

## Burr Removing Products

All prices are in US dollars (USD).  
All prices are subject to change without notice.

Before sharpening, a blade's side burrs must be removed. The Ceramic Honing Rod is less aggressive than the Diamond Sharpening Tool. Both products remove burrs on the outside of the edge. The burrs in the root of the blade will be removed during the sharpening process or using the 100 micron Blade Root Honing Tool.

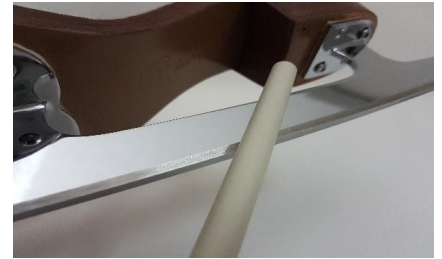
### Ceramic Honing Rod:

Product Information: The Ceramic Honing Rod is 3/8" (1 cm) in diameter and 8" (20 cm) long. The rod is approximately 280 grit, which is coarse enough to remove material and fine enough to only lightly sharpen the edge. Made in Canada



Price: \$14.99

PBHE's Recommendation on How to Use: Hold the rod on a slight angle against the outside edge of the blade. Lightly slide the Ceramic Honing Rod along the length of the blade from the base pick to the heel while slightly rotating the rod. The Ceramic Honing Rod should be used before the Diamond Sharpening Tool.



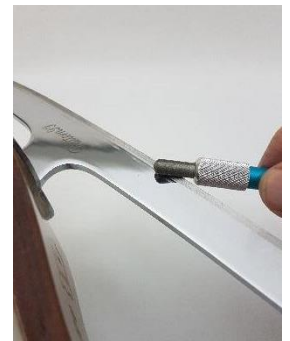
### Diamond Sharpening Tool:

Product Information: The Diamond Sharpening Tool is used to remove large burrs before sharpening.



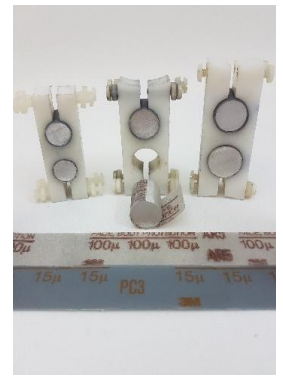
Price: \$19.99

PBHE's Recommendation on How to Use: To remove major burrs (that will not come out using the Ceramic Honing Rod) dress that specific area of the blade with the Diamond Sharpening Tool. **The diamond grit is very aggressive so be extremely careful not to remove too much blade material.** Use the curved side of the tool to remove pointy burrs and the flat side of the stick for burrs that run an extended length along the blade. The Diamond Sharpening Tool extends out ~2.75" (7 cm).



## Blade Root Honing Tool:

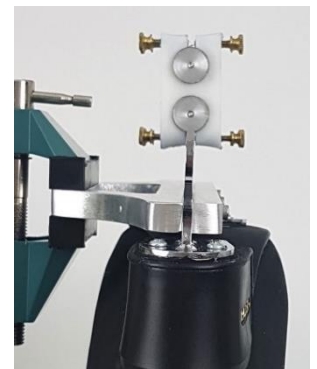
Product Information: The Blade Root Honing Tool is manufactured by PBHE and is used for finishing after grinding. We offer this device for 3 different root radiuses: 5/16", 6/16" and 7/16". PBHE has used one set of these tools for the last 15 years and it is still in great condition! Each device holds two aluminium mandrill machined to a specific radius and wrapped in adhesive film, one of which is 15 micron Silicon Carbide and the other which is 100 micron Aluminum Oxide. Each slot has adjusting screws to allow for various blade thicknesses, which help to align the honing device on standard and carrier blades. The 100 micron hone is very aggressive compared to the 15 micron hone. While our competitive skaters are outside the country they have used the 100 micron hone to remove major burs in the root. On special orders PBHE will produce the Blade Root Honing Tool with 11/32", 13/32", 15/32" and 1/2" radius. Made in Canada.



Individual Pricing:     \$ 59.95 Blade Root Honing Tool (includes 5 strips of each adhesive film)  
                                  \$ 11.95 Sharpening Oil 4.5 oz. (133 ml)  
                                  \$ 3.99 / 5 strips of 15 Micron Silicon Carbide (~35 pairs of skates)  
                                  \$ 4.99 / 5 strips of 100 Aluminium Oxide (~35 pairs of skates)

Package Pricing:     \$134.99 Three Blade Root Honing Tools (5/16", 6/16" and 7/16" root radiuses)

PBHE's Recommendation on How to Use: Place the correct end of the Blade Root Honing Tool on the blade for the desired result (sharpening or polishing) and lightly tighten the screws. It is important that the Blade Root Honing Tool stays in the centre of the blade and does not run off onto the side edges. For tapered blades like Gold Seal and Phantom the screw tension should be set for the thickness mid-way along the blade. The nylon holder will expand for the wider section but will be slightly loose on the back of the blade.



\*\* It is strongly recommended that the PBHE Blade Holding Vice (found in Blade Mounting Equipment section) be used when using the Blade Root Honing Tool. If the blade is not solidly held, the Blade Root Honing Tool may slip onto an edge.

Sharpening: For sharpening, it is beneficial to apply a light coat of sharpening oil on the blade before honing. Then use the 100 micron side and take two passes along the length of the blade. Then rotate the Blade Root Honing Tool 180 degrees and take two more passes.

The 100 micron hone can be used by skaters in between professional sharpening to remove burs and sharpen the edges. Then use the 15 micron to polish the root.

Polishing: For polishing, use the 15 micron side and take two passes along the length of the blade. Then rotate the Blade Root Honing Tool 180 degrees and take two more passes. The 15 micron hone is used after every sharpening to polish the blade.

This process gives a very smooth finish that will increase glide performance and is essential for our competitive clients. The whole operation only takes a few minutes.

NOTE: After sharpening or polishing 1 set of blades, mandrill should be rotated the thickness of the gap. Each adhesive covering will do approximately 7 pairs of blades. All tools come with 5 replacement strips (~35 pairs of skates) of both 15 and 100 micron adhesive film.