

Additional Recommendations for Assembling your Clubs

Cutting shafts:

For steel shafts: If you don't own an electric saw, please use a special shaft cutter like the one we offer. Increase pressure slightly after each 4-5 rotations; do not increase too fast, otherwise the shaft could be damaged.

For graphite shafts: Use a manual cutting saw (not a shaft cutter). Wrap the section you are cutting with tape in order to avoid structural damage.

Shaft tip roughening:

Adhesives require a rough surface for proper adhesion. For steel shafts use a rasp or sandpaper to remove the outer chrome plating. For graphite shafts use fine sandpaper to remove only the final coating; too much roughening may damage the shaft structure and cause breakages. Always make sure you only sand the portion of the shaft that will go inside the hosel of the clubhead.

Using adhesives:

Do not apply too much adhesive. Remove any excess immediately with soft paper and isopropanol (isopropyl alcohol 94%).

Cleaning:

Make sure that there is no adhesive on the shaft or clubhead outside of the bonding zone and keep your fingers clean. Excess adhesive should be removed immediately; once the epoxy has cured you might not be able to remove it.

Curing:

Curing time for standard adhesives is 6 to 24 hours, depending on temperature. Fast adhesives cure within 3-4 hours (see details in our catalogue or website). After the adhesive has fully cured, grips can be installed.

Grip installation:

We strongly recommend using our "Organic Grip Solvent" (see details in our catalogue or website). Please allow one hour for grips to dry after installation.

Swingweight-Scale:

A swingweight scale is a great investment when making clubs. Fitting clubs by swingweight is an economical and reliable way to achieve a set of clubs with the desired consistency. The effects on playability are enormous! Cut the shafts to the approximate final length before bonding; we recommend cutting 1/2" less than the intended final length to get some scope for swingweight matching. Provisionally fix the grip to the butt with a rubber band and measure the club's swingweight. If making a complete set of clubs, first note the swingweight for each club and then match the whole set to a constant swingweight by using the following methods:

- shortening (-) or to lengthen (+) the club
- using tip weight (+) or butt weight (-)
- using a lighter (+) or heavier grip (-)

(-) produces a lower swingweight, (+) produces a higher swingweight):

After matching the clubs, you may start bonding. Please check the swingweight again after bonding before installing the grip.

Appearance:

If you are making a set of clubs, pay attention to the alignment of the graphics on the shaft and the marks on the grip for a consistent set with a perfect appearance.