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Important Information

It´s the start of a wonderful friendship

Machining **priti®multidisc ZrO_2 High Translucent, Extra Translucent** and **Translucent**

We are delighted that you have chosen our product!

- **priti®multidisc ZrO_2 High Translucent** with a translucency of 49% and flexural strength of > 650 MPa is the material of choice for fully anatomical, monolitic restorations with up to 3 pontics.
- **priti®multidisc ZrO_2 Extra Translucent** with a translucency of 45% and flexural strength of > 1150 MPa is the material of choice for for fully anantomical, monolitic and partially/fully veneered restorations with up to 16 pontics.
- **priti®multidisc ZrO_2 Translucent** with a translucency of 40% and flexural strength of > 1150 MPa is the material of choice for for fully anantomical, monolitic and partially/fully veneered restorations and supra-structures with up to 16 pontics .

You might be wondering:"What kind of zirconia is **priti®multidisc ZrO_2**?"
We`ll let you into the secret: "It´s just like any other zirconia, but more so." We know because it comes from our own production site and is made in Germany. This material provides you with the support you need on your peronal path to beautiful and long-lasting dental protheses. On on-site material experts have put together some important information to make your work easiert...

- Reduce feed rates during rough machining: The quality of milling depends on several factors including the machine, machining strategy, zirconia etc. To ensure that you can chieve optimum milling results from the start, we recommend using a lower speed than with opaque materials during rough machining

Job	**Rough machining Occlusal/cavity**	**Rough machining Residual material**
Tool diameter-Ø	2.5 mm	1.0 mm
Parameter:		
Spindle speed	20,000-22,000 rpm	20,000-22,000 rpm
Infeed	1,200-1,500 mm/min	1,000-1,300 mm/min
Speed	1,000 mm/min	700 mm/min
Allowance	0.15 mm	0.15 mm
Tool path distance	1.00 mm	0.20 mm
Step down/step	1.00 mm	0.50 mm

- Coated milling tools: These offer the benefit of low wear with longer tool life

- Separate firing of pre-colored restorations: Sintering together with other materials could cause unwanted changes in color and translucency. This applies particulary to materials processe using dye liquids. Sinter beads must also be replaced to avoid dye liquid residues.

- Cleaning firing (e.g. using **priti®clean** cleaning powder): It is particularly important to clean sintering furnaces that are contaminated by dye liquids before sintering a procolored matrial for the first time. This prevents unpleasant surprises and allows optimum photo-optical results for zirconia.

pritidenta® wishes you every success!

Just experience brilliant results with the next generation zirconia!