

Crown & Bridge Comparison Chart

| | DTS Standard PFM | DTS Premium PFM | DTS Full Metal Crown | DTS Opalite® Full Zirconia | DTS Chameleon® Zirconia | 3M ESPE Lava™ Zirconia from DTS |
|---|--|---|--|--|---|---|
| Price (per unit) | £49 (excludes cost of alloy) | £94 (excludes cost of alloy for semi/precious) | £46-72.50 (excludes cost of alloy for semi/precious) | £79 | £120 Crown £140 Bridge | £125 Crown £150 Bridge |
| Material used | Non-precious Semi-precious or precious alloy coping with porcelain overlay | Cobalt chrome, semi-precious alloy with layered porcelain overlay | Cobalt chrome, non-precious gold-coloured or precious gold alloy | Monolithic Zirconia restoration | Zirconia coping with multi-layered porcelain overlay | Premium 3M Zirconia coping with multi-layered porcelain overlay |
| Method | Hand-cast and built up | Hand-cast and built up by senior technician | Hand-cast (for precious/semi-precious or laser-sintered) (cobalt chrome) | Milled using CAD/CAM technology | Designed & milled using CAD/CAM technology and built up by hand | Designed & milled using CAD/CAM technology and built up by hand |
| Aesthetics | ★★★ | ★★★★ | ★ | ★★★★ | ★★★★★ | ★★★★★ |
| Shades/Colouring | No internal effects 2 standard shades | Internal effects customised shading many layers | Not required | No internal effects 1 standard shade | Internal effects customised shading | Internal effects customised shading |
| Shade Service (Additional charges apply) | ✗ | ✓ | ✗ | ✗ | ✓ | ✓ |
| Margin Options | ✓ | ✓ | Not required | Not required | Not required | Not required |
| Strength | ★★★★★ | ★★★★★ | ★★★★★★ | ★★★★★★ | ★★★★★ | ★★★★★ |
| Add-On Options (fit to denture, attachments, etc Charges may apply) | ✓ | ✓ | ✓ | ✗ | Fit to denture, rests & ledges | Fit to denture, rests & ledges |
| Benefits | Traditional method Chrome cobalt (NP) Semi-precious | Traditional method Choice of alloys Multi-layer build | High durability Precious metal / strong Cobalt chrome (NP) | Good aesthetics High durability Extreme strength Metal-free | Premium aesthetics Excellent fit Metal-free | Premium aesthetics Excellent fit Metal-free |
| Recommended usage | Full mouth | Full mouth | Posterior teeth | Posterior teeth bruxers/grinders | Full mouth, aesthetically demanding cases | Full mouth, aesthetically demanding cases |
| Recommended bonding | Traditional cementation | Traditional cementation or bonding technique | Traditional cementation or bonding technique | Traditional cementation or bonding technique | Traditional cementation or bonding technique | Traditional cementation or bonding technique |
| Turnaround time | 5 lab days | 5 lab days | 5 lab days | 5 lab days | 5 lab days | 5 lab days |
| Warranty | 1 year for complete restoration | 1 year for complete restoration | 1 year for complete restoration | 5 years for complete restoration | 3 years for complete restoration | 5 years for framework & 3 years complete restoration warranted by 3M ESPE |

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