1.0 1fute	6.0	50	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	CORiiTEC 350i / 350i Pro / 650i	T14(Zr) /T12(NC) / T12(NC single blade)
	IMS304UL	1.5	6.0	50	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	CORiiTEC 350i / 350i Pro / 650i	T37(L20mm 2blades) / T16(15mm 2blades)
	IMS305UL	2.0	6.0	50	NC	Zir PMMA Acrylic PEEK Wax	CORiiTEC 350i / 350i Pro / 650i	T35(L20mm 2blades)
	IMS306UL	2.5/2.5 1fute	6.0	50	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	CORiiTEC 350i / 350i Pro / 650i	T13(Zir) / T11(NC/ T11(NC single blade)
Flat	IMS307ULF	f.5	6.0	50	DC/NC	Zir PMMA Acrylic PEEK Wax	CORiiTEC 350i / 350i Pro / 650i	T17(L15mm 2blades)
/	IMS401SIC	0.6	6.0	40	SiC	Glass Ceramic	CORiiTEC 350i / 350i Pro / 650i	T23(Conical)
	IMS402SIC	1.0	6.0	40	SiC	Glass Ceramic	CORiiTEC 350i / 350i Pro / 650i	T22
	IMS403SIC	2.5	6.0	40	SiC	Glass Ceramic	CORiiTEC 350i / 350i Pro / 650i	T21
Ball	IMS501TSB	0.5	6.0	45	TiSiN	Titanium CoCr	CORiiTEC 350i / 350i Pro / 650i	T18(L4mm 2blades Universal)
	IMS502TSB	1.0	6.0	50	TiSiN	Titanium CoCr	CORiiTEC 350i / 350i Pro / 650i	T4/T9(L9mm, 2blades)
	IMS503TSB	1.5	6.0	50	TiSiN	Titanium CoCr	CORiiTEC 350i / 350i Pro / 650i	T3/T8(L12mm,2blades)
	IMS504TSB	2.0	6.0	50	TiSiN	Titanium CoCr	CORiiTEC 350i / 350i Pro / 650i	T2/T7L12mm,2blades)
	IMS505TSB	3.0	6.0	50	TiSiN	Titanium CoCr	CORiiTEC 350i / 350i Pro / 650i	T/T6(L15mm, 2blades)
Ball long neck	IMS506TSB-L	1.0(L11mm)	6.0	50	TiSiN	Titanium CoCr	CORiiTEC 350i / 350i Pro / 650i	T29(L11mm)
	IMS507TSB-L	1.5(L15mm)	6.0	48	TiSiN	Titanium CoCr	CORiiTEC 350i / 350i Pro / 650i	T28(L15mm)
	IMS508TSB-L	2.0(L16mm)	6.0	50	TiSiN	Titanium CoCr	CORiiTEC 350i / 350i Pro / 650i	T27(L16mm)
	IMS509TSB-L	3.0(L20mm)	6.0	50	TiSiN	Titanium CoCr	CORiiTEC 350i / 350i Pro / 650i	T26(L20mm)
Flat	IMS501TSF	f0.5	6.0	45	TiSiN	Titanium CoCr	CORiiTEC 350i / 350i Pro / 650i	T19(L4mm,2blades Universal)
	IMS502TSF	f1.0	6.0	50	TiSiN	Titanium CoCr	CORiiTEC 350i / 350i Pro / 650i	
	IMS503TSF	f1.5(L12mm) /f1.5(L15mm) /f1.5(L7mm,4blades)	6.0	46 / 50	TiSiN	Titanium CoCr	CORiiTEC 350i / 350i Pro / 650i	T5/T10(L12mm,4blades) /T68(L15mm,4blades Universal) /T69(L7mm,4blades)
	IMS504TSF	f2.0	6.0	45	TiSiN	Titanium CoCr	CORiiTEC 350i / 350i Pro / 650i	T67(L7mm.4blades)
Torus	IMS501TST	1.5(L7mm)/ 1.5(L15mm)	6.0	45 / 48	TiSiN	Titanium CoCr	CORiiTEC 350i / 350i Pro / 650i	T63(L7mm 2blades) /T64(L15mm,2blades)
	IMS502TST	2.0	6.0	50	TiSiN	Titanium CoCr	CORiiTEC 350i / 350i Pro / 650i	T62(L16mm,4blades)
Drill	IMS501TSD	1.5	6.0	50	TiSiN	Titanium CoCr	CORiiTEC 350i / 350i Pro / 650i	T81(L18mm)
	IMS502TSD	2.2	6.0	50	TiSiN	Titanium CoCr	CORiiTEC 350i / 350i Pro / 650i	
	IMS503TSD	2.5	6.0	50	TiSiN	Titanium CoCr	CORiiTEC 350i / 350i Pro / 650i	T80(L22mm)

Vsmile Bur
Compatible with

Amann Girrbach





Head Type	Vsmile Burs No.	Head dia. (mm)	Shank dia. (mm)	Overall length (mm)	Coating	Millable Materials	Compatible Machine	Compatible MFG NO.
Ball	AG101UL	0.3/0.3 conical	3.0	47	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Ceramill Matik /Motion 2 /Motion3	T6 Conical 760663(DC)760667(DLC)760671(NC)
	AG102UL	0.6/0.6 1flute	3.0	47	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Ceramill Matik /Motion 2 /Motion3	T3 760662(DC)760666(DLC)760670(NC &single blade available)
	AG103UL	1.0/1.0 1flute	3.0	47	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Ceramill Matik /Motion 2 /Motion3	T2 760667(DC)760665(DLC)760669(NC &single blade available)
	AG104UL	2.5/2.5 1flute	3.0	47	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Ceramill Matik /Motion 2 /Motion3	T1 760660(DC)760664(DLC)760668(NC &single blaode available)
Flat	AG111ULF	f0.6	3.0	47	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Ceramill Matik /Motion 2 /Motion3	T4 SpecialDesigned For very precise miling
	AG112ULF	f1.2	3.0	47	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Ceramill Matik /Motion 2 /Motion3	T5 760694
/	AG201SIC	0.4	3.0	43	SiC	Glass Ceramic	Ceramill Matik /Motion 2 /Motion3	760679
	AG202SIC	1.0	3.0	43	SiC	Glass Ceramic	Ceramill Matik /Motion 2 /Motion3	760678
	AG203SIC	1.4	3.0	43	SiC	Glass Ceramic	Ceramill Matik /Motion 2 /Motion3	760677
	AG204SIC	1.8	3.0	43	SiC	Glass Ceramic	Ceramill Matik /Motion 2 /Motion3	760676
/	AG205SIC	1.0	3.0	43	SiC	Glass Ceramic	Ceramill Matik /Motion 2 /Motion3	751006
	AG206SIC	2.0	3.0	43	SiC	Glass Ceramic	Ceramill Matik /Motion 2 /Motion3	751004
Ball	AG301TS	1.0	3.0	43	TiSiN	Titanium CoCr	Ceramill Matik /Motion 2 /Motion3	760673
	AG302TS	2.0	3.0	43	TiSiN	Titanium CoCr	Ceramill Matik /Motion 2 /Motion3	760672

Vsmile Bur
Compatible with

Zirkonzahn





Head Type	Vsmile Burs No.	Head dia. (mm)	Shank dia. (mm)	Overall length (mm)	Coating	Millable Materials	Compatible Machine	Compatible MFG NO.
Ball	ZZ1014UL	0.5	3.0	57	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	M1 Soft Miling Unit M1,M3 M5	FR055(DC) FR056(NC)
	ZZ102UL	1.0	3.0	57	CVD/DC/DLC/NC	Zr PMMA Acrylic PEEK Wax	M1 Soft Miling Unit M1,M3 M5	FR045(DC) FR046(NC)
	ZZ103UL	2.0	3.0	57	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	M1 Soft Miling Unit M1,M3 M5	FR035(DC) FR036(NC)
Flat	ZZ104ULF	1.5	3.0	57	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	M1 Soft Miling Unit M1,M3 M5	FR235(DC) FR236(NC)
Ball	ZZ201UL	0.3	6.0	50	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	M1 M2 M4 M6	FR5006(DLC is better for 0.3mm) FR6006(NC)
	ZZ202UL	0.5	6.0	50	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	M1 M2 M4 M6	FR5005(DC) FR6005(NC)
	ZZ204UL	1.0	6.0	50	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	M1 M2 M4 M6	FR5003(DC) FR6003(NC)
	ZZ205UL	2.0 / 2.0flute	6.0	50	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	M1 M2 M4 M6	FR5001(DC) FR6001(NC) FR6008(NC Single-Blade)
	ZZ206UL	3.0	6.0	50	DC/NC	Zir PMMA Acrylic PEK Wax	M1 M2 M4 M6	FR5031(DC) / FR6031(NC)
Flat	ZZ206ULF	0.6	6.0	50	DC/NC	Zir PMMA Acrylic PEEK Wax	M1 M2 M4 M6	FR5004(DC) / FR6004(NC)
	ZZ207ULF	1.5*L18mm	6.0	50	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	M1 M2 M4 M6	FR5002(DC) / FR6002(NC)
	ZZ208ULF-L	1.5*L21mm	6.0	50	DC/NC	Zir PMMA Acrylic PEEK Wax	M1 M2 M4 M6	FR5008(DC) / FR6010(NC)
/	ZZ30TUL	0.6	6.0	50	SiC	Glass Ceramic	M1 M2 M4 M6	ZBAC2006
	ZZ302UL	1.25	6.0	50	SiC	Glass Ceramic	M1 M2 M4 M6	ZBAC2016
	ZZ303UL	2.5	6.0	50	SiC	Glass Ceramic	M1 M2 M4 M6	ZBAC2026
Ball	ZZ401TS	0.5	6.0	50	TiSiN	Titanium CoCr	M1 M2 M4 M6	FR1151
	ZZ402TS	1.0	6.0	50	TiSiN	Titanium CoCr	M1 M2 M4 M6	FR1101
	ZZ403TS	2.0	6.0	50	TiSiN	Titanium CoCr	M1 M2 M4 M6	FR1121
	ZZ404TS	3.0	6.0	50	TiSiN	Titanium CoCr	M1 M2 M4 M6	FR1131
Flat	ZZ501TSF	f0.5	6.0	50	TiSiN	Titanium CoCr	M1 M2 M4 M6	FR1111
	ZZ502TSF	f.2	6.0	50	TiSiN	Titanium CoCr	M1 M2 M4 M6	FR1211
	ZZ503TSF	f1.5	6.0	50	TiSiN	Titanium CoCr	M1 M2 M4 M6	FR1201
	ZZ504TSF-L	f.5 long neck	6.0	50	TiSiN	Titanium CoCr	M1 M2 M4 M6	FR1231
Torus	ZZ601TST	1.5	6.0	50	TiSiN	Titanium CoCr	M1 M2 M4 M6	FR1021
	ZZ602TST	2.0	6.0	50	TiSiN	Titanium CoCr	M1 M2 M4 M6	FR1011
	ZZ603TST	3.0	6.0	50	TiSiN	Titanium CoCr	M1 M2 M4 M6	FR1001

0.5R/1R/2R/3Rmeans Ball-end with head diameter 0.5,1.0,2.0,3.0(R=ball-end)

Tips for Zirkonzahn D6 shank Metal burs:

0.5S/1.2S/1.5S/1.5SXL(meas Flat-end with head diameter 0.5,1.2,1.5 & Flat-end 1.5 long neck,(S=Flat-end,XL=long neck)
1.5T/2T/3T (means Torus 1.5,2.0,3.0) (T=Torus)

Vsmile Bur
Compatible with

Yenadent





Head Type	Vsmile Burs No.	Head dia. (mm)	Shank dia. (mm)	Overall length (mm)	Coating	Millable Materials	Compatible Machine	Compatible MFG NO.
Ball	ZZ1014UL	0.5	3.0	57	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	M1 Soft Miling Unit M1,M3 M5	FR055(DC) FR056(NC)
	ZZ102UL	1.0	3.0	57	CVD/DC/DLC/NC	Zr PMMA Acrylic PEEK Wax	M1 Soft Miling Unit M1,M3 M5	FR045(DC) FR046(NC)
	ZZ103UL	2.0	3.0	57	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	M1 Soft Miling Unit M1,M3 M5	FR035(DC) FR036(NC)
Flat	ZZ104ULF	1.5	3.0	57	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	M1 Soft Miling Unit M1,M3 M5	FR235(DC) FR236(NC)
Ball	ZZ201UL	0.3	6.0	50	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	M1 M2 M4 M6	FR5006(DLC is better for 0.3mm) FR6006(NC)
	ZZ202UL	0.5	6.0	50	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	M1 M2 M4 M6	FR5005(DC) FR6005(NC)
	ZZ204UL	1.0	6.0	50	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	M1 M2 M4 M6	FR5003(DC) FR6003(NC)
	ZZ205UL	2.0 / 2.0flute	6.0	50	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	M1 M2 M4 M6	FR5001(DC) FR6001(NC) FR6008(NC Single-Blade)
	ZZ206UL	3.0	6.0	50	DC/NC	Zir PMMA Acrylic PEK Wax	M1 M2 M4 M6	FR5031(DC) / FR6031(NC)
Flat	ZZ206ULF	0.6	6.0	50	DC/NC	Zir PMMA Acrylic PEEK Wax	M1 M2 M4 M6	FR5004(DC) / FR6004(NC)
	ZZ207ULF	1.5*L18mm	6.0	50	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	M1 M2 M4 M6	FR5002(DC) / FR6002(NC)
	ZZ208ULF-L	1.5*L21mm	6.0	50	DC/NC	Zir PMMA Acrylic PEEK Wax	M1 M2 M4 M6	FR5008(DC) / FR6010(NC)
/	ZZ30TUL	0.6	6.0	50	SiC	Glass Ceramic	M1 M2 M4 M6	ZBAC2006
	ZZ302UL	1.25	6.0	50	SiC	Glass Ceramic	M1 M2 M4 M6	ZBAC2016
	ZZ303UL	2.5	6.0	50	SiC	Glass Ceramic	M1 M2 M4 M6	ZBAC2026
Ball	ZZ401TS	0.5	6.0	50	TiSiN	Titanium CoCr	M1 M2 M4 M6	FR1151
	ZZ402TS	1.0	6.0	50	TiSiN	Titanium CoCr	M1 M2 M4 M6	FR1101
	ZZ403TS	2.0	6.0	50	TiSiN	Titanium CoCr	M1 M2 M4 M6	FR1121
	ZZ404TS	3.0	6.0	50	TiSiN	Titanium CoCr	M1 M2 M4 M6	FR1131
Flat	ZZ501TSF	f0.5	6.0	50	TiSiN	Titanium CoCr	M1 M2 M4 M6	FR1111
	ZZ502TSF	f.2	6.0	50	TiSiN	Titanium CoCr	M1 M2 M4 M6	FR1211
	ZZ503TSF	f1.5	6.0	50	TiSiN	Titanium CoCr	M1 M2 M4 M6	FR1201
	ZZ504TSF-L	f.5 long neck	6.0	50	TiSiN	Titanium CoCr	M1 M2 M4 M6	FR1231
Torus	ZZ601TST	1.5	6.0	50	TiSiN	Titanium CoCr	M1 M2 M4 M6	FR1021
	ZZ602TST	2.0	6.0	50	TiSiN	Titanium CoCr	M1 M2 M4 M6	FR1011
	ZZ603TST	3.0	6.0	50	TiSiN	Titanium CoCr	M1 M2 M4 M6	FR1001

0.5R/1R/2R/3Rmeans Ball-end with head diameter 0.5,1.0,2.0,3.0(R=ball-end)

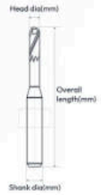
Tips for Zirkonzahn D6 shank Metal burs:

0.5S/1.2S/1.5S/1.5SXL(meas Flat-end with head diameter 0.5,1.2,1.5 & Flat-end 1.5 long neck,(S=Flat-end,XL=long neck)
1.5T/2T/3T (means Torus 1.5,2.0,3.0) (T=Torus)

Vsmile Bur
Compatible with

Wieland





Head Type	Vsmile Burs No.	Head dia. (mm)	Shank dia. (mm)	Overall length (mm)	Coating	Millable Materials	Compatible Machine
Ball	WL101UL	0.3	3.0	35	DLC/NC	Zir PMMA Acrylic PEEK Wax	Zenotec Mini / Selection
	WL102UL	0.7	3.0	35	DLC/NC	Zir PMMA Acrylic PEEK Wax	Zenotec Mini / Selection
	WL103UL	1.0	3.0	35	DLC/NC	Zir PMMA Acrylic PEEK Wax	Zenotec Mini / Selection
	WL104UL	2.5	3.0	35	DLC/NC	Zir PMMA Acrylic PEEK Wax	Zenotec Mini / Selection
Ball	WL201UL	0.3	3.0	40	DLC/NC	Zir PMMA Acrylic PEEK Wax	Zenotec Mini / Selection
	WL202UL	0.7/0.7 1flute	3.0	40	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Zenotec Mini / Selection
	WL203UL	1.0/1.0 1flute	3.0	40	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Zenotec Mini / Selection
	WL204UL	2.5/2.5 1flute	3.0	40	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Zenotec Mini / Selection
/	WL301SIC	0.5	3.0	40	SiC	Glass Ceramic	
	WL302SIC	1.0	3.0	40	SiC	Glass Ceramic	
	WL303SIC	2.0	3.0	40	SiC	Glass Ceramic	
	WL304SIC	3.0	3.0	40	SiC	Glass Ceramic	

Vsmile Bur
Compatible with

Dentium





Head Type	Vsmile Burs No.	Head dia. (mm)	Shank dia. (mm)	Overall length (mm)	Coating	Millable Materials
Ball	DT101UL	0.5	3.0	43	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax
	DT102UL	1.0	3.0	50	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax
	DT103UL	2.0	3.0	50	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax
Ball	DT201UL	0.6(CVD) / 0.5DC	4.0 withring	45	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax
	DT202UL	1.0	4.0 with ring	45	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax
	DT203UL	2.0	4.0 with ring	45	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax
Ball	DT301UL	0.5	6.0	50	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax
	DT302UL	1.0	6.0	50	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax
	DT303UL	2.0	6.0	50	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax
I	DT401SIC	0.5	6.0	50	SiC	GlassCeramic
	DT402SIC	1.0	6.0	50	SiC	Glass Ceramic
	DT403SIC	2.0	6.0	50	SiC	Glass Ceramic
Ball	DT501TS	1.5	6.0	45	TiSiN	Titanium CoCr
	DT502TS	2.0	6.0	45	TiSiN	Titanium CoCr
	DT503TS	3.0	6.0	45	TiSiN	Titanium CoCr

Vsmile Bur
Compatible with

XTCERA



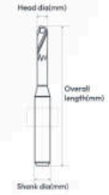


Head Type	Vsmile Burs No.	Head dia. (mm)	Shank dia. (mm)	Overall length (mm)	Coating	Millable Materials	Compatible Machine	Compatible MFG NO.
Ball	XC101UL	0.6	3.0	50	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	X-mill 220	
	XC102UL	1.0	3.0	50	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	X-mill 220	
	XC103UL	2.0	3.0	50	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	X-mill 220	
Ball	XC104UL	0.3	4.0	50	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	X-mill 500 / X-mill 500SE	
	XC105UL	0.6	4.0	50	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	X-mill 500 / X-mill 500SE	T3
	XC106UL	1.0	4.0	50	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	X-mill 500 / X-mill 500SE	T2
	XC107UL	2.0	4.0	50	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	X-mill 500 / X-mill 500SE	T1
Ball &long neck	XC108UL-L	1.0 long neck	4.0	50	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	X-mill 500	
	XC109UL-L	2.0 long neck	4.0	50	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	X-mill 500	
Flat	XC110ULF	f1.0	4.0	50	NC	PMMA Acrylic PEEK Wax	X-mill 500 / X-mill 500SE	T4
/	XC20oSIC	0.6	3.0	45	SiC	Glass Ceramic	X-mill 220	
	XC201SIC	1.0	3.0	45	SiC	Glass Ceramic	X-mill 220	
	XC202SIC	2.5	3.0	45	SiC	Glass Ceramic	X-mill 220	
	XC203SIC	0.6	4.0	45	SiC	Glass Ceramic	X-mill 300	
	XC204SIC	1.0	4.0	45	SiC	Glass Ceramic	X-mill 300	
	XC205SIC	2.5	4.0	45	SiC	Glass Ceramic	X-mill 300	
Ball	XC304TS	1.5	4.0	50	TiSiN	Premill	X-mill 300	
	XC305TS	2.0	4.0	50	TiSiN	Premill	X-mill 300	
	XC306TS	3.0	4.0	50	TiSiN	Premill	X-mill 300	
Ball	XC370NC	0.6	6.0	50	NC	PMMA Acrylic PEEK Wax	X-mill 630	T3
	XC371NC	1.0	6.0	50	NC	PMMA Acrylic PEEK Wax	X-mill 630	T2
	XC372NC	2.0	6.0	50	NC	PMMA Acrylic PEEK Wax	X-mill 630	T1
Ball	XC300TS	1.0	6.0	50	TiSiN	Titanium CoCr	X-mill 600	T3
	XC301TS	1.5	6.0	50	TiSiN	Titanium CoCr	X-mill 600SE	
	XC302TS	2.0	6.0	50	TiSiN	Titanium CoCr	X-mill 600 /X-mill 600SE	T2
	XC303TS	3.0	6.0	50	TiSiN	Titanium CoCr	X-mill 600 /X-mill 600SE	T1
Thread	XC310TSTH	M1.4	6.0	48	TiSiN	Titanium CoCr	X-mill 650 /X-mill 650SE	T16
	XC311TSTH	M1.6	6.0	48	TiSiN	Titanium CoCr	X-mill 650 /X-mill 650SE	T17
	XC312TSTH	M1.8	6.0	48	TiSiN	Titanium CoCr	X-mill 650 /X-mill 650SE	T18
	XC313TSTH	M2.0	6.0	48	TiSiN	Titanium CoCr	X-mill 650 /X-mill 650SE	T19
Drilll	XC314TSD	1.5	6.0	48	TiSiN	Titanium CoCr	X-mill 650 /X-mill 650SE	T11
	XC315TSD	2.2	6.0	48	TiSiN	Titanium CoCr	X-mill 650 /X-mill 650SE	T10
Flat-End	XC316TSF	0.5	6.0	48	TiSiN	Titanium CoCr	X-mill 650 /X-mill 650SE	T9
	XC317TSF	1.0	6.0	48	TiSiN	Titanium CoCr	X-mill 650 /X-mill 650SE	T8
	XC318TSF	1.5(L8mm)	6.0	48	TiSiN	Titanium CoCr	X-mill 650 /X-mill 650SE	T7
	XC319TSF	2.0	6.0	48	TiSiN	Titanium CoCr	X-mill 650 /X-mill 650SE	T6
Torus	XT321TST	1.5*L14mm	6.0	48	TiSiN	Titanium CoCr	X-mill 650 /X-mill 650SE	T5
	XT322TST	2.0*L5mm	6.0	48	TiSiN	Titanium CoCr	X-mill 650 /X-mill 650SE	T4
/	XC401SIC	0.6	6.0	48	SiC	Glass Ceramic	X-mill 630	
	XC402SIC	1.0	6.0	48	SiC	Glass Ceramic	X-mill 630	
	XC403SIC	2.5	6.0	48	SiC	Glass Ceramic	X-mill 630	

Vsmile Bur
Compatible with

ivoclar



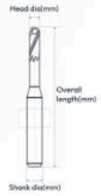


Head Type	Vsmile Burs No.	Head dia. (mm)	Shank dia. (mm)	Overall length	Coating	Millable Materials	Compatible Machine	Compatible MFG NO.
Ball	PM101UL	0.5	3.0	50	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Progamill PM3 PM5	689038 689049 689053
	PM102UL	1.0	3.0	50	DC/DLC/NC	ZirPMMA Acrylic PEEK Wax	Progamill PM3 PM5	689037 689048 689052
	PM103UL	2.5	3.0	50	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Progamill PM3 PM5	689036 689047 689051
Ball	PM121UL	0.3	3.0	40	DC	Zir	ivoclar PM DRY	
	PM122UL	0.7	3.0	40	DC	Zir	ivoclar PM DRY	
	PM123UL	1.0	3.0	40	DC	Zir	ivoclar PM DRY	
	PM124UL	2.5	3.0	40	DC	Zir	ivoclar PM DRY	
Single Blade	PM131RDR	0.7 1flute	3.0	40	NC	PMMA Acrylic PEEK Wax	ivoclar PM DRY	
	PM132RDR	1.0 1flute	3.0	40	NC	PMMA Acrylic PEEK Wax	ivoclar PM DRY	
	PM133RDR	2.5 1flute	3.0	40	NC	PMMA Acrylic PEEK Wax	ivoclar PM DRY	
/	PM101SIC	0.5	3.0	44	SiC	Glass Ceramic	Progamill PM3 PM5	689045
	PM102SIC	1.0	3.0	49	SiC	Glass Ceramic	Progamill PM3 PM5	689044
	PM103SIC	2.0	3.0	49	SiC	Glass Ceramic	Progamill PM3 PM5	689043
	PM104SIC	3.0	3.0	49	SiC	Glass Ceramic	Progamill PM3 PM5	
Ball	PM20IUL	0.5	6.0	53	DC	Zir	Progamil PM7	689014
	PM202UL	1.0	6.0	53	DC	Zir	Progamil PM7	689013
	PM203UL	2.5	6.0	53	DC	Zir	Progamill PM7	689012
Single Blade	PM301RDR	0.5 1flute	6.0	53	NC	PMMA Acrylic PEEK Wax	Progamil PM7	689026 689031
	PM302RDR	1.0 flute	6.0	53	NC	PMMA Acrylic PEEK Wax	Progamill PM7	689025 689030
	PM303RDR	2.5 1flute	6.0	53	NC	PMMA Acrylic PEEK Wax	Progamill PM7	689024 689029
	PM304RDR	5.0 1flute	6.0	53	NC	PMMA Acrylic PEEK Wax	Progamil PM7	689022 689027
Flat &Single Blade	PM305RDRF	f1.5 1flute	6.0	53	NC	PMMA Acrylic PEEK Wax	Progamil PM7	689023 689028
/	PM401SIC	0.5	6.0	50	SiC	Glass Ceramic	Progamill PM7	689021
	PM402SIC	1.0	6.0	50	SiC	Glass Ceramic	Progamil PM7	689020
	PM403SIC	2.0	6.0	50	SiC	Glass Ceramic	Progamil PM7	689019
	PM404SIC	3.0	6.0	50	SiC	Glass Ceramic	Progamill PM7	689018
Ball	PM501TS	0.6	6.0	45	TiSiN	Titanium CoCr	Progamill PM7	689035
	PM502TS	1.0	6.0	45	TiSiN	Titanium CoCr	Progamill PM7	689034
	PM503TS	1.5	6.0	45	TiSiN	Titanium CoCr	Progamill PM7	689033
	PM504TS	2.0	6.0	45	TiSiN	Titanium CoCr	Progamill PM7	689032
	PM505TS	3.0	6.0	45	TiSiN	Titanium CoCr	Progamill PM7	692445
Torus	PM506TST	1.5	6.0	45	TiSiN	Titanium CoCr	Progamill PM7	754521
	PM601TST	3.0	6.0	45	TiSiN	Titanium CoCr	Progamil PM7	702905

Vsmile Bur
Compatible with

Arum



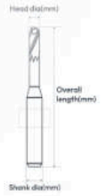


Head Type	Vsmile Burs No.	Head dia. (mm)	Shank dia. (mm)	Overall length (mm)	Coating	Millable Materials	Compatible Machine	Compatible MFG NO.
Ball	AR100UL	0.3	4.0	45	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	5X-400 5X-300pro 5X-300D	
	AR101UL	0.6	4.0	45	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	5X-400 5X-300pro 5X-300D	ZB-48(Zir)
	AR102UL	1.0	4.0	50	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	5X-400 5X-300pro 5X-300D	ZB-47(Zir) PB-51(PMMA)
	AR103UL	2.0	4.0	50	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	5X-400 5X-300pro 5X-300D	ZB-46(Zir) PB-49(PMMA)
	AR104UL	1.5	4.0	50	NC	Zir PMMA Acrylic PEEK Wax	5X-400 5X-300pro 5X-300D	PB-50(PMMA)
/	AR201SIC	0.6	4.0	41	SiC	Glass Ceramic	5X-400 5X-300pro 5X-300D	DG-55
	AR202SIC	1.0	4.0	44.5	SiC	Glass Ceramic	5X-400 5X-300pro 5X-300D	DG-54
	AR203SIC	1.5	4.0	44.5	SiC	Glass Ceramic	5X-400 5X-300pro 5X-300D	DG-53
	AR204SIC	2.5	4.0	44.5	SiC	Glass Ceramic	5X-400 5X-300pro 5X-300D	DG-52
Ball	AR300TS	0.6	4.0	42	TiSiN	Premil	5X-400	
	AR301TS	1.0	4.0	42	TiSiN	Premil	5X-400	MB-60
	AR302TS	1.5	4.0	43	TiSiN	Premil	5X-400	MB-59
	AR303TS	2.0	4.0	44	TiSiN	Premil	5X-400	MB-58
	AR304TS	3.0	4.0	44	TiSiN	Premil	5X-400	
Ball	AR401UL	0.6	6.0	50	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	5X-200 5X-500L 5X-500 5X-450	ZB-07
	AR402UL	1.0	6.0	53	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	5X-200 5X-500L 5X-500 5X-450	ZB-06
	AR403UL	2.0	6.0	55	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	5X-200 5X-500L 5X-500 5X-450	ZB-05
/	AR501SIC	0.6	6.0	50	SiC	Glass Ceramic	5X-200 5X-500L 5X-500 5X-450	DG-22
	AR502SIC	1.0	6.0	50	SiC	Glass Ceramic	5X-200 5X-500L 5X-500 5X-450	DG-21
	AR503SIC	1.5	6.0	50	SiC	Glass Ceramic	5X-200 5X-500L 5X-500 5X-450	DG-38
	AR504SIC	2.5	6.0	50	SiC	Glass Ceramic	5X-200 5X-500L 5X-500 5X-450	DG-37
Ball	AR601TS	0.6	6.0	50	TiSiN	Titanium CoCr	5X-200 5X-500L 5X-500 5X-450	MB-14
	AR602TS	1.0	6.0	50	TiSiN	Titanium CoCr	5X-200 5X-500L 5X-500 5X-450	MB-12
	AR603TS	1.5	6.0	50	TiSiN	Titanium CoCr	5X-200 5X-500L 5X-500 5X-450	MB-11
	AR604TS	2.0	6.0	50	TiSiN	Titanium CoCr	5X-200 5X-500L 5X-500 5X-450	MB-10
	AR605TS	3.0	6.0	50	TiSiN	Titanium CoCr	5X-200 5X-500L 5X-500 5X-450	MB-09
Flat	AR701TSF	f0.6	6.0	50	TiSiN	Titanium CoCr	5X-200 5X-500L 5X-500 5X-450	MF-71
	AR702TSF	f.5	6.0	50	TiSiN	Titanium CoCr	5X-200 5X-500L 5X-500 5X-450	MF-45
	AR703TSF	f2.0	6.0	50	TiSiN	Titanium CoCr	5X-200 5X-500L 5X-500 5X-450	MF-15
Torus	AR801TST	1.5*L05mm	6.0	50	TiSiN	Titanium CoCr	5X-200 5X-500L 5X-500 5X-450	MFR-44
	AR802TST	1.5*L14mm	6.0	50	TiSiN	Titanium CoCr	5X-200 5X-500L 5X-500 5X-450	MFR-66
Drill	AR901TSD	1.5	6.0	50	TiSiN	Titanium CoCr	5X-200 5X-500L 5X-500 5X-450	MD-18
	AR902TSD	2.0	6.0	50	TiSiN	Titanium CoCr	5X-200 5X-500L 5X-500 5X-450	MD-19

Vsmile Bur
Compatible with

Aidite



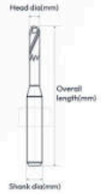


Head Type	Vsmile Burs No.	Head dia. (mm)	Shank dia. (mm)	Overall length (mm)	Coating	Millable Materials	Compatible Machine	Compatible MFG NO.
Ball	AD101UL	0.3	4.0	50	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	AMD-500	
	AD102UL	0.6/0.6 1flute	4.0	50	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	AMD-500	
	AD103UL	1.0/1.0 1flute	4.0	50	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	AMD-500	
	AD104UL	2.0/2.0 1flute	4.0	50	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	AMD-500	
Flat	AD105ULF	f.5	4.0	50	DC/DLC	Zir	AMD-500	
Ball	AD106UL	0.3	4.0	50	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	AMW-520	
	AD107UL	0.6/0.6 1flute	4.0	50	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	AMW-520	
	AD108UL	1.0	4.0	50	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	AMW-520	
	AD109UL	2.0 long neck	4.0	50	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	AMW-520	
	AD110UL	3.0/3.0 1flute	4.0	50	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	AMW-520	
Flat	AD111ULF	f1.5/f1.5 1flute	4.0	50	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	AMW-520	
Ball	AD130UL	0.6	6.0	50	DC/NC	Zir PMMA Acrylic PEEK Wax	AMM-520/AMM-520 Pro	
	AD131UL	1.0	6.0	50	DC/NC	Zir PMMA Acrylic PEEK Wax	AMM-520/AMM-520 Pro	
	AD132UL	2.0	6.0	50	DC/NC	Zir PMMA Acrylic PEEK Wax	AMM-520/AMM-520 Pro	
	AD133UL	2.5	6.0	50	NC	PMMA Wax	AMM-520 Pro	
	AD134UL	3.0	6.0	50	NC	PMMA Wax	AMM-520 Pro	
	AD135UL	5.0	6.0	50	NC	PMMA Wax	AMM-520 Pro	
Flat	AD136ULF	1.5	6.0	50	DC/NC	Zir PMMA Acrylic PEEK Wax	AMM-520/AMM-520 Pro	
/	AD201SIC	0.6	4.0	50	SiC	Glass Ceramic	AMW-520	
	AD202SIC	1.0	4.0	50	SiC	Glass Ceramic	AMW-520	
	AD203SIC	2.5	4.0	50	SiC	Glass Ceramic	AMW-520	
/	AD204SIC	0.6	6.0	50	SiC	Glass Ceramic	AMW-400/AMM-520 Pro	
	AD205SIC	1.0	6.0	50	SiC	Glass Ceramic	AMW-400/AMM-520 Pro	
	AD206SIC	2.5	6.0	50	SiC	Glass Ceramic	AMW-400/AMM-520 Pro	
Ball	AD301TS	1.0	4.0	50	TiSiN	Titanium CoCr	AMW-520	
	AD302TS	1.5	4.0	50	TiSiN	Titanium CoCr	AMW-520	
	AD303TS	2.0	4.0	50	TiSiN	Titanium CoCr	AMW-520	
	AD304TS	3.0	4.0	50	TiSiN	Titanium CoCr	AMW-520	
Ball	AD305TS	1.0	6.0	50	TiSiN	Premill	AMW-400	
	AD306TS	1.5	6.0	50	TiSiN	Premill	AMW-400	
	AD307TS	3.0	6.0	50	TiSiN	Premill	AMW-400	
Ball	AD308TS	1.0	6.0	50	TiSiN	Titanium CoCr	AMM-520/AMM-520 Pro	T4
	AD309TS	1.5	6.0	50	TiSiN	Titanium CoCr	AMM-520/AMM-520 Pro	T3
	AD310TS	2.0	6.0	50	TiSiN	Titanium CoCr	AMM-520/AMM-520 Pro	T2
	AD311TS	3.0	6.0	50	TiSiN	Titanium CoCr	AMM-520/AMM-520 Pro	T1
Flat	AD401TSF	1.5	6.0	50	TiSiN	Titanium CoCr	AMM-520	T6
	AD402TSF	2.0	6.0	50	TiSiN	Titanium CoCr	AMM-520	T5
	AD403TSF	1.0	6.0	50	TiSiN	Titanium CoCr	AMM-520 Pro	T8
	AD404TSF	2.0(L6mm	6.0	50	TiSiN	Titanium CoCr	AMM-520 Pro	T7
Torus	AD501TST	1.5	6.0	50	TiSiN	Titanium CoCr	AMM-520	T7/T8/T10
	AD502TST	2.0(L8mm)	6.0	50	TiSiN	Titanium CoCr	AMM-520	T9
	AD503TST	1.5(L7mm/L18mm)	6.0	50	TiSiN	Titanium CoCr	AMM-520 Pro	T10/T11
	AD504TST	2.0	6.0	50	TiSiN	Titanium CoCr	AMM-520 Pro	T9
	AD505TST	3.0	6.0	50	TiSiN	Titanium CoCr	AMM-520 Pro	T18
Drill	AD601TSD	1.5	6.0	50	TiSiN	Titanium CoCr	AMM-520 Pro	T6
	AD602TSD	2.1	6.0	50	TiSiN	Titanium CoCr	AMM-520 Pro	T5
Ball	AD312TS	0.6 (L4mm)	6.0	50	TiSiN	Titanium CoCr	AMM-530	T22 (MB3022M)
Flat	AD405TSF	1.0 (L6mm, 4	6.0	50	TiSiN	Titanium CoCr	AMM-530	T10 (MB3010M) /T16
Torus	AD506TST	1.5 (L7mm, 4	6.0	50	TiSiN	Titanium CoCr	AMM-530	T9 (MB3009M)
	AD507TST	1.5 (L18mm, 4	6.0	50	TiSiN	Titanium CoCr	AMM-530	T8 (MB3008M) /T12
	AD508TST	2.0 (L18mm, 4	6.0	50	TiSiN	Titanium CoCr	AMM-530	T11 (MB3011M)
Drill	AD603TSD	1.1 (L8mm)	6.0	50	TiSiN	Titanium CoCr	AMM-530	T21 (MB3021M)
	AD604TSD	2.1 (L18mm)	6.0	50	TiSiN	Titanium CoCr	AMM-530	T5 (MB3005M)
Thread	AD701TSTH	2.0 (L5mm)	6.0	50	TiSiN	Titanium CoCr	AMM-530	T15 (MB3015M)
	AD702TSTH	1.4 (L5mm)	6.0	50	TiSiN	Titanium CoCr	AMM-530	T17 (MB3017M)
	AD703TSTH	1.6 (L5mm)	6.0	50	TiSiN	Titanium CoCr	AMM-530	T18 (MB3018M)
	AD704TSTH	1.8 (L5mm)	6.0	50	TiSiN	Titanium CoCr	AMM-530	T19 (MB3019M)
Chamfer	AD801TSCH	3.0 (L10mm)	6.0	50	TiSiN	Titanium CoCr	AMM-530	T20 (MB3020M)
T Cutter	AD901TSTC	2.0 (L5mm)	6.0	50	TiSiN	Titanium CoCr	AMM-530	T23 (MB3023M) /T24
/	AD207SIC	0.6 (L7.5mm)	6.0	50	SiC	Glass Ceramic	AMM-530	MB3304G
	AD208SIC	1.0 (L10mm)	6.0	50	SiC	Glass Ceramic	AMM-530	MB3305G
	AD209SIC	2.5 (L16mm)	6.0	50	SiC	Glass Ceramic	AMM-530	MB3306G
Ball	AD137UL	0.6 (L4mm)	6.0	50	NC	PMMA Acrylic PEEK Wax	AMM-530	MB3437P
	AD138UL	1.0 (L16mm)	6.0	50	NC	PMMA Acrylic PEEK Wax	AMM-530	MB3438P
	AD139UL	2.0 (L16mm)	6.0	50	NC	PMMA Acrylic PEEK Wax	AMM-530	MB2728P
	AD140UL	1.0 (L20mm)	6.0	50	NC	PMMA Acrylic PEEK Wax	AMM-530	MB2729P
	AD141UL	2.0 (L20mm)	6.0	50	NC	PMMA Acrylic PEEK Wax	AMM-530	MB3439P
	AD142UL	2.5 (L20mm)	6.0	50	NC	PMMA Acrylic PEEK Wax	AMM-530	MB3441P
	AD143UL	5.0 (L25mm)	6.0	50	NC	PMMA Acrylic PEEK Wax	AMM-530	MB3440P
Flat	AD144ULF	1.5 (L20mm)	6.0	50	NC	PMMA Acrylic PEEK Wax	AMM-530	MB3436P

Vsmile Bur
Compatible with

Deprag





Head Type	Vsmile Burs No.	Head dia. (mm)	Shank dia. (mm)	Overall length (mm)	Coating	Millable Materials	Compatible Machine	Compatible MFG NO.
Ball	DP101UL	0.3	6.0	50	DC	Zir	W52	T5(DC)
	DP102UL	0.6	6.0	50	DC/NC	Zir PMMA Acrylic PEEK Wax	W52	T3(DC) T8(NC)
	DP103UL	1.0	6.0	50	DC/NC	Zir PMMA Acrylic PEEK Wax	W52	T2(DC) T7(NC)
	DP104UL	2.0	6.0	50	DC/NC	Zir PMMA Acrylic PEEK Wax	W52	T1(DC) T6(NC)
Flat	DP105ULF	f1.5	6.0	50	DC/NC	Zir PMMA Acrylic PEEK Wax	W52	T4(DC) T9(NC)
/	DP201SIC	0.6	6.0	50	SiC	Glass Ceramic	W52	T17
	DP202SIC	1.0	6.0	50	SiC	Glass Ceramic	W52	T16
	DP203SIC	2.5	6.0	50	SiC	Glass Ceramic	W52	T15
Ball	DP301TS	0.5	6.0	50	TiSiN	Titanium CoCr	W52	T5
	DP302TS	1.0	6.0	50	TiSiN	Titanium CoCr	W52	T4
	DP303TS	1.5	6.0	50	TiSiN	Titanium CoCr	W52	T3
	DP304TS	2.0	6.0	50	TiSiN	Titanium CoCr	W52	T2
	DP305TS	3.0	6.0	50	TiSiN	Titanium CoCr	W52	T1
Torus	DP306TST	1.5(L06mm)	6.0	50	TiSiN	Titanium CoCr	W52	T8
	DP307TST	1.5(L16mm)	6.0	50	TiSiN	Titanium CoCr	W52	T7
	DP308TST	2.0	6.0	50	TiSiN	Titanium CoCr	W52	T6
Drill	DP309TSD	1.5	6.0	50	TiSiN	Titanium CoCr	W52	T10
	DP310TSD	2.5	6.0	50	TiSiN	Titanium CoCr	W52	T9
Flat	DP311TSF	f1.0	6.0	50	TiSiN	Titanium CoCr	W52	T12
	DP312TSF	f2.0	6.0	50	TiSiN	Titanium CoCr	W52	T11
	DP313TSF	f2.0	6.0	50	TiSiN	Titanium CoCr	W52	T13

Vsmile Bur
Compatible with

Cradle



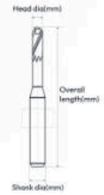


Head Type	Vsmile Burs No.	Head dia. (mm)	Shank dia. (mm)	Overall length (mm)	Coating	Millable Materials	Compatible Machine
Ball	CD101UL	0.3	3.0	40	DLC	Zir	A52/A51
	CD102UL	0.6	3.0	40	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	A52/A51
	CD103UL	1.0	3.0	40	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	A52/A51
	CD104UL	2.0	3.0	40	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	A52/A51
Flat	CD105ULF	f1.0	3.0	40	DLC	Zir	A52/A51
	CD106ULF	f1.5	3.0	40	DLC	Zir	A52/A51
Ball	CD201UL	0.3	4.0	40	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	A52DW
	CD202UL	0.6	4.0	40	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	A52DW
	CD203UL	1.0	4.0	40	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	A52DW
	CD204UL	2.0	4.0	40	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	A52DW
Flat	CD205ULF	0.6	4.0	40	DLC	Zir	A52DW
	CD206ULF	1.0	4.0	40	DLC	Zir	A52DW
	CD207ULF	1.5	4.0	40	DLC	Zir	A52DW
	CD208ULF	2.0	4.0	40	DLC	Zir	A52DW
/	CD301SIC	0.6	4.0	38	SiC	Glass Ceramic	A52W
	CD302SIC	1.0	4.0	38	SiC	Glass Ceramic	A52W
	CD303SIC	2.5	4.0	38	SiC	Glass Ceramic	A52W
/	CD304SIC	0.6	3.0	38	SiC	Glass Ceramic	C41
	CD305SIC	1.0	3.0	38	SiC	Glass Ceramic	C41
	CD306SIC	2.5	3.0	38	SiC	Glass Ceramic	C41
Ball	CD401TS	1.0	4.0	33	TiSiN	Premill	A52DW
	CD402TS	1.5	4.0	33	TiSiN	Premill	A52DW
	CD403TS	2.5	4.0	33	TiSiN	Premill	A52DW
Ball	CD501TS	0.5	6.0	50	TiSiN	Titanium CoCr	B52
	CD502TS	1.0	6.0	50	TiSiN	Titanium CoCr	B52
	CD503TS	1.5	6.0	50	TiSiN	Titanium CoCr	B52
	CD504TS	2.0	6.0	50	TiSiN	Titanium CoCr	B52
	CD505TS	3.0	6.0	50	TiSiN	Titanium CoCr	B52
Flat	CD601TSF	1.0	6.0	50	TiSiN	Titanium CoCr	B52
	CD602TSF	2.0	6.0	50	TiSiN	Titanium CoCr	B52
Torus	CD701TST	1.5(T9 L16mm)/T10	6.0	50	TiSiN	Titanium CoCr	B52
	CD702TST	2.0	6.0	50	TiSiN	Titanium CoCr	B52
Drill	CD801TSD	1.5	6.0	50	TiSiN	Titanium CoCr	B52
	CD802TSD	2.5	6.0	50	TiSiN	Titanium CoCr	B52

Vsmile Bur
Compatible with

DOF





Head Type	Vsmile Burs No.	Head dia. (mm)	Shank dia. (mm)	Overall length (mm)	Coating	Millable Materials	Compatible Machine
Ball	DF101UL	0.6	4.0	37.6	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Craf+5X
	DF102UL	1.0	4.0	39.0	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Craft5X
	DF103UL	2.0	4.0	39.0	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Craft5X
/	DF201SIC	0.6	4.0	32.0	SiC	Glass Ceramic	Craft5X
	DF202SIC	1.0	4.0	32.0	SiC	Glass Ceramic	Craft5X
	DF203SIC	2.0	4.0	34.6	SiC	Glass Ceramic	Craft5X
	DF204SIC	2.5	4.0	34.6	SiC	Glass Ceramic	Craft5X
Ball	DF301TS	1.0	4.0	32.0	TiSiN	Premill	Craft5X
	DF302TS	1.5	4.0	32.0	TiSiN	Premill	Craft5X
	DF303TS	2.0	4.0	32.0	TiSiN	Premill	Craft5X

*Please inform us the total length of your DOFburs before placing order.There are different types in the market.

Vsmile Bur
Compatible with

Sirona





Sirona MCX5

Head Type	Vsmile Burs No.	Head dia. (mm)	Shank dia. (mm)	Overall length (mm)	Coating	Millable Materials	Compatible Machine
Ball	MX5101UL	0.5	3.0	42.0	CVD/DC/DLC/NC	Zr PMMA Acrylic PEEK Wax	6572957 6478056 Yellow 6478114 Red
	MX5102UL	1.0	3.0	43.0	CVD/DC/DLC/NC	Zr PMMA Acrylic PEEK Wax	6572940 6478049 Yellow 6478106 Red
	MX5103UL	2.5	3.0	43.0	CVD/DC/DLC/NC	Zr PMMA Acrylic PEEK Wax	6572932 6478031 Yellow 6478198 Red
/	MX5201SIC	0.6	3.0	34.5	SiC	Glass Ceramic	6542232 White
	MX5202SIC	1.2	3.0	36.4	SiC	Glass Ceramic	6578023 White
	MX5203SIC	1.4	3.0	35.4	SiC	Glass Ceramic	6578015 White
	MX5204SIC	2.2	3.0	37.4	SiC	Glass Ceramic	6578007 White
Ball	MX5301TS	1.0	3.0	40.0	TiSiN	Titanium CoCr	
	MX5302TS	2.0	3.0	40.0	TiSiN	Titanium CoCr	

Sirona CERECMCXL

Model	Length of the neck (mm)	Shank dia. (mm)	Overall length (mm)
Step Bur12	13.23	3.5	38.0
Step Bur 12S	13.7	3.5	38.0
StepBur 20	22	3.5	46.3
Cylinder Pointed Bur 12S	13.7	3.5	38.0
Cylinder Pointed Bur 12EF	19.0	3.5	40.0
Cylinder Bur 12EF	19.0	3.5	40.0
Cylinder Pointed Bur 20	19.0	3.5	46.0
Shaper 25	25.0	3.5	45.0
Shaper 25RZ	25.0	3.5	45.0
Finisher 10	25.5	3.5	45.3

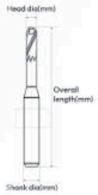
Sirona CEREC3

Model	Length of the neck (mm)	Shank dia. (mm)	Overall length (mm)
Cone Bur 10	11.0	1.8	25.2
Cone Bur 12	13.2	1.8	27.2
Cone Bur 14	11.5	1.8	23.3
Step Bur10	11.5	1.8	25.2
Step Bur 12	13.2	1.8	27.2
Step Bur 14	11.5	1.8	23.5
Cylinder Pointed Bur	9.3	1.8	

Vsmile Bur
Compatible with

Redon





Head Type	Vsmile Burs No.	Head dia. (mm)	Shank dia. (mm)	Overall length (mm)	Coating	Millable Materials	Compatible Machine	Compatible MFG NO.
Ball	RD101UL	0.6	4.0	40	CVD/DC/DLC/NC	Zir PMMA Acryic PEK Wax	BEST MILL / GTR / WOOM / Hybrid	T3(DC)
	RD102UL	1.0	4.0	45	CVD/DC/DLC/NC	Zir PMMA Acryic PEK Wax	BEST MILL / GTR / WOOM / Hybrid	T2(DC) T5(PMMA)
	RD103UL	2.0	4.0	45	CVD/DC/DLC/NC	Zir PMMA Acryic PEK Wax	BEST MILL / GTR / WOOM / Hybrid	T1(DC) T4(PMMA)
/	RD201SIC	0.6	4.0	40	SiC	Glass Ceramic	BEST MILL / GTR / WOOM / Hybrid	T16
	RD202SIC	1.0(L10mm) /1.0(L15mm)	4.0	40	SiC	Glass Ceramic	BEST MILL / GTR / WOOM / Hybrid	T4(L10mm) / T5(L15mm)
	RD203SIC	2.5	4.0	40	SiC	Glass Ceramic	BEST MILL / GTR / WOOM / Hybrid	T11
Ball	RD301TS	0.3	4.0	40	TiSiN	Titanium CoCr	BEST MILL / GTR / WOOM / Hybrid	T32
	RD302TS	0.6	4.0	40	TiSiN	Titanium CoCr	BEST MILL / GTR / WOOM / Hybrid	T30
	RD303TS	1.0	4.0	40	TiSiN	Titanium CoCr	BEST MILL / GTR / WOOM / Hybrid	T29
	RD304TS	1.5	4.0	40	TiSiN	Titanium CoCr	BEST MILL / GTR / WOOM / Hybrid	T24
	RD305TS	2.0	4.0	40	TiSiN	Titanium CoCr	BEST MILL / GTR / WOOM / Hybrid	T23
Flat	RD401TSF	f1.0	4.0	40	TiSiN	Titanium CoCr	BEST MILL / GTR / WOOM / Hybrid	T28
	RD402TSF	f1.5	4.0	40	TiSiN	Titanium CoCr	BEST MILL / GTR / WOOM / Hybrid	T26
Flat & long neck	RD501TSF-L	f1.5	4.0	40	TiSiN	Titanium CoCr	BEST MILL / GTR / WOOM / Hybrid	T27
Torus	RD601TST	1.5	4.0	40	TiSiN	Titanium CoCr	BEST MILL / GTR / WOOM / Hybrid	T25
	RD602TST	2.5	4.0	40	TiSiN	Titanium CoCr	BEST MILL / GTR / WOOM / Hybrid	T22
Drill	RD701TSD	1.5	4.0	40	TiSiN	Titanium CoCr	BEST MILL / GTR / WOOM / Hybrid	T66

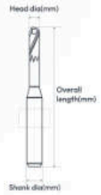
■ **Note: Please let me know whether the bur you need comes with a ring.**

For T32 and T66, MOQ 30 pieces is required.*

Vsmile Bur
Compatible with

UP3D





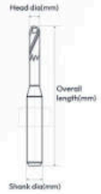
Head Type	Vsmile Burs No.	Head dia. (mm)	Shank dia. (mm)	Overall length (mm)	Coating	Millable Materials	Compatible Machine
Ball	UP101UL	0.3	4.0	50	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	P52/P53/P5
	UP102UL	0.6	4.0	50	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	P52/P53/P5
	UP103UL	1.0	4.0	50	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	P52/P53/P5
	UP104UL	2.0	4.0	50	CVD/DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	P52/P53/P5
Ball	UP105UL	0.3	4.0	50	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	P55D (Metal Ring)
	UP106UL	0.6	4.0	50	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	P55D (Metal Ring)
	UP107UL	1.0	4.0	50	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	P55D (Metal Ring)
	UP108UL	2.0	4.0	50	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	P55D (Metal Ring)
Ball & long neck	UP109UL-L	0.6 long neck	4.0	50	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	P55D (Metal Ring)
	UP110UL-L	1.0 long neck	4.0	50	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	P55D (Metal Ring)
	UP111UL-L	2.0 long neck	4.0	50	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	P55D (Metal Ring)
I	UP201SIC	0.6	4.0	40	SiC	Glass Ceramic	P42
	UP202SIC	1.0	4.0	40	SiC	Glass Ceramic	P42
	UP203SIC	2.5	4.0	40	SiC	Glass Ceramic	P42

Vsmile Bur

Compatible with

Vsmile C512D





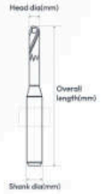
Head Type	Vsmile Burs No.	Head dia. (mm)	Shank dia. (mm)	Overall length (mm)	Coating	Milliable Materials	Compatible Machine	Compatible MFG NO.
Ball	C512DT5	0.3	4.0	50	DLC	Zir	Vsmile C512D	T5
	C512DT3	0.6	4.0	50	DC	Zir	Vsmile C512D	T3
	C512DT2	1.0	4.0	50	DC	Zir	Vsmile C512D	T2
	C512DT1	2.0	4.0	50	DC	Zir	Vsmile C512D	T1
Flat	C512DT4	f1.5	4.0	50	DC	Zir	Vsmile C512D	T4
TCutter	C512DT10	1.5	4.0	50	DLC	Zir	Vsmile C512D	T10
Ball	C512DT8	0.6	4.0	50	NC	PMMA Acrylic PEEK Wax	Vsmile C512D	T8
	C512DT7	1.0	4.0	50	NC	PMMA Acrylic PEEK Wax	Vsmile C512D	T7
	C512DT6	2.0	4.0	50	NC	PMMA Acrylic PEEK Wax	Vsmile C512D	T6
Flat	C512DT9	f1.5	4.0	50	NC	PMMA Acrylic PEEK Wax	Vsmile C512D	T9

Vsmile Bur

Compatible with

Vsmile C518DW





Head Type	Vsmile Burs No.	Head dia. (mm)	Shank dia. (mm)	Overall length (mm)	Coating	Milliable Materials	Compatible Machine	Compatible MFG NO.
Ball	C518DW101UL	0.3	6.0	50	DC	Zir	C5T8DW	T5(DC)
	C518DW102UL	0.6	6.0	50	DC/NC	Zir PMMA Acrylic PEEK Wax	C518DW	T3(DC) T8(NC)
	C518DW103UL	1.0	6.0	50	DC/NC	Zir PMMA Acrylic PEEK Wax	C518DW	T2(DC) T7(NC)
	C578DW104UL	2.0	6.0	50	DC/NC	Zir PMMA Acrylic PEEK Wax	C518DW	T(DC) T6(NC)
Flat	C518DW105ULF	f1.5	6.0	50	DC/NC	Zir PMMA Acrylic PEEK Wax	C518DW	T4(DC) T9(NC)
/	C518DW201SIC	0.6	6.0	50	SiC	Glass Ceramic	C518DW	T17
	C518DW202SIC	1.0	6.0	50	SiC	Glass Ceramic	C518DW	T16
	C518DW203SIC	2.5	6.0	50	SiC	Glass Ceramic	C518DW	T15
Ball	C518DW301TS	0.5	6.0	50	TiSiN	Titanium CoCr	C518DW	T5
	C518DW302TS	1.0	6.0	50	TiSiN	Titanium CoCr	C518DW	T4
	C518DW303TS	1.5	6.0	50	TiSiN	Titanium CoCr	C518DW	T3
	C518DW304TS	2.0	6.0	50	TiSiN	Titanium CoCr	C518DW	T2
	C518DW305TS	3.0	6.0	50	TiSiN	Titanium CoCr	C518DW	T1
Torus	C578DW306TST	1.5(L06mm)	6.0	50	TiSiN	Titanium CoCr	C518DW	T8
	C518DW307TST	1.5(L16mm)	6.0	50	TiSiN	Titanium CoCr	C518DW	T7
	C518DW308TST	2.0	6.0	50	TiSiN	Titanium CoCr	C518DW	T6
Drill	C518DW309TSD	1.5	6.0	50	TiSiN	Titanium CoCr	C518DW	T10
	C518DW310TSD	2.5	6.0	50	TiSiN	Titanium CoCr	C518DW	T9
Flat	C518DW311TSF	f1.0	6.0	50	TiSiN	Titanium CoCr	C518DW	T12
	C518DW312TSF	f2.0	6.0	50	TiSiN	Titanium CoCr	C578DW	T11
	C518DW313TSF	f2.0	6.0	50	TiSiN	Titanium CoCr	C518DW	T13

Vsmile Bur
Compatible with

Vsmile
A5Pro





Head Type	Vsmile Burs No.	Head dia. (mm)	Shank dia. (mm)	Overall length (mm)	Coating	Millable Materials	Compatible Machine	Compatible MFG NO.
Ball	A5PROT7	0.6	6.0	50	TiSiN	Titanium CoCr	Vsmile A5 Pro	T7(L8)
	A5PROT6	1.0	6.0	50	TiSiN	Titanium CoCr	Vsmile A5 Pro	T6(L10)
	A5PROT5	2.0	6.0	50	TiSiN	Titanium CoCr	Vsmile A5 Pro	T5(L15)
	A5PROT4	2.0	6.0	50	TiSiN	Titanium CoCr	Vsmile A5 Pro	T4(L13)
	A5PROT3	3.0	6.0	50	TiSiN	Titanium CoCr	Vsmile A5 Pro	T3(L14)
Torus	A5PROT11	1.0	6.0	50	TiSiN	Titanium CoCr	Vsmile A5 Pro	T11(L6)
	A5PROT10	1.5	6.0	50	TiSiN	Titanium CoCr	Vsmile A5 Pro	T10(L15)
	A5PROT8	2.0	6.0	50	TiSiN	Titanium CoCr	Vsmile A5 Pro	T8
	A5PROT9	2.0	6.0	50	TiSiN	Titanium CoCr	Vsmile A5 Pro	T9(L15)
Drill	A5PROT2	1.5	6.0	50	TiSiN	Titanium CoCr	Vsmile A5 Pro	T2(L14)
	A5PROT1	2.0	6.0	50	TiSiN	Titanium CoCr	Vsmile A5 Pro	T1(L19)
/	A5PROT13	1.0	6.0	50	SiC	Glass Ceramic	Vsmile A5 Pro	T13
	A5PROT12	2.0	6.0	50	SiC	Glass Ceramic	Vsmile A5 Pro	T12
Ball	A5PROT15	1.0	6.0	50	NC	PEEK	Vsmile A5 Pro	T15
	A5PROT14	2.0	6.0	50	NC	PEEK	Vsmile A5 Pro	T14

Vsmile Bur
Compatible with

Bloomden



Head Type	Vsmile Burs No.	Head dia. (mm)	Shank dia. (mm)	Overall length (mm)	Coating	Millable Materials	Compatible Machine	Compatible MFG NO.
Ball	BLD101UL	0.6	6.0	50	DC	Zir	X7W	T3
	BLD102UL	1.0	6.0	50	DC/NC	Zir PMMA Acrylic PEEK Wax	X7W	T2/T11
	BLD103UL	2.0	6.0	50	DC/NC	Zir PMMA Acrylic PEEK Wax	X7W	T1/T10
/	BLD201SIC	0.6	6.0	50	SiC	Glass Ceramic	X7W	T9
	BLD202SIC	1.0	6.0	50	SiC	Glass Ceramic	X7W	T8
	BLD203SIC	2.5	6.0	50	SiC	Glass Ceramic	X7W	T7

Vsmile Bur
Compatible with

Besmile

Head Type	Vsmile Burs No.	Head dia. (mm)	Shank dia. (mm)	Overall length (mm)	Coating	Millable Materials	Compatible Machine	Compatible MFG NO.
/	BSM101SIC	0.6	6.0	40	SiC	Glass Ceramic	BSM-400DW	
	BSM102SIC	1.0	6.0	40	SiC	Glass Ceramic	BSM-400DW	
	BSM103SIC	2.5	6.0	40	SiC	Glass Ceramic	BSM-400DW	

Vsmile Bur
Compatible with

CamDent



Head Type	Vsmile Burs No.	Head dia. (mm)	Shank dia. (mm)	Overall length (mm)	Coating	Millable Materials	Compatible Machine	Compatible MFG NO.
Single Blade	CMD101RDR	0.6 1flute	6.0	50	NC	PMMA Acrylic PEEK Wax	SDM5T	
	CMD102RDR	1.0 flute	6.0	50	NC	PMMA Acrylic PEEK Wax	SDM5T	
	CMD103RDR	2.5 1flute	6.0	50	NC	PMMA Acrylic PEEK Wax	SDM5T	
/	CMD201SIC	0.6	6.0	50	SiC	Glass Ceramic	SDM5T	
	CMD202SIC	1.0	6.0	50	SiC	Glass Ceramic	SDM5T	
	CMD203SIC	2.5	6.0	50	SiC	Glass Ceramic	SDM5T	
Ball	CMD301TS	1.0	6.0	50	TiSiN	Titanium CoCr	SDM5T	T3
	CMD302TS	1.5	6.0	50	TiSiN	Titanium CoCr	SDM5T	T11
	CMD303TS	2.0	6.0	50	TiSiN	Titanium CoCr	SDM5T	T2
	CMD304TS	3.0	6.0	50	TiSiN	Titanium CoCr	SDM5T	T1
Flat	CMD401TSF	0.5	6.0	50	TiSiN	Titanium CoCr	SDM5T	T6
	CMD402TSF	1.0	6.0	50	TiSiN	Titanium CoCr	SDM5T	T5
	CMD403TSF	1.5	6.0	50	TiSiN	Titanium CoCr	SDM5T	T12
	CMD404TSF	2.0	6.0	50	TiSiN	Titanium CoCr	SDM5T	T4
Torus	CMD501TST	1.5	6.0	50	TiSiN	Titanium CoCr	SDM5T	T10
	CMD502TST	2.0	6.0	50	TiSiN	Titanium CoCr	SDM5T	T9
Drill	CMD601TSD	1.5	6.0	50	TiSiN	Titanium CoCr	SDM5T	T8
	CMD602TSD	2.2	6.0	50	TiSiN	Titanium CoCr	SDM5T	T7

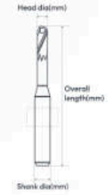
Vsmile Bur
Compatible with

DATRON

Head Type	Vsmile Burs No.	Head dia. (mm)	Shank dia. (mm)	Overall length (mm)	Coating	Millable Materials
Single Blade	DTR101RDR	4.0	4.0	50	NC	PMMA Acrylic PEEK Wax

Vsmile Bur
Compatible with

LAVA



Head Type	Vsmile Burs No.	Head dia.（mm)	Shank dia. (mm)	Overall length (mm)	Coating	Millable Materials	Compatible Machine	Compatible MFG NO.
Ball	LV101UL	1.0	3.0	47	CVD	Zir	LAVA	
Ball	LV102UL	2.0	3.0	47	CVD	Zir	LAVA	

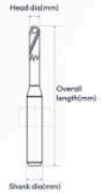
Vsmile Bur
Compatible with

Dental Machine

Head Type	Vsmile Burs No.	Head dia.（mm)	Shank dia. (mm)	Overall length (mm)	Coating	Millable Materials	Compatible Machine	Compatible MFG NO.
Ball	DTM101UL	1.0	3.0	47	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Dental Machine	
	DTM102UL	2.0	3.0	47	NC	PMMA	Dental Machine	
	DTM103UL	2.5	3.0	47	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Dental Machine	
Ball	DTM201UL	0.6	4.0	47	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Dental Machine	
	DTM202UL	1.0	4.0	47	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Dental Machine	
	DTM203UL	2.0	4.0	47	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Dental Machine	
/	DTM301SIC	0.5	4.0	45	SiC	Glass Ceramic	Dental Machine By Order	T19
	DTM302SIC	1.0	4.0	50	SiC	Glass Ceramic	Dental Machine By Order	T18
	DTM303SIC	2.5	4.0	50	SiC	Glass Ceramic	Dental Machine By Order	T17
Ball	DTM401TS	0.5	4.0*	50	TiSiN	Titanium CoCr	Dental Machine By Order	T6
Flat	DTM411TSF	2.5	4.0*	45	TiSiN	Titanium CoCr	Dental Machine By Order	T2
Torus	DTM420TST	1.0	4.0*	50	TiSiN	Titanium CoCr	Dental Machine By Order	T8
Ball	DTM501TS	1.0	6.0	50	TiSiN	Titanium CoCr	Dental Machine By Order	T11
	DTM502TS	1.5	6.0	50	TiSiN	Titanium CoCr	Dental Machine By Order	T10
	DTM503TS	2.0	6.0	50	TiSiN	Titanium CoCr	Dental Machine By Order	T9
Flat	DTM511TSF	1.5	6.0	50	TiSiN	Titanium CoCr	Dental Machine By Order	T14
Torus	DTM521TST	1.5	6.0	50	TiSiN	Titanium CoCr	Dental Machine By Order	T7
	DTM522TST	1.5	6.0	50	TiSiN	Titanium CoCr	Dental Machine By Order	T1
	DTM523TST	3.0	6.0	55	TiSiN	Titanium CoCr	Dental Machine By Order	T5

Vsmile Bur
Compatible with

Dental Plus



Head Type	Vsmile Burs No.	Head dia.（mm）	Shank dia. (mm)	Overall length (mm)	Coating	Millable Materials	Compatible Machine	Compatible MFG NO.
Ball	DPL101UL	0.5	4.0	47	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Dental Plus	
	DPL102UL	1.0	4.0	47	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Dental Plus	
	DPL103UL	2.0	4.0	47	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Dental Plus	

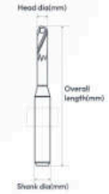
Vsmile Bur
Compatible with

Jiny

Head Type	Vsmile Burs No.	Head dia.（mm）	Shank dia. (mm)	Overall length (mm)	Coating	Millable Materials	Compatible Machine	Compatible MFG NO.
Ball	JY101UL	0.6	3.175	42	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Jiny	
	JY102UL	1.0	3.175	42	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Jiny	
	JY103UL	2.0	3.175	42	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Jiny	
Ball	JY201UL	0.6	4.0	45	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	F5Z/JDM5Z	
	JY202UL	1.0	4.0	45	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	F5Z/JDM5Z	
	JY203UL	2.0	4.0	45	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	F5Z/JDM5Z	
Flat	JY204ULF	f1.5	4.0	45	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	F5Z/JDM5Z	
Ball	JY301UL	0.6	6.0	50	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Jiny	
	JY302UL	1.0	6.0	50	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Jiny	
	JY303UL	2.0	6.0	50	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Jiny	
/	JY401SIC	0.6	6.0	50	SiC	Glass Ceramic	Jiny	
	JY402SIC	1.0	6.0	50	SiC	Glass Ceramic	Jiny	
	JY403SIC	2.0	6.0	50	SiC	Glass Ceramic	Jiny	
Ball	JY501TS	0.5	6.0	50	TiSiN	Titanium CoCr	Jiny	
	JY502TS	1.0	6.0	50	TiSiN	Titanium CoCr	Jiny	
	JY503TS	2.0	6.0	50	TiSiN	Titanium CoCr	Jiny	
	JY504TS	3.0	6.0	50	TiSiN	Titanium CoCr	Jiny	

Vsmile Bur
Compatible with

Upcera



Head Type	Vsmile Burs No.	Head dia.（mm）	Shank dia. (mm)	Overall length (mm)	Coating	Millable Materials	Compatible Machine	Compatible MFG NO.
Ball	UPC101UL	0.6	3.0	40	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Upcera A51/A52/A53	
	UPC102UL	1.0	3.0	40	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Upcera A51/A52/A53	
	UPC103UL	2.0	3.0	40	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Upcera A51/A52/A53	
Ball	UPC201UL	0.6	4.0	40	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Upcera A52DW	
	UPC202UL	1.0	4.0	40	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Upcera A52DW	
	UPC203UL	2.0	4.0	40	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Upcera A52DW	
/	UPC301SIC	0.6	3.0	38	SiC	Glass Ceramic	Upcera C41	
	UPC302SIC	1.0	3.0	38	SiC	Glass Ceramic	Upcera C41	
	UPC303SIC	2.5	3.0	38	SiC	Glass Ceramic	Upcera C41	
/	UPC401SIC	0.6	4.0	40	SiC	Glass Ceramic	Upcera A52W	
	UPC402SIC	1.0	4.0	40	SiC	Glass Ceramic	Upcera A52W	
	UPC403SIC	2.5	4.0	40	SiC	Glass Ceramic	Upcera A52W	

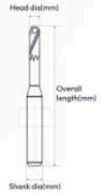
Vsmile Bur
Compatible with

Yourcera

Head Type	Vsmile Burs No.	Head dia.（mm）	Shank dia. (mm)	Overall length (mm)	Coating	Millable Materials	Compatible Machine	Compatible MFG NO.
Ball	YOURC101UL	0.6	4.0	50	DC	Zir	Yourcera	
	YOURC102UL	1.0	4.0	50	DC	Zir	Yourcera	
	YOURC103UL	2.0	4.0	50	DC	Zir	Yourcera	
Flat	YOURC104ULF	f1.5	4.0	50	DC	Zir	Yourcera	

Vsmile Bur
Compatible with

Yucera



Head Type	Vsmile Burs No.	Head dia.（mm)	Shank dia. (mm)	Overall length (mm)	Coating	Millable Materials	Compatible Machine	Compatible MFG NO.
Ball	YRC101UL	0.6	4.0	50	DC/NC	Zir PMMA Acrylic PEEK Wax	Yucera 5X	
	YRC102UL	1.0	4.0	50	DC/NC	Zir PMMA Acrylic PEEK Wax	Yucera 5X	
	YRC103UL	2.0	4.0	50	DC/NC	Zir PMMA Acrylic PEEK Wax	Yucera 5X	
Flat	YRC104ULF	f1.5	4.0	50	DC/NC	Zir PMMA Acrylic PEEK Wax	Yucera 5X	

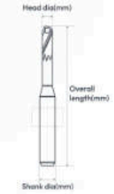
Vsmile Bur
Compatible with

Zotion

Head Type	Vsmile Burs No.	Head dia.（mm)	Shank dia. (mm)	Overall length (mm)	Coating	Millable Materials	Compatible Machine	Compatible MFG NO.
Ball	ZT101UL	0.6	4.0	50	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Zotion	
	ZT102UL	1.0	4.0	50	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Zotion	
	ZT103UL	2.0	4.0	50	DC/DLC/NC	Zir PMMA Acrylic PEEK Wax	Zotion	
/	ZT201SIC	0.6	4.0	50	SiC	Glass Ceramic	Zotion	
	ZT202SIC	1.0	4.0	50	SiC	Glass Ceramic	Zotion	
Ball	ZT301TS	1.0	4.0	50	TiSiN	Titanium CoCr	Zotion	
	ZT1302TS	2.0	4.0	50	TiSiN	Titanium CoCr	Zotion	

Vsmile Bur
Compatible with

Glorious



Head Type	Vsmile Burs No.	Head dia.（mm)	Shank dia. (mm)	Overall length (mm)	Coating	Millable Materials	Compatible Machine	Compatible MFG NO.
Ball	GL101UL	0.6	4.0	50	DC	Zir PMMA Acrylic PEEK Wax	Glorious GSL-5Z	Copper Ring
	GL102UL	1.0	4.0	50	DC	Zir PMMA Acrylic PEEK Wax	Glorious GSL-5Z	Copper Ring
	GL103UL	2.0	4.0	50	DC	Zir PMMA Acrylic PEEK Wax	Glorious GSL-5Z	Copper Ring
Ball	GL201UL	0.6	4.0	46	DLC/Rainbow	Zir PMMA Acrylic PEEK Wax	Glorious GZ5	
	GL202UL	1.0	4.0	46	DLC/Rainbow	Zir PMMA Acrylic PEEK Wax	Glorious GZ5	
	GL203UL	2.0	4.0	46	DLC/Rainbow	Zir PMMA Acrylic PEEK Wax	Glorious GZ5	
Ball	GL301SIC	0.6	6.0	50	SiC	Glass Ceramic	Glorious 5M Pro	
	GL302SIC	1.0	6.0	50	SiC	Glass Ceramic	Glorious 5M Pro	
	GL303SIC	2.5	6.0	50	SiC	Glass Ceramic	Glorious 5M Pro	

Vsmile Bur
Compatible with

Whiteth

Head Type	Vsmile Burs No.	Head dia.（mm)	Shank dia. (mm)	Overall length (mm)	Coating	Millable Materials	Compatible Machine	Compatible MFG NO.
Ball	WT101UL	0.6	4.0	45	DC	Zir	Whiteth C52A	2.5mm Ring
	WT102UL	1.0	4.0	45	DC	Zir	Whiteth C52A	2.5mm Ring
	WT103UL	2.0	4.0	45	DC	Zir	Whiteth C52A	2.5mm Ring

Vsmile Bur
Compatible with

DentalFour



Head Type	Vsmile Burs No.	Head dia.（mm）	Shank dia. (mm)	Overall length (mm)	Coating	Millable Materials	Compatible Machine	Compatible MFG NO.
Thread	DFR101TSTH	M2	6.0	57	TiSiN	Titanium CoCr	DentalFour DF400 By Order	T22
Ball	DFR102TS	1.0	6.0	55	TiSiN	Titanium CoCr	DentalFour DF400 By Order	T9
	DFR103TS	1.5	6.0	55	TiSiN	Titanium CoCr	DentalFour DF400 By Order	T8
	DFR104TS	2.0	6.0	55	TiSiN	Titanium CoCr	DentalFour DF400 By Order	T13
Flat	DFR105TSF	0.5	6.0	55	TiSiN	Titanium CoCr	DentalFour DF400 By Order	T12
	DFR106TSF	1.5	6.0	55	TiSiN	Titanium CoCr	DentalFour DF400 By Order	T11
	DFR107TSF	2.0	6.0	55	TiSiN	Titanium CoCr	DentalFour DF400 By Order	T14
Torus	DFR108TST	1.0	6.0	55	TiSiN	Titanium CoCr	DentalFour DF400 By Order	T8
	DFR109TST	1.5	6.0	55	TiSiN	Titanium CoCr	DentalFour DF400 By Order	T10
	DFR110TST	1.5	6.0	55	TiSiN	Titanium CoCr	DentalFour DF400 By Order	T7
	DFR111TST	3.0	6.0	55	TiSiN	Titanium CoCr	DentalFour DF400 By Order	T5

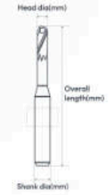
Vsmile Bur
Compatible with

HAAS

Head Type	Vsmile Burs No.	Head dia.（mm）	Shank dia. (mm)	Overall length (mm)	Coating	Millable Materials	Compatible Machine	Compatible MFG NO.
Drill	HAS102TSD	2.4	3.0	80	TiSiN	Titanium CoCr	HAAS Tools By Order	#4
Ball	HAS101TS	2.0	4.0	45	TiSiN	Titanium CoCr	HAAS Tools By Order	#6
Torus	HAS103TST	1.5	4.0	50	TiSiN	Titanium CoCr	HAAS Tools By Order	#7
Torus	HAS104TST	3.0	6.0	55	TiSiN	Titanium CoCr	HAAS Tools By Order	#5

Vsmile Bur
Compatible with

Zahndent



Head Type	Vsmile Burs No.	Head dia.（mm）	Shank dia. (mm)	Overall length (mm)	Coating	Millable Materials	Compatible Machine	Compatible MFG NO.
/	ZHD101SIC	0.6	6.0	50	SiC	Glass Ceramic	Zahndent	
	ZHD102SIC	1.0	6.0	50	SiC	Glass Ceramic	Zahndent	
	ZHD103SIC	2.5	6.0	50	SiC	Glass Ceramic	Zahndent	
Ball	ZHD104TS	1.0	6.0	50	TiSiN	Titanium CoCr	Zahndent	
	ZHD105TS	1.5	6.0	50	TiSiN	Titanium CoCr	Zahndent	
	ZHD106TS	3.0	6.0	50	TiSiN	Titanium CoCr	Zahndent	

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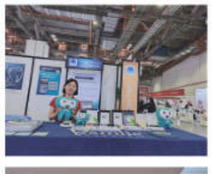
















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