

Dental lab equipment

Dental burs and brushes

MSC.P.T SAMAH

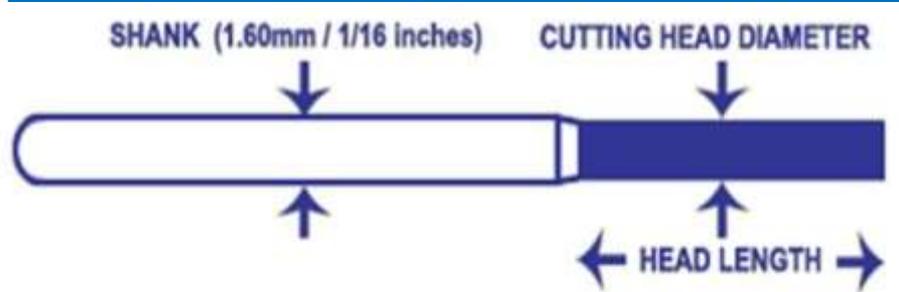
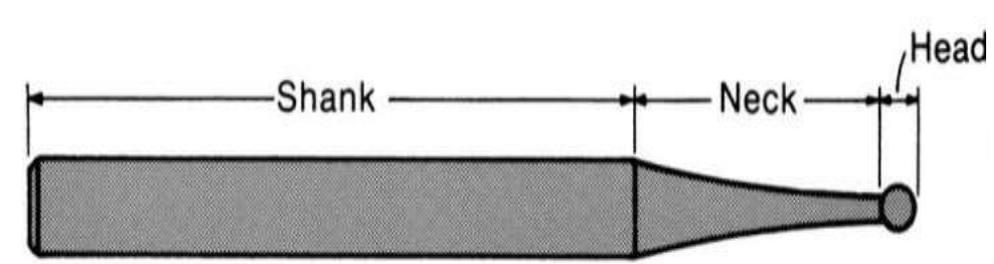
KHALEEL RADHI

Dental burs

Dental burs are used for cutting hard tissues such as bone (surgical bur) or tooth (burs used in operative and crown and bridge), they are also used in dental laboratory in various steps of prosthetic procedure



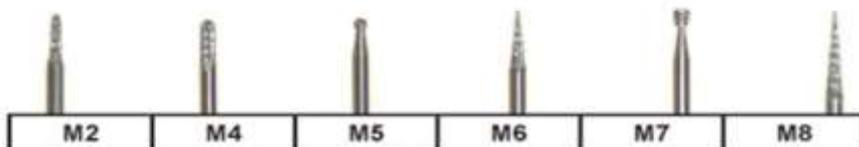
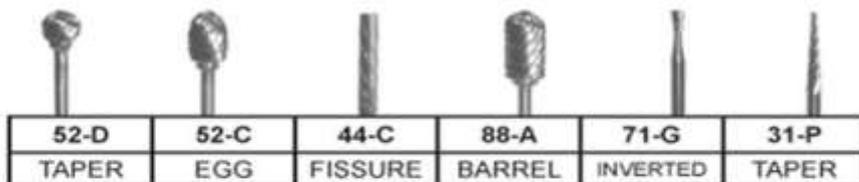
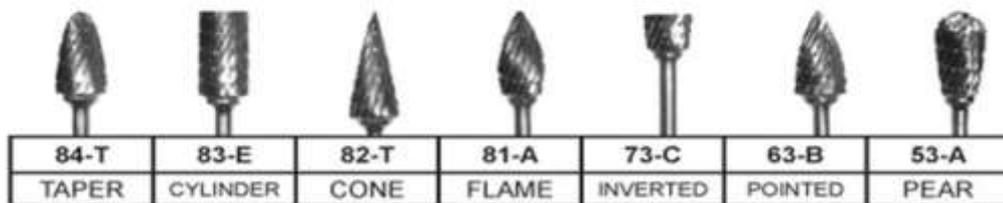
Two layers of natural diamonds aid performance and longevity for Nouveau diamond burs from DentalEZ Group.



Dental laboratory burs are used in various steps of prosthetic procedure. They are usually made of stainless steel, diamond, tungsten carbide, carborundom (abbarasive and rubber. They are of different shapes and sizes designed for specific work (taper, cylinder, cone, flame, inverted, pointed, pear, egg, fissure, barrel,)

Laboratory Carbide Burs (HP Shank)

Premium Quality, Long Lasting & Non-Clogging

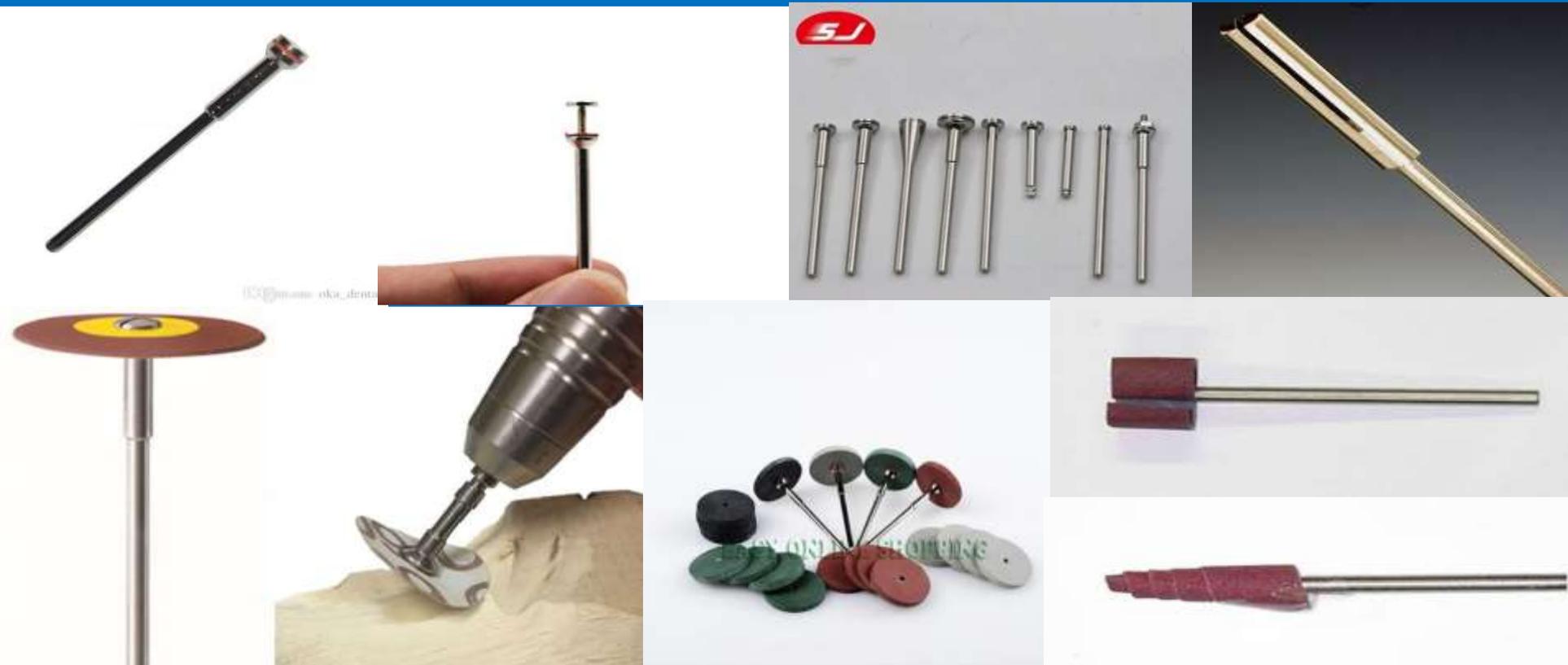


Silicon Rubber Bur

Acrylic Polishing

Reinforced Shank

Mandrel Is a laboratory bur with out working head , there is a screw at the end To which cutting disc , rubber wheel , or brush may be attached , mandrel may come in different sizes (for straight and contrangle handpiece) , some mandrel have a **slot** for attachment of sand paper , main use of mandrel is for smoothing and finishing



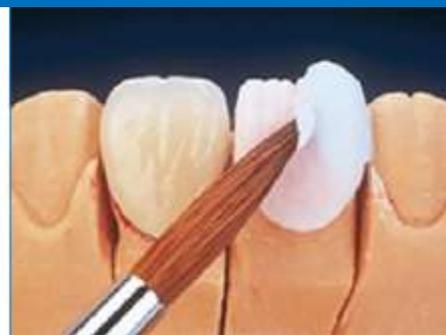
Regardless to the shape of the bur they are called acrylic burs because they are used in removing excess acrylic after polymerization with metal burs , then with stone burs , and rubber , and brush for finishing and polishing





Brushes Types of dental brushes

1- porcelain bristle brush, it is used in crown and bridge in building up porcelain (usually porcelain is build up by layers) it comes in different sizes ,medium fine , very fine



2- Bristle brush wheel

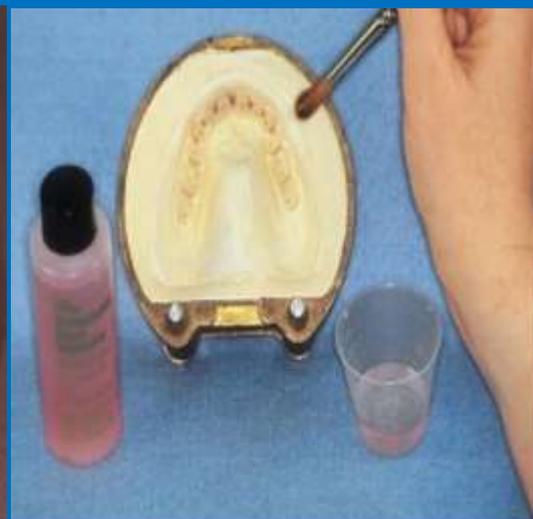
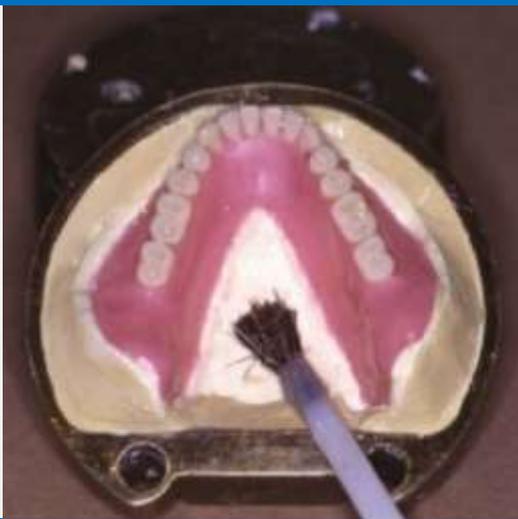
A- white , used in polishing acrylic polishing , B- Black , used in polishing metal and coarse polishing



3- cotton brush wheel , used in polishing acrylic (fine polishing) 4- cloth brush wheel , used for acrylic polishing



5- separating medium brush , used to apply separating medium before flacking and placement of acrylic and special tray construction



6- cleaning brush , used to clean dentures and partial flask after wax elimination and also after finishing of and polishing





*Thank
You*