

# Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic

## 51-4035.00



**Description:** Set up, operate, or tend milling or planing machines to mill, plane, shape, groove, or profile metal or plastic work pieces.

### Other Resources:

[ONET Link](#)

[MyNextMove Link](#)

**Sample of Reported Job Titles:** Machine Operator, Mill Operator, Miller

### Job Zone

**Title:** 2 - Some Preparation Needed

**Education:** Usually require a high school diploma.

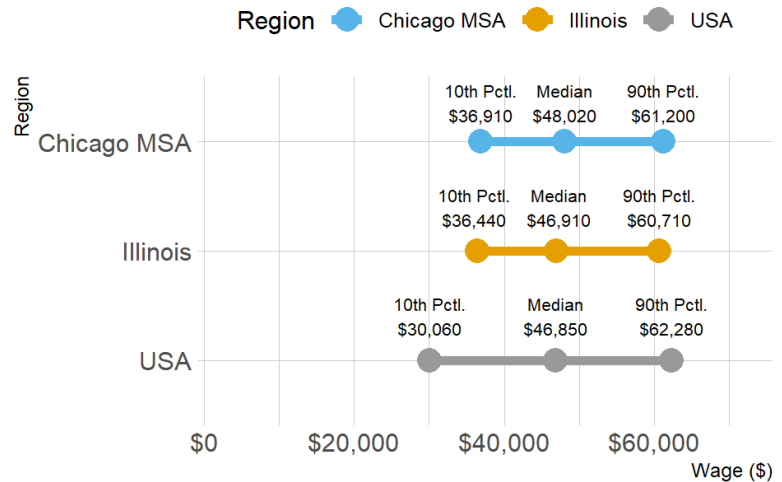
**Experience:** Some previous work-related skill, knowledge, or experience is needed.

**Training:** A few months to one year of working with experienced employees needed. A recognized apprenticeship program may be associated with these occupations.

**Core Certifications:** Machining Level I - CNC Milling: Programming Setup & Operations, Machining Level I - Milling, Machining Level I - Measurement

**Hot Technologies:** Autodesk AutoCAD, Extensible markup language XML, Microsoft Office Suite, Siemens Solid Edge, SmartCAMcnc SmartCAM, Vero Software ALPHACAM

Region	Employment	Location Quotient	Median Wage
Chicago MSA	540	1.21	\$48,020
Illinois	920	1.54	\$46,910
USA	14,920	—	\$46,850



### Top 5 Core Tasks According to Current Job Holders

**Importance**  
**Frequency (out of 100)**

Remove workpieces from machines, and check to ensure that they conform to specifications, using measuring instruments such as microscopes, gauges, calipers, and micrometers.

Hourly or more

90

Position and secure workpieces on machines, using holding devices, measuring instruments, hand tools, and hoists.

Hourly or more

90

Verify alignment of workpieces on machines, using measuring instruments such as rules, gauges, or calipers.

Hourly or more

88

Observe milling or planing machine operation, and adjust controls to ensure conformance with specified tolerances.

Hourly or more

87

Move cutters or material manually or by turning handwheels, or engage automatic feeding mechanisms to mill workpieces to specifications.

Hourly or more

87