

## HAND TOOLS & SUCHLIKE

**20-molar acid:** Concentrated acid (usually nitric or sulfuric). 100 grams. A small acid bottle or flask is unlikely to have any sort of blast radius, but the person hit will immediately suffer 2D6 at the location indicated and 1D6-2 for every phase after that until some sort of base material is used to work into the wound.

Tool or Implement	Weight	Range	Damage	Price
20-Molar Acid	0.1 kg	NA	2D6 (One Body Part Only)	\$250

**Anvil:** This is part of the basic blacksmith tools, but must be bought and handled separately. This and a small forge allows basic blacksmithing (creation of metal parts, and possibly steel implements).

Tool or Implement	Weight	Range	Damage	Price
Anvil	23 kg	NA	NA	\$1500

**Blacksmith Tools:** These include tongs, hammers, bending rods, engravers, etc. A basic tool set can to an extent for the same purpose, but all tasks become 2 levels more difficult. Not all blacksmithing tools can be used as melee weapons, but even the small ones or ones too weak for melee combat can be used by scumbag torturers. The stats are for the larger tools of such a set (which does not include an anvil or forge).

Tool or Implement	Weight	Range	Damage	Price
Blacksmithing Tools	20 kg	S	1D6+0.25 STR	\$300

**Bolt Cutters:** The small model is used to cut drop-forged steel (such as lock hasps) up to 13mm thick, or wire/rope/cable up to 25mm or chains and similar material of comparable dimensions. The Large Bolt Cutter can cut hasps of 15mm or wire rope, cable, or suchlike up to 25mm.

Tool or Implement	Weight	Range	Damage	Price
Bolt Cutter (Small)	3.18 kg	S	1D6-1 +0.5 STR	\$67
Bolt Cutter (Large)	5.44 kg	S	1D6+ 0.75 STR	\$99

**Bullet Molds:** One mold will allow casting of the lead bullet of one caliber of weapon. Shot is made much more simply by dropping molten lead into a bucket of water. Lead bullets are usually much worse penetrators (+1 to each penetration category), but cannot be jacketed with primitive technology such as battery electroplating. They can be crossed into Dum-Dums (by hollowing out the tip), this reduces the range by 1/2 and worsens the penetration further (+1), but increases the damage by 1 die. Gunpowder or cordite is still needed however. Making simple round-ball bullets (such as for shotguns or primitive firearms) is ESY: Gunsmith or AVG: Small Arms (Any). Round-Nose (such as non-spitzer rifle bullets and handguns) bullets can be made rolling ESY: Gunsmith or DIF: Small Arms (Any). Spitzer bullets are ESY: Gunsmith or DIF: Small Arms (Any).

Tool or Implement	Weight	Range	Damage	Price
Bullet Mold (Average)	1 kg	S	1D6	\$250

**Battery Charger:** Charges batteries from generator power. Generator not included. It essentially is a power converter. Some devices can be recharged directly from radio batteries -- this normally results in excellent operation for a short period of time.

Tool or Implement	Weight	Range	Damage	Price
Battery Charger	1 kg	NA	NA	\$300

**Cranes:** These are fixed assemblages (which have to be built into the shop) which lift and move heavy objects via electrical power. They require around 2kW/ton for everyday use, with peak power ranging in the 15Kw/ton range (usually handled by batteries). Diesel cranes can also be found, and consume fuel at the rating listed for generators of that power. They are essential for speedy replacement of large vehicle parts (engines, turrets), or moving immobilized vehicles around. A 10 Ton crane is good enough for parts and engines, a 50 Ton crane for vehicles (except the heaviest of tanks). They can also be invaluable in construction of buildings, bridges etc. Setting up a crane at a site is a Major (but Average) task for Civil Engineer, or Machinist.

Tool or Implement	Weight	Range	Damage	Price
Crane (Small or Medium)	Variable	NA	NA	\$1000-\$5000

**Crucible:** This holds molten metals (usually steel or copper), and can be attached to a crane to move molten metal out of the forge, and cast it into the mold in a controlled manner. The price depends on the size and how advanced the pouring technique. For \$100 you get an insulated bucket with handles, for \$5000, an industrial 500L steelcasting bucket. Price: \$100-5000 (S/S)

Tool or Implement	Weight	Range	Damage	Price
Crane (Small or Medium)	10-500 Liter	S	Small Only (1d6+STR)	\$100-\$5000

**Cutting Torch:** This requires acetylene and oxygen (or compressed air) tanks. Small tanks will last for 4-5 jobs, while large tanks will last 30 jobs (10 min cutting time/job). Tanks cost \$50 for a small one, or \$150 for a large one and are V/V. A new charge of fuel costs \$40/job for acetylene and \$5/job for oxygen or \$1/tank compressed air. Cutting torches and Arc welders are necessary for jury-rigging. A torch can be used as a clubbing weapon, but this is likely to damage the torch; if the torch is not lit, damage is only 1D6.

**Acetylene Tanks:** These come in small tanks and large tanks. On the average, large tanks will last 30 average jobs (10 minutes cutting time per job). The tanks can be used as clumsy clubs.

Tool or Implement	Weight	Range	Damage	Price
Cutting Torch	0.3 kg	S	1D6/1D6+4	\$300
Acetylene Tank (Large)	24 kg	S (-3 to Hit)	1D6 + ¼ STR	\$150
Acetylene Tank (Small)	3 kg	S (-1 to Hit)	1D6 + 1	\$50

**Duct Tape:** Per roll 50mm wide by 50m long. Also known as 100-mph tape (usually in the Air Force), and Duck Tape. Any color of the rainbow can be found (usually olive drab, brown, camouflage or black in military use).

Tool or Implement	Weight	Range	Damage	Price
Duct Tape	1 kg	NA	NA	\$7

**Epoxy Glue:** This is known by a variety of names (PermaBond, Superglue, Krazy Glue, or Cyanoacrylate, to name of a few), Per 50 gram tube, good for about 40 applications if you're careful and depending on the size of the surface to be bonded.

Tool or Implement	Weight	Range	Damage	Price
Epoxy Glue	0.1 kg	NA	NA	\$10

**Entrenching Tool:** Commonly known as the E-Tool in the US, Mexican, and Canadian Armed Forces, this either folds completely or leaves and handle outside the carrier, with a folding blade and pick. Whether completely folding or partially folding, they are usually carried on the gear harness or rucksack. This tool is a combination digging shovel and pick for heavier ground, but does take about 20 seconds to deploy. It can also be used as a flat "punching" implement, if it were completely folded, but is not useful for digging this way. A good entrenching implement, the E-Tool also makes an excellent hand-to-hand weapon. Includes a carrier of the appropriate type. Note that an E-Tool shovel is not as big as a standard shovel, nor is the pick; many modern E-Tools do not have a pick.

Older E-Tools tend to be larger and heavier, with the handle non-folding and extending out of the cover.

Tool or Implement	Weight	Range	Damage	Price
E-Tool (Modern)	0.75 kg	M	(Folded) 1d6+1; (Shovel) 1D6 + 1/4 STR; (Pick) 1D6+2+AMA	\$26
E-Tool (Older)	1 kg	M	(Folded) 1D6+2, (Shovel) 1D6+2 + ¼ STR; (Pick) 1D6+2+AMA	\$35

**Finishing Tools:** These are power hand tools for "blueprinting" parts to fit exactly into place. They are needed for using cast parts, and augment the normal tools for the machinist, to make them measure to proper tolerances. They consist primarily of an assortment of Dremel-type tools, grinders, and micrometers.

Tool or Implement	Weight	Range	Damage	Price
Finishing Tools	10 kg	NA	NA	\$500

**Forge:** The quality of the forge is determined by it's cost; a gas fired industrial forge from a steel foundry will run into the tens of thousands of dollars, are immobile, and need the best coal possible (charcoal will generally not get the forge hot enough; coke is what is used by modern foundries. Small experimental gas fired forges will cost \$4-5000. Primitive hand-made coal burning forges will run \$1000-\$5000 depending on size. As natural gas is as rare as can be, hardly anyone will be using gas-fired forges, but they have about twice the efficiency, and are much easier to work with. Glass-producing forges will cost 1/4 as much and cannot be developed into a

blast furnace (as this is not generally necessary). While the forge itself cannot be used as a weapon (except in cases of sabotage), the force will have a number of large tongs, pincers, and suchlike that can be pressed into use as a club if necessary, but they may be damaged as a result.

It should be impressed upon the players that acquiring the materials needed for a forge operation is difficult and the players will probably have to build one themselves. This is an (IMP: Metallurgist) undertaking.

Tool or Implement	Weight	Range	Damage	Price
Forge	\$4000-\$10000 (or more)	S (Tools Only)	1D6 + ¼ STR	\$1000-\$50000 (or more)

**Glass Cutter:** A small hand-held glass cutter will be able to cut glass up to 12 millimeters thick; a suction cup with an arm holding the glass cutter can be used to create a circular hole. Snipers often also carry glass cutters to cut mouseholes in windows. Contrary to popular belief, you cannot do this sort of thing with a diamond; the diamond has to be cut and polished just so and accuracy is poor. (and a standard glass cutter already is studded with diamond dust. Use as a weapon is not very effective. The glass cutter itself will gradually wear out, becoming totally ineffective after 50 uses.

Tool or Implement	Weight	Range	Damage	Price
Glass Cutter	0.1 kg	S	(1D6-2) + (1/4 AMA)	\$6

**Klecker Stowaway Tools:** Though I show a brand name here, this is a collection of tools available as a package and in various storage means elsewhere.

The Stowaway Tools may be in a case based on that of a hard rubber iPhone case, a deluxe double carabiner, or a single-loop quick-link. The "iPhone" case has several slots to keep handy often-used tools. The Stowaway Tools includes a belt cutter, a magnesium fire starter, a very small folding knife, a pair of pliers/large tweezers, Schlage and KwikSet key blanks, a Philips/flat-head screwdriver, tweezers, a small comb, a small, flat LED flashlight, a griffin tool, a ball-point pen, scissors, a small straight razor, a wrench, and a pocket clip (that doubles as a bottle opener). Some tools are usable as *ad hoc* weapons.

Tool or Implement	Weight	Range	Damage	Price
Stowaway Tools	2 kg	S (Tools Only)	NA	\$193
Stowaway Tools – Belt Cutter	NA	S -2	(1D6-3) + (0.1 STR or 0.2 UMA)	NA
Stowaway Tools – Folding Knife	NA	S -1	(1D6-2) + (0.1 STR or 0.2 UMA or AMA)	NA
Stowaway Tools – Key Blank	NA	S -2	(1D6-4) + (0.1 STR)	NA
Stowaway Tools – Screwdriver	NA	S -1	(1D6-2) + (0.1 STR)	NA
Stowaway Tools – Pen	NA	S -2	(1D6-3) + (0.1 STR)	NA
Stowaway Tools – Scissors	NA	S -2	(1D6-3) + (0.1 STR)	NA
Stowaway Tools – Razor	NA	S -1	(1D6-3) + (0.25 STR or AMA or UMA)	NA

**Machine Shop (Basic):** The shop consists of 4 basic parts: the lathe, the disk grinder, the drill press, and metal saw. The one listed here is for a small experimental shop. An Industrial set could cost up to 1 million dollars. These require at least 50Kw to operate a small shop (and up to 500Kw for industrial). To use the shop, one has to have Machinist skill, though any "shop" skill (Metallurgy, mechanic, civil engineer) will allow use at 1/2 skill level. A well run Machine shop can create practically any metal part from stock metal. These parts are handmade, rather than produced in a factory, and will take a great deal of time (and thus money) to create. However, it is the only source of new parts. Other machines can be bought for specialized jobs. These parts will be functional, but not interchangeable. A brass stamper for turning out cartridges (with different dies for each caliber) is part of the shop. Damage figures are for the various wrenches, hammers, and materiel-handling tools on scene. (One cannot pick up the machine shop and throw it at someone.)

Tool or Implement	Weight	Range	Damage	Price
Machine Shop (Basic)	600 kg (21 kW)	S (Tools Only)	1D6+ 1/4xSTR	\$25714

**MultiTasker Tube:** This device looks like a fat pen, and will operate as such. However, it is the extras that warrant it further attention: an M-16/M-4 front sight adjustment tool; this is replaceable with any standard hex driver socket bits. When unscrewed, the other end reveals a carbon scraper, which will reach just about any part of the chamber, upper receiver, and lower receiver. The scraper can be replaced with any number of standard screwdriver or star bits. This end can also be replaced with the complete line of Otis cleaning tools. The pocket clip doubles as a surprisingly-strong flat screwdriver. The multitasker tube is sort of a "baby" multitool.

Tool or Implement	Weight	Range	Damage	Price
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<b>Multitasker Tube</b>	0.25 kg	NA	NA	\$45
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**Multitool:** This is sort of a Swiss Army Knife on steroids. They come in several different types, amount of tools, and types of tools. Virtually all can be unfolded into a set of pliers that can be used as pincers, to pull nails, used as a wrench, etc. Some have keychain loops; others have larger rings for attachment to field gear. Still others come with a sheath that fits the folded multitool and can be attached to a belt, LBE, MOLLE gear, etc.

The template for these tools are the Leatherman series. They typically hare made of 420HC and/or 154CM steel, anodized aluminum, and carbon fiber and/or anodized aluminum handles.

<b>Tool or Implement</b>	<b>Weight</b>	<b>Tools</b>	<b>Price</b>
<b>Leatherman Style CS</b>	0.04 kg	420HC Knife, Scissors, Flat/Phillips Screwdriver, Tweezers, Nail File, Carabiner/Bottle Opener	\$24
<b>Leatherman Squirt ES4 Electrician's Tool</b>	0.06 kg	Needlenose Pliers/Wire Strippers/Wire Cutter, 420HC Knife, Scissors, Flat/Phillips Screwdriver, Bottle Opener, Wood/Metal File, Medium Screwdriver	\$27
<b>Leatherman Style PS</b>	0.05 kg	Needlenose/Regular Pliers/Wire Cutters, Scissors, Flat/Phillips Screwdriver, Tweezers, Nail File, Carabiner/Bottle Opener	\$28
<b>Squirt PS4</b>	0.06 kg	Needlenose/Regular Pliers/Wire Cutter, 420HC Knife, Scissors, Flat/Phillips Screwdriver, Bottle Opener, Wood/Metal Mile, Medium Screwdriver	\$27
<b>Leatherman Micra</b>	0.05 kg	420HC Knife, Scissors, Flat/Phillips Screwdriver, Ruler (12 Cm), Nail Cleaner, Tweezers, Bottle Opener, Nail File, Medium Screwdriver, Extra-Small Flat Screwdriver	\$30
<b>Leatherman Freestyle</b>	0.13 kg	420HC 6.6 cm Combo Knife, Needlenose/Regular Pliers/Hardwire/Regular Wire Cutter	\$45
<b>Leatherman Juice SX</b>	0.13 kg	420 HC 5.77 cm Knife, Needlenose/Regular Pliers/Hardwire/Regular Wire Cutter, Can Opener, Bottle Opener, Corkscrew, Phillips Screwdriver, Medium Screwdriver, Fin Key	\$60
<b>Letherman Skeletool SX</b>	0.14 kg	420HC 6.6cm Knife, Needlenose/Regular Pliers/ Hardwire/Regular Wire Cutter, Carabiner/Bottle Opener, Diamond-Coated File, Large Bit Driver	\$75
<b>Leatherman Juice C2</b>	0.13 kg	420HC 5.77 cm Knife, Needlenose/Regular Pliers/Hardwire/Regular Wire Cutters, Can Opener, Bottle Opener, Corkscrew w/Assist, Phillips Screwdriver, Medium/Large Screwdriver,	\$64

		Small Screwdriver, Extra-Small Screwdriver	
<b>Leatherman Skeetool RX</b>	0.14 kg	154CM Stainless Steel 6.6 cm Serrated Knife, Needlenose/Regular Pliers Hardwire/Regular Wire Cutter, Carabiner/Bottle Opener, Large Bit Driver, Glass Breaker	\$95
<b>Leatherman Skeetool CX</b>	0.14 kg	154CM Stainless Steel 6.6cm Knife, Needlenose/Regular Pliers Hardwire/Regular Wire Cutter, Carabiner/Bottle Opener, Large Bit Driver	\$95
<b>Leatherman Skeetool</b>	0.14 kg	420HC 6.6 cm Combo Knife, Needlenose/Regular Pliers/Hardwire/Regular Wire Cutters, Carabiner/Bottle Opener, Large Bit Driver	\$70
<b>Leatherman Juice CS4</b>	0.16 kg	420HC 5.77 cm Knife, Needlenose/Regular Pliers/Hardwire/Regular Wire Cutter, Saw, Scissors, Awl, Can Opener, Bottle Opener, Corkscrew w/Assist, Phillips Screwdriver, Medium/Large Screwdriver, Small Screwdriver, Extra-Small Screwdriver	\$84
<b>Leatherman Juice XE6</b>	0.2 kg	420HC 5.77 cm Knife, 420HC Serrated Knife, Needlenose/Regular Pliers/Hardwire/Regular Wire Cutter, Saw, Scissors, Can Opener, Bottle Opener, Corkscrew w/Assist, Wood/Metal File with Diamond-Impregnated End, Phillips Screwdriver, Medium/Large Screwdriver, Small Screwdriver, Extra-Small Screwdriver	\$104
<b>Leatherman Leap</b>	0.14 kg	420HC 5.5 cm Knife, Needlenose/Regular Pliers/Hardwire/Regular Wire Cutters, Saw, Scissors, Ruler, Tweezers, Bottle Opener, Phillips Screwdriver, Medium Screwdriver, Small Screwdriver	\$50
<b>Leatherman Juice S2</b>	0.13 kg	450HC 5.77cm Knife, Needlenose/Regular Pliers/Hardwire/Regular Wire Cutters. Scissors, Can Opener, Bottle Opener, Phillips Screwdriver, Medium/Large Screwdriver, Small Screwdriver, Extra Small Screwdriver	\$69
<b>Leatherman Leap</b>	0.14 kg	420HC 5.5 cm Knife,	\$50

		Needlenose/Regular Pliers/Hardwire/Regular Wire Cutters, Saw, Scissors, Ruler, Tweezers, Bottle Opener, Phillips Screwdriver, Medium Screwdriver, Small Screwdriver	
<b>Leatherman Knifeless Rebar</b>	0.19 kg	Needlenose/Regular Pliers, 154CM Replaceable Hardwire/Regular Wire Cutter/Stripper, Saw, Awl w/Thread Loop, 19 cm Ruler, Can Opener, Bottle Opener, Wood/Metal File, Phillips Screwdriver, Large Screwdriver, Small Screwdriver	\$81
<b>Leatherman Z-Rex</b>	0.17 kg	440C Stainless Steel Indexable/Replaceable Hook-Shaped Cutters, Oxygen Tank Wrench, Carbine Glass Breaker, 1/4" Hex Bit Driver	\$24
<b>Leatherman Tread Metric</b>	0.17 kg	Bracelet-Shaped 17-4 Stainless Steel, 3/32" Screwdriver, 1/8" Flat Screwdriver, Carbide Glass Breaker, Cutting Hook, Pick/SIM Card Tool, 3mm Hex Driver, 4mm Hex Driver, 5mm Hex Driver, 6mm Hex Driver, 6mm Box Wrench, 7mm Box Wrench, 8mm Box Wrench, 9mm Box Wrench, 10mm Box Wrench, 11mm Box Wrench, 12mm Box Wrench, #1-2 Phillips Screwdriver, 3/16" Screwdriver, #1 Square Drive, #2 Square Drive, #3 Square Drive, Pozi-Driv #2, Pozi-Driv #3, #20 Torx Wrench, #25 Torx Wrench, #27 Torx Wrench, #30 Torx Wrench, 1/4" Socket Drive, Bottle Opener	\$185
<b>Leatherman Tread</b>	0.17 kg	Bracelet-Shaped 17-4 Stainless Steel, #1-2 Phillips Screwdriver, #1 Phillips Screwdriver, #2 Phillips Screwdriver, 3/32" Screwdriver, 3/16" Screwdriver, 1/8" Flat Screwdriver, 5/16" Screwdriver, 1/4" Flat Screwdriver, 1/4" Box Wrench, 3/32" Box Wrench, 3/16" Box Wrench, 3/8" Box Wrench, 6mm Box Wrench, 8mm Box Wrench, 10mm Box Wrench, 3mm Hex Driver, 4mm Hex Driver, 5mm Hex Driver, 6mm Hex Driver, 1/8" Hex Driver,	\$185

		<p>¼" Hex Driver, 3/32" Hex Driver, 3/16" Hex Driver, Oxygen Tank Wrench, Carbide Glass Breaker, Pick/SIM Card Tool, Cutting Hook, ¼" Socket Driver, Bottle Opener, #2 Square Driver</p>	
<b>Leatherman Rev</b>	0.17 kg	<p>420HC 6.6cm Knife, Needlenose/Regular Pliers/Hardwire/Regular Wire Cutters/Wire Stripper, Package Opener, 3.8cm Ruler, Can Opener, Bottle Opener, Wood/Metal File, Phillips Screwdriver, Medium Screwdriver, Small Screwdriver</p>	\$35
<b>Leatherman Sidekick</b>	0.2 kg	<p>420HC 6.6cm Knife, 420HC Serrated Knife, Needlenose/Regular Pliers/Wire Cutters/Wire Stripper, Saw, 3.8cm Ruler, Can Opener, Bottle Opener, Wood/Metal File, Phillips Screwdriver, Medium Screwdriver, Small Screwdriver</p>	\$50
<b>Leatherman Charge AL</b>	0.24 kg	<p>154CM Stainless Steel 7.37cm Knife, 420HC Serrated Knife, Needlenose/Regular Pliers/Hardwire/Regular Wire Cutters/Wire Stripper, Saw, Scissors, 19cm Ruler, Can Opener, Bottle Opener, Wood/Metal File/Diamond-Coated File. Large Bit Driver, Small Bit Driver, Medium Screwdriver</p>	\$141
<b>Leatherman Signal</b>	0.21 kg	<p>420HC 6.93cm Combo Knife, Needlenose/Regular Pliers/154CM Replaceable Hardwire/Regular Wire Cutters/Wire Stripper, Saw, Hammer, Awl w/Thread Loop, Can Opener, Bottle Opener, ¼" Hex Bit Driver, Bit Driver, ¼" Box Wrench, 3/16" Box Winch, Carabiner, Safety Whistle, Ferrocium Rod, Diamond-coated Sharpener</p>	\$100
<b>Leatherman Raptor</b>	0.16 kg	<p>420HC Stainless Steel EMT Shears/5cm Ruler, Strap Cutter, Ring Cutter, Oxygen Tank Wrench, Carbine Glass Breaker</p>	\$70
<b>Leatherman Charge TTi</b>	0.25 kg	<p>Titanium Alloy Construction, S30V Stainless Steel 7.37cm Knife, 420HC Serrated Knife, Needlenose/Regular Pliers/Hardwire/Regular Wire</p>	\$171

		Cutters, Crimper, Wire Stripper, Saw, Scissors, Cutting Hook, 19cm Ruler, Can Opener, Bottle Opener, Diamond-Coated/Wood/Metal File, Large Bit Driver, Small Bit Driver, Medium Screwdriver	
<b>Leatherman Crunch</b>		420HC Stainless Steel Serrated Knife, Regular/Locking Pliers/Hardwire /Regular Wire Cutters/Wire Stripper, Ruler, Pin Vice, Bottle Opener, Wood/Metal File, ¼" Hex Bit Driver, Phillips Screwdriver, Medium Screwdriver, Small Screwdriver	\$111
<b>Leatherman Rebar</b>	0.19 kg	420HC 7.36cm Knife, Needlenose/Regular Pliers/Premium Replaceable Hardwire/Regular Wire Cutters/Electrical Crimpers, Wire Stripper, Saw, Awl w/Thread Loop, 19cm Ruler, Can Opener, Bottle Opener, Wood/Metal File, Phillips Screwdriver, Large Screwdriver, Small Screwdriver	\$61
<b>Leatherman Charge ALX</b>	0.24 kg	154CM 7.37cm Knife, 420HC Serrated Knife, Needlenose/Regular Pliers/Hardwire/Regular Wire Cutters/Crimper, Wire Stripper, Saw, Cutting Hook, 19cm Ruler, Can Opener, Bottle Opener, Wood/Metal/Diamond-Coated File, Large Bit Driver (I), Large Bit Driver (II), Small Bit Driver	\$150
<b>Leatherman Wingman</b>	0.2 kg	420HC 6.6cm Combo Knife, Needlenose/Regular/Wire Cutters, Wire Stripper, Scissors, Package Opener, 3.8cm Ruler, Can Opener, Wood/Metal File, Phillips Screwdriver, Medium Screwdriver, Small Screwdriver	\$40
<b>Leatherman Wave</b>	0.24 kg	420HC 7.37cm Knife, 420HC Serrated Knife, Needlenose/Regular Pliers/Hardwire/Regular Wire Cutters, Wire Stripper, Saw, Scissors, 19cm Ruler, Can Opener, Bottle Opener, Wood/Knife/Diamond-Coated File, Large Bit Driver, Small Bit Driver, Medium Screwdriver	\$100
<b>Leatherman MUT</b>	0.32 kg	420HC 7.6cm Combo Knife,	\$160



		Needlenose/Regular Pliers/Premium Replaceable Hardwire/Wire Cutters, Stranded Wire Cutters, Electrical Crimper, Saw, Replaceable Cutting Hook, Hammer, Bolt Override Tool, Replaceable Bronze Carbon Scraper, #8/32 Cleaning Rod/Brush Adapter, Replaceable Firearm Disassembly Punch, Carabiner/Bottle Opener, Large Bit Driver, 3/8" Wrench, Front-Sight Adjustment Accessory	
<b>Leatherman Super Tool 300 EOD</b>	0.27 kg	420HC 8.13cm Combo Knife, Needlenose Pliers/154CM Replaceable Fuse-Wire Cutters/Milspec Cap Crimper, Stranded Wire Cutters, Electrical Crimper, Saw, Replaceable T-Shank Metal Saw, Replaceable C4 Punch, #8/32 Cleaning Rod/Brush Adapter, Awl w/Thread Loop, 22cm Ruler, Can Opener, Bottle Opener, Phillips Screwdriver, Large Screwdriver, Medium Screwdriver, Small Screwdriver	\$100
<b>Leatherman OHT</b>	0.28 kg	420HC 6cm Knife, 420HC Serrated Knife, Needlenose/Regular Pliers/Premium Replaceable Hardwire/Regular Wire Cutters, SAW, Strap Cutter, #8/32 Cleaning Rod/Brush Adapter, Can Opener, Bottle Opener, Oxygen Tank Wrench, Phillips Screwdriver, Large Screwdriver, Medium Screwdriver, Small Screwdriver	\$90
<b>Leatherman MUT EOD</b>	0.32 kg	420HC 7.6cm Combo Knife, Needlenose/Milspec Cap Crimper/154CM Replaceable Fuse-Wire Cutters, Stranded Wire Cutters, Electrical Crimper, Saw, Replaceable Cutting Hook, Hammer, Bolt Override Tool, Replaceable C4 Punch, Replaceable Bronze Carbon Scraper, #8/32 Cleaning Rod/Brush Adapter, Carabiner/Bottle Opener, Large Bit Driver, 3/8" Wrench, Front Sight Adjustment Accessory	\$170

<b>Leatherman Super Tool 300</b>	0.27 kg	420HC 8.13cm Knife, 420HC Serrated Knife, Needlenose/Regular Pliers/Premium Replaceable Hardwire/Wire Cutters, Stranded Wire Cutters, Electrical Crimper, Wire Stripper, Saw, Awl w/Thread Loop, 22cm Ruler, Can Opener, Bottle Opener, Wood/Metal File, Phillips Screwdriver, Large Screwdriver, Medium Screwdriver, Small Screwdriver	\$81
<b>Leatherman Surge</b>	0.34 kg	420HC 7.87cm Knife, 420HC Serrated Knife, Needlenose/Regular Pliers/Premium Replaceable Hardwire/Regular Wire Cutters, Stranded Wire Cutters, Electrical Crimper, Wire Stripper, Saw, Scissors, Awl w/Thread Loop, 19cm Rulers, Can Opener, Bottle Opener, Wood/Metal/Diamond-Coated File, Blade Exchanger, Large Bit Driver, Large Screwdriver, Small Screwdriver	\$105

**Lockpick Set, Electronic:** Used to "read" combination and electronic locks; when turning or manipulating the lock, a readout will give the user the combination or a rough idea of what kind of tools he needs, giving him a difficulty level bonus of one. Requires batteries.

<b>Tool or Implement</b>	<b>Weight</b>	<b>Range</b>	<b>Damage</b>	<b>Price</b>
<b>Lockpick Set, Electronic</b>	0.5 kg	NA	NA	\$500

**Parachute Cord:** Also known as 550 Cord (each strand is able to bear 550 pounds, or 250 kilograms). It is just an infinitely-useful item, used to tie people up, tie equipment on and in vehicles, tie together kit, making a garrote, and help construct shelters. Inside the 550 cord are seven smaller strands, useful for sewing thread. The 550 Cord featured here is a 30-meter hank of cord.

<b>Tool or Implement</b>	<b>Weight</b>	<b>Range</b>	<b>Damage</b>	<b>Price</b>
<b>Parachute Cord</b>	0.3 kg	NA	Special	\$27

**Reloader Kit, Tabletop:** This machine makes it possible to reload 40 shots per hour, packaging the propellant and primers, as well as insuring the proper neck and shoulder are on the cartridge. The machine does not make bullets, however, though it will seat them. Includes a small analogue or digital computing device to ensure the proper data is applied to the cartridge.

**Reloading Bullets:** Enough bullets for 350 shots. These are ready-made bullets, already made in a bullet mold (above). The price will depend upon the size of the bullet, with a .22 Long Rifle at the small end and a 14.5mm KPV at the high end. These may be thrown as a distraction tactic, but are not weapons per se. One could also use them to manually insert into a victim, if you're such a badass you can do something like it. **These measurements are very rough.**

**Reloading Powder:** Enough propellant for 350 shots, more or less depending upon the amount of propellant necessary to fire the bullet in question. It generally cannot be used as a weapon, but it could conceivably be thrown in an opponent's face to blind them (DIF: Thrown Weapon).

**Reloading Primers:** Enough primers for 350 shots. This is more or less constant, except that the primers may be rimfire or standard primers, or Berdan primers.

<b>Tool or Implement</b>	<b>Weight</b>	<b>Range</b>	<b>Damage</b>	<b>Price</b>
<b>Reloader Kit, Tabletop</b>	20 kg	NA	NA	\$2000

<b>Reloading Bullets</b>	3-15 kg	NA	NA	\$25-\$125
<b>Reloading Powder</b>	5-18 kg	NA	NA	\$150
<b>Reloading Primers</b>	10 kg	NA	NA	\$250

**Sandcasting Setup:** Rather than one fixed product, this represents the gathering of all the materials in order to do sandcasting, it includes braces, a clean supply of sand, adhesive, and clamps. Once an object has been created, it can be cast by placing it (or a wax copy) in sand, and hyper compressing the sand around it (or melting the wax out). A crude copy (unfinished) can be made then by pouring molten metal into the mould. This is the fastest way of making most complicated parts, and is also called Drop Forging when used for smaller parts. The parts then have to be annealed, and finally finished. The picks and crowbars used to remove the sandcaster shape; they are also what is referred to in the Range and Damage figures.

<b>Tool or Implement</b>	<b>Weight</b>	<b>Range</b>	<b>Damage</b>	<b>Price</b>
<b>Sandcasting Setup</b>	500 kg	M	1D6+STR	\$1000

**Small Arms Cleaning Kit:** These kits are normally tailored to the weapon, though the kit of a weapon of one caliber can often be used on another. It generally consists of a collapsible cleaning rod, an eyelet tip used to pull or push a cleaning patch down the bore, a bore brush for the rifle and a larger brush to clean the chamber. Some 10-25 cleaning patches are also in the kit. Many troops have added other items, such as a paper clip, a straight pin, and suchlike that they have found useful. These are usually in a small canvas or plastic case, which in many military service rifles fits in a compartment in the stock.

<b>Tool or Implement</b>	<b>Weight</b>	<b>Range</b>	<b>Damage</b>	<b>Price</b>
<b>Small Arms Cleaning Kit</b>	0.7 kg	NA	NA	\$16

**Small Arms Maintenance Tool:** This tool folds into a small multitool-like package (but a bit smaller). Its primary use is to remove carbon buildup from hard to reach areas. It does not replace the Small Arms Cleaning Kit for things like cleaning bores, chambers, and suchlike. Most types of small arms (assault rifles, submachineguns, battle rifles, pistols, revolvers) have a maintenance tool made for them, but one must usually buy them themselves; they are not issued by most armies. Tools include a set of needle-nose pliers, a carbine cutter, a carbine glass breaker (it may be used for other tasks), a carrier scraper, a bolt/firing pin scraper, a flash suppressor scraper, a sight scraper, a hooked pick, a short knife blade, cotter pin key with several bits, a tap hammer, a file, and 2-8 tools specific to the firearm the tool is for. The Small Arms Maintenance Toll will clean areas that the Small Arms Cleaning Kit will not, but is usually specific to an individual small arm, and has limited utility towards other small arm families.

<b>Tool or Implement</b>	<b>Weight</b>	<b>Range</b>	<b>Damage</b>	<b>Price</b>
<b>Small Arms Maintenance Kit</b>	0.91 kg	NA	NA	\$80

**Survival Straps Fish Tail:** This is about 4.26 meters of strengthened 550 Cord wrapped in a compact package. The end is weighted and with a fishhook, and color may be had in virtually every color. Survival Straps will replace the Fish Tail for free, regardless of age or accident. (How far this guarantee goes in TW2000 terms is unknown.) The Fish Tail comes in the form of a bracelet which can be opened to use as a fishing tackle. It could also conceivably be used as a garrote.

<b>Tool or Implement</b>	<b>Weight</b>	<b>Range</b>	<b>Damage</b>	<b>Price</b>
<b>Survival Straps Fish Tail</b>	0.5kg	S (-2 to hit)	Garrote	\$25

**Swiss Army Knife:** A many-bladed utility knife that folds into a small package. Includes large 57mm blade, small 40mm blade, Large screwdriver, bottle opener, wire stripper, small screwdriver, can opener, corkscrew, scissors, wood/rope saw; reamer, tweezers, plastic toothpick, key ring, fish scaler. Others exist, with more or less blades and implements; this is average one.

<b>Tool or Implement</b>	<b>Weight</b>	<b>Range</b>	<b>Damage</b>	<b>Price</b>
<b>Swiss Army Knife (Large Blade)</b>	0.1 kg	S (-2 to hit)	1D6-1	\$22
<b>(Small Blade)</b>	0.1 kg	S (-2 to hit)	1D6	\$22
<b>(Assorted Tools)</b>	0.1 kg	S (-3 to hit)	1D6-2	\$22

**Spork/Can Opener:** At one end is a spork, a combination of fork and spoon. As the other end is a can opener of the type you might find in a kitchen. In between is a bottle opener, pry tip, screwdriver (flat), and several metric wrench cutouts. It is a very basic multitool.

<b>Tool or Implement</b>	<b>Weight</b>	<b>Range</b>	<b>Damage</b>	<b>Price</b>
<b>Spork/Can Opener</b>	0.2 kg	S (-2 to hit)	1D6-3	\$2

**Temperature-Controlled Ovens:** These allow the slow cooling of metals to properly anneal newly cast metal parts. Crude

annealing will cause the part to automatically have a wear value of d10 (10 being automatic failure of the part).

<b>Tool or Implement</b>	<b>Weight</b>	<b>Range</b>	<b>Damage</b>	<b>Price</b>
<b>Temperature-Controlled Oven</b>	50 kg	NA	NA	\$1000

**Wire Clippers:** Clips up to 10mm wire, such as your typical razor wire, concertina, or chain-link fence. Can be used as a short, crude weapon.

<b>Tool or Implement</b>	<b>Weight</b>	<b>Range</b>	<b>Damage</b>	<b>Price</b>
<b>Wire Clippers</b>	0.5 kg	S (-1 to hit)	1D6-1	\$10