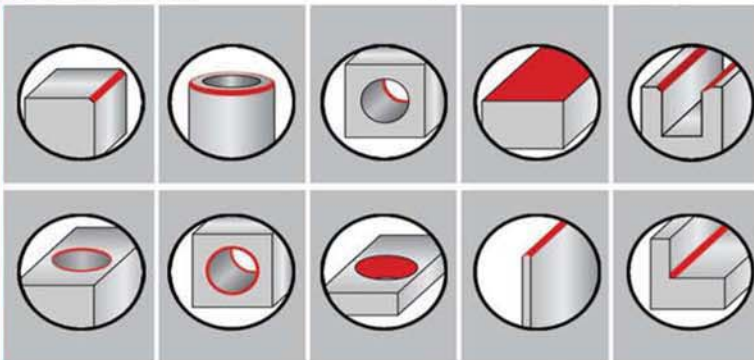


BURR FACT!



Tip no. 1

B10 and E100 blades – The Industry Standards for Deburring

You've probably heard "B10" and "E100" mentioned in every discussion about hand deburring and finishing. This edition of Shaviv Burr-fact Tips will teach you why the Shaviv B10 and E100 blades have been the industry standard for 40 years.

Question

Why are the B10 and E100 blades the #1 choice for most hand deburring jobs?

Developed nearly 40 years ago by Shaviv, the B10 and E100 blades have a unique geometry that allows you to easily remove sharp corners and smooth edges that have straight and curved edges, as well as almost any hole. A simple and quick movement of the tool provides a professional finish. Both blades are made of quality HSS (high speed steel) which makes them a great choice for finishing a wide range of different materials.



Question

When would I choose to use a B10 or E100 blade?

The B10 blade is smaller in size (and price), suitable for most standard duty jobs in metal and plastic, when the pressure that needs to be applied are relatively normal. The E100 blade is preferable where heavy-duty deburring by using greater force is required. While both blades have the same geometry and are made of the same material, choose the B10 blade when you have to get into small spaces; choose the E100 for deburring working larger workpieces.



Question

Which Shaviv handle and blade holder do I choose to use with a B10 or E100 blade?

Shaviv offers a wide range of blade holders and handles for fine- to heavy-duty work. Some accommodate the B-style blade; others E-style blades. (Except for blade holder M, which can accommodate both B and E-types) A very popular combination is a B10 blade in B-holder assembled into a Shaviv Classic or Mango II ergonomic handle. Alternatively, use an E100 blade with an E-holder and the same Classic or Mango II handle. Most handles accommodate both B- and E-blade holders. Consult the Shaviv catalog or your supplier for the blade / handle / holder combination that will work best for your application.



Set B with Classic Handle



Set E with Mango II Handle

Question

I work with my left hand and the regular blade is a bit difficult for me to use. Is there a B10 and E100 blades that will work best for me?

Of course! B10 and E100 are just one of a large family of blades. In fact, there is a B10 blades called "B10L" specially designed to be used by lefties like you. Also available in our "E" style as E100L



There are a number of other B10 and E100-style blades that can make your job easier, last longer, and save you money described in the following section.

Other B10 and E100-style blades for Burr-fact results!!!



	USE		WHY?
For hardened steels	B10C or E100C		Made from very hard tungsten carbide material, provide excellent tool life
For Left-handed persons	B10L or E100L		Made from the same HSS material, special designed for lefties to rotate in the opposite direction
For finishing carbide and glass	B10D or E100D		Coated with diamond!, the hardest materials are no challenge for Shaviv!
For high-wear materials	B10P or E100P		The HSS material is PVD-coated with TiN, increasing the life of the blade in tough material jobs. Even lefties can use B10PL.
For tough materials, like stainless steel	B10S or E100S		Cobalt – enriched blades, also called "Cobra" blades are the perfect answer to high-volume finishing of stainless steel components.