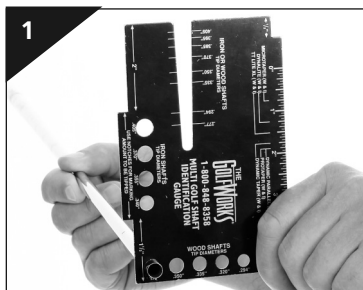


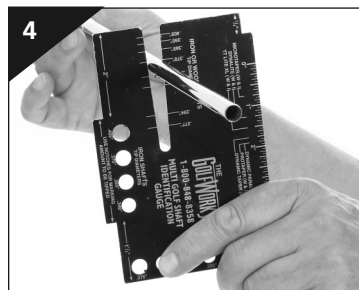
THE GOLFWORKS®

INSTRUCTIONS FOR: Multi Golf Shaft Identification Gauge Code: GSITG

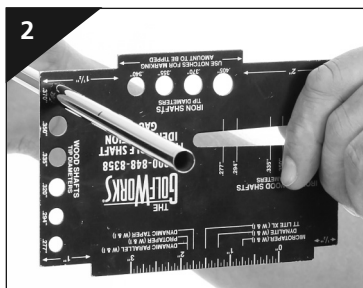
A real time saver in identifying raw shafts or those which are already installed. It is recommended that you obtain a Universal Grip Gauge (MAGG) or Digital Calipers (GDC) for quickly determining shaft butt sizes. (Tip: Four properly marked shaft butt extenders (S60) will work well for determining shaft butt sizes also.)



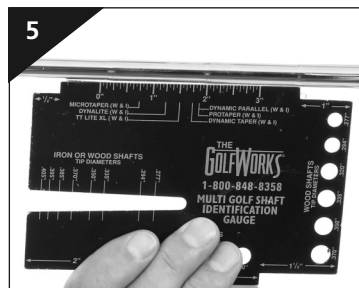
To identify the shaft tip diameter of a wood, hybrid, iron or putter shaft, insert the tip of the shaft into the correct hole and read the size.



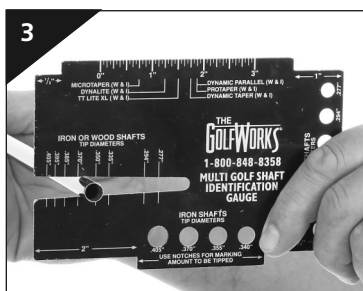
Once the correct tip size is identified you can use the slot to identify if the shaft is taper tip or parallel tip. The taper tip shaft will increase in diameter very quickly as you move up the shaft from the tip. A parallel shaft will stay the same diameter for a longer length up the shaft depending on how long the parallel tip section is on that particular shaft. On a parallel tip shaft you can also identify the parallel tip length which can be helpful in identifying how much may have been tip trimmed from a previously installed shaft to identify the shaft flex.



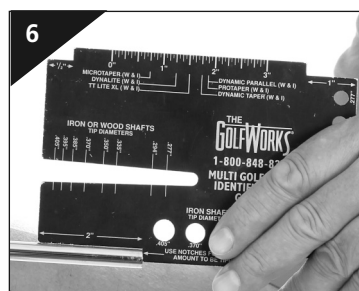
Once the correct tip size is identified you can slide the shaft through the hole to determine if the shaft is taper tip or parallel tip. A taper tip shaft will stop just above the tip when you try to slide it further through the hole. A parallel tip shaft will slide further up the tip of the shaft depending on how long the parallel tip section is on that particular shaft.



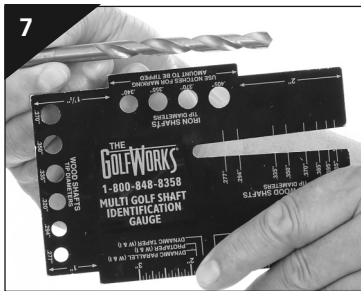
Measure the length of the steps using the ruler. The most common step measurements for stepped steel shafts are marked on the gauge. Refer to the Master Clubmaker's Catalog or www.golfworks.com to identify shaft bend points and tip stiffness.



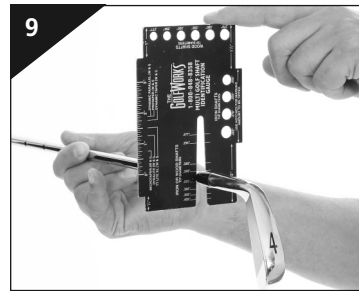
To identify the shaft tip diameter of a wood, hybrid, iron or putter, insert the tip into the tapered slot and slide the shaft towards the small end until it stops and read the size.



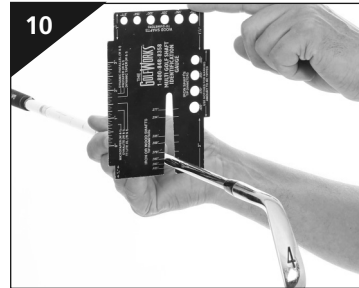
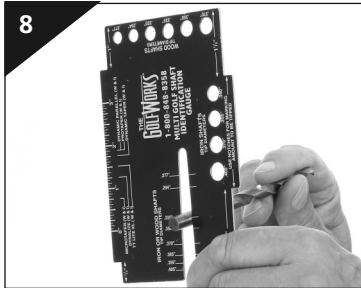
The four corners of the gauge have the most common shaft tipping lengths and provide handy notches for quickly and accurately marking the desired amount to be cut from the shaft tip (1/2", 1", 1 1/2" or 2").



Another use for the Multi Shaft Identification Gauge is a quick reference for drill bit sizes. Measure the length of a drill bit using the scales on the long sides of the gauge or slide the drill bit into the slot and move it towards the small end until it stops to determine the diameter of the drill bit.



On an assembled club, insert the shaft right above the ferrule into the slot and slide up towards the small end until it stops and read the size.



To check if a steel iron shaft is a taper tip move up the slot with the shaft and measure the size again. A taper tip such as a Dynamic Gold will be larger in size just below the first step than it was just above the top of the ferrule.

Additional Information & Tips:

The golf shaft manufacturers have a standard tolerance on their shaft tip diameters. This tolerance is $\pm .002$ " for steel shafts. Graphite shafts can be as much as .004" larger due to paint and polyurathane coating. The Multi Shaft Identification Gauge will instantly tell you if a shaft tip is slightly under or oversize.

Wood Tip Diameters:

- .277" - R flex taper tip steel wood shaft
- .294" - S flex taper tip steel wood shaft
- .320" - Parallel tip graphite & steel wood shaft (older Ping wooden woods)
- .335" - Parallel tip graphite & steel wood and hybrid shafts
- .350" - Parallel tip graphite & steel wood and hybrid shafts
- .370" - Parallel tip graphite wood shaft (older Cobra & Orlimar Tri-Metal)
- .395" - Parallel tip graphite & steel wood shaft (older TaylorMade)
- .405" - Parallel tip graphite & steel wood shaft (older TaylorMade)

Iron Tip Diameters:

- .340" - Taper tip steel iron shaft (old Wilson & Haig Ultra "Fluid" Feel irons and Thread in shafts from Spaulding & Powerbilt)
- .355" - Taper tip graphite & steel iron and hybrid shafts
- .370" - Parallel tip graphite & steel iron and hybrid shafts
- .380" - Parallel tip graphite & steel iron shaft (some older Cobra irons)
- .395" - Parallel tip graphite & steel iron and hybrid shafts (older TaylorMade)
- .405" - Parallel tip graphite & steel iron shaft (older TaylorMade)