ASSEMBLY
The 1” GolfWorks® Belt Sander requires minor assembly.
1. Remove Tracking Knob (#16) and take off the Side Cover (#8).
2. Remove the Bolt (#9) and Toothed Washer (#24) from the end of the Locking Stud (#25).
3. Place the Table (#29) on the Belt Sander Unit so that the Sanding Belt (#5) fits through the Slot in the Table and the Table as shown above.
4. Attach the Table to the Belt Sander Assembly by placing the Handle Assembly on the Table side and securing the entire assembly using the Bolt (#9).
5. Replace the Side Cover.
6. Loosen the Screw (#47) most of the way.
7. Place the Eye Shield (#46) on the Belt Sander Unit and secure it using the Screw (#47).

OPERATION
SANDING:
1. Plug Sander into wall socket (or extension cord) containing grounding prong.
2. Turn on power switch.
3. Begin Sanding.  Caution: Do not apply so much pressure on object being sanded to stop rotation of sanding belt. Before sanding metal, be sure to clean machine of all wood dust to prevent the chance of fire. Keep fingers clean of sanding belt.

ADJUSTING TABLE ANGLE:
1. Loosen the Table Adjustment Handle (#28) by turning it counterclockwise.
2. Tilt the Table (#29) to the desired angle: Use a protractor to ensure accuracy. Make sure that there is a gap of no more than 1/8” between the Table and the Sanding Belt (#5).
3. Tighten the Table Adjustment Handle (#28).

LEVELING THE TABLE:
1. Place the Table (#29) at 90 degrees.
2. Using a protractor, verify that the Table is true. If it is not, continue to Step 3.
3. If the Table is tilted toward the front of the machine, tighten the Set Screw (#30).
4. If the Table is tilted toward the back of the machine, loosen the Set Screw.

REMOVING AND INSTALLING SANDING BELT:
1. Remove the Tracking Knob (#16) from the Sander Unit and remove the Side Cover (#18) as shown.
2. Turn the Tension Handle (#37) counterclockwise to loosen the Sanding Belt (#5).
3. Remove the Sanding Belt.
4. Place the new Sanding Belt on the three pulleys in the Belt Sander Unit. Center the Sanding Belt on the pulleys.
5. Tighten the Sanding Belt by turning the Tension Handle clockwise until the Back Pulley (#14) appears centered.
6. Replace the Side Cover and the Knob.
ADJUSTING THE SANDING BELT TRACKING:
1. Turn the Belt Sander on.
2. Look at the Belt (#5) through the back of the Eye Shield (#46). If it is riding on the center of the upper Pulley (#14) the tracking is correct and no further adjustment is required.
3. If the belt rides to the left, turn the Tension Handle (#37) to the left until the Belt is centered.
4. If the Belt rides to the right, turn the Tension Handle gradually to the right until the Belt is centered.

ADJUSTMENT OF BELT SUPPORT:
The Belt Support (#20) is made of heavy gauge steel to support or back the Sanding Belt (#5) while sanding. When in place, it should be no more than 1/16” away from the back of the Sanding Belt. For some operations, such as polishing, it may be advisable to remove the Belt Support completely.

Caution: Do not sand pieces that are too small to be safely supported or held. Such pieces should be sanded by hand.
1. Remove the Table (#29) by removing the Bolt (#9) as shown below.
2. Loosen the two Bolts (#22) on the Belt Support (#20).
3. Adjust the Belt Support to no more than 1/16” away from the back of the Sanding Belt.
4. Tighten the two Bolts on the Belt Sander.

A Belt Sander is a great multi-purpose machine that will significantly quicken the speed of these common procedures.

REDUCING FERRULE DIAMETER:
Install a 1” x 30” Linen Ferrule Turning Belt (code: PF30B) as demonstrated on the previous page. Place the shaft in the optional Ferrule Turning Stand (code: EFTA) with the ferrule positioned in front of the belt.

Note that it is not necessary to support the shaft with the Ferrule Turning Stand as you can use your hand instead, but the job is much easier and better results are usually obtained by using the Stand. Turn on the power switch. The ferrule diameter is reduced from friction rather than cutting which is why the Linen Belt works so well. The key to a successful job is to keep the club head rotating which avoids “burning” the ferrule or creating a flat spot.

Rotate the club as shown in the 3-picture sequence (above). It is very important that the club is spun in the clockwise direction as to do otherwise will ruin the ferrule and create a very rough ferrule surface.

This photo shows a properly tapered ferrule with the base of the ferrule having the same diameter as the top of the hosel.

ABRADING SHAFT TIPS:
A Belt Sander is a fast alternative to hand sanding the tip of a steel shaft. Lightly spin the shaft against a coarse grit or medium grit belt. Spin the shaft long enough to create a uniform “satiny” appearance on the shaft. Be careful not to abrade the shaft above a point that will be covered by the club head hosel.

The Belt Sander also works great for removing the polyurethane finish from a graphite shaft tip but make sure that you use the Norax Belt (code: NORX42), which will remove the polyurethane finish without cutting into the graphite fibers. Never use a regular sanding belt on a graphite shaft.

MAINTENANCE
1. Keep Sander clean by blowing dust off with compressed air.
2. Cover Sander when not in use.
3. Periodically, apply a light oil to the table to prevent rusting.