

PoliDent
poliCUTTER milling tools

PMMA DISCS

	art.nr.	head dia. mm	shank dia. mm	overall length mm	use for
AMANN GIRRBACH	15724	1.0	3.0	47	PMMA
	15725	2.5	3.0	47	PMMA
	15726	0.6	3.0	47	PMMA
IMES ICORE	15727	1.0	3.0	48	PMMA
	15728	2.5	3.0	48	PMMA
	15729	0.6	3.0	48	PMMA
VHF	15730	1.0	3.0	35	PMMA
	15731	2.0	3.0	35	PMMA
	15732	0.6	3.0	35	PMMA
ZIRKONZAHN	15733	1.0	3.0	50	PMMA
	15734	2.0	3.0	50	PMMA
	15735	0.5	3.0	50	PMMA
ROLAND	15744	2.0	4.0	50	PMMA
	15745	1.0	4.0	50	PMMA
	15746	0.6	4.0	50	PMMA

ZIRCONIA DISCS

	art.nr.	head dia. mm	shank dia. mm	overall length mm	use for
AMANN GIRRBACH	15700	1.0	3.0	48	Zr
	15701	2.5	3.0	48	Zr
	15702	0.6	3.0	48	Zr
IMES ICORE	15703	1.0	3.0	48	Zr
	15704	2.5	3.0	48	Zr
	15705	0.6	3.0	48	Zr
VHF	15706	1.0	3.0	35	Zr
	15707	2.0	3.0	35	Zr
	15708	0.6	3.0	35	Zr
ZIRKONZAHN	15709	1.0	3.0	57	Zr
	15710	2.0	3.0	57	Zr
	15711	0.5	3.0	57	Zr
ROLAND	15736	2.0	4.0	50	Zr
	15737	1.0	4.0	50	Zr
	15738	0.6	4.0	50	Zr
	15739	0.3	4.0	50	Zr

ZIRCONIA DISCS
diamond coated

	art.nr.	head dia. mm	shank dia. mm	overall length mm	use for
AMANN GIRRBACH	15712	1.0	3.0	48	Zr with diamond
	15713	2.5	3.0	48	Zr with diamond
	15714	0.6	3.0	48	Zr with diamond
IMES ICORE	15715	1.0	3.0	48	Zr with diamond
	15716	2.5	3.0	48	Zr with diamond
	15717	0.6	3.0	48	Zr with diamond
VHF	15718	1.0	3.0	40	Zr with diamond
	15719	2.0	3.0	40	Zr with diamond
	15720	0.6	3.0	40	Zr with diamond
ZIRKONZAHN	15721	1.0	3.0	57	Zr with diamond
	15722	2.0	3.0	57	Zr with diamond
	15723	0.5	3.0	57	Zr with diamond
ROLAND	15740	2.0	4.0	50	Zr with diamond
	15741	1.0	4.0	50	Zr with diamond
	15742	0.6	4.0	50	Zr with diamond
	15743	0.3	4.0	50	Zr with diamond



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PoliDent

since 1958



CAD/CAM DISCS

PoliDent

PMMA CAD/CAM *disc* BASIC

Suitable for fabrication of temporary crowns and bridges and for verifying the bridge on the plaster model/ in mouth before the final ZrO2 milling process

- Characteristics:** Vickers hardness: 26 HV. Flexural strength: min. 114 MPa. E-Module: min. 2771 MPa. Residual monomer < 1%.
Diameter: 95 - 100 mm. Thickness: 12, 13, 14, 15, 16, 18, 20, 25, 30, 35 mm.
- Indications:** temporary crowns and bridges, verification of the bridge on the plaster model/ mouth
- Colors:** A1, A2, A3, B1, B2, B3, BL1, BL2, BL3
enamel colours: E1, E2
CLEAR, BERRY, BLUE, GREEN, ORANGE



*Upon request we can supply also other shapes, diameters and/or designs.

PoliDent

PMMA CAD/CAM *disc* MULTILAYER

Multi-layered, pre-coloured PMMA discs for making temporary crowns and bridges. A multi-layered disc is composed of five shades of colour with gentle colour transitions that give it a natural look.

- Characteristics:** Vickers hardness: min 26 HV. Flexural strength: min. 114 MPa. E-Module: min. 2771 MPa. Residual monomer < 1%.
Diameter: 98,5mm shoulder, 95mm Z, 100 mm AG. Thickness: 15, 16, 18, 20 mm.
- Indications:** temporary crowns and bridges
- Colors:** A1, A2, A3, B1



The multi-colored disc consists of five color shades with gentle color transitions that provide a natural look

PoliDent

PINK CAD/CAM *disc*

Can be used to mill digitally designed highly esthetic and functional dentures

- Characteristics:** Vickers hardness: min 26 HV. Flexural strength: min. 114 MPa. E-Module: min. 2771 MPa. Residual monomer < 1%.
Diameter: 98,5mm shoulder, 95mm Z, 100 mm AG. Thickness: 25, 27, 30 mm.
- Indications:** full dentures, partial dentures, temporary immediate load implant dentures
- Colors:** pink, pink veined



PoliDent

CASTING CAD/CAM *disc*

Can be used for milling castable frameworks for metal casting and castable layers for press ceramic

- Characteristics:** Produced of 100% organic material that burns-out without any residual ash.
Diameter: 98,5mm shoulder, 95mm Z, 100 mm AG. Thickness: 12, 15, 18, 20, 25, 30 mm. Colour: transparent.
- Indications:** milling frameworks for casting, milling castable layers for press ceramic, verifying frameworks on plaster model before final ZrO₂ milling (especially recommended for larger ZrO₂ frameworks)



PoliDent

MODEL CAD/CAM *disc*

Suitable for milling dental models

- Characteristics:** This is a special, highly-compressed material with exceptional abrasion resistance. The model doesn't absorb liquids so it is recommended for ceramic layering. Nevertheless, it has excellent milling ability. Available in two densities.
Diameter: 98,5mm shoulder, 95mm Z, 100 mm AG. Thickness: 25 mm.
- Indications:** Milling of stumps/ dies, working models and antagonists. Digital models are CAD designed from 3D data acquired with a wide range of digital impression-taking solutions.



PoliDent

X-RAY CAD/CAM *disc*

X-ray visible disc used for milling diagnostic stents for implant planning

- Characteristics:** Contains X-ray visible powder. Homogeneous mix ensures best visibility.
Prevents light scattering.
Diameter: 98,5mm shoulder, 95mm Z, 100 mm AG. Thickness: 12, 14, 15, 16, 18, 20, 25 mm.
- Indications:** allows visibility of teeth setup in the X-ray CAT scan for implant planning and determination

