

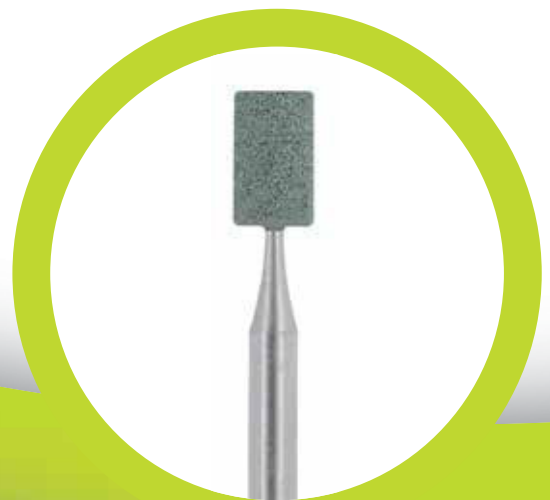
*Jota*

 **swiss dentistry**



## Abrasives

Innovative abrasives  
from Switzerland results in  
perfect surface areas



# Several shapes of abrasives for in vivo applications

## Green - Silicon Carbide

› Silicon carbide abrasives to process ceramic and acrylics



<b>Match Code</b>	<b>601</b>	<b>602</b>	<b>603</b>	<b>622</b>	<b>638</b>	<b>639</b>
<b>Shape</b>	spherical (round)	spherical (round)	spherical (round)	wheel	cylindrical, side and end cutting	cylindrical, side and end cutting
<b>Shank</b>	RA	RA	RA	RA	RA	RA
<b>Ø</b>	030	040	050	065	025	035



<b>Match Code</b>	<b>649</b>	<b>650</b>	<b>651</b>	<b>652</b>	<b>660</b>	<b>661</b>
<b>Shape</b>	conical (truncated conical)	conical (truncated conical)	conical (truncated conical)	conical (truncated conical)	torpedo, cylindrical	torpedo, cylindrical
<b>Shank</b>	RA	RA	RA	RA	RA	FG / RA
<b>Ø</b>	025	028	032	035	025	025



<b>Match Code</b>	<b>662</b>	<b>666</b>	<b>667</b>	<b>671</b>	<b>645</b>
<b>Shape</b>	torpedo, cylindrical	bud, slender	bud, slender	bud, rounded, long	conical pointed
<b>Shank</b>	RA	RA	RA	RA	FG / RA
<b>Ø</b>	035	025	035	060	028



<b>Match Code</b>	<b>601F</b>	<b>638F</b>	<b>645F</b>	<b>649F</b>	<b>661F</b>
<b>Shape</b>	spherical (round)	cylindrical, side and end cutting	conical pointed	conical (truncated conical)	torpedo, cylindrical
<b>Shank</b>	FG / RA	FG	FG / RA	RA	FG / RA
<b>Ø</b>	030	025	025	025	025

## Pink - High-Grade Corundum

› High-grade corundum abrasives to process all metal materials



<b>Match Code</b>	<b>601</b>	<b>649</b>	<b>661</b>	<b>666</b>
<b>Shape</b>	spherical (round)	conical (truncated conical)	torpedo, cylindrical	bud, slender
<b>Shank</b>	RA	RA	RA	RA
<b>Ø</b>	030	025	025	025

## Arkansas

› Finest grinding and polishing of all composite and glass ionomer filling materials



<b>Match Code</b>	<b>601</b>	<b>638</b>	<b>645</b>	<b>649</b>	<b>660</b>	<b>661</b>	<b>662</b>	<b>666</b>
<b>Shape</b>	spherical (round)	cylindrical, side and end cutting	conical pointed	conical (truncated conical)	torpedo, cylindrical	torpedo, cylindrical	torpedo, cylindrical	bud, slender
<b>Shank</b>	FG / RA	FG / RA	FG / RA	FG / RA	FG / RA	FG / RA	FG / RA	FG / RA
<b>Ø</b>	030	025	028	025	025	025	030	025

## Glaze Prep





- › Chairside application of glass ceramic like lithiumdisilikat
- › Surface preparation of glass ceramics to glaze crowns and bridges
- › Suitable to trimm bar attachments
- › Adjusting occlusal contact points of full anatomical zirconia crowns
- › To be used in a blue contra-angle hand piece



<b>Match Code</b>	<b>GP662</b>
<b>Shape</b>	torpedo, cylindrical
<b>Shank</b>	RA
<b>Ø</b>	035

# General Information

Application		
recommended	suitable	not suitable
✔	✔	✘

Abrasives	Material				
	Ceramic	Plastic	Non-precious metals	Enamel	Composite
 Green	✔	✔	✘	✘	✘
 Green fine	✔	✔	✘	✘	✘
 Pink	✘	✘	✔	✘	✘
 Arkansas	✘	✘	✘	✔	✔

## Hygiene

    
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## Rotation speed and pressure

Right Angle RA	Friction Grip FG	Contact pressure
› recommended    15'000 - 25'000 min <sup>-1</sup> › max.                30'000 min <sup>-1</sup>	› recommended    80'000 - 100'000 min <sup>-1</sup> › max.                120'000 min <sup>-1</sup>	› recommended    approx. 2 N (approx. 200 g)

# Abrasives

As leading manufacturer, JOTA offers a wide range of abrasives for all dental materials - like composite, acrylics, metals and all types of ceramics.

JOTA abrasives are made of high-grade corundum, silicon carbide or diamond grain. We offer high quality abrasives with a stainless steel shank, uniform grit size, optimal bond hardness for long durability as well as precise, concentric running.

**this makes JOTA the world's leading manufacturer of abrasives!**

## Dental applications:

For removal, smoothing and high-gloss polishing of:

- › Porcelain
- › Precious metal alloys
- › Non-precious metal alloys
- › Titanium
- › Acrylics
- › Composite
- › Amalgam
- › Tooth enamel



- › Outstanding cutting efficiency
- › Concentric, vibration-free running
  - › high durability
  - › Minimal heat development
- › Made of high-grade raw materials
  - › For all dental materials

JOTA-Dealer:

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