5 Types of Dental Burs & When To Use Them

1. DIAMOND BURS
   - Common Uses:
     - Cutting through porcelain
     - Polishing
   - Advantages:
     - Cuts with extreme precision
     - Lasts longer than man-made burs

2. CARBIDE BURS
   - Common Uses:
     - Preparing cavities for fillings
     - Shaping bone
     - Removing old fillings
   - Advantages:
     - Leaves a smoother surface than diamond burs
     - Less vibration and chatter

3. CERAMIC BURS
   - Common Uses:
     - Removing dentin
     - Cavity preparation
   - Advantages:
     - Conducts less heat
     - Better for adjusting acrylic
     - Better for adjusting thermoplastics
     - Cooler cutting; fewer burns

4. STEEL BURS
   - Common Uses:
     - Adjusting acrylic pieces
   - Advantages:
     - Abrasion resistance and good edge retention
     - Lower maintenance
     - Flexible

5. DIFFERENT SHAPES OF DENTAL BURS
   - Common Shapes:
     - Football burs
     - Pear burs
     - Round burs

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