



## Tool & Die (Job Number )

**Employer:** KI  
 1400 S 41STST  
 MANITOWOC, WI 54220  
 www.ki.com

**Work Site:** Manitowoc County  
 1400 S 41STST  
 MANITOWOC, WI 54220

**On Bus Route?** No

**Pay:** \$19.00 Per Hour to \$25.00 Per Hour

**Duration/Usual Hours Per Week:** Full-Time

**Shift/Work Days:** Second Shift.  
 Monday-Friday.

**Number of Openings:** 1

### Minimum Requirements of Employer:

**Education:** No Minimum Education Level Requested

**Professional Licenses / Certifications:** No Licenses or Certifications Requested

**Vehicle:** No Vehicle Requested

**Drivers License:**

**Type:** No Drivers License Requested

**Endorsements:** No Endorsement Requested

**Age:** No Age Requested

**Experience / Qualifications:** Journeyman card with 5 or more years of experience.  
 Ability to design, draw, and machine parts and components to build manufacturing tooling, dies, and fixtures.  
 Great attitude and desire to work in a fast

paced, demanding Lean Manufacturing environment.  
Ability to work closely and communicate effectively with others.

Pre-employment drug screening required.

### **Duties and Responsibilities of the Job:**

Analyze specifications, lay out metal stock, set up and operate machine tools, and fit and assemble parts to make and repair dies, cutting tools, jigs, fixtures, gauges, and machinists' hand tools.

Operate milling, turning, drilling, precision grinding, boring, cutoff and band saw machines.

Troubleshoot problems with dies and fixtures.

Identify problems and solve production requirements.

Perform scheduled preventative and predictive maintenance.

Communicate with individuals and groups.

Take appropriate safety and environmental measures.

Communicate with vendors.

Tools of trade required.

Overtime & weekend work as needed.

- Conduct test runs with completed tools or dies to ensure that parts meet specifications, making adjustments as necessary.
- Cut, shape, and trim blanks or blocks to specified lengths or shapes, using power saws, power shears, rules, and hand tools.
- Design jigs, fixtures, and templates for use as work aids in the fabrication of parts or products.
- Develop and design new tools and dies, using computer-aided design software.
- File, grind, shim, and adjust different parts to properly fit them together.
- Fit and assemble parts to make, repair, or modify dies, jigs, gauges, and tools, using machine tools and hand tools.
- Inspect finished dies for smoothness, contour conformity, and defects.
- Lift, position, and secure machined parts on surface plates or worktables, using hoists, vises, v-blocks, or angle plates.
- Measure, mark, and scribe metal or plastic stock to lay out machining, using instruments such as protractors, micrometers, scribes, and rulers.
- Select metals to be used from a range of metals and alloys, based on properties such as hardness and heat tolerance.
- Set up and operate conventional or computer numerically controlled machine tools such as lathes, milling machines, and grinders to cut, bore, grind, or otherwise shape parts to prescribed dimensions and finishes.
- Set up and operate drill presses to drill and tap holes in parts for assembly.
- Smooth and polish flat and contoured surfaces of parts or tools, using scrapers, abrasive stones, files, emery cloths, or power grinders.
- Study blueprints, sketches, models, or specifications to plan sequences of operations for fabricating tools, dies, or assemblies.
- Verify dimensions, alignments, and clearances of finished parts for conformance to

specifications, using measuring instruments such as calipers, gauge blocks, micrometers, and dial indicators.

- Visualize and compute dimensions, sizes, shapes, and tolerances of assemblies, based on specifications.

### Benefits:

Insurance:	Health Insurance, Dental Insurance, Life Insurance, Disability Insurance, Vision Insurance, Domestic Partner Coverage
Leave and Holidays:	Sick Leave, Vacation, Paid Holidays
Retirement & Financial:	401K Plan, Profit Sharing, Flexible Spending Accounts (Dependent & Medical)
Education and Training:	Tuition Reimbursement

### Company Profile:

Manufacturer of contract, institutional and commercial furniture. Founded in 1941, KI manufactures a comprehensive and diverse line of office, commercial, institutional, and educational furniture. Market products through sales representatives and furniture dealers, architects, interior designers, and end-users throughout the world. Product offerings include ergonomic seating, flexible furniture systems, wall systems, adjustable work surfaces, folding and stack chairs, auditorium and lecture hall seating, folding and fixed leg tables, filing and storage cabinets, and site furnishings. With over 4,000 employees worldwide, KI's Corporate Headquarters is located in Green Bay, Wisconsin. Manufacturing facilities include: Green Bay, Bonduel, Manitowoc, and Fort Atkinson, Wisconsin; Tupelo, Winona, and Pontotoc, Mississippi; Madisonville, Kentucky; High Point, North Carolina; Los Angeles, California; Pembroke, Ontario Canada; Lauenau, Germany; and Treviso, Italy. KI is an Equal Opportunity Employer. All qualified candidates, including minorities, women, veterans and individuals with disabilities are encouraged to apply.

### How To Apply:

**Apply Online** [www.ki.com/careers](http://www.ki.com/careers)

Qualified females, members of ethnic and racial minority groups, persons with disabilities and veterans are encouraged to apply.