

TERM	DEFINITION
ALLOY	TWO OR METALS IN COMBINATION.
ANGLE IRON	SHAPE WHOSE SECTION IS A RIGHT ANGLE.
ANNEAL	TO HEAT OR COOL GRADUALLY.
BABBIT METAL	SOFT ALLOY FOR BEARINGS.
BEARING	SUPPORTING MEMBER FOR A ROTATING SHAFT.
BEVEL	AN INCLINED EDGE.
BOLT CIRCLE	CIRCULAR CENTER LINE ON A DRAWING CONTAINING CENTER OF HOLES.
BORE	TO ENLARGE A HOLE WITH A BORING MILL.
BOSS	A CYLINDRICAL PROJECTION ON A CASTING OR A FORGING.
BRASS	ALLOY OF COPPER AND ZINC.
BRAZE	JOIN WITH HARD SOLDER OF BRASS OR ZINC.
BROACH	LONG CUTTING TOOL WITH SERIES OF TEETH
BRONZE	ALLOY OF EIGHT OR NINE PARTS OF COPPER AND ONE PART TIN.
BUSHING	A REPLACEABLE LINING OR SLEEVE FOR A BEARING.
CALIPERS	INSTRUMENT FOR MEASURING DIAMETERS.
CAM	ROTATING MEMBER FOR CHANGING CIRCULAR TO RECIPROCATING MOTION.
CARBURIZE	TO HEAT A LOW-CARBON STEEL TO APX. 2000 F.
CASEHARDEN	HARDEN OUTER SURFACE OF CARBURIZED STEEL BY HEATING AND QUENCHING.
CAST IRON	IRON MELTED AND Poured INTO MOLDS.
CASTING	OBJECT PRODUCED BY POURING MOLTEN METAL INTO MOLDS.
C'BORE	COUNTER BORE
CENTER DRILL	DRILL TO PRODUCE BEARING HOLES TO BE MOUNTED BETWEEN CENTERS.
CHAMFER	A NARROW INCLINED SURFACE ALONG INTERSECTION TO TWO SURFACES.
CHUCK	MECHANISM FOR HOLDING A ROTATING TOOL OR WORKPIECE.
COIN	FORM A PART IN ONE STAMPING OPERATION.
COLD ROLLED STEEL	OPEN HEARTH OR BESSEMER STEEL.
COMPRESSION SPRING	STORES ENERGY IN COMPRESSION MOTION
COTTER PIN	SPLIT PIN USED AS A FASTENER.

COUNTER BORE	ENLARGE AN END OF A HOLE CYLINDRICALLY.
COUNTER SINK	ENLARGE AN END OF A HOLE CONICALLY.
CRS	COLD ROLL STEEL
CSK	COUNTER SINK
DEG	DEGREE
DIA.	DIAMETER
DIE	HARDENED METAL PIECE SHAPED TO CUT OR FORMED A REQUIRED SHAPE.
DOWEL	CYLINDRICAL PIN USED TO PREVENT SLIDING BETWEEN TO FLAT SURFACES
DRILL	CUT A CYLINDRICAL HOLE WITH A DRILL
EXTENSION SPRING	STORES ENERGY IN EXTENDING MOTION
FILLET	INTERIOR ROUNDED INTERSECTION BETWEEN TWO SURFACES
FLANGE	A RELATIVELY THIN RIM AROUND A PIECE
FORGE	FORCE METAL TO TAKE A SHAPE WHILE HOT.
GALVANIZE	TO COVER A SURFACE WITH A THIN LAYER OF MOLTEN ALLOY
GATE	OPENING IN A SAND MOLD WHICH MOLTEN METAL PASSES THROUGH
GRIND	REMOVE METAL BY AN ABRASIVE WHEEL
HARDEN	HEAT METAL ABOVE A CRITICAL TEMPERATURE AND QUENCH WITH WATER OR OIL
HRS	HOURS OR HOT ROLL STEEL
HUB	CYLINDER PROJECTION FROM A FLANGE USUALLY HAVING A HOLE
KEY	SMALL PIECE OF METAL SUNK PARTLY INTO BOTH SHAFT AND HUB TO PREVENT ROTATION
KEY SEAT	SLOT OR RECESS IN A SHAFT TO HOLD A HEY
KEY WAY	SLOT IN HUB TO RECEIVE A KEY
KNURL	IMPRESS A PATTERN OF DENTS IN A TURNED SURFACE
L/O	LAY OUT LINE
MAO	MACHINE ALL OVER
MILL	REMOVE MATERIAL BY A ROTATING CUTTER
NECK	CUT A GROOVE AROUND A CYLINDRICAL PIECE
PAD	SLIGHT PROJECTION TO PROVIDE BEARING SURFACE AROUND ONE OR MORE HOLES
PATTERN	MODEL USED IN FORMING A MOLD FOR A CASTING

PEEN	HAMMER INTO A SHAPE WITH A BALLPEEN HAMMER
PLATE	COAT METAL WITH ANOTHER METAL
PUNCH	CUT AN OPENING OF A DESIRED SHAPE WITH A RIGID TOOL OF SAME SHAPE
R	RADIUS
REAM	EXACT DIAMETER NEEDED
REAM	TO ENLARGE A FINISHED HOLE SLIGHTLY TO GET BETTER ACCURACY
REF.	"REFERENCE" IN MECHANICAL DRAWING
REF.	"REFRIGERATOR" ON ARCHITECTURAL DRAWING
RELIEF	OFFSET OF SURFACES TO PROVIDE CLEARANCE FOR MACHINING
RIB	THIN FLAT MEMBER ACTING AS A BRACE OR SUPPORT
RIVET	CONNECT BY CLENCHING OVER THE END OF A PIN BY HAMMERING
ROUND	EXTERIOR ROUNDED INTERSECTION OF TWO SURFACES
SAE 1018	SOCIETY OF AUTOMOTIVE ENGINEERS NUMBER 1018 STEEL
SAE 1020	SOCIETY OF AUTOMOTIVE ENGINEERS NUMBER 1020 STEEL
SOLDER	TO JOIN WITH SOLDER
SPLINE	KEYWAY, USUALLY ONE OF A SERIES CUT AROUND A SHAFT OR HOLE
SPOTFACE	PRODUCE A ROUND SPOT OR BEARING SURFACE AROUND A HOLE
SPRUE	A HOLE IN THE SAND LEADING TO THE GATE
SQ. FT.	SQUARE FEET
SWEAT	FASTEN METAL TOGETHER BY THE USE OF SOLDER BY APPLYING PRESSURE AND HEAT
TAP	CUT RELATIVELY SMALL INTERNAL THREADS WITH A TAP
THREADED HOLE	HOLE WITH SPIRAL PATTERN FOR BOLTS
TORSION SPRING	STORES ENERGY IN TWISTING OR ROTATING MOTION
TURN	PRODUCE A CYLINDRICAL SURFACE PARALLEL TO THE CENTER LINE
TWIST DRILL	DRILL FOR USE IN A DRILL PRESS
TYP.	TYPICAL
UPSET	FOR A HEAD OR ENLARGED END ON A BAR OR ROD BY PRESSURE
WEB	THIN FLAT PART JOINING LARGER PARTS