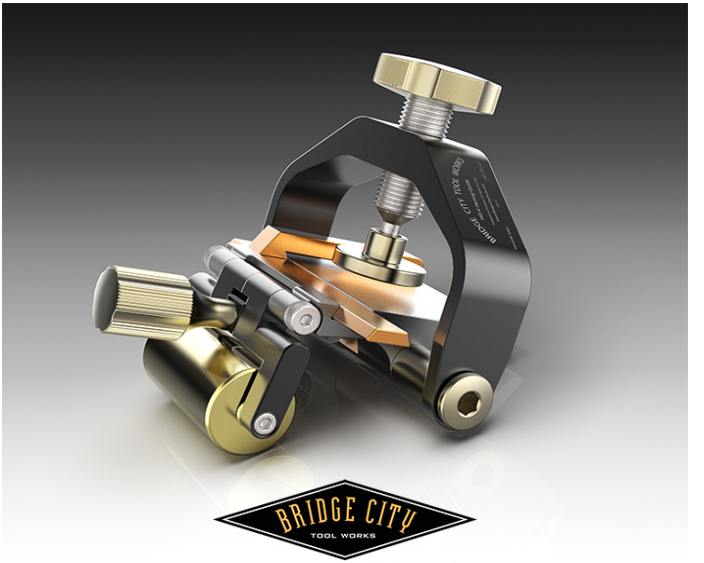
Bridge City
HG–4
Honing Guide



"Serving Woodworkers Worldwide Since 1983"

Quality is contagious

BRIDGE CITY TOOL WORKS

Congratulations on your purchase of the HG-4 Honing Guide.

This tool is precision-machined and will last for many years with light maintenance. The HG-4 can be used on any sharpening stone.

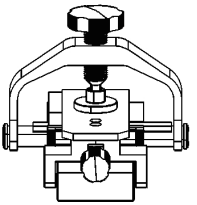
Set-up and Use

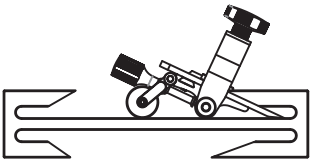
The HG-4 comes equipped with a finely adjustable knob to give you the most accurate edge possible. Before clamping the blade in place, ensure that the adjustment knob is centered within its threaded range. This will allow you to adjust in either direction once the blade is clamped in place.

Clamp the iron or chisel in the HG-4

Place the HG-4 on a flat smooth surface. Looking at the HG-4 from the side, clamp your iron or chisel so that the bevel is approximately flat on your work surface.

Use the built-in T-square if you need a reference for clamping the iron square to your stone. For wider irons, the T-square can be removed by sliding it all the way to the right side. There are nylon screws underneath the T-square that let you adjust the tension to your liking.



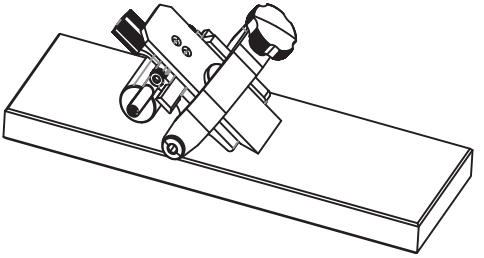


The Set-Up Gauge is a simple way to maintain a consistent angle on your iron or chisel. Clamping the Set-Up Gauge in a vise makes the process easier. Slide the HG-4 with the iron clamped in place into the Set-Up Gauge and verify the desired angle. Use the fine adjustment knob to set the correct angle.

Sharpening

Prepare your sharpening stone for use according to its specifications. Place the prepared HG-4 on the stone and, using light pressure, roll it back and forth. Verify the sharpening angle by looking at the edge and adjust with the knob if necessary. Proceed with sharpening to the finish you desire.

For a micro-bevel, simply turn the knob clockwise one full revolution for increasing the cutting angle.



Care and Maintenance

The HG-4 is primarily anodized aluminum, with a solid brass roller and stainless steel hardware. The aluminum will need only a light wiping with a soft cloth to keep it looking new. The brass roller will tarnish over time into a rich dark brown. A metal polish will keep it looking like new, depending on your preference. The threads could use an occasional lubrication with a light oil to keep the HG-4 working smoothly. Residue from the sharpening stones should be wiped off all parts to prevent excessive build-up.

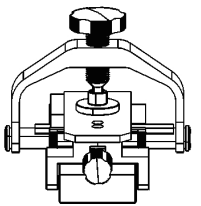
恭喜你购买了HG–4磨刀器。这个工具加工精密，仅需少量的保养就可以使用多年。HG–4磨刀器可以在任意磨刀石上使用。

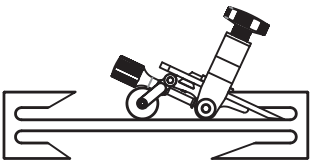
设置和使用

HG–4具有一个精确的可调节旋钮，让你可以获得最精确的角度。在安装刨刀并夹紧前，调节旋钮使螺纹处于可调节范围的中间状态，这样在刨刀安装完成后，可以确保角度可以高低调节。

在HG–4上安装刨刀或凿子

将HG–4放置在平整光滑的表面。安装刨刀或者凿子，从侧面观察HG–4，确保刨刀的斜面与工作面基本贴合，锁紧旋钮固定刨刀或凿子。
可以使用内置的T型靠山辅助夹持刨刀或凿子，确保刨刀或凿子的刃口与磨刀石表面垂直。对于较宽的刨刀，可以将T型靠山向右划出。T型靠山的滑槽里有两颗紧定螺钉，你可以通过调节这两个紧定螺钉获得理想的T型靠山滑动阻尼。

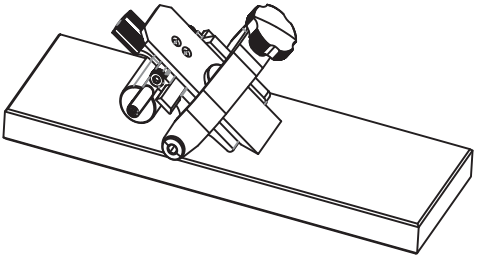




定角度规是一个非常简单的用于保证刨刀或凿子角度的工具。将定角度规夹持在台钳中可以让更方便的调节磨刀器的角度。将安装好刨刀或凿子的磨刀器滑入定角度规中验证角度是否正确，使用调节旋钮调节磨刀器至正确的角度。

磨刀

根据磨刀石的特性准备磨刀石。将HG–4放置在磨刀石表面，轻轻压住磨刀器，前后滚动。通过观察刨刀刃口确认角度是否正确，根据需要调节角度。持续前后滚动直到磨到你认可的状态。
顺时针旋转磨刀器微调旋钮可以提高磨削角度，用于微角磨削。



维护和保养

HG–4磨刀器主要使用阳极氧化铝合金主体，实心黄铜滚轴，不锈钢紧固件制作而成。使用软布擦拭铝制部件即可获得崭新的外表。在使用一段时间后，黄铜滚轴会出现氧化变黑的情况，使用金属抛光剂擦拭可以重新获得光亮的表面。使用轻质油脂润滑角度调节丝杆保证HG–4磨刀器可以顺滑的调节角度。使用完后须擦除残留在黄铜滚轴和磨刀石上的残留物质，防止出现杂质堆积。



Warranty

All returns, replacements, technical services, and support shall be handled by distributor' s customer service organization. If there is a defect on the workmanship of the tool (with no fault of the customer) within one year from the original date of purchase, please contact with the distributor' s customer service organization and they will determine whether to repair or replace the tool.

质保

所有退货、换货、技术服务和支持均由经销商的客户服务机构负责。

如果在原始购买日期后一年内发现工具存在工艺缺陷(客户无过),请与经销商客户服务机构取得联系,并由该服务机构决定是否对工具进行修理或更换。

Bridge City Tool Works
www.bridgecitytools.com