


**A R U M
CAD/CAM
TOTAL
SOLUTIONS**

Catalogue 2017



**WE ARE LOVING ARUM,
THE TOP CLASS OF DENTAL
CAD/CAM SYSTEM IN THE WORLD**

We export ARUM milling system all around the world and our system is recognized from many customers with exquisite milling function and unbeatable technical assistance.



THE ULTIMATE DENTAL MILLING SOLUTION

ARUM
3D DENTAL SOLUTIONS

Total Solution

Milling Machine
+ Consumable



24 hours
Technical support



High Quality
and best result

HISTORY of ARUM

ARUM! All about dental CAD/CAM System

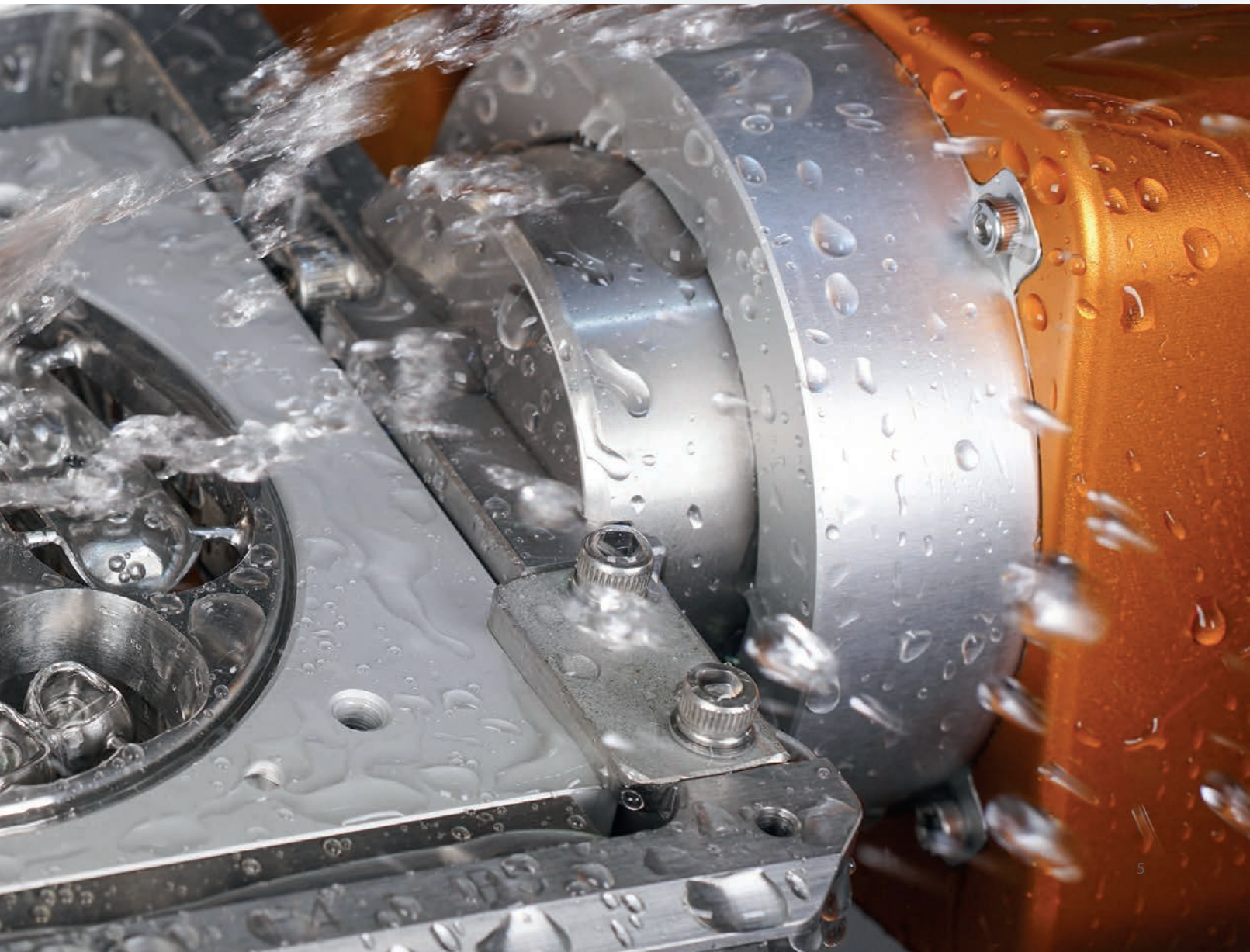
ARUM was originally established 20 years ago, and has been focusing on dental industry only since the year 2000. From then on, ARUM has developed a total dental implant CAD/CAM solution.

ARUM is largely divided into two parts. One is dental milling machines and the other is components for implant work. Experiencing tremendous growth of dental milling business, ARUM is highly regarded by the customer from all over the world.




Please be with us in our bright future. We will take every new challenge for endless advance. ARUM offers Screws, Analogs, Ti-bases, Model Scanbodies, Intraoral Scanbodies, Pre-milled blanks, 7 different lines of milling machines and more.

We make our best efforts to convince the belief that ARUM is the highest quality ever. With superior technical skills, ARUM components are fully compatible with products of most implant companies all over the world. ARUM keeps developing all its product lines with the best quality and precision to its customers worldwide.



ARUM Dental Solution System



ARUM
3D DENTAL SOLUTIONS

*ARUM DENTAL
CAD-CAM OPERATION
PROCESS*



ARUM
Lab Analog



ARUM
Scanbody



**IMPLANT
IMPRESSION**

**STONE MODEL
/3D PRINT MODEL**

SCAN

**ARUM
3D MODEL
SCANNER
+
ARUM
WORLD NO.1
Library**
(More than
250 Implant
connections)

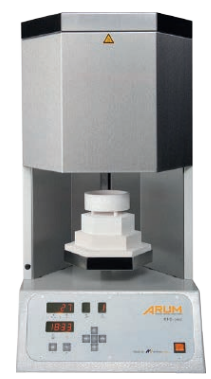


CAD / CAM WORKFLOW

ARUM
Pre-milled
blank
10mm, 14mm



ARUM
Ti-Base
Clinical Screw
Angled Screw



**DESIGN
with CAD**

**MILLING
with CAM**

SINTERING

**PATIENT
SETUP**

**ARUM
OPEN CAD
SYSTEM**

Exocad®
3 Shape™
Dental wings®

**ARUM
MILLING
MACHINES**

(7 Different Models)

+

**OPEN CAM
SYSTEM**

hyperDENT®
WorkNC®
SUM® 3D

**ARUM
SINTER
FURNACE**

ARUM Dental Solution System

CAD / CAM Milling Machine Line-UP

*The Product Specification may change without any notice for better quality.



	5X-200	4X-100
Axis	5 Axis	4 Axis
Processing	Wet and Dry	Wet and Dry
Materials		
Pre-milled Blank (Titanium)	O	O
Co-Cr Disk	O	X
Ni-Cr Disk	O	X
Titanium Disk	O	X
Lithium disilicate (E-max®,etc)	O	O
Nanocomposite (Vericom Mazic® duro, Lava Ultimate®, etc)	O	O
PMMA	O	O
PEEK	O	O
Wax	O	O
Zirconia	O	O
Indications		
Inlay and Onlay	O	O
Crown, Coping	O	O
Crown bridge, Coping bridge	O	△
Dental bar, Screw retain bridge	O	X
Customized abutment	O	O
Hybrid abutment	O	X
Model	O	X
Splint	O	X
A.T.C	15	8
Page	10p	14p



5X-150	5X-300	5X-300D	4X-300	4X-300D
	NEW 	NEW 	NEW 	NEW 
5 Axis	5 Axis	5 Axis	4 Axis	4 Axis
Wet and Dry	Wet and Dry	Dry	Wet and Dry	Dry
X	X	X	X	X
X	X	X	X	X
X	X	X	X	X
X	X	X	X	X
O	O	X	O	X
O	O	O	O	O
O	O	O	O	O
O	O	O	O	O
O	O	O	O	O
O	O	O	O	O
O	O	O	O	O
O	O	O	△	△
O	O	O	X	X
O	O	O	X	X
O	O	O	X	X
O	O	O	X	X
O	O	O	X	X
7	12	12	12	12
18p	22p		24p	

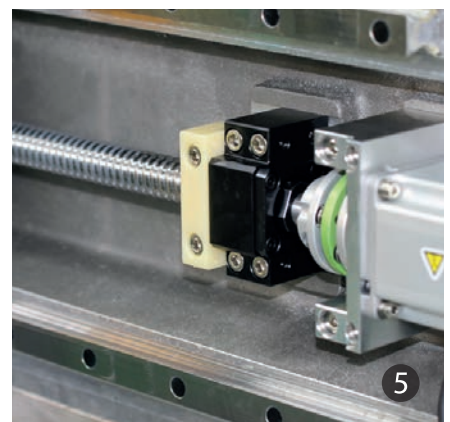
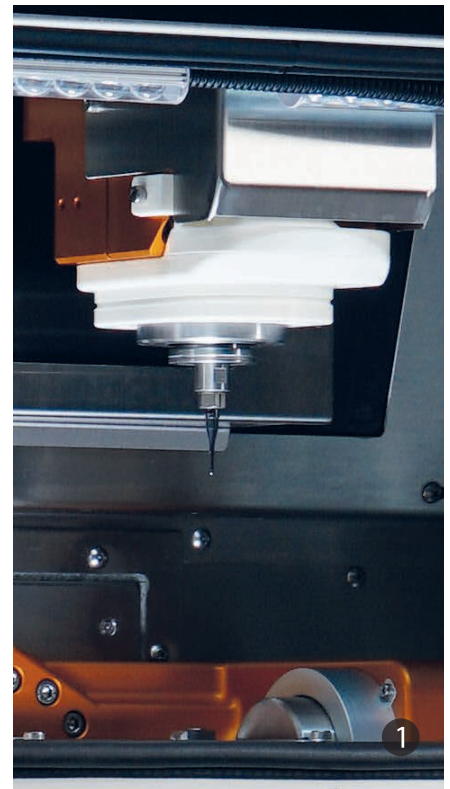


ARUM
3D DENTAL SOLUTIONS

ARUM 5X-200

1. Heavy duty spindle
2. 5 axis simultaneous milling
3. 15 position automatic tool changer
4. 5 unit abutment fixture
5. Precising guides and ball screws

THE BEGINNING AND THE END OF DENTAL CAD/CAM



THE ULTIMATE DENTAL MILLING SOLUTION

ARUM 5X-200



THE BEGINNING AND THE END OF DENTAL CAD/CAM



[5X-200 Specifications]

Number of axis	5 axis	
Indications	Inlay and Onlay, Crown, Coping, Crown Bridge, Coping Bridge, Dental bar, Screw retain bridge, Customized abutment, Hybrid abutment, Model, Splint	
Processing	Wet and Dry	
Cutable materials	Titanium Disk, Co-Cr Disk, Ni-Cr Disk, Pre-milled blank (Titanium), Zirconia, Lithium disilicate(E-max®, etc.), Nano composite(Vericom Mazic® duro, Lava Ultimate® etc.), PMMA, PEEK, Wax and more...	
Surrounding equipment	Water tank(Wet Type) /Option - Air compressor, Dust collector(Dry Type)	
Accuracy	± 5μm	
Drive mechanism	Ballscrew	
Way system	Linear guide	
LED Color	White,Blue	
Machine size	743×827×1782mm (29×32×70inch)	
Machine weight	405Kg (893lb)	
Travel	x,y,z axis	330×146×145mm (13×6×6inch)
	a,b axis	a : 360° / b : ±30°
Spindle power	DC 3.0kw	
Spindle speed	2,000 to 60,000 rpm	
A.T.C Number of tools	15	
Input power	100~240V/50~60Hz	

* The Product Specifications are subject to change without notice for better quality.

THE ULTIMATE DENTAL MILLING SOLUTION

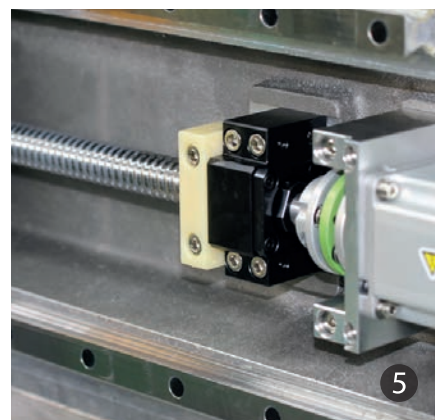
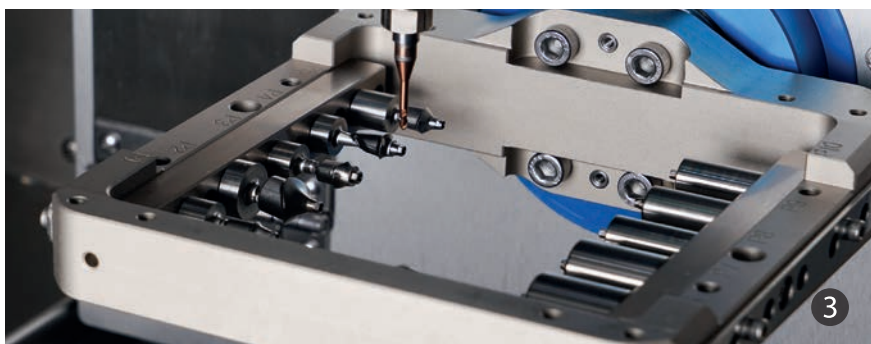
ARUM 5X-200



ARUM 4X-100

1. Heavy duty spindle
2. 4 axis simultaneous milling
3. 10 unit abutment fixture
4. 8 position automatic tool changer
5. Precising guides and ball screws

A LEGEND OF CUSTOMIZED ABUTMENT



THE ULTIMATE DENTAL MILLING SOLUTION

ARUM 4X-100



A LEGEND OF CUSTOMIZED ABUTMENT



[4X-100 Specifications]

Number of axis	4 axis	
Indications	Inlay and onlay, Crown, Coping, Crown bridge, Coping bridge, Customized abutment	
Processing	Wet and Dry	
Cutable materials	Pre-milled blank(Titanium), Zirconia, Lithium disilicate (E-max®, etc.), Nano composite(Vericom Mazic® duro, Lava Ultimate® etc.), PMMA, PEEK, Wax and more...	
Surrounding equipment	Water tank(Wet Type) /Option - Air compressor, Dust collector(Dry Type)	
Accuracy	± 5μm	
Drive mechanism	Ballscrew	
Way system	Linear guide	
LED Color	White,Blue	
Machine size	623×780×1735mm (24×30×68inch)	
Machine weight	300Kg (661lb)	
Travel	x,y,z axis	250×116×110mm (10×5×4inch)
	b axis	b : 360°
Spindle power	AC 1.8kw	
Spindle speed	5,000 to 50,000 rpm	
A.T.C Number of tools	8	
Input power	100~240V/50~60Hz	

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THE ULTIMATE DENTAL MILLING SOLUTION

ARUM 4X-100

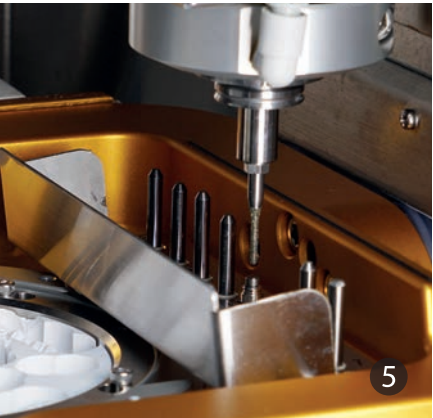


ARUM 5X-150

1. Heavy duty spindle
2. 5 axis simultaneous milling
3. Lithium disilicate cartridge
4. Nano composite cartridge
5. 7 position automatic tool changer



COMPACT, BUT HEAVY DUTY



THE ULTIMATE DENTAL MILLING SOLUTION

ARUM 5X-150



COMPACT, BUT HEAVY DUTY



[5X-150 Specifications]

Number of axis		5 axis
Indications		Inlay and onlay, Crown, Coping, Crown bridge, Coping bridge, Dental bar, Screw retain bridge, Customized abutment , Hybrid abutment, Model, Splint
Processing		Wet and Dry
Cutable materials		Zirconia, Lithium disilicate (E-max®, etc.), Nano composite(Vericom Mazic® duro, Lava Ultimate® etc.), PMMA, PEEK, Wax and more...
Surrounding equipment		Option - Air compressor, Dust collector(Dry Type)
Accuracy		± 5µm
Drive mechanism		Ballscrew
Way system		Linear guide
LED Color		White
Machine size	Machine	545×590×680mm (21×23×26inch)
	Table(Optional)	545×590×900mm (21×23×35inch)
Machine weight	Machine	100Kg (220lb)
	Table(Optional)	60Kg (132lb)
Travel	x,y,z axis	145×110×85mm (5×4×3inch)
	a, b axis	a : ±30° / b : 360°
Spindle power		AC 0.5kw
Spindle speed		6,000 to 80,000 rpm
A.T.C Number of tools		7
Input power		100~240V/50~60Hz

* The Product Specifications are subject to change without notice for better quality..

THE ULTIMATE DENTAL MILLING SOLUTION

ARUM 5X-150



ARUM 5X-300 ARUM 5X-300D



MORE EASY, MORE ACCURATE



MODEL		5X-300	5X-300D
Machine color		Black	Black
Number of axis		5 axis	5 axis
Indications		Inlay and onlay, Crown, Coping, Crown bridge, Coping bridge, Dental bar, Screw retain bridge, Hybrid abutment, Model, Splint	Inlay and onlay, Crown, Coping, Crown bridge, Coping bridge, Dental bar, Screw retain bridge, Hybrid abutment, Model, Splint
Milling stations		Wet and Dry	Dry
Material		Zirconia, Lithium disilicate (E-max®, etc.), Nano composite (Vericom Mazic® duro, Lava Ultimate® etc.), PMMA, Wax, PEEK	Zirconia, Nano composite (Vericom Mazic® duro, Lava Ultimate® etc.), PMMA, Wax, PEEK
Machine size	Machine	540 X 580 X 630mm (21 X 22 X 24 inch)	540 X 580 X 630mm (21 X 22 X 24 inch)
	Table	540 X 580 X 950mm (21 X 22 X 37 inch)	-
Machine weight	Machine	90kg (198lb)	90kg (198lb)
	Table	65kg (143lb)	-
Spindle power		AC 0.5kw	AC 0.5kw
Spindle speed		6,000~80,000 RPM	6,000~60,000 RPM
Tool pocket		12ea	12ea
Rotate angle		a axis : ±30° / b axis : 360°	a axis : ±30° / b axis : 360°

*The Product Specifications are subject to change without notice for better quality.



ARUM 4X-300 ARUM 4X-300D



MORE EASY, MORE ACCURATE



MODEL		4X-300	4X-300D
Machine color		White	White
Number of axis		4 axis	4 axis
Indications		Inlay and onlay, Crown, Coping, Crown bridge, Coping bridge, Hybrid abutment	Inlay and onlay, Crown, Coping, Crown bridge, Coping bridge, Hybrid abutment
Milling stations		Wet and Dry	Dry
Material		Zirconia, Lithium disilicate (E-max®, etc.), Nano composite (Vericom Mazic® duro, Lava Ultimate® etc.), PMMA, Wax, PEEK	Zirconia, Nano composite (Vericom Mazic® duro, Lava Ultimate® etc.), PMMA, Wax, PEEK
Machine size	Machine	540 X 580 X 630mm (21 X 22 X 24 inch)	540 X 580 X 630mm (21 X 22 X 24 inch)
	Table	540 X 580 X 950mm (21 X 22 X 37 inch)	-
Machine weight	Machine	90kg (198lb)	90kg (198lb)
	Table	65kg (143lb)	-
Spindle power		AC 0.5kw	AC 0.5kw
Spindle speed		6,000~80,000 RPM	6,000~60,000 RPM
Tool pocket		12ea	12ea
Rotate angle		a axis : 360°	a axis : 360°

*The Product Specifications are subject to change without notice for better quality.

THE ULTIMATE DENTAL MILLING SOLUTION

ARUM 300 SERIES

ARUM Dental Solution System

SCANNER

ARUM UHD
3D DENTAL SOLUTIONS
[5.0 mp]



ARUM HD
3D DENTAL SOLUTIONS
[1.8 mp]



3shape



MEDIT



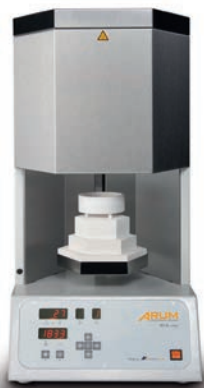
CAM Software

hyperDENT
COMPACT • CLASSIC • OPTIONS

worknc

sum3D

Sintering Furnace



Air Compressor



CAD/CAM ACCESSORIES AND MATERIALS

PRODUCT		IMAGE	SIZE	NOTE
Zirconia	White		10, 12, 14, 16, 18, 20, 22, 25T	HT / OP SMHT(Smile white)
	Shade			E1, E2, E3 / S1, S2, S3 /SMS1, SMS2, SMS3
Metal	Titanium		10, 12, 14, 16, 18, 20T	The Refer to separate list
	Co-Cr			
	Ni-Cr			
PMMA		12, 14, 16, 18, 20T	A1,A2,A3	
Wax		10, 12, 14, 16, 18, 20, 22, 25T	The Refer to separate list	
Nano Composite (Poly Glass / Magic Duro)	Slice Type		22*15*5, 8, 12, 15T / 22*20*5, 8, 12, 15T	A1,A2,A3
	Mandrel Type		10*12*15mm / 14*14*18mm	A1,A2,A3,B1
	Disk Type		8T, 10T	A2,A3
Model Scanbody		-	The Refer to separate list	
Intraoral Scanbody		Ø 4 - 4, 6, 8mm Ø 5 - 4, 6, 8mm Ø 6 - 4, 6, 8mm	The Refer to separate list	
Analog		-	The Refer to separate list	

ARUM Dental Solution System

PRODUCT	IMAGE	SIZE	NOTE	
Ti-Base		-	The Refer to separate list	
Pre-milled Blank		Ø10, Ø14	The Refer to separate list	
Curved Pre-milled Blank		10°, 15°	The Refer to separate list	
Cartridge		5X-200 / 4X-100 / 5X-150	The Refer to separate list	
Zirconia Tool		D2.0, 1.0, 0.6, 0.3mm	The Refer to separate list	
Ball end mill		D3.0, 2.0, 1.5, 1.0, 0.6mm		
Metal Tool	Flat end mill		D2.0, 1.75mm	The Refer to separate list
	Drill		D2.3, 1.5mm	
Glass Ceramic / Composite Resin		D2.5, 1.5, 1.0, 0.6mm	The Refer to separate list	
Reamer Tool	-	MR 01~16 (for major implant)	The Refer to separate list	



CAD/CAM ACCESSORIES AND MATERIALS

[MEMO]



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