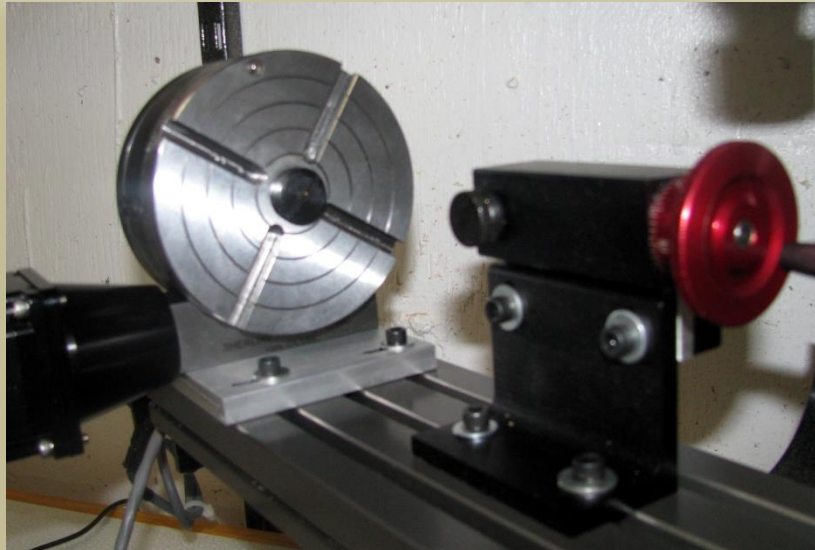

Soigeneris

Rotary Table Kit for Taig

Users Manual V1.1



A word about safety

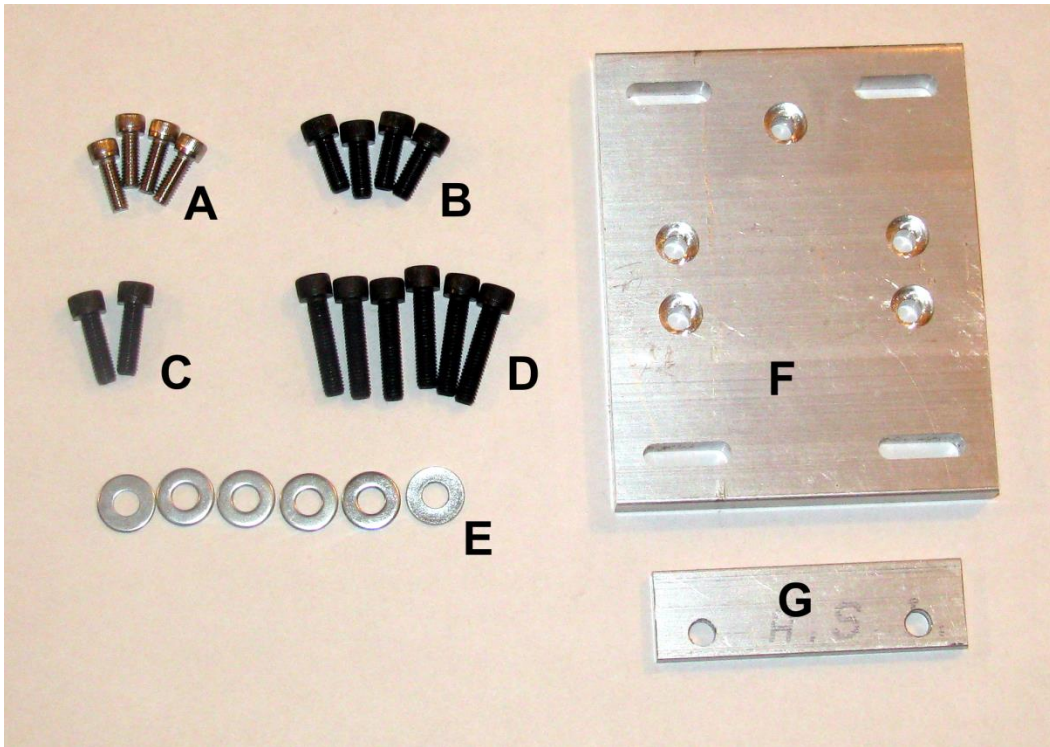
We at Soigeneris take pride in providing high quality components for small scale CNC systems. While we make every effort to provide in depth and accurate technical information we cannot make any guarantees about their applicability to your particular application. In reality the only person who can keep you safe is you. We strongly suggest that you avail yourself of all the information available for the components you're putting into your CNC system and understand how they will all interact.

Safety Tips

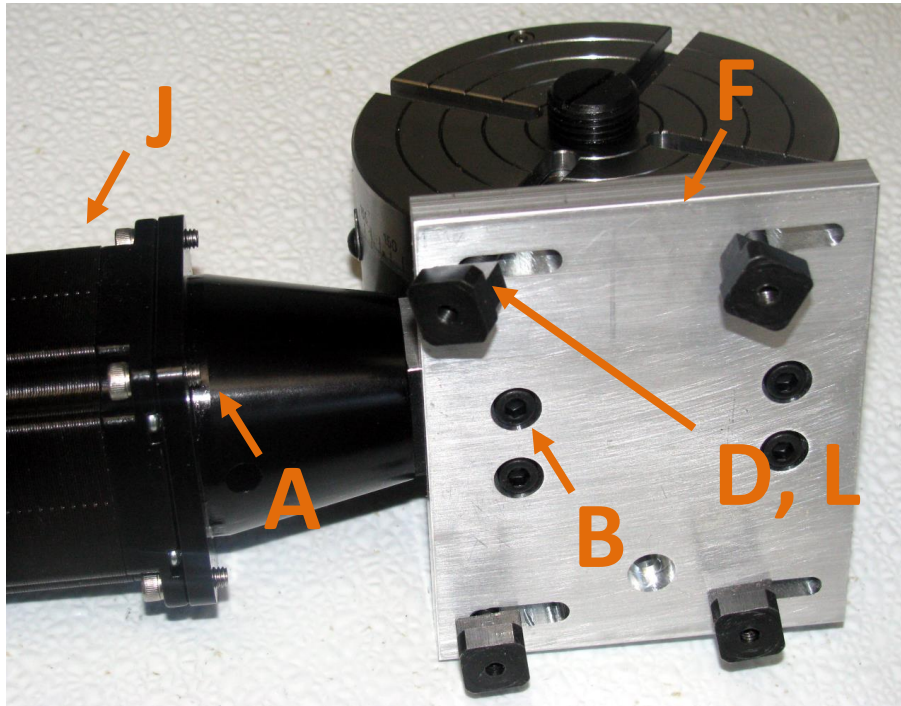
- Working with electricity can be dangerous business. Please read, understand and follow any directions given. If you have doubts get some help.
- Secure all stock to prevent it from becoming a projectile during machining. Nothing can ruin your day faster than having a piece of metal being hurled at you by your machine tool.

What's in the Kit

Item	Qty	Part Number	Description
A	4	SOI HRDW	8-32 x 1/2" stepper mount
B	4	SOI HRDW	10 -32 x 1/2" rotary table mount
C	2	SOI HRDW	10-32 x 5/8" tailstock mount screws
D	6	SOI HRDW	10-32 x 7/8" tailstock spacer, bolt down screws
E	6	SOI HRDW	#10 flat washer
F	1	SOI PLT1-1	Mounting plates and hardware
G	1	SOI PLT1-2	Tail stock spacer
H	1	Sherline 3700-CNC	4" CNC ready rotary table
I	1	Sherline 3702	Tail stock
J	1	SOI STP-MTR-23055	166 oz-in step motor
K	1	Cable	8' Stepper cable
L	1	A2Z TNT1	A2Z Tuff Nut (not included in kit)

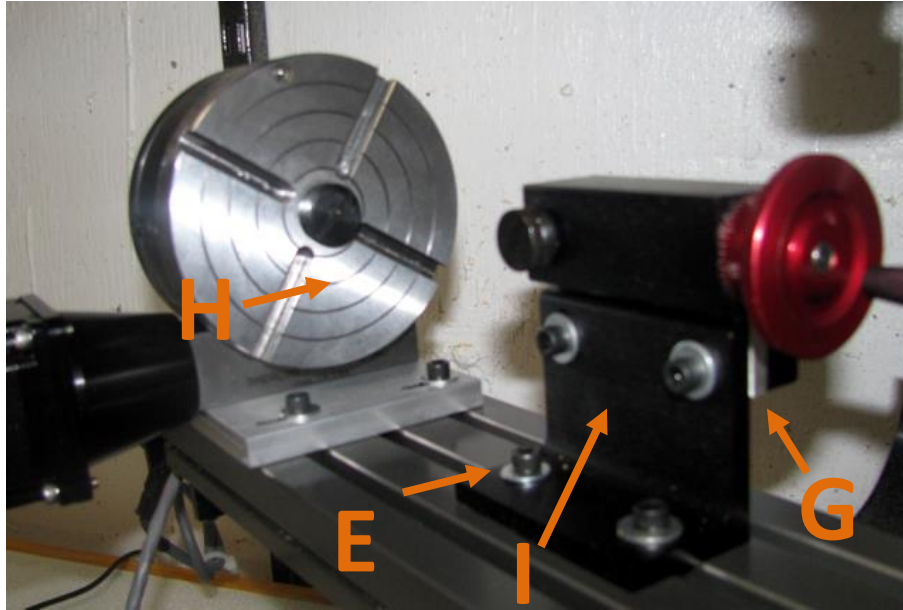


Assembly



Tips

The rotary table comes with Allen head set screws plugging the holes where the screws labeled 'B' go. Remove the set screws before installing the mounting plate 'F'. Access to the set screw to connect stepper motor to stepper motor shaft is through the small hole on the bottom of the stepper mount.



Tips

Spacer 'G' moves the centerline of the tailstock ram in the Y+ direction which allows it to better line up with the centerline of the rotary table. Adjustment in the vertical direction is made via the screws in the slotted mounting holes that hold the tailstock to the angle bracket.

You can download the manual for the rotary table itself here:
<https://www.soigeneris.com/Document/Sherline/3700inst.pdf>