

WELCOME TO THE WORLD OF SPYDERCO

Spyderco's philosophy is simple. From our smallest Ladybug to our large Military model, Spyderco consistently delivers reliable high performance. Period.

We have prepared this catalog for you, our dealers and distributors. Not only does it carry our entire line of products, it is full of facts, data, information and history to help you understand Spyderco and to assist you in selling our products to your customers.

When you hold a Spyderco in your hand you know you are holding quality. It is backed by more than 20 years of research and development to find the right steels and handle materials. It has been ergonomically designed to open easily and fit comfortably in the hand while cutting. And, it will hang out in your pocket until you need it.

To assist you in understanding why our knives are superior, we have included the following information: an overview of steel production and its properties, a comprehensive steel chart cataloging the composition of today's commonly used steels, the anatomy of a knife showing all the parts in a Spyderco knife, and information on our trademarked round hole, pocket clip and of course our SpyderEdge.

We have packed a lot of information in this catalog and encourage you to keep it handy for ready reference. We also welcome any questions or input you might have. Call us, we'll find the answers for you.

Thank you and enjoy the catalog.

The Spyderco Crew

"Quality is the Product of a Good Attitude"...

TABLE OF CONTENTS

Across the Years]
Sharpeners	2
CLIPITS	5
Custom Collaborations	.16
Pro Culinaire	,22
Accessories	,24
G. Sakai	.27
Martial Blade Craft	.28
Steel Chart & Elements Information	.30
Steel Production and Properties	.31
Why the SpyderEdge?	.32
Why the Spyderco Trademark Round Hole?	
Why the Clip?	.32
Anatomy of a Spyderco Knife	
Edge-U-Cation, Care and Warranty	
Glossary	
Product Indexes By Name & SKU	

ACROSS THE YEARS...

1978		. Sharpeners
1981		.Kitchen Sharps, CO1 Worker
1982		.CO2 Mariner
1983		CO3 Hunter, CO4 Executive
1984		.C05 Standard, C07 Police Model
1987		.CO8 Harpy, CO9 CoPilot
1988		.2001 Pre-Diver, 2002 Probe
1989		.3001 Mini Mariner, 3002 Spyderkey (Hummingbird), CO7A Police Model (Aluminum), Embellishing by Yellow Horse on CO3, CO7 and CO9, Embellishing by Santa Fe Stone Works on CO1, CO4, CO7 and CO9
1990		.C10 Endura, C11 Delica, C15 Bob Terzuola (Aluminum), C14 Rescue, LBK LadyBug, 2003 Mini Probe, C12 Civilian
1991		.C13 Pro-Hunter (Pro-Venator), C16 Wayne Goddard, S001 Solo
1992		.CO7TI Police Model (Titanium), SO02 Solo, CO1BK Worker (Blak-Ti), CO7BK Police Model (Blak-Ti), C17 Catcherman, C18 Wayne Goddard Jr., Embellishing by G. Blanchard on C07 and C13
1993		.CO1COM Evolution Edition, C21 Merlin, C01ATU Worker (TUFRAM), C20 Baby Wayne Goddard, C07ATU Police Model (TUFRAM), C26 Snap-It, C19 Bob Terzuola Jr. (Aluminum), C24 Black Hawk (Aluminum)
1994		.CO9ATU CoPilot (TUFRAM), C28 Dragonfly, C22 Michael Walker, C29 Cricket, C27 Jess Horn, C25 Frank Centofante Jr. (Aluminum), C15G Bob Terzuola (G-10), C19G Bob Terzuola Jr. (G-10)
1995		.C23G Renegade (G-10), C24G Black Hawk (G-10), C30 Remote Release, C32 Spur, C33 Pro-Grip, S003 Solo (FRN), C03 Hunter (Modified), FB01 Bill Moran Featherweight, C34 Jess Horn II
1996		.C28 Dragonfly (Modified), C35 "Q", C36 Military Model, C37 Michael Walker Lightweight, C42 Howard Viele, C43 Delica II, C61 Pegasus, KX01 Kitchen Experimental I, KX02 Kitchen Experimental II
1997		C38 Jess Horn Lightweight, C40 Jot Singh Khalsa, C25 Frank Centofante Jr. (Modified), C47 Endura II, C08G Harpy (G-10), C07G Police Model (G-10), C12G Civilian (G-10), C16BK Wayne Goddard Lightweight, C41 Native, C41 Native II, C29BK Cricket Lightweight, C62 Navigator, C05 Standard (G-10), C48 Tim Wegner, C49 Tim Wegner_Jr., C52 Calypso Jr., C28 Dragonfly (Stainless Steel)
1998	••••	.C46 Bob Lum, C45 Rescue Jr., C45 Rescue Jr. (Stainless Steel), C39 Dyad Jr., C51 Rookie, LBKII Ladybug II, C10 Endura (Modified), C11 Delica (Modified), C14 Rescue (Modified), C14 Rescue (Stainless Steel), C54 Calypso, C53 Peter Herbst, C50 Frank Centofante, C36 Military (Modified)
1999	••••	.TO1 SpydeRench, MN07 Mini Police Necklace, 3C01 SpyderCard, C12SBK Matriarch, C12SGY Matriarch (Gray), C39 Dyad Jr. Lightweight, C41GPBL Blue G-10 Native, C52 Calypso Jr. Lightweight, C56 Zowada, C57 D'Alton Holder Toad, C67 "R", 204 Triangle Sharpmaker, Carbon Fiber Series (LadyBug, Cricket, Dragonfly, Dyad Lightweight), Concealex Moran Sheath, C55 Starmate, C58 J.D. Smith, C59 Shabaria
2000		C10 Endura (Modified), C10TR Endura Trainer, C11 Delica (Modified), C11TR Delica Trainer, C44 Dyad, C60 Massad Ayoob, C63 James A Keating Chinook, C65 Bob Lum Chinese Folder, C66 Frank Centofante Vesuvius, C68 Bram Frank Gunting, C68TR Bram Frank Gunting Trainer, FB02 Bill Moran Drop Point, TC07 Tie Clip, CT02 Large Knife Stand, CT03 Small Knife Stand, The Spyderco Story

...WITH SPYDERCO

first we made things sharp...

Spyderco sharpening tools are made of "High Alumina Ceramic," a U.S.A. made material with the ability to cut any metal known to man. It is formed when alumina particles (synthetic sapphires) are mixed with a ceramic bonding agent. The mixture is shaped and kiln-fired at temperatures in excess of 3000°F for up to three days.

Spyderco ceramics come in three grits (medium, fine and ultra-fine) none of which require lubricants such as oil or water for use. Each grit serves a different purpose in the sharpening process. The medium grit stone produces a good working edge by efficiently removing steel and reshaping the bevel of a dull cutting tool. The fine grit stone then tightens the scratch pattern, creating a razor-sharp edge. A polished and professionally finished edge

is achieved with the ultra-fine grit stone. All of our stones are dishwasher and autoclave safe. In addition, steel particles can be removed from any of the stones using a powdered abrasive cleanser and a nylon scouring pad.

The fine and ultra-fine grit stones are "closed-celled" (the particles that make them up are very dense) and will show little or no wear over time. The medium grit stones are "open-celled" (particles are less dense) and will wear only slightly over time. Although ceramics are hard materials - measuring up to 9.22 in hardness on the Mohs Hardness Scale - they may still be chipped or broken if not handled with care. Please note that our ceramics are guaranteed against manufacturing defects only.



A sharp knife makes cutting easier and safer. Spyderco's Tri-Angle Sharpmaker includes two sets of high alumina ceramic stones, a pair of medium grit (brown) stones for aggressive sharpening, and a pair of fine stones (white) for professional grade finishing. There is also a set of brass safety rods to protect the user's hand during sharpening. The corners of the triangular shape allow you to hone serrated edges. The flat sides are ideal for plain edges. The stones fit into keyed

holes and slots molded into the polymer base and have a 40° and 30° sharpening angle for knives and a 12.5° scissor setting. A groove running the length of the stone is for sharpening pointed objects like darts, awls and fishhooks. All components pack into the base and the lid snaps shut making the 204 self contained and small enough to carry in your shirt pocket. No lubrication is required during use for dry, mess-free sharpening. Includes instruction video and book.

Bench Stones

Available in three grits, fine, medium and ultra-fine. Because 302 benchstones are flat and broad they're highly effective for honing wide tools like plane irons, chisels and large blades. As with all Spyderco's ceramic sharpeners, the bench stones are used dry without oil or water. Each stone is sold separately and comes packaged in a rigid polymer storage case complete with non-skid rubber feet for tabletop use.

Model #	Stone Size	Medium Grit	Fine Grit	Ultra-Fine Grit	Type of Case
302M	2" x 8" x 1/2"				ABS Box
302F	2" x 8" x 1/2"				ABS Box
302UF	2" x 8" x 1/2"				ABS Box
303M	1" x 5" x 1/8"				Leather
303F	1" x 5" x 1/8"		•		Leather
303MF	1" x 5" x 1/4"				Leather
305M	1 15/16" x 3 1/4" x 1/4"				Leather

Pocket Stones 303 & 305M

Portable and versatile, Spyderco manufactures a variety of small pocket stones for field use and for honing small items. Each stone is sold separately, packaged in a leather carrying case and is sterilization/autoclave safe (great for dental tool sharpening).

The 303 Pocket Stone is palm-sized and sold individually in a medium or fine grit.

The 303MF DoubleStuff is made up of both grit stones sandwiched together with a bonding agent combining the best of both worlds.

The 305 Pocket Stone is available in medium grit only. The 305 stubby stone is Spyderco's smallest ceramic sharpener. You can take it anywhere.



Ceramic Files

Whether you're a jeweler, gunsmith or dental assistant these small stones fit the bill for detailed sharpening. Available in four distinct shapes (fine grit only): Round, square, triangular and slip. Stones are sold individually packaged in a plastic tube, or as a set of four in a snap-front suede pouch.



Model #	Stone Size	Fine Grit	Type of Case
400F	5" x 1/4"		Leather

Scilley "V"

Large Radius

Flat Surface

Small Radius

Bam!! Permanently bolt it to a kitchen or shop countertop and fulfill every professional chef's dream. Designed specifically for kitchen cutlery the Galley V consists of two 12 inch, fine grit "Cat's Eye" shaped stones (for serrated and plainedges alike) and an ABS plastic base. The stones sit at a 15° angle for a 30° knife bevel and rotate to four different positions allowing for varied contact with the knife blade. Also included is a poster depicting directions and sharpening techniques.



Profile 701 & 702

Model #	Stone Size	Med. Grit	Fine Grit	Type of Case
701MF	3/4" x 8" x 1/4"	•		Leather
701M	3/4" x 8" x 1/4"	•		Leather
701F	3/4" x 8" x 1/4"			Leather
702F	3/4" x 4" x 1/4"		•	Leather

SPIDERCOS

Galley "V"

THE ROLL OF THE REAL

Profile 701: Available in both fine and medium grits, ProFile stones sharpen knives, darts, and router bits. They also work wonders when de-burring machined items. The elliptical shape translates into four distinct sharpening surfaces, a flat surface and large radius for plain edges, a small radius for serrated edges and a groove for pointed tips. Includes instructions and suede leather pouch. The two grits are sold individually or can be purchased as a pair.

702MF: A half-sized version of the 701 Profile stones, available in both fine and medium grits. These 4 inch stones are your best friend for use outdoors, in the field, or on the range. Tucked away in a jacket pocket, tackle box or backpack they feature an elliptical shape with four distinct sharpening surfaces. No more excuses for dull fishhooks, knives, axes and other outdoor gear. The 702 outdoor pocket stones are sold separately or as a set packaged in a split leather case.





XXX

Endura

Steel handled knives offer several specific benefits.

They make excellent hard-use knives

by virtue of their heft and solidity and also offer a surface for custom engraving and embellishment. The C10 Endura has a modified skinning-style blade, stamped out of AUS-6 high carbon steel. It comes in two blade choices, a fully serrated SpyderEdge or an entirely PlainEdge configuration. A metal tip-up/tip-down clip provides a couple

of options for pocket carry.



When you hear the name Spyderco, the Endura model most likely comes to mind. It's the cornerstone of the knife industry and ignited the trend toward lightweight, reasonably priced folders with teeth and a clip. New for 2001: Enhanced tip strength, a deeper "well" mounting for the reversible clip (eliminating clip rotation) and the addition of the David Boye dent in the locking lever. Its trend-setting attributes include, a FRN handle, ATS-55 premium blade steel (available fully serrated, full PlainEdge or a 50/50 formation) and black ambi clip.

Endura C108K				
Blade SteelATS-55	Length Blade 3 15/16" 100mm			
Blade Thickness 1/8" 3mm	Length Closed 4 15/16" 125mm			
Diam. Blade Hole15/32" 12mm	Length Cutting Edge3 7/16" 87mm			
Edge Type. SpyderEdge, PlainEdge, 50:50	Length Overall 8 13/16 223mm			
Weight 2.90z 82g	Hardness Rc 59-60			

Endura Trainer CIOTR

What better way to gain proficiency in handling a folding knife than to train? Mastering the ability to open/close a knife one-handedly and use the tool spontaneously without premeditated thought is a skill acquired through practice. The C10TR Endura is the preeminent practice tool. A Trainer

(sometimes referred to as a drone) is an exact replica of a "live" knife, sans the sharpened edge and point. Identical in size, weight and function, a Trainer comes with a bright red handle differentiating it from the sharpened black-handled models, and has an

unsharpened round-tipped stainless steel blade.





The Co-Pilot is the ultimate travel knife. It goes where you do, rarely raising eyebrows. It is a small blade paired with a handle large enough to offer a respectable handhold. In essence it's a little guy that feels and cuts like a full-sized folder. Makes an excellent suit knife, money clip or gift.

Col	CoPilot C09				
Blade SteelATS-55	Length Blade2" 51mm				
Blade Thickness3/32* 2.5mm	Length Closed3" 76mm				
Diam, Blade Hole,7/16" 11mm	Length Cutting Edge.1 11/16" 42mm				
Edge Type SpyderEdge, PlainEdge	Length Overall5" 127mm				
Weight2.5oz 74g	HardnessRc 59-60				

Pro-Grip

It's stalwart, it's hardy and it's raring to go where you go. The lightweight FRN handle is textured with a Krayton strip for a better handhold. Tucked neatly under the integrated pocket clip is a thumbprint-sized pad of Krayton that keeps the folder from slipping while clipped in a pocket. The drop-point style blade takes on tough cutting jobs like they're a Sunday walk in the park. Whether it's City park or Denali National Park the C13BK is ready.

Pro-Grip C138K				
Blade SteelAUS-8	Length Blade 2 3/4" 71mm			
Blade Thickness1/8" 3mm	Length Closed 3 7/8" 98mm			
Diam. Blade Hole15/32" 12mm	Length Cutting Edge 2 5/8" 67mm			
Edge TypePlain Edge, 40/60	Length Overall6 5/8" 168mm			
Weight 1.90z 58g	HardnessRc 58-59			

Pro-Grip

If allowed just one descriptive word for the Pro-Grip it would be powerful. It's possibly the best overall outdoor field knife in the Spyderco lineup. The C13 features a drop point blade that is consistently thick from heel to tip. Available in a 60/40 serrated/plainedge combination, the blade readily takes on skinning, caping and aggressive cuts. Kraton insets on the handle (and clip) give the knife a spongy non-slip grip for use outdoors where hands are frequently cold, wet or gloved.





Catcherman

A big brazen folding filet knife that gives even the worst

fisher-person confidence that the big one is just waiting. The blade is flat ground, thinner near the tip and is semi-flexible for filleting. Mostly plainedged, the blade has a small section of serrations at the base for aggressive penetration when scaling or de-boning.

Rescue & Rescue Jr.

The consummate folder when you want to cut something, not someone. The Rescue's Sheepfoot blade is rounded at the tip for safe cutting. No point. This is a necessity for, emergency personnel (cutting seatbelts), rafters (using inflatables), ranchers (cutting around livestock) and marine applications (when cutting close to your hands while on a moving boat). The FRN handle is heavily textured providing some resistance for a firmer gripping surface. A diminutive version, the C45 Rescue Junior, is also available. Both size Rescue models come with black or high visibility orange handles.

Rescue C14				
	Length Blade			
Blade Thickness1/8" 3mm	Length Closed 4 9/16" 116mm			
Diam. Blade Hole1/2" 13mm	Length Cutting Edge3 1/4" 83mm			
Edge TypeSpyderEdge	Length Overall8 1/8" 206mm			
Weight 5 1/3oz 151g	HardnessRc 59-60			







Snap-It anywhere. Literally.
Clip it on a carabineer, vest, PFD,
bootlace or belt loop. The
Wichard-style snap shackle (like a dog

leash) allows for quick deployment yet keeps the knife out of the way till you needed it. The Snap-It comes with a safety-style Sheepfoot blade (round-tipped) of AUS-8.

This eliminates the likelihood of inadvertently puncturing yourself or gear while in motion. A number one choice for extreme athletes, divers, paddlers, climbers, bikers, and parachutists. Krayton inserts accentuate the handle for non-skid grip.

Remote Release

Sports fanatics of all kinds worship the Remote Release.

Like its brother the Snap-it, the C30 was designed for attachment above the waist for fast retrieval when you're seated or not positioned upright. The shackle clip (on the bottom end of the handle) is spring loaded and opens by way of a textured release pin (near the blade end of the handle). Made to accommodate gloved hands, the opening hole is larger and Krayton insets in the handle keep the knife from skidding around in your palm. A legitimate ambidextrous folder for any sports zealot.

G	ø	9	la
١,	lī	ľ	K
	٠	4	

Remote	Release C30
Blade SteelAUS-8	Length Blade3" 76mm
Blade Thickness	Length Closed 4 7/8" 124mm
Diam. Blade Hole15/32" 12mm	Length Cutting Edge 2 5/8" 67mm
Edge TypeSpyderEdge	Length Overall7 13/16" 198mm
Weight 2.5oz 74g	HardnessRc 58-59

Dragonfly C28BK

A real firecracker, the C28 packs explosive cutting power in a diminutive knife. Seriously lightweight with an ergonomic FRN handle that's decked out in a Volcano Grip texture. A finger choil positions your index finger in the 'sweet spot' for optimal cutting control. The FRN clip is an integral part of the handle letting the knife ride tip-up in the pocket.

Dragontly C28BK			
Blade SteelAUS-8	Length Blade2 5/16" 58mm		
Blade Thickness3/32" 2.4mm	Length Closed3 1/4" 82mm		
Diam, Blade Hole7/16" 11mm	Length Cutting Edge1 7/8" 48mm		
Edge Type SpyderEdge, PlainEdge	Length Overall5 7/16* 138mm		
Weight 1.2oz 33g	HardnessRc 58-59		

Dragonfly II

This is the lightweight C28BK Dragonfly's more brutish and heavier cousin. The C28 comes with a stainless steel handle and pocket clip. Chamfered corners along the handle's edge are smooth and rounded keeping the handle from biting into your palm when muscling down on a hard cut. The C28 is a fantastic gentlemen's folder with enough flat surface area for engraving and embellishment. This is one gift that won't be stuck in a sock drawer and forgotten.

Dragonfly II C28			
Blade SteelATS-55	Length Blade2 5/16 58mm		
Blade Thickness3/32" 2.5mm	Length Closed3 7/32 82mm		
Diam. Blade Hole 7/16" 11mm	Length Cutting Edge1 7/8" 48mm		
Edge Type SpyderEdge, PlainEdge	Length Overall5 7/16" 138mm		
Weight2.6oz 73g	Hardness Rc 59-60		

Cricket C29BK

Smooth, oval, altogether balanced, the Cricket is a tactile wonder. The reverse "S" blade gets down to business on delicate cutting jobs and craft projects. The handle features a bold Volcano grip, linerlock locking system and metal tip-down clip. The Cricket's curious egg-like shape feels at home in all size hands. It's small enough to clip to a shirt collar, use as a tie tack or a money clip.

 Cricket C298K

 Blade Steel
 ATS-55
 Length Blade
 17/8* 48mn

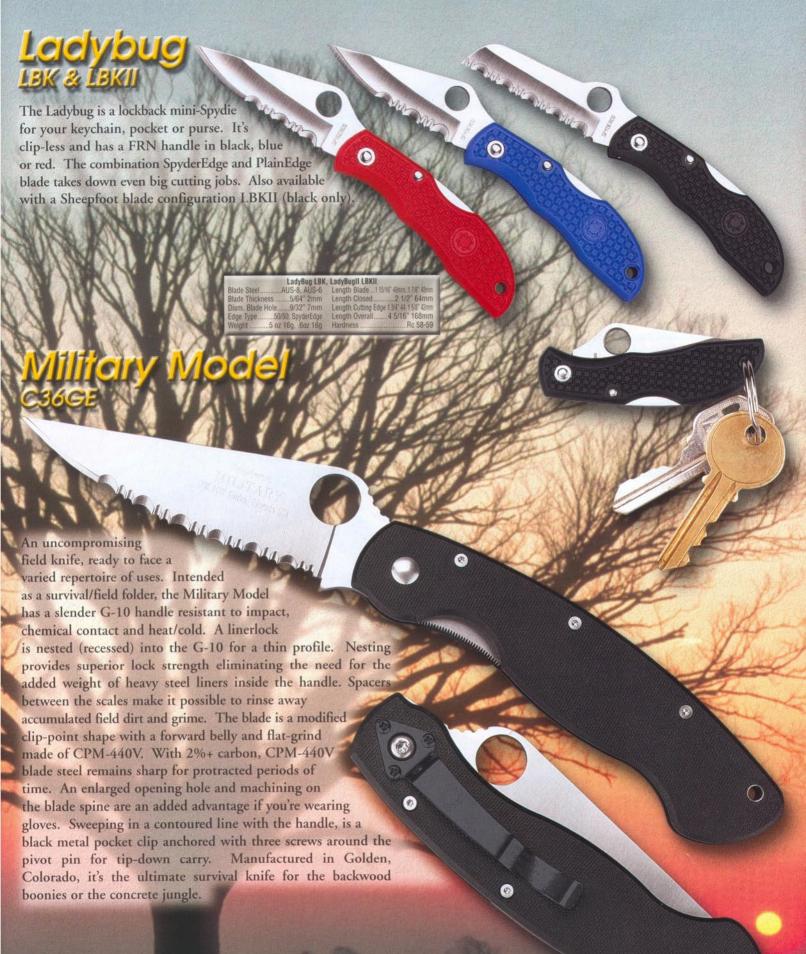
 Blade Thickness
 .5/64* 2mm
 Length Closed
 2/3/4* 70mn

 Diam. Blade Hole
 .7/16* 11mm
 Length Cuting Edge.
 11/16* 13mn

 Edge Type
 .SpyderEdge, PlainEdge
 Length Overall
 .4 11/16* 11mn

 Weight
 1
 25oz 36g
 Hardness
 Rc 59-6







Dyad Jr.

Spyderco's first leap into making traditional-style cutlery. This is Grandpa's old time two-bladed pocketknife gone space-age. One blade is a hollow-ground Sheepfoot shape with a SpyderEdge. The other, a flat-ground clip-point shape with a PlainEdge. Together the two blades add up to 5 inches of total cutting power.* Packed into a FRN handle (without a pocket clip) the blades open independently, as each has its own pivot pin.

*Not intended to be used with both blades open simultaneously.

Dyad Jr. Lightweight C39BK		
Blade SteelATS-55	Length Blade 2 1/4" 58mm	
Blade Thickness5/64" 2mm	Length Closed 3 3/32" 79mm	
Diam. Blade Hole3/8" 10mm Length Cutting Edge 216" 54nm, 2316" 58nm		
Edge Type SpyderEdge, PlainEdge	Length Overall5 5/8" 143mm	
Weight1.5 oz 42.5g	HardnessRc 58-59	

Dyad

Multi-bladed pocket knives are always small gentlemen's knives that fit in the bottom of a pants pocket amid car keys and change, right? Wrong! The full-sized Dyad proves this. It has two large blades, a fully serrated Sheepfoot style for high performance aggressive cuts and a PlainEdge Clip-point style for intricate and precision use. Both blades fit into a slender glossy Micarta handle with a jet black stainless steel pocket clip. Unmistakably a gentlemen's knife but also a seasoned field companion. The best of both worlds.

*Not intended to be used with both blades open simultaneously

المراول والمراول المراول المرا	NAME AND ADDRESS OF THE OWNER, WHEN PERSON NAMED IN
Dya	ad C44
lade SteelATS-55	Length Blade 3 3/8 3 3/4" 85 86mm
lade Thickness 3/32" 2.5mm	Length Closed 4 5/8" 118mm
iam. Blade Hole15/32" 12mm	Length Cutting Edge. 2 3/4" 3 3/8" 85 96mm
dge Type SpyderEdge, PlainEdge	Length Overall8 8 3/8" 205 212mm
/eight4.375oz 126g	HardnessRc 58-59



The C41BK fits your hand like a glove. A bi-directionally textured handle puts the stop on forward or backward slipping while choking up on the blade. Added to that is a deep finger choil and textured blade spine for commanding cutting control. The blade steel is high performance, 2%+ carbon CPM-440V

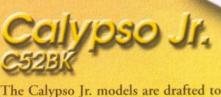
with a hollow-ground edge and a top swedge grind. Comes complete with a black ambidextrous clip. The Native is indigenous to the U.S. Made with pride in Golden, Colorado.

The Native's foreign cousin only outfitted with a stainless handle and AUS-10 blade steel. Imported from Japan.





Native II C41		
Blade SteelAUS-10	Length Blade 3 1/8" 80mm	
Blade Thickness 1/8" 3mm	Length Closed 3 15/16" 100mm	
Diam. Blade Hole15/32" 12mm	Length Cutting Edge 2 5/8" 66mm	
Edge Type 50/50	Length Overall	
Weight4.6oz 131g	Hardness	



The Calypso Jr. models are drafted to feel like a natural extension of your hand for decisive cutting control. The C52 is a performance driven design with a clean-cut appearance.

The C52BK lightweight has a FRN handle patterned in a fishscale design, interestingly three dimensional yet it affords remarkable grip. A flat-ground blade of VG-10 steel has a cusp point for thumb leverage. Custom knifemaker David Boye developed the crescent-shaped cutout in the locking lever. The cut away eliminates any anxiety of bearing down hard enough on the lock to inadvertently close the blade during use. A black metal pocket clip is imprinted with a gold Spyderco bug and positions the folder for tip-down carry.

Cellypso Jr. II

Tailored in identical dimensions and style, the C52 features a stainless steel handle. The finger choil on both versions provides a smooth transition between handle and blade and settles your hand into the proper cutting position. A hollow-ground blade of AUS-8 completes the package, which also carries in a tip-down position.

Calypso Jr. 1 C52		
Blade Steel AUS-8	Length Blade 2 7/8" 72mm	
Blade Thickness1/8" 3mm	Length Closed 3 15/16" 100mm	
Diam. Blade Hole7/16" 11mm	Length Cutting Edge 2 1/2" 63mm	
Edge Type . SpyderEdge, PlainEdge	Length Overall 6 11/16" 170mm	
Weight	HardnessRc 58-59	

Newlegation

An ongoing trend in the knife industry is to make smaller folders that are inoffensive and lightweight yet have enough blade strength and handle leverage to take on big cutting jobs. The Navigator is the solution. Above the round opening hole is a crown/cusp giving your thumb a stability point for additional leverage while making refined and detailed cuts. The aluminum handle features a series of cutouts which lessen the overall weight and along the bottom are a series of sculpted angles. These angles self-propel your hand and fingers to the knife's 'sweet spot' for an optimal balanced grip. The handle is coated in gunmetal blue Almite.

Mayin	ator C62
Blade Steel GIN-1	Length Blade 2 1/8" 54mm
Blade Thickness	Length Closed3 5/16" 84mm
Diam. Blade Hole1/2" 12mm	Length Cutting Edge 1 13/16" 47mm
Edge Type SpyderEdge, PlainEdge	Length Overall 5 3/8" 137mm
Weight 2oz 56g	Hardness Rc 59-60



CUSTOM COLLEGERATIONS

As part of our commitment to developing superior production cutlery, Spyderco would like to thank the following custom knifemakers for their time and expertise in designing these collaborations. This cooperative effort has enabled Spyderco to make custom-influenced

collectibles more affordable and available to our customers. We consider it an honor to work with these masters, and we embrace the opportunity to promote the art of knifemaking now and in the future.



Tim Wegner

.

It's 28 degrees, the sun's setting, you're on the mountain,

black clouds streaming into the valley below spitting snow. That's the good news. The bad....how are you going to field dress the monster elk you just bagged and get outta there? Tim Wegner found himself in this position and designed the C48 to fit his personal hunting knife requirements. The sturdy drop-point blade is ATS-34 and hollow-ground with a thick tip for precise skinning and caping. A full sized G-10 handle fits even large hands, feels comfortable in all grip positions and includes a strong LinerLock. Cross-texturing above the round hole allows for accurate thumb placement and precise edge control.

Peter Herbst css

A proven design in the field.

Wunderbar! Spyderco's first German collaboration. Peter Herbst integrates high tech components with Old World craftsmanship. With its linerlock, lightweight titanium handle and drop-point ATS-55 stainless blade the C53 is utilitarian but non-menacing when taken out and used in a crowd. A stylish combination of European tradition and sleek modernism.

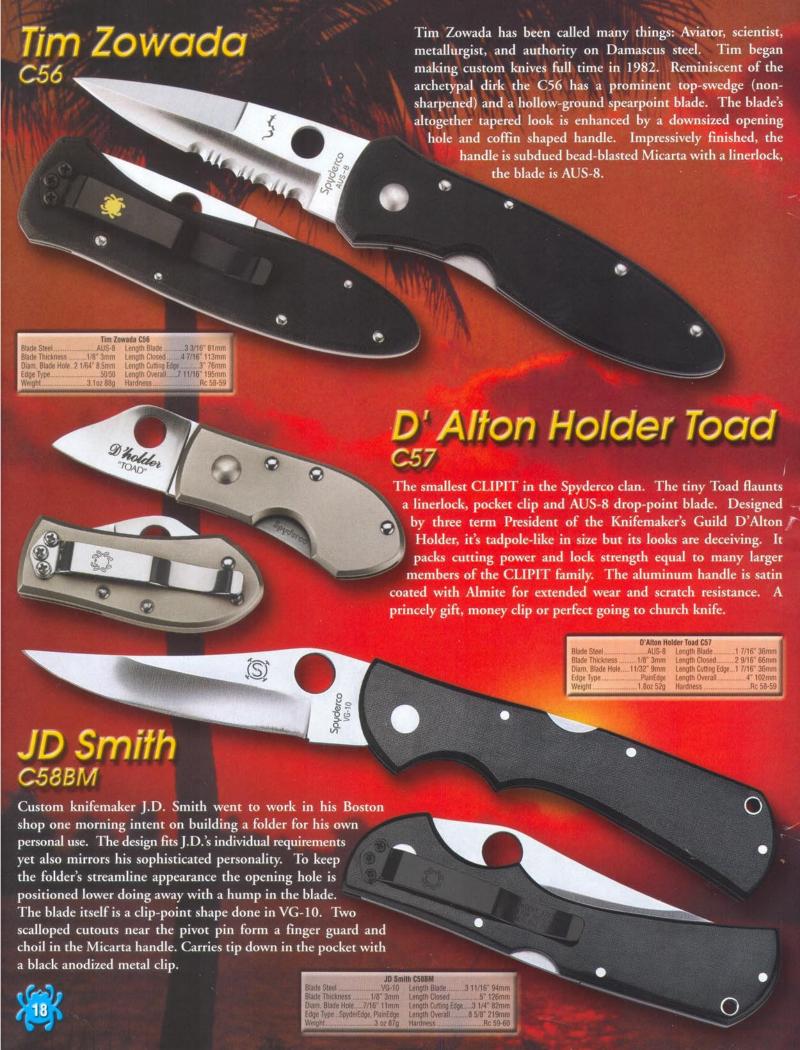
Bob Terzuola Starmate

Seasoned with a military countenance the Starmate has an ample authoritarian clip-point blade with a serious top swedge. The CPM-440V blade bears Bob Terzuola's trademark, the Mayan dragonhead Etz'Nab (god of edged weapons). An eccentric pivot pin allows precise adjustment of the linerlock and tang ramp. Marvelously thin, the G-10 handle is impervious to temperature fluctuations and is enlarged in the rear keeping the folder firmly in your palm while making a backward pulling cut.

Bob Terzuola Starmate C55G			
Blade Steel	CPM 440V	Length Blade	3 3/4" 96mm
Blade Thickness	5/32 5mm	Length Closed	5" 126mm
Diam. Blade Hole.	1/2" 13mm	Length Cutting Ed	ge3 5/8" 93mm
Edge Type	PlainEdge, 60/40	Length Overall	8 11/16" 221mm
Weight		Hardness	Rc 56-57

Herbst C53		
Blade Steel ATS-55	Length Blade 3 1/16" 78mm	
Blade Thickness 1/8" 3mm	Length Closed 4 3/32" 104mm	
Diam. Blade Hole 7/16" 11mm	Length Cutting Edge 2 7/8" 72mm	
Edge Type SpyderEdge, PlainEdge	Length Overall7 5/32" 182mm	
Weight 4 oz 13g	Hardness Rc 59-60	









Bill Moran Featherweights

Bill Moran is the most in demand cutlerysmith in America. His waiting list for a custom made piece exceeds 20 years. He is the father of modern Damascus steel and founder of the American Bladesmith's Society. The FB01 and FB02 Bill Moran Featherweight Fixed Blade models are modest and unpretentious in their ability and aptitude. Rather like Bill

and aptitude. Rather like Bill himself. The FB01 has an upswept blade shape the FB02 a drop-point blade. Both are made of VG-10 stainless done in a scalpel-like flat grind. Featherweights make a phenomenal camp utility knife and/or hunting companion. The

handles are FRN with rubbery Krayton insets. This is a decided bonus in the field when hands are frequently soaked, numb or gloved. They

are snuggly encased in a Concealex sheath equipped with a 6 position TekLock fastening system. Riding comfortably on clothing, a belt or pack the TekLock positions the knife in six separate

carry positions: Vertically, horizontally, inverted, cross-draw, open, or in the small of your back.

	atherweight FB01
Blade Steel VG-10	Length Blade 3 7/8" 99mm
Blade Thickness 1/8" 3mm	Length ClosedN/A
Diam. Blade HoleN/A	Length Cutting Edge 3 1/2" 89mm
Edge TypePlainEdge	Length Overall 8" 203mm
Weight30z 84g	HardnessRc 59-60

Bill Moran

Bit moran





Bram Frank Gunting C68/C68TR Blade St Blade TI Diam Bcdge Ty

The C68 design sprang from the mind of martial arts "Hall of Famer" Bram Frank. Most noticeable is the appendage on the blade. The ingeniousness of this blade shape is apparent in two ways: The appendage allows for kinetic opening of the blade by leveraging it against an object or opponent. In the closed position it can be used like a Yawara Stick with the cusp being applied to various pressure points on an adversary's body for non-lethal control. We've opted to use CPM-440V blade steel. New and noteworthy is the Spyderco Compression Lock. The lock

release is set into the top of a G-10 handle, functionally simple and indisputably strong.

The front of the handle and back of the clip feature divots/indentations for indexing for controlled

rotation of the knife during martial arts applications. It's available with an equal weight, fully functional trainer. Sold separately, the Trainer has a factory-dulled safety blade (with no tip or sharpened edge) of GIN-1

stainless steel and red G-10 handle.

Gunting Trainer C68TR		
	Length Blade 3 1/16 77mm	
Blade Thickness1/8" 3mm		
Diam. Blade Hole7/16" 11mm Length Cutting Edge		
Edge TypeN/A	Length Overall8 1/16" 205mm	
Weight5.7oz 161gg	HardnessRc 58-59	



Do you have a favorite kitchen knife? One you automatically reach for when opening the silverware drawer? Pro Culinaire knives have this ability, unconsciously becoming your best-liked kitchen knife. The Pro Culinaire line is a set of seven chef-grade pieces sold separately. All are made of MBS-26 high carbon stainless steel which demands little maintenance. The handles are made of a slip-resistant, bacteria-repelling polymer called Sermollan. Sermollan has an airy springy feel that pulls itself into your palm giving you a tighter grip and elevated control. Serrated edge models have a unique pattern called SpyderEdge Multi-Level Serrations. In essence, it's two levels of serrated teeth. Like a shark. When one row of teeth wears out, another row is just behind. New, razor-sharp, untouched and raring to go. The blade is thin, semi-flexible and passes effortlessly through food. Even frozen items. They're Spyderco's best kept secret.

Bracicl knifa

Zips through bread with two steps of SpyderEdge serrations. A rounded safety tip protects your hand while cutting. Sermollan handle.

Blade Steel

Edge Type

Weight

Bread Knife K01SBK

Blade Length. OverallLength.

Hardness.

15 3/8" 390mm

9 7/16: 239mm

.14.9/16° 370mm

Rc 60-61

.Rc 60-61

MBS-26

SoyderEdge

4.20z 119

e'a Knife

Mid-sized professional cook's knife that has a nice rocking motion on the blade for dicing, cubing and mincing. Available in PlainEdge with a black handle.

Spyderco

Carving Knife

Large ergonomic carving knife that's responsive in your hand. Comes serrated with a black handle.

	Carving Knife K03SBK		
Blade Steel	MBS-26	Blade Length	8 1/16° 205mm
Edge TypeSi	pyderEdge	OverallLength	13 1/4" 336mm
Weight 4	.0oz 115g	Hardness	Rc 60-61

K03SBK

Spyderco Cook's Knife KO2PBK Blade Steel MBS-26 Blade Length Edge Type .PlainEdge OverallLength 4.80z 136g Hardness



Utility Knife

Flat-ground, spearpoint style blade that's thin and flexible to pass easily through food. Available in a PlainEdge with a black handle or serrated with a black or blue handle.

Spyderco

Spyderco

Spyderco

Small Utility Knife

Smaller version of K04. It will become your preferred kitchen knife... guaranteed. Available in a Plainedge or SpyderEdge with a black handle. Also available with a red handle, serrated only.

Santoku KO8PBK

The Santoko is a Japanese-style cook's knife, similar in many ways to a butcher's knife. It's colossal enough to chop, dice and de-bone whole fruits, vegetables and roasts. For purchase with a black handle and PlainEdge.

Paring Knife

The bomb for intricate or artsy food preparation. It is scalpel-like for precision cutting such as pitting, peeling and paring. Comes in a PlainEdge with a black handle.

	Paring K	nife KO9PBK
Blade Steel	MBS-26	Blade Length2* 51mm
Edge Type	PlainEdge	OverallLength
Weight	0.7oz 20g	Hardness Rc 60-61

 Small Utility Knife K05

 Blade Steel
 MBS-26
 Blade Length
 4 1/2* 116mm

 Edge Type
 PlainEdge, SpyderEdge
 OverallLength
 8 7/8* 225mm

 Weight
 1.5oz 43g
 Hardness
 Rc 60-61

Santoku K08PBK Blade Steel MBS-26 Blade Length .6 7/8* 174mm Edge Type PlainEdge OverallLength .12 1/8* 307mm Weight 5oz 140g Hardness Rc 60-61



Mini Police Necklace

You carry a Spyderco in your pocket, how about around your neck? The MN07S is an operative lockback, pint-sized version of the adored Police Model folder. The titanium handle is water/shower proof and stamped with the Spyderco logo bug. With a mid lockback and an ATS-34 blade, this is more than just a pretty bauble. Sold gift-boxed on a 22" sterling silver chain. A fresh gift idea for the Spydie enthusiast who has them all.





Mini Police Mod	del Necklace MN07
Blade Steel ATS-34	Length Blade
Blade Thickness 1/16" 1.5mm	Length Closed 1 13/16" 46mm
Diam. Blade Hole5/32" 4mm	Length Cutting Edge1 3/16" 30mm
Edge TypeSpyderEdge	Length Overall 3 1/8" 79mm
Weight0.5oz 5g	HardnessRc 59-60

Tie Clip

"Everyone likes a sharp dressed man." Another miniscule working version of our well-established Police Model. The TC07S locks open via a solid back lock. Affixed to the back of the handle is an alligator-nose tie clip that grabs onto fabric and stays put. Guaranteed to add elegance and panache to business attire.

lip TC07
Length Blade 1 9/16" 40mm
Length Closed2 1/16 52mm
Length Cutting Edge1 1/4" 32mm
Length Overall3 5/8" 92mm
HardnessRc 59-60

Large & Small Knife Stands

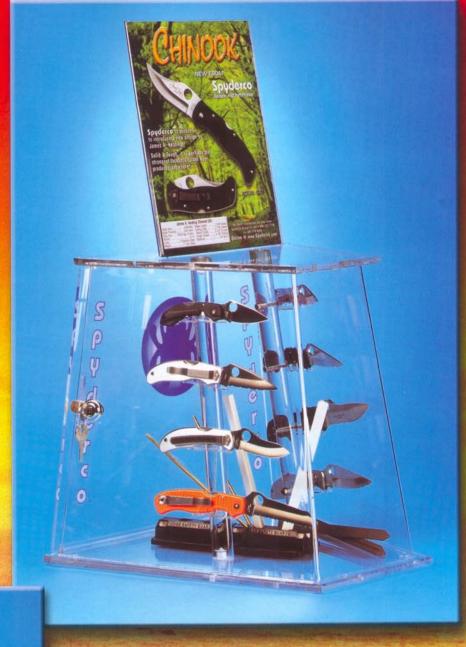


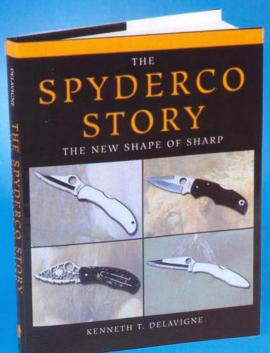
Little jewels. An attractive and original way to display your Spyderco stock. Each gem is multifaceted in a diamond shape, created out of sparkling clear Lucite that catches and reflects prisms of light. The Spyderco logo bug is engraved on the underside. An open knife blade fits into a slot propping the knife up at a 45° angle for visible presentation. Available in two sizes: Small (2 1/2 inch), large (3 1/2 inch).



Display Tower

Displaying your products in their best light increases your sales, no doubt about it! The Spyderco tower display case, parades eight knives in their open position and room for a sharpener in the bottom. Made of clear acrylic, it gives your customer a 360° view of what's inside. The Tower locks by means of an arm-lever locking bar (keys included) allowing you to leave your stock out on a countertop without the fear of it "sprouting legs and walking away". An 8 1/2 by 11 inch acrylic page frame snaps to the top for signage.





The Spyclerco Story

For the true and serious Spyderco Knife Knut. The Spyderco Story by Ken Delavigne covers: The history of Spyderco and its arrival onto the knife scene, manufacturing techniques, design development of models, materials and elements, business philosophies and more than you can imagine. Published by Paladin Press, it's 302 pages chock full of information and photos.



SpydeRench TOT

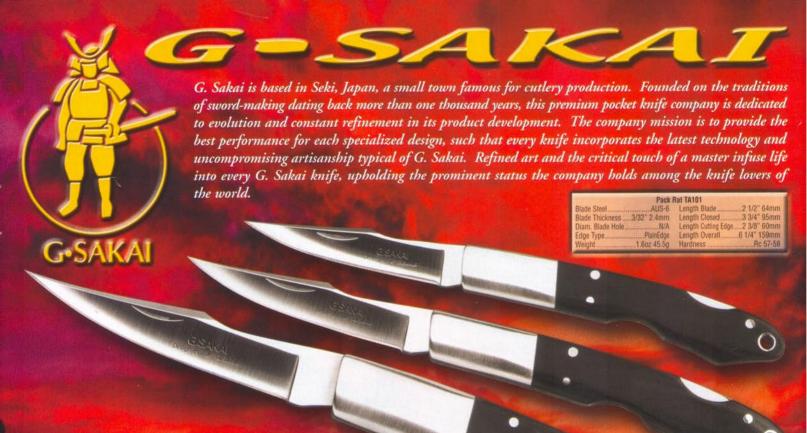
SpydeRench, a tool for the next millennium. The T01 SpydeRench includes a real Spyderco knife with a locking full-sized, one-hand open/close knife blade (440C premium stainless steel) and pocket clip, plus much more. Designed by an aerospace engineer in conjunction with Spyderco's research and development team, the T01 is made of investment-cast 17-4ph corrosion resistant stainless steel and features an adjustable wrench with an opening capacity of 9/16". On the opposite end, a two-setting slip joint plier fits comfortably in the hand due to the contoured casting. A set of four screwdriver bits tuck neatly inside, including a #2 and #3 Phillips head as well as a #1 and #2 flat head. The user friendly SpydeRench also accepts any standard sized bit

from your hardware store, including Allen and Torx® wrenches. In addition the T01 includes an extended (long-length) bit with a flat head and Phillips-style head enabling access into tight places (ideal for "tunneled" electronic repairs). This extended bit doubles as a diamond-coated file featuring a concave, convex and flat filing surface. A unique pivot pin allows the tool to rotate into an extended position which locks open creating a full-sized easy grip screwdriver and adjustable wrench. By releasing the pivot, the screwdriver and knife portion of the tool can separate from the adjustable wrench allowing both tools to be used simultaneously. Available in a PlainEdge, SpyderEdge or combination.





TO1 SpydeRench						
Blade Steel440C	Length Blade 2 1/2" 63mm					
Blade Thickness3/32" 2.25mm	Length Closed 4 5/8" 117mm					
Diam. Blade Hole15/32" 12mm	Length Cutting Edge 2 3/16" 56mm					
Edge Type: SpyderEdge, PlainEdge, 50/50	Length Overall7 3/32" 180mm					
Weight7.602 217g						



Bird & Trout Series

This classic bird and trout design offers ergonomic handling in three sizes. The thin hollow-ground blade features a point that tapers upward for precise control in even the most delicate cutting situations, while the sharpened false edge at the front end of the spine (just above the thumb nick) enhances the sleek appearance. This look continues into the extended brushed bolster, culminating at the contoured scales formed of linen Micarta. The handle also includes a traditional rear lock for security in the open position. Each knife has an overall slim profile and comes with a Cordura sheath.

Backpacker Series GS103/GS104

The Backpacker series delivers rugged outdoor performance in two convenient sizes. The sturdy lightweight cast zinc scales contain a rubberized inlay of Kraton for a confident grip, while a rear lock provides security in the open position. The clip-point blade is hollow-ground and includes a thumb nick near the tip. The durability of this traditional style makes it ideal for everyday carry.

G. Sakai is not available for export through Spyderco in all countries. Check with your Spyderco distributor for more information.

Backpacker GS103						
Blade SteelAUS-6	Length Blade					
Blade Thickness3/32" 2.4mm	Length Closed 3 3/8" 86mm					
Diam. Blade HoleN/A	Length Cutting Edge2 5/16" 59mm					
Edge Type PlainEdge, SpyderEdge	Length Overall					
Weight 2.6oz 73g	HardnessRc 57-58					

Blade Thickness 1/8" 3.2mm Diarn. Blade Hole N/A Edge Type	Length Blade 2 7/8 7/3mm Length Closed 4 1/4 108mm Length Cutting Edge 2 5/8 67mm Length Overall 7 1/8 181mm
Weight	HardnessRc 57-58

Fisher TA103	
US-6 Length	Blade
6mm Length	Closed 5 1/2" 140mm
N/A Length	Gutting Edge 3 1/4" 83mm
	Overall 9 1/16" 230mm
	Rc 57-58
	N/A Length N/A Length Edge Length

Backpacker GS104							
Blade Thickness1/8" 3.2mm Diam. Blade HoleN/A	Length Blade						
Edge TypePlainEdge, SpyderEdge Weight4oz 112g	Length Overall 6 7/8" 175mm Hardness Rc 57-58						



Martial Blade Craft For The Law Enforcement Professional

Martial Blade Craft (MBC) is a term that Spyderco uses to describe bladed combat arts. The term "knife fighting" is not only negative but quite unrealistic since "knife fighting" rarely occurs and is used more for Hollywood glamour. Martial Blade Craft is an art form that will one day find Olympic presence as does Judo and Fencing.

However, studied as an art form, Judo, Martial Blade Craft or any other martial art does have value in self defense, should the need arise. The purpose of any martial art is (or should be) to stop the bad guy from hurting the innocents.

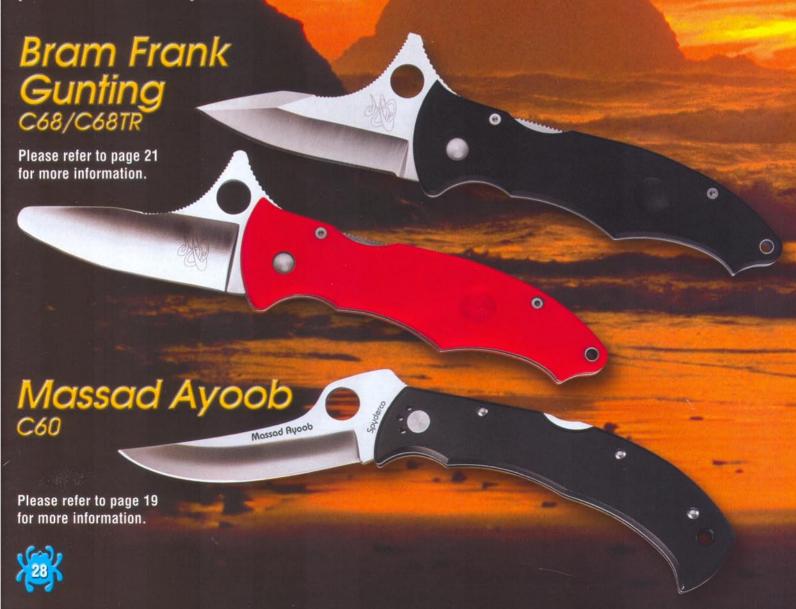
Though many knife manufacturers produce models for combative arts, it is not an area that Spyderco has in the past actively promoted. The models presented in this section were designed by and for Martial Blade Craft practitioners.

Fully functional trainers or drones are currently being produced for some models with others scheduled for future production. Trainers will be produced with red handles to differentiate them from a live blade

At Spyderco we have been asked why we don't make autos (switchblades). Here are our thoughts on that question:

- 1. Autos are more likely to accidentally open when you don't want them to.
- 2. Button releases are harder to locate under stress or with gloves on than our hole opener.
- 3. Autos can jump out of your hand if not held tightly.
- 4. With a hole opener one can open the blade partially, change your mind and close it all with one hand. Once an auto is activated it cannot be stopped. In the event that something does stop the blade it will not lock open.
- 5. Autos are illegal in most areas of the world to manufacture or carry.

Spyderco CLIPITS open swiftly, surely, with reliability and control.





STEEL ELEMENTS INFORMATION

CARBON (C)

1. Increases edge retention and raises tensile strength

2. Increases hardness and improves resistance to wear and abrasion

CHROMIUM (CR)

1. Increases hardness, tensile strength and toughness

2. Provides resistance to wear and corrosion

COBALT (CO)

1. Increases strength and hardness and permits quenching in higher temperatures

2. Intensifies the individual effects of other elements in more complex steels

COPPER (CU)

1. Increases corrosion resistance

MANGANESE (MN) 1. Increases hardenability, wear resistance and tensile strength

> 2. De-oxidizes and de-gasifies to remove oxygen from molten metal

3. In larger quantities, increases hardness and brittleness

MOLYBDENUM (MO) 1. Increases strength, hardness, hardenability, and toughness

2. Improves machinability and resistance to corrosion

NICKEL (NI)

1. Adds strength and toughness

PHOSPHOROUS (P) 1. Improves strength, machinability and hardness

2. Creates brittleness in high concentrations

SILICON (SI)

1. Increases strength

2. De-oxidizes and de-gasifies to remove oxygen from

molten metal

SULPHUR (S)

1. Improves machinability when used in minute quantities

TUNGSTEN (W)

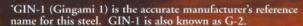
1. Adds strength, toughness and improves hardenability

VANADIUM (V)

1. Increases strength, wear resistance and increases toughness

STEEL CHART

STEEL	Carbon	Chromium	Cobalt	Copper	Manganese	Molybdenum	Nickel	Phosphorus	Silicon	Sulpher	Tungsten	Vanadium	HRC
0-1	0.85-1.00	0.40-0.60	-	-	1.00-1.40	-	0.30		0.50	-	-	0.30	57-62
W-1	0.70-1.50	0.15	-	-	0.10-0.40	0.10	0.20	-	0.10-0.40	-	0.50	0.10	57-64
A-2	0.95-1.05	4.75-5.50	-		1.00	0.90-1.40	0.30	E .	0.50	-	-	0.15-0.50	57-62
D-2	1.40-1.60	11.00-13.00	-	-	0.60	0.70-1.20	0.30	-	0.60	-	-	1.10	57-61
M-2	0.95-1.05	3.75-4.50	-	1750	0.15-0.40	4.75-6.50	0.30	-	0.20-0.45	7.1	5.00-6.75	2.25-2.75	60-65
W-2	0.85-1.50	0.15	-	-	0.10-0.40	0.10	0.20	_	0.10-0.40	-	0.15	0.15-0.35	57-64
L-6	0.65-0.75	0.60-1.20	-	-	0.25-0.80	0.50	1.25-2.00	(+)	0.50	-		0.20-0.30	57-62
1095	0.90-1.03	-	-	-	0.30-0.50	-	-	0.04	-	0.05	-	-	57-62
5160	0.56-0.64	0.70-0.90	-	-	0.75-1.00	-	111111111111111111111111111111111111111	0.035	0.15-0.30	23	-	-	57-60
E52100	0.98-1.10	1.30-1.60	-	-	0.25-0.45	-	-	0.025	0.15-0.30	0.025	-	-	57-62
420	0.15	12.00-14.00		-	1.00		120	0.04	1.00	0.03	-	-	52-56
420 MODIFIED	0.40-0.50	12.00-14.00	-	-	0.80	0.60	-	0.05	1.00	0.02	-	0.18	54-56
425 MODIFIED	0.40-0.54	13.50-15.00	-	-	0.50	0.60-1.00	-	0.035	0.80	0.03	-	0.10	56-60
440A	0.65-0.75	16.00-18.00		-	1.00	0.75	-	0.04	1.00	0.03	-	-	55-57
4408	0.75-0.95	16.00-18.00	-	70	1.00	0.75	-	0.04	1.00	0.03	-	-	57-59
440C	0.95-1.20	16.00-18.00	2	_	1.00	0.75		0.04	1.00	0.03	-	-	58-60
440XH	1.60	16.00	-	+	0.50	0.80	0.35	-	0.40	-	-	0.45	58-62
AUS-6	0.55-0.65	13.00-14.50	-	-	1.00	-	0.49	0.04	1.00	0.03	-	0.10-0.25	57-58
AUS-8	0.70-0.75	13.00-14.50	-	-	0.50	0.10-0.30	0.49	0.04	1.00	0.03	-	0.10-0.26	58-59
AUS-10	0.95-1.10	13.00-14.50	-	7.	0.50	0.10-0.31	0.49	0.04	1.00	0.03	-	0.10-0.27	59-60
GIN-1*	0.90	15.50	-	-	0.60	0.30	-	0.02	0.37	0.03	20	-	58-60
ATS-34	1.05	14.00	-:	-	0.40	4.00	-	0.03	0.35	0.02	-	-	59-61
154CM	1.05	14.00	U756	7	0.50	4.00	7.	-	0.30	-	70	-	59-61
ATS-55	1.00	14.00	0.40	0.20	0.50	0.60	-	-	0.40	-	4:	-	60-62
VG-10	0.95-1.05	14.50-15.50	1.30-1.50	-	0.50	0.90-1.20	(#I	0.03	0.60	70	-	0.10-0.30	60-62
BG-42	1.15	14.50	-	-	0.50	4.00	-	-	0.30	-	-	1.20	61-63
MBS-26	0.85-1.00	13.00-15.00	-	-	0.30-0.60	0.15-0.25	-	0.04	0.65	0.01	- 1	-	57-59
MRS-30	1.12	14.00	-	-	0.50	0.60	-	7.	1.00	-	-	0.25	59-61
CPM(T) 440V**	2.15	17.00	-	-	0.40	0.40	-	-	0.40	20	=:	5.50	55-57
CPM 420V**	2.30	14.00	-	-	-	1.00	-	-		-		9.00	56-58
CPM 10V**	2.45	5.25	-	2	0.50	1.30	-	7	0.90	0.07	-	9.75	56-58
CPM 3V**	0.80	7.50	-	-	-	1.30	-	-	-	-	-	2.75	58-60
SANDVIK 120C	-	14.00-14.50	-	-	0.35	7.	151	- Zin	0.35	.55	55.	-	54-56
HITACHI SHIROGAMI 1	1.30	_	-		0.20	-	-	0.025	0.10	0.04		-	63-64
CRB-7	1.10	14.00	-	7.	0.40	2.00	-	-	0.30	, =	-	1.00	59-61
MVS-8	0.85	14.00	-	-	0.50	2.50	-	-	0.50		=	0.15	57-61
VASCOWEAR	1.12	7.75		-	0.30	1.60	- 1	7	1.20	-	1.10	2.40	59-61





[&]quot;The process used to manufacture particle metallurgy permits unusually high carbon and vanadium content.

STEEL PRODUCTION & PROPERTIES

The following provides a very brief overview of steel treatment and properties:

By definition, steel is a combination of iron and no more than 2% carbon. Steel is alloyed with various other elements that combine to produce special properties. Once a particular **alloy**₁ combination (or steel type) is selected, specific procedures are used to maximize the unique qualities required for that steel to perform. Generally speaking, the process for converting a steel alloy into a premium knife steel is **heat treating**₂.

Heat treatment is the most important stage in the evolution of an alloy into a performance knife steel. The first step in the heat treatment process is to reach a **critical temperature**₃. This temperature is held for a specific amount of time (depending on the steel being hardened) and causes the steel to become **austenetized**₄. Heat treatment is one of many factors that determines the **grain size**₅ of the steel (a fine grain structure is more desirable for knife blades because it improves edge retention and enhances blade finish).

Next, the steel is quenched to achieve its maximum level of hardness7. At this point, the steel is too hard and brittle for practical use and thus tempering, is of key importance in bringing the steel to its ideal hardness level (different knife steels perform best at different levels of hardness). Tempering also increases wear resistance and toughnesso properties. When tempering, it is important to understand the interaction between hardness and toughness. increase in hardness is usually accompanied by an increase in yield strength₁₀ and tensile strength₁₁ and a decrease in impact strength₁₂ and ductility₁₃. An increase in toughness is usually accompanied by the opposite effect (i.e. an increase in toughness and ductility and a decrease in yield strength and tensile strength). Therefore, highimpact knives such as swords or machetes would benefit from a softer blade (to avoid blade breakage), while lowimpact knives such as pocket knives may benefit from a harder blade (to improve wear resistance). Once tempering is complete, the final hardness of the steel can be determined using a Rockwell Test₁₄.

For more detailed information on the above processes and properties, we recommend the following references that were used to compile this information: *Metallurgy*

Fundamentals by D. A. Brandt (published by Goodheart-Willcox) and *Heat Treaters Guide* by P. M. Unterweiser (published by ASM).

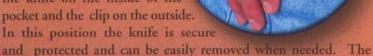
- **1.** Alloy a material that is dissolved in another metal in a solid solution; a material that results when two or more elements combine in a solid solution.
- **2. Heat Treating** heating and cooling metal to prescribed temperature and the limits for the purpose of changing the properties and behavior of the metal.
- **3. Critical Temperature** the temperature at which steel changes its structure to austenite in preparation for hardening.
- **4. Austenetized** the basic steel structure state in which an alloying is uniformly dissolved into iron.
- **5. Grain Size** the physical size of the austenite grains during austenizing. The actual size can vary due to thermal, time and forging considerations.
- **6. Quenched** rapidly cooled from the critical temperature using water, oil, air, or other means.
- **7. Hardness** the resistance of a steel to deformation or penetration analogous to strength.
- **8. Tempering** reheating to a lower temperature after quenching for the purpose of slightly softening the steel, precipitating carbides, stress relieving.
- **9. Toughness** the ability of a material to resist shock or impact.
- **10. Yield Strength** the point at which a steel becomes permanently deformed; the point at which the linear relationship of stress to strain changes on a Stress/Strain curve.
- 11. Tensile Strength indicated by the force at which a material breaks due to stretching.
- **12. Impact Strength** the ability of a material to resist cracking due to a sudden force.
- **13. Ductility** the tendency of a material to stretch or plastically deform appreciably before fracturing.
- **14. Rockwell Test** a measurement of steel hardness based on the depth of penetration of a small diamond cone pressed into the steel under a constant load.



Why the Clip

The original Spyderco CLIPIT was introduced in 1981. We

were the first company to use the clothing clip as part of our knife design. The clip is located on one side of the knife handle and allows you to securely attach the knife to a pocket or other convenient location for easy access. CLIPITS are designed to be carried with the knife on the inside of the



knife sits flat along the inside of the pocket for comfortable carry regardless of size.

Clip placement also determines whether the tip of the knife blade points up for tip up carry or down for tip down carry. Carry configuration depends on the overall knife design. Each carry configuration requires a different accessing technique, though both work equally well. The clothing clip is now a popular folding knife feature industry-wide. Spyderco alone makes a wide variety of clip styles.





Why the Trademark Round Hole?

The Spyderco Trademark Round Hole is the industry symbol of quality. It is our most recognizable feature and facilitates easy opening and closing of our knives with

one hand. The hole offers control while opening as well as accommodating large, small and gloved hands. the blade and the fact that it is round allow for

continuous opening motion. The thumb rests comfortable distance from the palm permitting easy rotation from To open the knife using the hole, place the knife in your open hand at the base of your fingers and grasp the clip side of the handle with the tips of your fingers. Rest the pad of your thumb in the hole, then gently and smoothly slide the blade away from the handle (see right). When a solid click is heard, the knife is locked in the open position (note that the blade should always be locked securely in the

full open position before use).



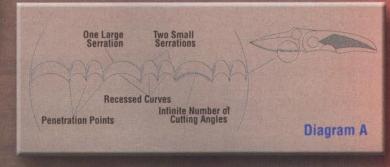




To close a folding knife that includes a front lock, simply turn the open knife in your hand so that your fingers are on the open side of the handle and your thumb rests on the lock release. Making sure that your index finger is located as high as possible on the handle, release the lock by pressing with your thumb, a gentle flick of the wrist may be necessary. The kick (the unsharpened portion at the base of the blade) will fall onto your index finger protecting your hand from the cutting edge. Rotate the knife so that it is sitting at the base of your fingers with your fingertips on the clip side of the handle (the opening position). Place your thumb pad in the hole or on top of the blade spine and glide the blade safely to the closed position. (see diagram). Slightly different closing procedures are used with other locking mechanisms. All closing mechanisms require the utmost caution and care. In many Spyderco models, the hole forms a hump on the top of the blade that serves as a thumb rest for increased cutting control.

Why the SpyderEdge

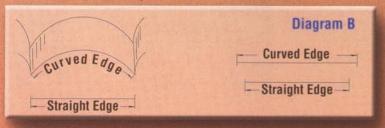
Why does Spyderco manufacture SpyderEdge (serrated) blades? Because serrations improve cutting ability. The tips of the serrations provide single point penetration at the same time the center of effort rotates around each serration for an infinite number of cutting angles, increasing the cutting edge length by up to 10% (Diagram A).





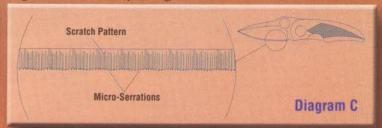
Why the SpyderEdge? Continued

A serration is a sharpened recessed curve along the edge of the blade and has more linear cutting surface than a straight edge in the same space (Diagram B).



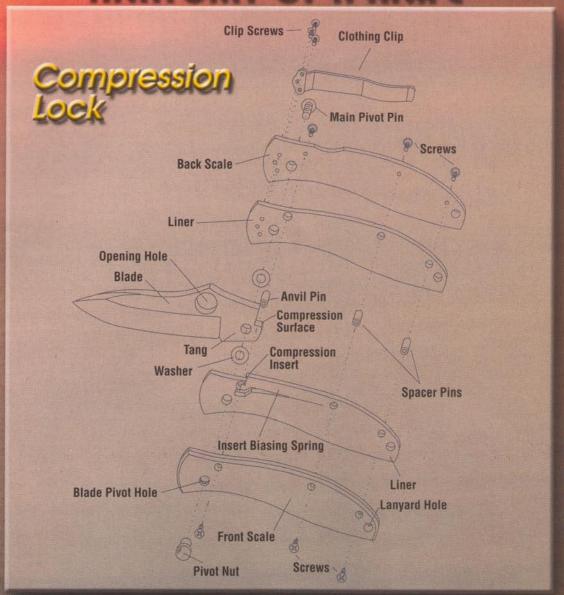
And, serrations improve edge retention because the tips initiate the cut easing the amount of force required by the recessed edges. The points actually protect the sharp inside curves that continue the cut, thus the curves have less wear over time. Our signature SpyderEdge, also referred to as a two-step serration, incorporates a repeated pattern of one large and two small serrations (Diagram A).

There have been many variations of serrated edges produced over the years. Even a properly sharpened plain edge will exhibit vertical scratch patterns with "micro-serrations" that enable the edge to cut efficiently (Diagram C).



Overall, the SpyderEdge provides the most efficient cutting performance in a serrated edge. We recommend it for all your aggressive jobs such as cutting rope, seat belts, cardboard, rubber hose and leather. With proper cutting technique, the SpyderEdge can function equally well for fine-skilled tasks such as skinning, cutting paper and slicing. The SpyderEdge is easily maintained with our Tri-Angle Sharpmaker or ProFile sets.

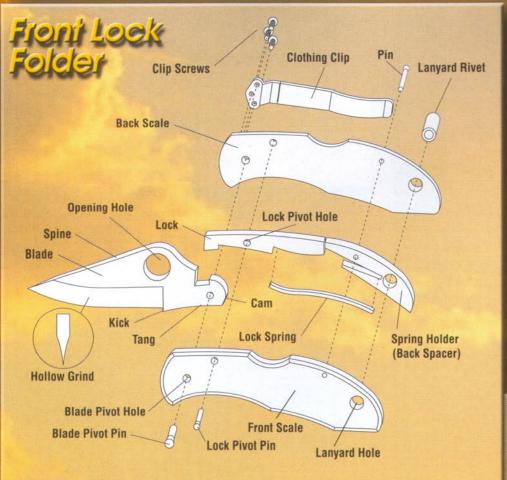
ANATOMY OF A KNIFE*

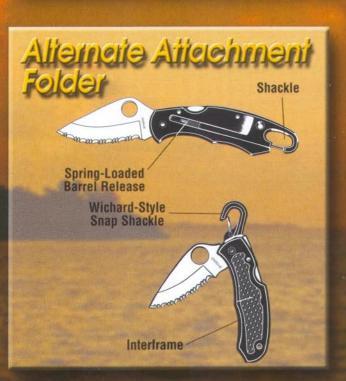


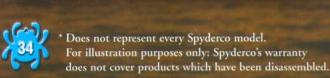
* Does not represent every Spyderco model. For illustration purposes only; Spyderco's warranty does not cover products which have been disassembled.

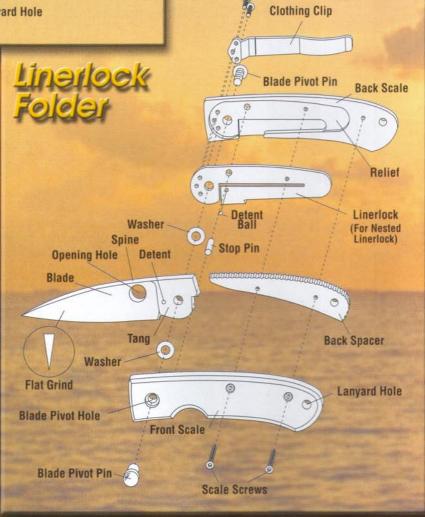


ANATOMY OF A KNIFE CONTINUED*









Clip Screws

Edge-U-Cation Care

Spyderco knives are an investment. Knives are designed to perform one particular function, that is cutting. With that in mind Spyderco uses high-carbon steel exclusively. Highcarbon premium steels provide superior edge retention but can rust if not correctly cared for (rust is rarely the result of a manufacturing defect). Rust may form when your knife is used in a salt water environment or exposed to moisture in general. If surface rust appears, buff the steel with a metal polishing compound before the steel becomes pitted. Thoroughly rinse salt water off with fresh water, dry your knife completely (inside and out) and apply a light coat of oil or silicone to all steel parts. To ensure safe operation regularly inspect the interior of the knife for pocket lint and grime. Clean both the well of the lock and inside of the handle often using a toothpick, hot water and a mild soap or detergent. Rinse thoroughly, dry the knife inside and out and lubricate all steel components with oil or silicone. A couple drops of lubricant at the locking and pivot points will ensure smooth action.

Always Keep Your Knife Sharp

A sharp knife makes cutting easier and safer. The longer a knife goes without edge maintenance the more difficult sharpening becomes. You can easily uphold your factory edge (plain and serrated) at home with Spyderco's Tri-Angle Sharpmaker or ProFile set. You also can return your knife to Spyderco's corporate headquarters for complimentary sharpening for as long as you own it. The charges involved in shipping the knife to us are the responsibility of the owner. If we determine that your edge is irreparable or damaged beyond our repair abilities our Warranty and Repair Department will contact you.

Our Warranty

If you have not seen our warranty policy for awhile or would just like an update.....read on. We make high-performance quality products. If you have problems with any Spyderco product, we would like to hear about it. Your input and questions are important to us. Knives are designed as cutting tools. Use of your knife for any purpose other than cutting is considered abuse. As with any tool, you may exploit their value prematurely or they may fail to perform if not used or cared for properly. Spyderco warrants that all of our products are free from defects in material and workmanship. Spyderco's warranty does not cover damage caused by abuse, misuse, improper handling, alteration, accident, neglect, disassembly, or improper sharpening. If a knife fails to function as it was designed we will examine its

condition upon its return to us, identify why it failed and respond in an appropriate manner. If we determine that there is a defect in the manufacture or materials we will gladly repair, or replace that product with the same model or one of equal value. If the problem is determined not to be caused by defects in manufacture or materials we will inform you of the cost for repair. Upon agreement and payment we will perform the repair. If we are unable to improve the condition of the knife, we will return it to you with the recommendation that it be retired from use. Please direct all inquires regarding warranties to our mailing address, toll free number, fax, email or URL. Packages directed to Spyderco should be sent UPS or registered mail (for tracking purposes should your knife fail to arrive at our offices). Please include your complete name, UPS deliverable street address (no P.O. boxes please), daytime phone number and a description of the concern. All costs associated with the shipment of the product are the responsibility of the knife's owner.

> Phone: 800-525-7770 or 303-279-8383 Fax: 303-278-2229 or 303 277-1429

> > Spyderco Inc. Attention: Warranty and Repair 20011 Golden Gate Canyon Road Golden, Colorado 80403

Email: custsvc@spyderco.com www.spyderco.com

Patents & Trademarks

The following marks are recognized trademarks of Spyderco, Inc.: Advntr, Black Hawk, Calypso, Calypso Jr., Catcherman, Civilian, Clip-Kit, CLIPIT, CoPilot, Cricket, Delica, Delica II, Double Stuff, Dragonfly, Dyad, Dyad Jr., Edge-U-Cation, Endura, Endura II, Evolution Edition, Executive, Galley "V", Harpy, Hummingbird, Hunter, LadyBug, LadyBug II, LBK, Mariner, Merlin, Military Model, Mini, Dyad, Mini Mariner, Mini Probe, Native II, Navigator, Pegasus, PlainEdge, Police Model, Pre-Diver, Probe, Pro Culinaire, ProFile, Pro-Grip, Pro-Venator, "Q", Remote Release, Renegade, Rescue, Rescue Jr., Rookie, SecureLock, SecurLok, Snap-It, Solo, Speed Sleeves, SpringClip, SpringLock, Spur, Spyderco Trademark Round Hole, SpyderEdge, Spyderkey, SpydeRench, Standard, Starmate, Tri-Angle Sharpmaker, Volcano Grip, and Worker. The following slogans are recognized trademarks of Spyderco, Inc.: "First We Made Things Sharp... Then We Made Sharp Things", "High Performance Matter Separators", "Integrity is Being Good Even if No One is Watching", "Quality is the Product of a Good Attitude", and "Those Who Know Carry Spyderco. Inc.: G. Sakai, Native, Spyderco, Spyder Bug Design, Round Hole Design, and "All God's Critters Have Knives". Spyderco, Inc. products are covered by one or more of the following patents: D333081, D333251, D337253, D344006, D349837, D353988, D379294, D381060, D382189, D382459, D386664, D387966, D388150, D389389, D389718, D391465, D401129, D402177, D402178, D402524, D403567, D404990, D406038, D411431, D411790, D418383, D419336, D421378, D422871, D422875, D425871, DE39041584A1, DE3834295A1, DE49910779, GB2084058, JAP999819, JAP99820, JAP2661729, T92628, T64596, T64645, T102268, T105780, 1130567, 4070011, 4231194, 4347665, 4640058, 4776094, 5379492, 5432968, 5580019, 5615484, 5628117, 5689890, 5704129, 5799400, 5884467, 5920935, 5928069, 5983506, and 5964036. Other U.S. and foreign patents pending.

Blak-Ti, Cordura, CPM, Crucible, Kevlar, KRATON, Kydex, Linerlock, Micarta, Santoprene, TUFRAM, & 440V are registered trademarks of their respective holders.

Michael Walker is the inventor of the ball bearing detent that is used to keep the blade in a Linerlock closed. H. McBurnette and Al Mar are credited with the positive front lock design. The SecurLok is a Frank Centofante design.

Copyright © 2000. All rights reserved. All product names, art and text herein are the property of Spyderco, Inc. and may not be reproduced in part or whole without the sole written permission of Spyderco, Inc.



GLOSSARY

ABS: A black thermosetting polymer with high impact strength.

Almite: A microscopically thin Teflon-like coating adhered to aluminum. It provides scratch resistance and can be tinted into most any color.

Bi-Directional Texturing: The tradmarked name of the texture pattern used on our C41BK Native and C52BK Calypso Jr. Lightweight models. The texture is molded into the fiberglass reinforced nylon handle and is a series of graduating, forward and backward steps which radiate from the center of the handle. The graduated steps offer slip resistance in the hand when gripped.

Carbon Fiber: A woven composite of graphite fibers fused in an epoxy resin. It provides a light weight high strength material. Often it has a three dimensional or hologram-like appearance.

CLIPIT: Is a trademarked name for any of Spyderco's folding knives featuring a pocket clip. The CLIPIT is an original Spyderco design and a CLIPIT fan is often referred to as a "Clipiteer"

ClipPoint Blade: A blade which is ground on the top (spine) in an angled/sweeping line downward and the sharpened edge (underside) is ground in an arc from underneath, upward. The two angles meet at the tip. Depending on where the two angles meet determine the depth of the blade's belly.

ComboEdge: A name for a knife blade which features a combination of both serrations (SpyderEdge) and a plain or non-serrated edge (PlainEdge) on the same blade.

Compression Lock: A new lock created by Spyderco. The lock functions by inserting a piece of material, which is then compressed between the tang and stop pin.

Concealex: A thermoplastic developed for the knife and firearms industry. It is thin, resistant to chemicals, oils and solvents. It's flexible, has shape retention and can be blended to make various colors and texture patterns. Spyderco used Concealex as a sheath material for the FB01 and FB02 Bill Moran Fixed Blade sheaths.

Fiberglass Reinforced Nylon Resin (FRN): A nylon polymer mixed with glass fiber which can be injection molded into a handle.

G-10: An epoxy filled woven "E" glass composite reinforced with glass fiber that gives exceptional strength and resistance to fractures in extreme temperatures. It comes in a variety of colors, but is most commonly seen in black.

Hawkbill Blade: A blade shaped with a sharply curved hook, rather like a talon. The inside edge of the curve is where the sharpened cutting edge is located. This blade shape is popular with commercial fishermen and the construction industry. This blade shape can be found on the C08 and C08BK models.

Kraton: A black thermoplastic polymer which feels springy and rubbery. It's used as a flexible inlay to enhance grip.

Micarta: A composite of linen or paper fabric in an epoxy resin that provides light weight, durability and visual appeal. Can be bead blasted for a matte finish or highly polished to a glossy finish.

Mother of Pearl: An ultra-thin layer of mother of pearl is affixed to G-10 and used as inlaid decorative handle scales on several Spyderco models including the C66 Vesuvius.

PlainEdge: Spyderco's name for a knife blade which is non-serrated and has a straight edge with no serrations or teeth.

Reverse S Blade: A blade shape resembling a backward "S". The blade tip curves downward, and the deep belly of the knife curves in the same direction but not as deeply as the tip. The design philosophy behind this is for slashing and is found only on the C12 Civilian and C12BK Matriarch models which are made for law enforcement professionals.

Sermollan: A long-lasting rubberized plastic which offers secure grip and resistance to bacteria.

Sheepfoot Blade: A sheepfoot blade has a rounded end with no sharp or penetrating tip. Originally developed for the marine industry, the blunt tip's benefits are apparent when working on a fishing boat or around livestock when there's an increased chance of dropping the open knife or inadvertently stabbing oneself or a moving animal. It has found a following with rescue personnel as well, for cutting around accident victims. This blade shape is found on the C14, C45 and C26 model CLIPITS.

SpyderEdge: Spyderco's name for our serrations or a blade with a serrated edge.

Titanium: A non-ferrous metal used for its high tensile strength, light weight and corrosion resistance. Can be colored through an electronic process.

Volcano Grip: Our trademarked name for the texture which is molded into a fiberglass reinforced nylon resin handle resembling a waffle pattern. The small raised squares in the pattern offer enhanced hand grip.



PRODUCT INDEX - BY NAME

R - B Backpacker GS103 & GS10427 Bench Stones 3023 Bill Moran Featherweight FB01 21 Bill Moran Drop Point FB0221 Bird and Trout Series TA101-103 27 Bob Terzuola Starmate C55G17 Bob Lum C4616 Bob Lum Chinese Folder C6520 Bram Frank Gunting C6821 Bram Frank Gunting Trainer C68TR 21	E - G Endura C10/C10BK/C10TR Fisher TA103 Frank Centofante Vesuvius C66 G. Sakai Galley "V" 600F H - L Harpy C08S Howard Viele C42 James A Keating Chinook C63 JD Smith C58BM	27 20 27 4 5 16 19	Peter Herbst C53 Pocket Stones 303 & 305M Police Model C07/C07G Pro Culinaire ProFile 701 Profile Small 702 Pro-Grip C13/C13BK P - R Remote Release C30 Rescue C14BK/C140R Rescue Jr. C45BK/C450R	3 5 22-23 4 4 8
Calypso Jr. C52/C528K15	Knife Stand Large CT02 Knife Stand Small CT03		Road Runner TA102	21
Catcherman C179	LaidyBug LBK	12	S - T	Mary No.
Ceramic Files 400F4	LadyBug II LBK II	12	Santoku K08	
Civilian C12G29			Shabaria C59 Sharpeners	
CLIPITS5-27	און איייאיון אייייאין אייייאין אייייאין איייי	10	Small Utility Knife K05	
CoPilot CO98 Cricket C298K11	Massad Ayoob G60 Matriaren G128K	19	Snap-It C26	10
Cusiom Collaborations15-21	Marlin COSBX		SpyderCard SC01	
2322311 2311323131313 11111113	Military Model Casse	12	SpydeRench T01	26
D	Mint Police Necklace MN07	24	The Spyderco Story	25
D' Alton Holder Toad C5718		-	Tie Clip TC07S	
Delica C11/C118K/C11TR7	N - P	4.4	Tim Wegner C48 Tim Zowada C56	
Display Tower CT0125	Native C41BK		Tri-Angle Sharpmaker 204	
Dragonfly C28/C288K	Navigator C62		m migro onarpinanor 201	
Dyad Jr. C39BK13	Pack Rat TA101		U - Z	
2)22 31 33321 111111111111111111	Paring Knife K09		Utility Knife K04	23
204 Tri-Angle Sharpmaker	C39BK Dyad Jr.		FB01 Bill Moran Featherweight .	21
302 Bench Stones3	C41 Native II	14	FB02 Bill Moran Drop Point	21
303 Pocket Stones3	C41BK Native		GS103 Backpacker	27
305M Pocket Stone3	C42 Howard Viele		GS104 Backpacker	21
400F Certamic Files4	C44 Dyad		K01 Bread Knife K02 Cook's Knife	
600F Galley "V"4 701 ProFile4	C46 Bob Lum		KO3 Carving Knife	
702 Small ProFile4	C48 Tim Wegner		KO4 Utility Knife	23
CO7/CO7G Police Model5	C52 Calypso Jr. II	15	K05 Small Utility Knife	23
CO8S Harpy5	C52BK Calypso Jr		KO8 Santoku	23
CO9 CoPilot8	C53 Peter Herbst		KO9 Paring Knife LBK LadyBug	23 19
C10/C10BK/C10TR Endura	C55G Bob Terzuola Starmate	The second secon	LBK II LadyBug II	12
C12G Civilian29	C57 D' Alton Holder Toad		MN07 Mini Police Necklace	24
C12BK Matriarch29	C58BM JD Smith	The second second	SC01 SpyderCard	20
C13 Pro-Grip II8	C59 Shabaria		T01 SpydeRench	26
C13BK Pro-Grip8	C60 Massad Ayoob		TA101 Pack Rat	21 27
C14BK/OR Rescue9	C62 Navigator		TA102 Road RunnerTA103 Fisher	27
C17 Catcherman9 C26 Snap-lt	C65 Bob Lum Chineese Folder		TCO7S Tie Clip	
C28 Dragonfly II	C66 Frank Centofante Vesuvius		The Spyderco Story	25
C28BK Dragonfly11	C68/C68TR Bram Frank Gunting	21		
C29BK Cricket11	CT01 Display Tower			(60)
C30 Remote Release	CT02 Large Knife Stand			37
C36GE Military Model12	CT03 Small Knife Stand	24		

Integrity is Being Good Even if no one is watching...

