

Select your milling machine

for more information about milling strategies and tools

Grandio disc / blocs

Most tooth-like and long-lasting:
for highest aesthetic demands



Milling machine

	Amann Girrbach	www.amanngirrbach.com
	Grandio blocs	Grandio disc
Machine type	Ceramill Motion 2, Ceramill Motion 2 DNA, Ceramill Motion 3, Ceramill Matik, Ceramill Matron, Ceramill Mikro 5x, Ceramill Mikro 4x DNA, Ceramill Motion DRS, Ceramill Mikro IC (Cerec adapter with block holder)	Ceramill Motion 2 DNA, Ceramill Motion 3, Ceramill Matik, Ceramill Matron (Ceramill Material 98)
Modus	Hybrid (wet; for Ceramill Mikro 5x dry)	Grandio disc (wet + dry)
Type of processing	Grinding / Milling	Grinding + Milling
Software*	Ceramill Match 2	Ceramill Match 2

Milling tools

	Machine type	Ø-milling cutter	Ø-shaft	Article no.	Remark
Grandio blocs	Ceramill Motion 2, Ceramill Motion 2 DNA, Ceramill Motion 3, Ceramill Matik, Ceramill Matron, Ceramill Motion DRS, Ceramill Mikro IC (Cerec adapter with block holder)	2.0 mm	3 mm	751004	grinding tool
		1.0 mm	3 mm	751006	grinding tool
		0.4 mm	3 mm	751008	grinding tool
	Ceramill Mikro 5x Ceramill Mikro 4x DNA	2.5 mm	3 mm	760684	milling tool
		1.0 mm	3 mm	760685	milling tool
		2.5 mm	3 mm	751021 – new	milling tool
		1.0 mm	3 mm	751022 – new	milling tool
Grandio disc	Ceramill Motion 2 DNA, Ceramill Motion 3, Ceramill Matik, Ceramill Matron (Ceramill Material 98)	2.5 mm	3 mm	760684	milling tool
		1.0 mm	3 mm	760685	milling tool
		2.5 mm	3 mm	751021 – new	milling tool
		1.0 mm	3 mm	751022 – new	milling tool
		1.0 mm	3 mm	751006	grinding tool
		0.4 mm	3 mm	751008	grinding tool

*Compatibility of the milling machines with other CAM software types and our materials is possible and must be individually verified.

03/2026, updated continuously, www.voco.dental/devicesgrandio. The recommended tools for the milling machine are only compatible with the recommended software.

Milling machine

	Dental Machine by TECNO-GAZ		www.dentalmachine.it
	Grandio blocs	Grandio disc	
Machine type	A5, C5 PLUS, G5, C6, VECTOR, VECTOR LOADER, VORTEX, AXYMAT, AXYLAB	A5, C5 PLUS, G5, C6, VECTOR, VECTOR LOADER, VORTEX, AXYMAT, AXYLAB	
Modus	Grandio blocs (wet + dry)	Grandio disc (wet + dry)	
Type of processing	Grinding	Milling	
Software*	Millbox	Millbox	

Milling tools

	Machine type	∅-milling cutter	∅-shaft	Article no.	Remark
Grandio blocs	Ceramill Motion 2, Ceramill Motion 2 DNA, Ceramill Motion 3, Ceramill Matik, Ceramill Matron, Ceramill Motion DRS, Ceramill Mikro IC (Cerec adapter with block holder)	2.0 mm	3 mm	751004	grinding tool
		1.0 mm	3 mm	751006	grinding tool
		0.4 mm	3 mm	751008	grinding tool
	Ceramill Mikro 5x Ceramill Mikro 4x DNA	2.5 mm	3 mm	760684	milling tool
		1.0 mm	3 mm	760685	milling tool
Grandio disc	Ceramill Motion 2 DNA, Ceramill Motion 3, Ceramill Matik, Ceramill Matron (Ceramill Material 98)	2.5 mm	3 mm	760684	milling tool
		1.0 mm	3 mm	760685	milling tool
		1.0 mm	3 mm	751006	grinding tool
		0.4 mm	3 mm	751008	grinding tool

*Compatibility of the milling machines with other CAM software types and our materials is possible and must be individually verified.

03/2026, updated continuously, www.voco.dental/devicesgrandio. The recommended tools for the milling machine are only compatible with the recommended software.

Milling machine

	Roland DG	www.dgshape.com
	Grandio blocs	Grandio disc
Machine type	DWX-4, -42W, -51D, -52D, -52DC, -52DCi, -53D, -53DC	DWX-51D, -52D, -52DC, -52DCi, -52Di, -53D, -53DC
Modus	Hybrid Ceramic (wet)	Composite (wet, optional dry)
Type of processing	Grinding	Grinding / Milling
Software*	Millbox, hyperdent	Millbox, hyperdent

Milling tools

	Machine type	Ø-milling cutter	Ø-shaft	Article no.	Remark
Grandio blocs	DWX-4, -42W, -51D, -52D, -52DC, -52DCi, -53D, -53DC	2.5 mm	3 mm	ZGB2-125D	High quality
		1.5 mm	3 mm	ZGB2-75D	High quality
		1.0 mm	3 mm	ZGB2-50D	High quality
		0.5 mm	3 mm	ZGB2-25D	High quality
		2.5 mm	3 mm	ZGB-125D	Standard quality
		1.0 mm	3 mm	ZGB-50D	Standard quality
		0.5 mm	3 mm	ZGB-25D	Standard quality
Grandio disc	DWX-51D, -52D, -52DC, -52DCi, -52Di, -53D, -53DC	2.0 mm	3 mm	ZDB-100D	
		1.0 mm	3 mm	ZDB-50D	
		0.6 mm	3 mm	ZDB-30D	

*Compatibility of the milling machines with other CAM software types and our materials is possible and must be individually verified.

03/2026, updated continuously, www.voco.dental/devicesgrandio. The recommended tools for the milling machine are only compatible with the recommended software.

Milling machine

	Dyamach	www.dyamach.com
	Grandio blocs	Grandio disc
Machine type	DS1 Plus, AS1, AS1 Pro, DT2	DS1, DS1 Plus, AS1, AS1 Pro, DT2
Modus	Only Dry (DS1) - Hybrid: Dry & Wet (DS1 Plus, AS1, AS1 Pro, DT2)	Only Dry (DS1) - Hybrid: Dry & Wet (DS1 Plus, AS1, AS1 Pro, DT2)
Type of processing	Grinding	Milling
Software*	Millbox, hyperdent	Millbox, hyperdent

Milling tools

	Machine type	∅-milling cutter	∅-shaft	Article no.	Remark
Grandio blocs	DS1 Plus, AS1, AS1 Pro, DT2	2.5 mm	4 mm		Diamond Grinding Burs
		1.5 mm	4 mm		Diamond Grinding Burs
		1 mm	4 mm		Diamond Grinding Burs
		0.5 mm	4 mm		Diamond Grinding Burs
Grandio disc	DS1, DS1 Plus	2 mm	4 mm		Diamond Milling Cutter
		1 mm	4 mm		Diamond Milling Cutter
		0.6 mm	4 mm		Diamond Milling Cutter
	AS1, AS1 Pro, DT2	2 mm	6 mm		Diamond Milling Cutter
			4 mm		Diamond Milling Cutter
		1 mm	6 mm		Diamond Milling Cutter
			4 mm		Diamond Milling Cutter
		0.6 mm	6 mm		Diamond Milling Cutter
	4 mm		Diamond Milling Cutter		

*Compatibility of the milling machines with other CAM software types and our materials is possible and must be individually verified.

03/2026, updated continuously, www.voco.dental/devicesgrandio. The recommended tools for the milling machine are only compatible with the recommended software.

Milling machine

	imes-icore	www.imes-icore.de
	Grandio blocs	Grandio disc
Machine type	CORiTEC 150i, 250i, 250i Pro, 250iPro +, 350i, 350i Pro, 350i Pro+, 350i XPro, 650i, one, one+*	CORiTEC 150i, 250i, 250i Pro, 250iPro +, 350i, 350i Pro, 350i Pro+, 350i XPro, 650i, one, one+*
Modus	Grandio blocs (wet)	Composite (wet, dry on request imes-icore support)
Type of processing	Grinding	Milling
Software*	iCam V4.7, V5 smart, HD, hyperdent	iCam V4.7, V5 smart, HD, hyperdent

Milling tools

	Machine type	∅-milling cutter	∅-shaft	Article no.
Grandio blocs	3 mm ∅-shaft: 150i, 250i, One, One+	2.5 mm	3 mm 6 mm	530005 2503 526005 2506
	6 mm ∅-shaft: 250i Pro+, 350i, 350i X Pro, 650i	1.0 mm	3 mm 6 mm	530005 1003 526005 1006
		0.6 mm	3 mm 6 mm	530005 0603 526005 0606
		0.3 mm	3 mm 6 mm	530005 1503 526005 1506
Grandio disc	3 mm ∅-shaft: 150i, 250i, One, One+, series	2.5 mm	3 mm 6 mm	530013 2503 526013 2506
		1.0 mm	3 mm 6 mm	530013 1003 526013 1006
	6 mm ∅-shaft: 250i Pro+, 350i, 650i, series	0.6 mm	3 mm 6 mm	530016 0603 526019 0606
		0.3 mm	3 mm 6 mm	530016 0303 526019 0306

*Compatibility of the milling machines with other CAM software types and our materials is possible and must be individually verified.

03/2026, updated continuously, www.voco.dental/devicesgrandio. The recommended tools for the milling machine are only compatible with the recommended software.

Milling machine

	Planmeca	www.planmeca.com
	Grandio blocs for PlanMill	Grandio disc
Machine type	PlanMill 30 S / 35 S / 40 S / 60 S	PlanMill 60 S
Modus	Grandio blocs (wet)	Composite (wet, dry on request Planmeca support)
Type of processing	Grinding	Milling
Software*	PlanCam	PlanCam

*Compatibility of the milling machines with other CAM software types and our materials is possible and must be individually verified.

03/2026, updated continuously, www.voco.dental/devicesgrandio.

Milling machine

	vhf camufacture	www.vhf.de
	Grandio blocs	Grandio disc
Machine type	S1, S2, S5, K4 edition, K5, K5+, R5, Z4, N4, N4+, E4, Z4	S1, S2, S5, K4 edition, K5, K5+, R5, E5**
Modus	Grandio blocs (wet)	Grandio disc / Grandio disc multicolor (wet + dry)
Type of processing	Grinding	Grinding / Milling
Software*	DentalCAM, hyperdent	DentalCAM, hyperdent

Milling tools

	Machine type	∅-milling cutter	∅-shaft	Article no.	Remark
Grandio blocs	E4, K4 edition, K5, K5+, N4, N4+, R5, S1, S2, S5, Z4	2.4 mm	3 mm	G240-R-35	radius grinding pin
		1.2 mm	3 mm	G120-T-35	torus grinding pin***
		1.0 mm	3 mm	G100-R-35	radius grinding pin
		0.6 mm	3 mm	C060-T-35	torus grinding pin***
		0.6 mm	3 mm	C060-R-35	radius grinding pin
Grandio disc	K4 edition	2.0 mm	3 mm	C200-R1D-35	single-tooth radius cutter
	K4 edition	2.0 mm	3 mm	Z200-R3D-35	single-tooth radius cutter – new
	K4 edition	1.0 mm	3 mm	C100-R1D-35	single-tooth radius cutter
	K4 edition	0.6 mm	3 mm	U060-R2-35	two-tooth radius cutter
	E5, K5, K5+, R5, S1, S2, S5	2.0 mm	3 mm	C200-R1D-40	single-tooth radius cutter
	E5, K5, K5+, R5, S1, S2, S5	2.0 mm	3 mm	Z200-R3D-40	single-tooth radius cutter – new
	E5, K5, K5+, R5, S1, S2, S5	1.0 mm	3 mm	C100-R1D-40	single-tooth radius cutter
	E5, K5, K5+, R5, S1, S2, S5	0.6 mm	3 mm	U060-R2-40	two-tooth radius cutter

*Compatibility of the milling machines with other CAM software types and our materials is possible and must be individually verified.

These milling machines can also be used chairside as they only need to be plugged in. *Torus grinders are used for milling connection geometries.

03/2026, updated continuously, www.voco.dental/devicesgrandio. The recommended tools for the milling machine are only compatible with the recommended software.

Milling machine

	Zirkonzahn	www.zirkonzahn.com
	Grandio blocs	Grandio disc
Machine type	Milling Unit M (M1–M5)	M2, M2 Dual, M4, M6 (98 holder)
Modus	Composite glass (wet)	Glass95 (wet)
Type of processing	Grinding	Machinable with grinder
Software*	Zirkonzahn Nesting	Zirkonzahn Nesting

Milling tools

	Machine type	∅-milling cutter	∅-shaft	Article no.	Remark
Grandio blocs	Milling Unit M (M1–M5)	3.0 mm	6 mm	ZBAC2066	for disc only, not suitable for blocs
		2.5 mm	6 mm	ZBAC2026	suitable for blocs and disc
Grandio disc	M2, M2 Dual, M4, M6	1.25 mm	6 mm	ZBAC2016	suitable for blocs and disc
		0.6 mm	6 mm	ZBAC2006	suitable for blocs and disc

*Compatibility of the milling machines with other CAM software types and our materials is possible and must be individually verified.

03/2026, updated continuously, www.voco.dental/devicesgrandio.

Milling machine

	3Shape	www.3shape.com
	Grandio blocs	Grandio disc
CAD-Software	Dental System**	Dental System**


Milling machine

	exocad GmbH	www.exocad.com
	Grandio blocs	Grandio disc
CAD-Software	DentalCAD / Chairside CAD**	DentalCAD*

*VOCO material data for exocad are available at exocad DentalShare or can be obtained from VOCO Digital Support (digitalsupport@voco.com)

**VOCO material data are available at VOCO Digital Support (digitalsupport@voco.com)

03/2026, updated continuously, www.voco.dental/devicesgrandio.

Milling machine

	Hyperdent	www.follow-me-tech.com
	Grandio blocs	Grandio disc
CAM-Software	hyperdent	hyperdent
Machine type	DGShape: DWX-4, DWX 42 W, DWX 51D, DWX 52D, DWX 52DC, DWX 52Dci, DWX 52Di, DWX 53D, DWX 53DC, DWX 53Dci	DGShape: DWX 51D, DWX 52D, DWX 52DC, DWX 52Dci, DWX 53D, DWX 53DC, DWX 53Dci
	imes-icore: 150i, 150i Pro, 250 Series, 350 Series, 650i Series, one, one+	imes-icore: 150i, 150i Pro, 250 Series, 350 Series, 650i Series, one, one+
	vhf: E4, E5, K4 edition, K5, K5+, N4, N4+, R5, S1, S2, S5, Z4	vhf: E5, K4 edition, K5, K5+, R5, S1, S2, S5