

# 1<sup>st</sup> Year Millwright Apprentice

## Tool List

### Required Tools

- Wrenches, Combination-3/8" thru 1¼" by 1/16's
- 12" Crescent Wrench
- Tape Measure (10' or 12')
- 1/2" Drive Socket & Ratchet Set 3/8" thru 1¼"
- 3/8" Drive Socket & Ratchet set 3/8" thru 7/8"
- Screwdrivers- Phillips and Flathead
- Tongue and Groove (Channel Lock) Pliers
- Ball Peen Hammer
- Cold Chisel
- Pry Bar
- Chalk Line
- Center Punch
- Feeler Gauges
- Torpedo Level
- Tool Box

**All Tools Should Be American Made**

# 2<sup>nd</sup> Year Millwright Apprentice

## Tool List

### Required tools:

(All tools are English standard unless otherwise specified)

### Hand Tools

- Pry Bar 16" minimum length
- Chalk line (retractable 100') in Chalk box
- Cold Chisel (One large, one small)
- Hack Saw
- Ball Peen Hammer
- Center Punch (3/8" or 1/2")
- Pliers: Vice grip locking pliers 6" and/or 10", Needle Nose 4½" or 7", Tongue and Groove (channel lock) 9½" or 10"
- Screwdrivers: 2 of each, flathead ¼" & 3/8" shank tip width, 1 #2 crosshead/Phillips tip
- Driver Ratchets: 3/8" and 1/2"
- 3/8" Drive Socket Set Standard length 5/16" - 7/8" sockets by 16<sup>th</sup>'s
- 1/2" Drive Socket Set Standard Length 3/8"-1 ¼" sockets by 16<sup>th</sup>'s
- Measuring Tape (steel recoiling 16' or 20')
- Adjustable Wrench (crescent 12")
- Hex Key Adjustable (Allen 2 sets) (.050-3/8" English standard and 1.5-10mm metric)
- Combination Wrenches (one end boxed, one end open 3/8"-1¼" by 16<sup>th</sup>'s)

### Precision/Semi Precision Tools

- Gauges Thickness (feeler), Straight leaves, standard length
- Torpedo Level
- Scribe (steel, carbide, etc)
- 0-1 Micrometer

**All Tools Should Be American Made**

# 3<sup>rd</sup> Year Millwright Apprentice

## Tool List

### Required tools:

(All tools are English standard unless otherwise specified)

### Hand Tools

- Pry Bar 16" minimum length
- Chalk line (retractable 100') in Chalk box
- Cold Chisel (One large, one small)
- Hack Saw
- Ball Peen Hammer
- Center Punch (3/8" or 1/2")
- Pliers: Vice grip locking pliers 6" and/or 10", Needle Nose 4½" or 7", Tongue and Groove (channel lock) 9½" or 10"
- Screwdrivers: 2 of each, flathead ¼" & 3/8" shank tip width, 1 #2 crosshead/Phillips tip
- Driver Ratchets: 3/8" and 1/2"
- 3/8" Drive Socket Set Standard length 5/16" - 7/8" sockets by 16<sup>th</sup>'s
- 1/2" Drive Socket Set Standard Length 3/8"-1 ¼" sockets by 16<sup>th</sup>'s
- Measuring Tape (steel recoiling 16' or 20')
- Adjustable Wrench (crescent 12")
- Hex Key Adjustable (Allen 2 sets) (.050-3/8" English standard and 1.5-10mm metric)
- Combination Wrenches (one end boxed, one end open 3/8"-1¼" by 16<sup>th</sup>'s)

### Precision/Semi Precision Tools

- Gauges Thickness (feeler), Straight leaves, standard length
- Torpedo Level
- Scribe (steel, carbide, etc)
- Combination Square Set with 12" grooved, ruled blade
- Bevel Protractor (square head and center head)

**All Tools Should Be American Made**

# Journeyman Millwright

## Tool List

### Required tools:

(All tools are English standard unless otherwise specified)

### Hand Tools

- Pry Bar 16" minimum length
- Chalk line (retractable 100') in Chalk box
- Cold Chisel (One large, one small)
- Hack Saw
- Ball Peen Hammer
- Center Punch (3/8" or 1/2")
- Pliers: Vice grip locking pliers 6" and/or 10", Needle Nose 4½" or 7", Tongue and Groove (channel lock) 9½" or 10"
- Screwdrivers: 2 of each, flathead ¼" & 3/8" shank tip width, 1 #2 crosshead/Phillips tip
- Driver Ratchets: 3/8" and 1/2"
- 3/8" Drive Socket Set Standard length 5/16" - 7/8" sockets by 16<sup>th</sup>'s
- 1/2" Drive Socket Set Standard Length 3/8"-1 ¼" sockets by 16<sup>th</sup>'s
- Measuring Tape (steel recoiling 16' or 20')
- Adjustable Wrench (crescent 12")
- Hex Key Adjustable (Allen 2 sets) (.050-3/8" English standard and 1.5-10mm metric)
- Combination Wrenches (one end boxed, one end open 3/8"-1¼" by 16<sup>th</sup>'s)

### Precision/Semi Precision Tools

- Gauges Thickness (feeler), Straight leaves, standard length
- Torpedo Level
- Scribe (steel, carbide, etc)
- 0-1 Micrometer
- Combination Square Set with 12" grooved, ruled blade
- Bevel Protractor (square head and center head)
- Wedges

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