

Scavenger Ankles Bill of Materials

Part Name: Ankles 1.0

Updated 2024-09-15

Aluminum Plates

- DXF Files
 - ScavAnkle-.125in-2407.dxf should be cut using 0.125" Aluminum 5052 Stock
 - ScavAnkle-.188in-2407.dxf should be cut using 0.188" Aluminum 5052 Stock
 - ScavAnkle-.250in-2407.dxf should be cut using 0.25" Aluminum 5052 Stock
- Ensure you have the newest DXF files: current version v2407
- DXF files are produced in inches

Hardware

Qty	Description	Part Used	Link
4	M6 x 18mm coupler	Bottom Holes (Stack)	M6 Coupler McMaster
8	M6 x 30mm flat head screw	Bottom Holes (Stack)	M6 x 30mm McMaster
4	M6 nut	Side Hole (Stack)	M6 nut McMaster
4	M6 x 18mm flat head screw	Side Hole (Stack)	M6 x 18mm McMaster
Attachment to Leg			
8	#10-24 1/2" length screw	Ankle Attachment	#10-24 1/2" McMaster
8	#10-24 coupling nut	Ankle Attachment	10-24 Coupling Nut McMaster
8	#10-24 1.25" length screw	High Strength, Ankle Attachment	10-24 1-1/4" Screw McMaster

CHANGE LOG

2024-09-15

No security nut build tested successfully. Removed from BOM.

2024-09-12

Added note about removal of security nut from build (test pending). Adjusted quantities of all hardware to match build video.

2024-08-15

File creation