

Tool Purchasing guide

<u>Tool</u>	<u>Specs</u>	<u>Price</u>	<u>Need by:</u>	<u>Link to suggested example</u>
Textbook:Machining Fundamentals by John Walker		~\$25	1st Day	https://www.amazon.com/gp/offer-listing/1590702492/ref=pd_lpo_sbs_dp_ss_1?pf_rd_p=1944687642&pf_rd_s=lpo-top-stripe-1&pf_rd_t=201&pf_rd_i=1619602091&pf_rd_m=ATVPDKIKXODER&pf_rd_r=EJ4ETN6RSMG1RW1JTTGE
Safety glasses		\$5	1st Day	http://www.msdirect.com/product/details/07417942
Parrot Multi vice		\$47.50	1st Day	http://www.grizzly.com/products/Parrot-Vise-/D3125?utm_campaign=zPage
Layout fluid(Dykem)		\$9.88	1st Day	http://www.msdirect.com/product/details/00264036
Steel or carbide scribe		\$6.00	1st Day	http://www.msdirect.com/product/details/06498802
Steel machinist's Protractor		\$14.03	1st day	http://www.msdirect.com/product/details/06475172
4x 3/8" HSS Tool bits		\$6.83x4	1st Day	https://www.msdirect.com/product/details/02603249
60 Deg Center Gauge		\$4.94	1st Day	http://www.msdirect.com/product/details/81885840
#3 Center Drill		\$4.75	1st day	http://www.msdirect.com/product/details/74148305
6" dial Caliper		\$37.34	1st day	http://www.msdirect.com/product/details/32755753
Steel Rule		\$9.47	1st Day	https://www.msdirect.com/product/details/59624643
chip brush		\$2.40	1st Day	http://www.msdirect.com/product/details/55112528
Shop rags				
8-10" Mill Files (1 each)				http://www.brownells.com/gunsmith-tools-supplies/general-gunsmith-tools/files/mill-files-prod5183.aspx
	Bastard file	\$6.06	1st Day	
	Second Cut	\$8.36	1st Day	
	Smooth cut	\$8.03	1st Day	
File handles		\$4.31 x3	1st Day	http://www.brownells.com/gunsmith-tools-supplies/general-gunsmith-tools/tool-handles/rubber-file-handle-prod23158.aspx
Hacksaw		\$19.90	1st Day	http://www.msdirect.com/product/details/09197260
4 OZ. Ball Peen Hammer		\$21.99	1st Day	http://www.midwayusa.com/product/365723/grace-usa-ball-pein-hammer
Assorted flat blade screwdrivers(Fixed type, not magnetic tip)		\$37.67	1st Day	http://www.brownells.com/gunsmith-tools-supplies/general-gunsmith-tools/screwdrivers-sets/fixed-blade-sets/screwdriver-set-prod6739.aspx
10" Adjustable Wrench		\$15	1st Day	http://www.msdirect.com/product/details/79322038
Allen Wrenches, Standard and Metric		\$36.68	1st Day	http://www.msdirect.com/product/details/36742567
tapered feeler gauges	Imperial			
tool box for your belongings-Bench Top, not roll away type			1st Day	
2 Padlocks			1st Day	
3 corner file(Three square file)		\$14.08	1st Day	https://www.msdirect.com/product/details/60105327
3/16" Chainsaw File		\$3.88	1st Day	http://www.msdirect.com/product/details/77485365
Needle file Set		\$58.71	1st Day	http://www.brownells.com/gunsmith-tools-supplies/general-gunsmith-tools/files/needle-file-set-w-handles-prod85762.aspx
File Card		\$17.57	1st Day	http://www.msdirect.com/product/details/00650671

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Stones: (1/2"x1/2"x6")				
	Medium	\$10.34	On or before GSS 70.01	http://www.brownells.com/gunsmith-tools-supplies/metal-prep-coloring/stones/6-x-1-2-x-1-2-india-stone-prod9622.aspx
	Fine	\$9.60	On or before GSS 70.01	http://www.brownells.com/gunsmith-tools-supplies/metal-prep-coloring/stones/6-x-1-2-x-1-2-india-stone-prod9622.aspx
	Extra Fine	\$23.88	On or before GSS 70.01	http://www.brownells.com/gunsmith-tools-supplies/metal-prep-coloring/stones/6-x-1-2-x-1-2-ceramic-stones-prod799.aspx
Dial Indicator, 0-1" w/ Magnetic Base		\$168	1st Day	https://www.msdirect.com/product/details/44528008
Gun Cleaning supplies (Rods, Brushes, Jags, Patches, Solvent)			1st Day	
Pin Punch Set		\$37.31	1st Day	http://www.msdirect.com/product/details/91342824
Extra 1/16" punches		\$5.18	1st Day	http://www.msdirect.com/product/details/91342923
Depth Micrometer, 0-1"		\$124.48	optional	https://www.msdirect.com/product/details/86417136
Needle Nose Pliers			1st Day	
Sand Paper(min 5 sheets each):			1st Day	
	150 grit		1st Day	
	220 grit		1st Day	
	320 grit		1st Day	
	400 grit		1st Day	
Steel wool, '0000'			1st day	
Alluminum Oxide General Purpose Shop Rolls 1" wide				
	220 grit	\$25.15	1st day	http://www.msdirect.com/product/details/01135961
	320 grit	\$25.15	1st day	http://www.msdirect.com/product/details/01135946
Acetone		\$13.97	On or before GSS 59.09	http://www.homedepot.com/p/Klean-Strip-1-gal-Acetone-GAC18/100141096
Simple Green w/ Spray bottle		\$4.97	1st Day	http://www.homedepot.com/p/Simple-Green-32-oz-Concentrated-All-Purpose-Cleaner-2710001213033/100398965
Breakfree Gun Oil(pump or aerosol)			1st day	http://www.brownells.com/gun-cleaning-chemicals/oils-lubricants/lubricant-protectant-oils/break-free-clp-prod1683.aspx
Toothpicks			1st day	
Q-tips			1st day	
Thread Locker (Medium and High Strength)				
	Medium Strength	\$20.23	On or before GSS 50.03	http://www.msdirect.com/product/details/88545009
	Hi Strength	\$20.23	On or before GSS 50.03	http://www.msdirect.com/product/details/88544911
Dust Masks or Respirator		\$42.28	1st Day	http://www.msdirect.com/product/details/04489894
Dremel or Foredom Tool with Accessories		\$259.65	1st Day	https://www.amazon.com/Foredom-K-2272-motor-General-Applications/dp/B000R8DMN2/ref=sr_1_1?ie=UTF8&qid=1472503092&sr=8-1&keywords=foredom+tool
Masking tape			1st Day	
Welding Helmet w/ #10 lens-TIG		\$112.50	1st Day	https://www.amazon.com/Jackson-Safety-46131-Variable-Darkening/dp/B01HTMLSLQ/ref=sxin_3_ac_d_pm?ac_md=2-1-QmV0d2VlbiAkMTAwlGFuZCAkMjAw-
#5 Welding Goggles		\$14.15	On or before GSS 54.05	http://www.msdirect.com/product/details/06386387
Thin Welding Gloves-TIG		\$10.50	1st Day	http://www.airgas.com/product/Safety-Products/Gloves/Welders-Gloves/p/TIL1338L
Stainless Steel wire Brush, small			1st Day	

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1/16" 2% Thoriated Tungsten Welding electrodes (Red)		\$35.65	1st Day	https://www.grainger.com/product/WESTWARD-Tungsten-Electrode-49H752?s_pp=false&picUrl=//static.grainger.com/rp/s/is/image/Grainger/49H751_AS01?Ssmthumb\$
Quality Drill Index		\$311.98	1st Day	http://www.msdirect.com/product/details/73285397
Mechanical Edge Finder		\$16.05	1st Day	http://www.msdirect.com/product/details/02035186
End Mills, Center Cutting HSS	Standard up to 1/2"	\$149.75	1st Day	http://www.msdirect.com/product/details/00306449
Tap Set including:				
Set that includes 6-48, 8-40, similar to Brownells #2 Tap Set		\$108.20	On or before GSS 50.03	http://shop.brownells.com/gunsmith-tools-supplies/general-gunsmith-tools/taps-dies/tap-die-kits/drill-and-tap-kit-no-2-sku080564002-616-2539.aspx?cm_mmc=PPC- -Itwine- -Google- -080-564-002&gclid=CJ7t17q1g9ICFRK5fgdqQc2A
Tap Fluid		\$16.32	1st Day	http://www.msdirect.com/product/details/00262303
Tap Handle(may not be included in set)				
Propane or MAP Gas Torch		\$42.97	On or before GSS 50.03	http://www.homedepot.com/p/Bernzomatic-TS4000KC-Trigger-Start-Torch-Kit-TS4000KC/203368730
Tooth Brushes			1st Day	
Small baking pans to hold parts		\$6.99	1st Day	http://www.target.com/p/9-x-13-cake-pan-threshold/-/A-16999576?ref=tgt_adv_XS000000&AFID=bing_pla_df&CPNG=PLA_Kitchen%2BShopping&adgroup=SC_Kitchen_Chefs&LID=700000001230728pbs
C Clamps:	3" x2	\$5.42 x2	1st Day	http://www.msdirect.com/product/details/06987416
	5" x2	\$19.28	1st Day	https://www.msdirect.com/product/details/76378835
Tape Measure			1st Day	
Cross Test Level		\$56.10	1st Day	http://www.msdirect.com/product/details/86405719
Mallet, 10-12 OZ. Non-marring		\$28.44	1st Day	http://www.msdirect.com/product/details/06623847
Scissors			1st Day	
Small Flashlight			1st Day	
Latex/Nitrile Disposable Gloves		\$16.32	1st Day	http://www.msdirect.com/product/details/85966398
Dovetail Cutter (3/8"x60 Deg OR .330"x65 Deg-to match your sights)		\$34.76	On or before GSS 50.03	http://www.brownells.com/gunsmith-tools-supplies/power-tools-accessories/milling-cutters/hss-front-sight-dovetail-cutter-prod664.aspx
Ball Endmill (1/2", 5/8", OR 3/4")		\$31.87	On or before GSS 57.08	http://www.msdirect.com/product/details/41117151
Assortment of Wooden Dowels		\$11.45	On or before GSS 57.01	http://www.micromark.com/wood-dowel-assortment-60-pieces,12160.html
A wide assortment of rubber corks to plug bores and muzzles			On or before GSS 59.03	https://www.cerakoteguncoatings.com/finishes/SE-220/cerakote-plug-kit/
Chemical Resistant spray Bottle		\$3.99	On or before GSS 59.09	http://www.tractorsupply.com/tsc/product/zep-commercial-pro-sprayer?cm_vc=10005
ACRAGLASS or ACRAGEL bedding Compound		\$82.67	On or before GSS 55.04	http://www.brownells.com/gunsmith-tools-supplies/stock-work-finishing/stock-bedding-adhesives/acraglas--prod1033.aspx
Release Agent		\$25.18	On or before GSS 51.05	http://www.brownells.com/gunsmith-tools-supplies/stock-work-finishing/stock-bedding-accessories/mold-releases/acra-release--prod1045.aspx
Cerakote Starter Kit OR 1 Can OF TEFLONMOLY, OR GUNKOTE		\$199	On or before GSS 59.09	http://www.cerakoteguncoatings.com/finishes/1H-KITA6/6-color-hseries-firearm-coating-kit/
3 Grind to Fit Recoil Pads		\$30 x3	On or before GSS 50.01	http://www.midwayusa.com/product/1115216674/pachmavr-d750b-decelerator-presentation-recoil-pad-grind-to-fit-basketweave-texture-black
.22 Barrel Liner		\$31.61	On or before GSS 66.01	http://www.brownells.com/gunsmith-tools-supplies/barrel-tools/barrel-liners/22-caliber-rimfire-barrel-liners-prod10974.aspx
.22 Barrel Liner Drill bit		\$108.99	On or before GSS 66.01	http://www.brownells.com/gunsmith-tools-supplies/power-tools-accessories/drill-bits/barrel-liner-drills-prod6773.aspx

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Quality Scope Bases for FN Mauser		\$19.44	On or before GSS 57.03	http://www.brownells.com/optics-mounting/rings-mounts-amp-bases/rifle-bases/standard-two-piece-rifle-bases-prod7863.aspx
A 2 Sear Trigger such as Timney, or Jard for your Mauser		\$87.50	On or before GSS 57.03	https://timneytriggers.com/mauser-sportsman/
Low Scope Safety for Mauser		\$39.91	On or before GSS 57.03	http://www.brownells.com/rifle-parts/triggers-parts/triggers/buehler-style-low-safety-prod13149.aspx
Weld-on bolt handle for Mauser		\$8.95	On or before GSS 57.03	http://www.brownells.com/rifle-parts/bolt-parts/charging-handle-parts/charging-handles/bolt-action-classic-bolt-knob-prod13114.aspx
Jewell Trigger for Remington 700 (Hunter)			On or before GSS 70.02	http://www.brownells.com/rifle-parts/triggers-parts/triggers/remington-700-40x-win-m70-rifle-triggers-prod27104.aspx?avs%7cManufacturer_1=JEWELL+TRIGGERS%2c+INCxzzx
White Cotton Gloves		\$0.60	On or before GSS 59.04	http://www.msdirect.com/product/details/06551808?item=06551808&fromRR=Y
A roll of Bailing wire		\$8.81	On or before GSS 59.02	http://www.msdirect.com/product/details/31980923
20 gauge Sheet Steel (aprox 12"x12")			On or before GSS 59.04	
36" length of 1/4" Allthread with nuts and washers to fit	Plus matching nuts and washers	\$1.79	On or before GSS 59.03	http://www.msdirect.com/product/details/06049100
Assorted Spring Stock (Flat and Round)				
	Flat	\$31.08	On or before GSS 73.02	http://www.brownells.com/gunsmith-tools-supplies/small-hardware/bulk-spring-kits/no-149-flat-spring-stock-prod26219.aspx
	Round	\$27.87	On or before GSS 73.02	http://www.brownells.com/gunsmith-tools-supplies/small-hardware/bulk-spring-kits/no-152-round-oil-tempered-spring-stock-prod26218.aspx
2 Pre contoured barrels(un-threaded and un-chambered)		\$140 each	On or before GSS 56.03	See Staff for discount
1 un-contoured barrel blank		\$120	On or before GSS 56.04	See Staff for discount
A Semi-inletted wood stock for Rem, Springfield, or Mauser			On or before GSS 51.01	http://walnutgrovegunstocks.com/pricing
Foam-Filled Fiberglass stock for Rem, Springfield, or Mauser		~\$240	On or before GSS 64.01	http://www.legendaryarmsworks.com/category-s/112.htm
Cold Rolled Round stock Steel(6' Lengths):				
1/4", 3/8", 1/2", 3/4", 1"			1st Day	http://www.modocsteel.com/
Cold Rolled Round stock Steel(10' Lengths):				
, 1-1/4"			1st Day	
Flat Bar Stocks 27" length of 1"x2"			On or before GSS 52.04	
Flat Bar Stocks 24" length of 1/2"x1-1/2"			On or before GSS 52.03	
Alluminum Bar Stock(1 piece of each dimension below)				
1-1/2"x4"x5"			On or before GSS 57.06	
1"x3"x6"			On or before GSS 57.08	
2-1/2"x 2-1/2"x 9.5"			On or before GSS 57.08	
36" length of 1/2" Drill Rod			On or before GSS 54.05	
		\$2,945.95		Modoc Steel is a local supplier. If you place your order before Monday afternoons, they make a stop at the Lassen College Gunshop every Tuesday afternoon. Modoc Steel (530) 233-2655