

LazerTEK® Partials

The Premier CoCr Laser-Printed Framework

Getting Started Is Simple!

Bertram Dental Lab is proud to be the exclusive provider of LazerTEK® partials. Backed by selective laser melting (SLM) technology, these partials are never at risk of traditional casting issues, such as porosity, miscasts, or supply chain disruptions. Every LazerTEK® Partial is manufactured using German SLM Solutions printers, the same equipment used to manufacture Bugatti supercar Chiron brakes.

Benefits:

- ▲ Superior Yield & Tensile Strength
- ▲ High Accuracy
- ▲ 5-Year Warranty
- ▲ 5-Day In-Lab Turnaround (From Your Model)
- ▲ 2-3 Day In-Lab Turnaround from Your RPD .STL Upload
- ▲ 100% Manufactured in Wisconsin



Independent Test Group-C0212-H				
Customer Alloy Name	LazerTEK® Partial Alloy			
Material	CoCrMo			
Room Temperature Tensile Testing ASTM E8/E8M-21				
(3) Test Samples per group				Dated 8/23/2021
COMPARISON				
	LazerTEK® Partial Alloy	Vitallium 2000 Plus	Vitallium 2000	Vitallium
Yield Strength-MPa The Ability to resist permanent deformation				
X-Average	878	-	-	-
Y-Average	850	-	-	-
Z-Average	815	-	-	-
Total Average	847.67	680	600	616
Tensile Strength-Mpa Fracture Resistance				
X-Average	1074	-	-	-
Y-Average	1042	-	-	-
Z-Average	1029	-	-	-
Total Average	1048.33	960	855	855
Elongation-% Adjustability				
X-Average	4.9	-	-	-
Y-Average	4.5	-	-	-
Z-Average	6.7	-	-	-
Total Average	5.37	10	6	4.5

See for yourself the exceptional quality of the LazerTEK® Partial Alloy.
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Visit bertramdental.com to gain access to our online Rx forms, shipping service OR upload partner portal. Ship BDL your gypsum or 3D-printed model and Rx form. Our team will scan your model and begin work using our German in-lab printers.