



QUALITY IS THE PRODUCT OF A GOOD ATTITUDE®

Businesses hang a sign outside for a host of reasons. Some want bottom-line profit. Some start-up seeking independence from punching the clock for someone else. Some company owners open shop to simplify lives by making a livelihood doing a job they're good at, enjoy, or find comes easily. No doubt, some do business solely for power or prestige.

Spyderco is in business to manufacture and offer the highest grade and quality of cutlery available. For 35 years we've extended our best effort to conduct business in an honest, fair and proper manner. We believe we're on the right path. Tell us your thoughts, suggestions and share your input. We welcome it and please accept our appreciation for your ongoing patronage.

-The Spyderco Crew

CLIPIT: \'klip\ vb \it\ pron : Spyderco reliable high-performance folding knife with a pocket clip.





No two knives embody all that is Spyderco more than the Endura and Delica: High performance, worry-free reliability, failsafe materials and designs. They're our best sellers and the test subjects of Spyderco's process called CQI, a never-ending science experiment for ongoing improvements and advancements in knifemaking. Quality, usability and value going on two decades already.

- 4-way Clip: Tip up/down left/right hand
- Screw together construction
- Skeletonized steel internal liners
- Phosphor bronze washers
- FRN Bi-Directional Textured™ Handle
- David Boye Dent
- Enlarged opening hole
- Spine Jimping
- Flat saber-ground blade

		-
nyard Hole	~	
ye Dent	V	
	8	100
Carry Position	(79)	ALC: A

CLOSED EDGE STEEL WEIGHT 3.6oz. EDGE P, PS, S





CLOSED BLADE EDGE STEEL WEIGHT 2.5oz. P, PS, S



■ Screw together construction

■ Skeletonized steel internal liners

■ Phosphor bronze washers ■ FRN Bi-Directional Textured™ Handle

■ David Boye Dent

■ Enlarged opening hole

■ Spine Jimping

■ Flat saber-ground blade

Lanyard Hole	~
Boye Dent	V
	8
Tip Carry Position	12
Handedness	6.1







LOSED	5"	127mm
OVERALL	8-3/4"	222mm
BLADE	3-3/4"	96mm
DGE	3-7/16"	88mm
TEEL	VG-10	
VEIGHT	3.6oz.	103g
DGE	PS	



1	CLOSE
A	OVERA
9	BLADE
U	EDGE
N .	STEEL
	WEIGH
,	EDGE

CLOSED	4-1/4"	108m
OVERALL	7-1/8"	181m
BLADE	2-7/8"	73mn
EDGE	2-9/16"	65mn
STEEL	VG-10	05
WEIGHT	2.5oz.	71g
EDGE	PS PS	, 19
LDGL	1.5	

CLIPITS



Endura4 with Emerson Opener

Possibilities and choices. Endura4 and Delica4 come in a number of variations including a blade opening option. Clever knifemaker Ernest Emerson designed a blade opening function called the Emerson Patented Opening Feature. It's a hook jutting out the blade's spine. It catches a pocket's edge when drawing the knife, opening the blade for ready use. We offer the Emerson Patented Opening Feature on several CLIPIT models with appreciation, consent and royalties to Mr. Emerson: Patent Number: 5,878,500.

Delica4 with Emerson Opener

- 4-way Clip: Tip up/down left/right hand
- Screw together construction
- Skeletonized steel internal liners
- Phosphor bronze washers
- FRN Bi-Directional Textured™ Handle
- David Boye Dent
- Enlarged opening hole
- Spine Jimping
- Flat saber-ground blade

nyard Hole	4	
oye Dent	V	
	8	
p Carry Position	7/3	1
	66	(
	•	

CLOSED BLADE EDGE STEEL VG-10 WEIGHT 3.6oz. P, PS, S EDGE



CLOSED BLADE EDGE 2-9/16" 65mm STEEL 2.5oz WEIGHT EDGE P, PS, S

Endura4 ZDP-189

The genetic winner in the race of ultra-high carbon powdered blade steels is ZDP-189. Its high-performance technical edge retention makes it exotic and even trendy. Other knife companies offer it on pricey high-end knives. We use it on our workingman's folders, the Endura4 and Delica4, letting hard-users and steel junkies alike experience and appreciate its edge holding performance without breaking the bank.

■ 4-way Clip: Tip up/down left/right hand

- Screw together construction
- Skeletonized steel internal liners
- Phosphor bronze washers
- FRN Bi-Directional Textured™ Handle
- David Boye Dent
- Enlarged opening hole
- Spine Jimping

127mm

88mm

103g

■ Flat saber-ground blade

l Hole	0		a	CLOSED	5"
	V			OVERALL	8-3/4"
	В			BLADE	3-3/4"
	and a			EDGE	3-7/16"
			4	STEEL	ZDP-189
Iness	8.8	6		WEIGHT	3.6oz.
		4		EDGE	P, S







Delica4 ZDP-189

EDGE STEEL WEIGHT 2.5oz. P, PS, S EDGE

CLIPITS

CIOGRE





CLOSED

BLADE

EDGE

STEEL

EDGE

WEIGHT

3-7/16"

VG-10

4.4oz.

CLIPITS

WEIGHT

EDGE

3.2oz.





■ David Boye Dent

■ Enlarged opening hole

■ Spine Jimping

■ Non-sharpened blade

		(Ca)			
rd Hole	V		CLOSED	5"	127mm
Dent	V		OVERALL	8-9/16"	217mm
	В	464	BLADE	3-9/16"	91mm
	No.		EDGE	N/A	N/A
	2.7		STEEL	AUS-6	
	8.8	0 0	WEIGHT	3.6oz.	103g
	The same of		EDGE	N/A	

operation and handling of a folder minus the opportunity to meeting a sharp

edge firsthand.





CLOSED	4-1/4"	108mn
OVERALL	7″	178mn
BLADE	2-7/8"	73mm
EDGE	N/A	N/A
STEEL	AUS-6	
WEIGHT	2.6oz.	73g
EDGE	N/A	





CLOSED

BLADE

FDGF

STEEL

WEIGHT

EDGE

OVERALL

5-9/16" 141mm

9-7/8" 251mm

102mm

4-3/8"

VG-10

5oz.

P, S

CLOSED

FDGF

STEEL

EDGE

WEIGHT

2-9/16"

VG-10

3.9oz.

CLOSED

FDGF

STEEL

EDGE

WEIGHT

5-5/16" 135mm

4-1/8" 104mm

3-13/16" 97mm

5.6oz.

P, PS, S

CLIPITS



- Micro-thin tip
- Patented reverse "S" hollow-ground blade
- *Limited quantities

Lanyard Hole	~
Boye Dent	V
Lock	8
Tip Carry Position	
Handedness	8



5-13/16" 132mm CLOSED BLADE 4-1/8" EDGE 3-3/4" STEEL VG-10 WEIGHT 4.7oz. EDGE

- Ambidextrous tip-up clip
- David Boye Dent
- Bi-Directional Textured® 3-D FRN handle
- Cobra Hood
- Hollow-ground blade
- Available: safety orange or black

	4 100
V	
V .	(14)
В	
8-6	301
•	
	V B 4 80



CLOSED BLADE 3-11/16" 94mm EDGE 3-3/16" 81mm STEEL VG-10 WEIGHT 4oz. EDGE





Rescue 93mm Black/Blue

Everyone from emergency responders to ranchers and river guides carry rounded-tip blades. They lessen the probability of accidentally piercing/puncturing inflatable watercraft, livestock or people. A cardinal piece of emergency-cutting rescue equipment, Sheepfoot blades slip under clothing, rope and bindings for safeguarded cutting without sharp tip worries. Blue model comes with a PlainEdged tip for stripping and fine cutting. Black model is toothed to the edge.

- Ambidextrous tip-up clip
- David Boye Dent
- Flat, saber-ground Sheepfoot blade
- 14mm Spyderco Round Hole®
- FRN Volcano Grip handle. Available: blue or black

Lanyard Hole	4	CLOSED	4-5/8"	116mm
Boye Dent	0	OVERALL	8-3/16"	209mm
Lock		BLADE	3-5/8"	93mm
	like li	EDGE	3-7/16"	86mm
Tip Carry Position		STEEL	VG-10	
	8.8	WEIGHT	2.6oz.	75g
	No.	EDGE	S	

Rescue with Emerson Opener

CLOSED

OVERALL BLADE

EDGE

STEEL

EDGE

WEIGHT

Classic Rescue with an Emerson Opening Feature. Opening feature's hook catches a pocket's edge or belt when drawing the knife, propelling the blade

- Ambidextrous tip-up clip
- David Boye Dent
- Flat, saber-ground Sheepfoot blade
- 14mm Spyderco Round Hole®
- FRN Volcano Grip handle



4-5/8"

3-7/16"

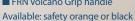
VG-10

2.6oz.

hands and pockets with equal cutting dynamics.

Two-thirds sized Rescue offers an option for smaller

- Ambidextrous tip-up clip
- David Boye Dent
- Flat, saber-ground Sheepfoot blade
- 14mm Spyderco Round Hole®
- FRN Volcano Grip handle





1	CLOSED	4-3/32"	104mm
v	OVERALL	7-3/16"	182mm
	BLADE	3-3/32"	79mm
1 5	EDGE	2-5/8"	67mm
II.	STEEL	VG-10	
表示	WEIGHT	2.2oz.	64g
•	EDGE	S	
	V × 8 ▲ 55 •	OVERALL BLADE EDGE STEEL WEIGHT	OVERALL 7-3/16" BLADE 3-3/32" EDGE 2-5/8" STEEL VG-10 WEIGHT 2.20z.

Dragonfly Lightweight

A veritable firecracker, packing measurable cutting heat in a small package. Mid-sized blade and handle are offset by a deep front-finger choil with a spine cusp and hand-hugging ergos workable in any size hand. Choil/cusp combination lets you choke up nearer the cutting edge for managed slicing and separating.

- Right hand integral tip-up clip
- FRN Volcano Grip handle
- David Boye Dent
- 11mmSpyderco Round Hole®
- Leaf-shaped flat ground blade

d Hole	~	-
	V	- 9
	8	
	A	
	8	100

3-7/32" 82mm CLOSED BLADE 2-5/16" 58mm EDGE 1-7/8" STEEL VG-10 WEIGHT 1.2oz. EDGE P, S

C28BK



CLOSED RI ADE EDGE STEEL VG-10 WEIGHT 2.6oz. EDGE

CLIPITS

C2855

Dragonfly Stainless Steel

Corresponding ergonomics and features found in the lightweight but in a fully stainless variation.

- Right hand tip-up clip
- Stainless handle suitable for engraving/embellishment
- David Boye Dent
- 11mm Spyderco Round Hole®
- Leaf-shaped flat-ground blade

Boye Dent
Tip Carry Position
Handadness



■ Stainless handle can be engraved or embellished

■ Hollow-ground blade

CLOSED 2-3/4" 70mm BLADE 1-7/8" EDGE 2-5/8" 41mm STEEL VG-10 WEIGHT 1.75oz. EDGE P, S



CLOSED OVERALL BLADE 1-7/8" EDGE 2-5/8" STEEL VG-10 WEIGHT 1.75oz. 57g EDGE

- FRN handle inlayed
- with slip-free Kraton®
- 14mm Spyderco Round Hole
- Hollow-ground blade

	V	CLOSED	4-13/16"	122mm
ock	8	OVERALL	7-13/16"	198mm
ip Carry Position	100	BLADE	3"	76mm
ip Carry Position		EDGE	2-5/8"	67mm
	8	STEEL	VG-10	
Prigin	•	WEIGHT	2.5oz.	70g
	Bad	EDGE	S	

Someone asked Spyderco's chief designer "if your son or daughter deployed, what knife would you send with them?" That question raised three powerful considerations: (1. The blade had to have relentless cutting performance and edge life. (2. Military Model Black Blade It had to be lightweight, ergonomically practical. (3. For field-use it needed to be Military Model Black Blade Camo manufactured to be as indestructible and failsafe as humanly possible.

The resulting Military Model, or "Millie" meets these considerations by pairing a CPM-S30V stainless blade with a slim G-10 handle designed to feel like a natural extension of the hand. Open constructed handle makes cleaning/maintenance as simple as blowing or flushing out debris and dirt.

Military Model Military Model Camo

Field-ready, uncomplicated, and manufactured to exacting standards.

■ Made in Golden, Colorado

NEW!

- Right hand tip-down clip
- Nested Walker Linerlock®
- G-10 laminate handle scales
- Spine & choil jimping
- Screw construction
- 14mm Spyderco Round Hole (for a gloved hand)
- Modified clip-point blade

d Hole	V	- 4
	LL	
		- 8
	8	
	_	
		_

CLOSED 5-1/2" BLADE EDGE 3-11/16" 94mm STEEL CPM®-S30V 4.25oz. 120g WEIGHT EDGE P, PS, S (Camo P only)

Military Model with black DLC coated non-reflective blade.

■ Made in Golden, Colorado ■ Right hand tip-down clip

C36GCMOBK

- Nested Walker Linerlock®
- G-10 laminate handle scales
- Spine & choil jimping
- Screw construction
- 14mm Spyderco Round Hole (for a gloved hand)
- Modified clip-point blade



EDGE STEEL EDGE

CLOSED 5-1/2" 3-11/16" 94mm CPM®-S30V WEIGHT 4.25oz. 120g P, PS (Camo P only)

CLIPITS

NEW!

C36GCMO



Scaled to approximately 2/3 the size of the Military Model, Para-Military is equal featured but with a nested Compression Lock™ rated hard-use. Small, scrappy and range ready.

- Made in Golden, Colorado
- Right hand tip-down clip
- Nested Compression Lock
- G-10 laminate handle scales
- Spine & choil jimping
- Screw construction
- 14mm Spyderco Round Hole (for gloved hand)
- Modified clip-point blade

Lanyard Hole	V
	CL
Tip Carry Position	Ю
	a
Origin	6





CLOSED BLADE 3-3/32" 81mm EDGE 2-15/16" 74mm STEEL CPM-S30V WEIGHT 3.75oz. 108g P, S (Camo P only) Para Military with black DLC coated non-reflective blade

- Made in Golden, Colorado
- Right hand tip-down clip
- Nested Compression Lock
- G-10 laminate handle scales
- Spine & choil jimping
- Screw construction
- 14mm Spyderco Round Hole (for gloved hand)
- Modified clip-point blade

0
To

CLOSED BLADE EDGE STEEL WEIGHT EDGE

2-15/16" 74mm 3.75oz. 108a P, S (Camo P only)

Native Lightweight If you own several knives, you'll understand this. There's nearly always one folder that becomes your "go-to"

NETWORK of

knife. You unconsciously reach for it like your favorite jeans or shoes. That knife is comfortable. It's a natural extension of the hand. It cuts and carries complicationfree every time it's drawn - no fuss or ongoing maintenance. We call it the Native. Its CPM-S30V blade and double handle indents magnify cutting control letting you grip tight and high on the handle, closer to the cutting edge. Our best folder value- USA made using top-tier powdered metallurgy blade steel.

* C41BBK Native Lightweight with a black DLC coated non-reflective blade.

* C41PPN Native Lightweight with a hot pink FRN handle.

- Made in Golden, Colorado
- Ambidextrous tip-up clip
- David Boye Dent
- Weight reducing spine swedge-grind
- Spine jimping ■ Bi Directional Textured FRN Handle
- Hollow-ground blade



FDGF STEEL WEIGHT

CLOSED P, PS (Pink P only, EDGE

3-1/16" 87mm 2-1/2" 64mm 2.65oz. 75g

Black Blade PS only)

slip resistance in the hand.

■ Ambidextrous tip-up clip

■ Hollow-ground blade

■ Weight reducing spine swedge-grind

■ Bi Directional Textured FRN Handle

■ Made in Japan

■ David Boye Dent

■ Spine jimping

CLOSED OVERALL BLADE EDGE STEEL WEIGHT EDGE

C41BBK

C41PPN

NEW!

Native3

Same ergonomic double handle indents as the Na-

tive. Smooth and textured handle ridges add tactile



2-5/8"

VG-10

2.8oz.

P, PS

Native4 Carbon Fiber

Elegant carbon fiber handle with "Native" double handle indents. First indent positions index finger for choking up closer to the cutting edge. Second indent holds the hand centered on the handle for responsive performance, fluidity and controlled cutting.

- 4-way clip ■ Weight reducing spine swedge-grind
- Spine and choil jimping
- Spear-point flat-ground blade
- Skeletonized stainless steel liners



19

CLIPITS

NEW!

C41CF

	~	CLOSE
	В	OVERA
Carry Position	网	BLADE
	Mal	EDGE
dedness	60	STEEL
		WEIGH

(В
E	쪵
E	IMst
9	60
١	

OSED	3-15/16"
'ERALL	7"
ADE	3-1/16"
GE	2-1/2"
EEL	VG-10
IGHT	3.2oz.
GE	Р





martial arts curriculum and buying his knife designs. His Chinook features our thickest, hard-use back lock for blocking, passing and all out chopping. G-10 handle has substantial finger choil and back-end curve, keeping the folder in hand, in check and in control.

- Made in Golden, Colorado
- Ambidextrous tip-up/tip-down clip
- G-10 handle with full-length skeletonized steel liners
- Full flat-ground modified Bowie blade

Lanyard Hole	V .	
	В	
Tip Carry Position	VA.	
	8.0	
Origin	-	•

CLOSED 4-7/8" BLADE 3-3/4" EDGE 3-3/8" STEEL CPM-S30V WEIGHT 5.8oz. EDGE

knifemakers and has done so throughout his career. And who wouldn't want to learn the craft from The Godfather of Knifemaking and previous President of the Knifemaker's Guild? Our two time-honored collaborations with Mr. C. have FRN

■ Right hand tip-up/tip-down clip

channeled handles with Paladium silver inlayed bugs.

- David Boye Dent
- FRN handle
- Spine has a swedge-grind and
- Hollow-ground blade

ь В	0.0
V.	
o	VVV
	@ @

	DIADE	2 4 /0//	70
nd jimping	BLADE	3-1/8"	79mr
, , ,	EDGE	3"	76mr
	STEEL	VG-10	
	WEIGHT	2.5oz.	69g
-	EDGE	Р	
7 160			
A A	CLOSED	4-1/2"	114m
	OVERALL	7-1/2"	190m
	BLADE	3"	76mr
	EDGE	2-15/16"	75mr
	STEEL	VG-10	
	WEIGHT	2.5oz.	69g
	EDGE	Р	

CLOSED 4-1/2" 115mm

OVERALL 7-9/16" 191mm

Kiwi Carbon Fiber

C90CF

You casual or styling today? Doesn't matter- Kiwi adapts to denim or Brooks Brothers. Blade hole is positioned relative to the handle pivot, guaranteeing silk-smooth one-hand operation. Carbon fiber inlays set into brushed steel handle bolsters and finger choil.

- Clipless
- Stainless handle and bolsters/carbon fiber inlay ■ Finger choil with finger indent behind
- Wharncliffe hollow-ground blade
- Suede carry case

Spin SS/Spin Etched Spin's two-inch Wharncliffe blade is our smallest

CLIPIT but packs a wallop of full-bore cutting from concentrate. Chris Reeve style Integral Lock. Stainless handle laser engraved with web design.

- Right hand tip-down clip
- Wharncliffe flat-ground blade
- Can be used as a tie clip, money clip or jewelry item



Stretching something extends it, drawing it beyond ordinary or normal limits. What started as a small hunting knife design 20 years ago has been stretched longer, thinner and into one of our most refined designs to date. Peel-ply carbon fiber handle, ZDP-189 blade. High rave-factor rating and performance without pretense.

Stretch Carbon Fiber

- 4-way Clip: Tip up/down left/right hand
- Screw together construction
- Full-length skeletonized steel liners
- Phosphor bronze washers
- Peel Ply Carbon Fiber handle
- David Boye Dent
- Enlarged opening hole
- Spine and choil jimping ■ Full flat-ground blade



CLIPITS

LOSED	3-3/16"	81mm	Lanyard Hole	4	CLOSED	2-7/16"	63mm	31	
VERALL	5-7/16"	138mm	Lock	RIL	OVERALL	4-1/8"	105mm		
LADE	2-3/8"	60mm	Tip Carry Position	胸	BLADE	1-13/16"	46mm		
DGE	1-13/16"	46mm		IMI	EDGE	1-5/8"	41mm		
TEEL	VG-10		Handedness	8	STEEL	VG-10			
/EIGHT	1.7oz.	47g	Origin	•	WEIGHT	1.35oz.	38g		
DGE	Р			hall	EDGE	Р			0

•



CLOSED 4-7/16" 113mm 3-1/2" 89mn 3-3/16" 81mm 3.9oz.



UK Penknife Orange/Foliage Green

The ability to freely carry a pocket knife (incidentally man's oldest tool) is being restricted in countries all over the world. Legal parameters in these countries apply to folding knives with blades that lock open. Our UK Penknife's blade stays open by a notched joint at the pivot that produces resistance to closing. G-10 handle available in color-blend foliage green or safety orange. Finger choils add safety and prevent accidental closing on finger.

- Made in Golden, Colorado
- Ambidextrous deep pocket tip-up wire clip
- Finger choil
- Spine jimping
- Full flat-ground blade

New G-10 handle with an ambidextrous open-end Ball Bearing Lock™. Small blade-to- handle size ratio radiates the sensation of refined, responsive control and handling. Gripping indentations position the hand for fatigue-free hours of cutting. Absolutely a head turner.

- Ambidextrous wire tip-up clip
- Ball Bearing Lock® –Patented
- Hollow-ground blade with spine swedge

	1
ip Carry Position	10
landedness	# 2
	-



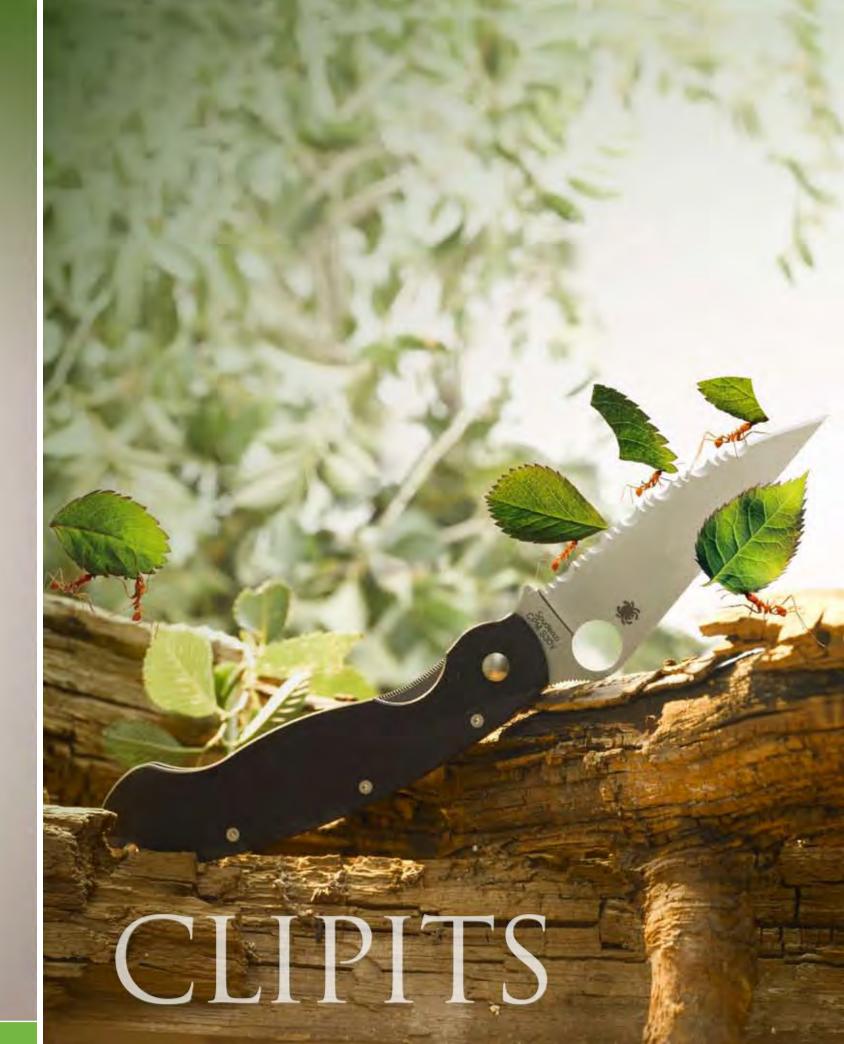


CLOSED BLADE EDGE STEEL WEIGHT 2.4oz.





CLOSED BLADE EDGE 1-7/8" STEEL WEIGHT 2.5oz EDGE





Opener comes out the blade's spine, catching a pocket's top when drawing the knife and opening the blade in one motion.

- Made in Golden, Colorado
- Ambidextrous tip-up clip
- Patented encased Ball Bearing Lock®
- G-10 handle with full skeletonized steel liners
- Screw construction
- Flat-ground blade

i nac ground o.	
Lock	BBL
Tip Carry Position	
	80
Origin	



CLOSED 4-3/8" 111mm BLADE EDGE 2-13/16" 71mm STEEL CPM-S30V WEIGHT 3.6oz. EDGE

- Made in Golden, Colorado
- Ambidextrous tip-up clip
 Patented encased Ball Bearing Lock®
- G-10 handle with full steel liners
- Screw construction
- Non-sharpened blade

ock	BBL		m	CLOSED	4-3/8"	111r
ip Carry Position			ш п	OVERALL	7-3/8"	187r
landedness	POR.	16	ш	BLADE	3″	76m
	0.0	16	U	EDGE	N/A	N/A
	E .		1	STEEL	440C	
			•	WEIGHT	3.8oz.	107
			700	EDGE	N/A	



fingers behind the cutting edge and a shallow finger choil for close cutting. Ed Schempp merges eastern and western influences into a hybrid of both cultures.

- Right hand tip-up clip with gold bug
- David Boye Dent
- Micarta handle with steel bolsters
- Hollow-ground blade with bug

choil jimping. An A+ for cutting aptitude. Two ounces.

- Black or silver handle
- Ambidextrous tip-up wire tension clip
- Anodized aluminum handle
- Nested Compression Lock
- Full flat-ground blade

V .		CLOSED	3-15/16"	100mm	Lanyard
V		OVERALL	6-7/8"	175mm	Lock
В		BLADE	2-15/16"	75mm	Tip Carr
		EDGE	2-1/2"	64mm	
	A	STEEL	VG-10		Handed
A		WEIGHT	3.5oz.	99g	Origin





CLOSED BLADE EDGE 2-1/8" STEEL WEIGHT 2oz. EDGE



Lanyard Hole	V .
Lock	LL
Tip Carry Position	
Handedness	16.6
Origin	•



CLOSED 4-1/8" BLADE 3-1/16" 78mm EDGE 2-15/16" 75mm STEEL VG-10 WEIGHT 4.75oz. EDGE

		845	
ye Dent	V		CLOS
	В		OVE
Carry Position	1/4		BLAD
	Marie III		EDGI
	6 6	2	STEE
gin			WEIG
			EDGI

2-5/8"

67mm VG-10 (C113CF, ZDP-189)



folders but instantly recognize a Viele. Sleek as a wet seal, techy, edgy, modern, Howard's blades always have three little holes and a symbol representing the Japanese God of War. Phoenix incorporates a Spyderco Ball Bearing Lock while keeping Howard's signature profile and personality. Titanium with ivory Micarta scales. Deep finger choil and ricasso flow from tip to clip.

- Right hand tip-up clip
- Ball Bearing Lock
- Handle: Micarta over titanium
- Screw construction
- Hollow-ground blade

		(6)			
Carry Position	BBL		\	CLOSED OVERALL	4-9/16" 7-1/4"
dedness	W.	4 6	1	BLADE	3″
	0	A		EDGE	2-3/8"
	•	6	1	STEEL	VG-10
		10	6	WEIGHT	4.1oz.
		609		EDGE	Р

Hawkbill knives have near cult-following by virtue of their memorable profile and Hawkbillers kept coaxing Spyderco to make a large, high end version so we anted up. Exotic, flyweight peel ply carbon fiber handle has a woven stick-to-the-palm texture. VG-10 steel blade is a full flat-ground PlainEdge. The SuperHawk has a decreasing radius cutting edge.

CLIPITS

- Left/right-hand tip-up silhouette wire pocket clip
 Compression Lock®
- Screw together construction
- Spine and choil jimping
- Flat-ground blade

60mm

115g

d Hole	V	Ti-D	CLOSED	4-11/16
	cı	AND	OVERALL	7-7/8"
rry Position	100		BLADE	3-1/2"
	100	U	EDGE	2-3/4"
	0.0		STEEL	VG-10
			WEIGHT	4.4oz.
	line I		EDGE	Р
	Section 1	0		



Being tenacious means holding fast, having persistence and cohesiveness. It means being tough, tireless and consistent. The knife industry seems to be leaning toward manufacturing inexpensive, average- made knives that are dressed up like high performance pieces, retailing under sixty dollars. Identifying and sidestepping these mid-class knives can be vexing to end-line-users. Rest assured, we've tenaciously adhered to Spyderco's manufacturing quality standards. G-10 handle resists elements and is ergonomically milled for continuous fatigue-free use. Walker Linerlock® with jimped liner. Lined lanyard, full skeletonized steel liners. Fit, finish and features you'd expect on a hundred dollar folder. Our best dollar value Spyderco and one of our top sellers.

- 4-way Clip: Tip up/down left/right hand
- Screw together construction
- Phosphor bronze washers
- Skeletonized steel liners ■ Enlarged opening hole
- Spine Jimping
- Flat-ground blade
- - - - CLOSED 4-7/16" 113mm OVERALL BLADE 3-3/8" EDGE 3-3/8" STEEL 8Cr13Mov WEIGHT 4oz. EDGE P, PS, S

A Sage is a person wise with experience who's earned their title via sound judgment and extending their best effort at every opportunity. If sage-ism is applied to a knife it would be created at the highest level in manufacturing, design and function. Our Sage represents Spyderco's 30-year pledge to knife crafting and manufacturing better knives at every given opportunity. Sage-1 starts off a series, an ongoing sequence of folders each spotlighting a locking device or mechanism and acclaiming the inventor. Sage-1 recognizes knifemaker Michael Walker's invention of the LinerLock® and ball bearing detent method of locking (open and closed) a folder. Drop-point CPM-S30V blade is flat-ground. Twill-woven carbon fiber handle is vibrant with multi-colored and multilayered weaving, creating ridges and textures that are easily gripped.

- Left/right-hand silhouette wire pocket clip
- LinerLock®
- Spine and choil jimping
- Flat-ground blade

	CLOSED	4-3/16"	106mm
MANA	OVERALL	7-1/8"	181mm
A PARTIES	BLADE	3"	76mm
655450	EDGE	2-5/8"	67mm
- VIIII	STEEL	CPM S30	V
	WEIGHT	3.2oz.	91g
A0001	EDGE	Р	
1000			

Barong by Ed Schempp

Barongs (sometimes referred to as Barungs) are short, wide leaf-shaped blades indigenous to the Moro Filipino people. Thick, curving belly angles downward, aligning the cutting edge with the wrist. Pronounced spine-cusp and choil indent give great control over the wide and stable blade for controlling vegetation and personal safety. Our stylized version has a curved hilt which wraps itself around the small finger laying the foundation for dexterous control over the big blade.

CLOSED

OVERALL

BLADE

FDGF

STEEL

EDGE

WEIGHT

- Right/left tip up clip
- Foliage Green G-10 handle
- Full-length skeletonized liners
- Michael Walker LinerLock®
- Full-flat ground blade



4-15/16" 125mm

VG-10

4.4oz.

Khukuri by Ed Schempp

Khukuris (also referred to as Kukri or Khurkuri Gurkha) are the national knife of Nepal and commonly found in Nepalese households and carried by military personnel. The prominent curved blade has a deep drop-point belly with imposing cutting power. Historically, the curve is synonymous with the valor of the solider carrying it.

CLOSED

OVERALL

BLADE

EDGE

STEEL

WEIGHT

EDGE

- Right/left tip up clip
- Foliage Green G-10 handle
- Full-length internal liners ■ Michael Walker LinerLock®
- Full-flat ground blade



4-3/8" 111mm

7-11/16" 195mm

3-7/16" 87mm

2-5/8"

VG-10

3.4oz.

sonality. Foliage green G-10 slip-stop handle. ■ Tip-up/down right hand clip

- Screw together construction
- Nested LinerLock® Skeletonized
- ndle scales in Foliage Green

Rock Lobster by Jens Anso

He's a talented Danish industrial designer. He's an

up-and-coming knifemaker shaking up the indus-

try who once said "If you don't want to make your

second knife, don't make the first." His designs are

wildly unique, fun and functional and making noise

in the knife world. Rock Lobster collaboration has a

blade shape not defined by traditional knifemaker

labels, part Wharncliffe part knobby nosed. Its thick

tip chews-up hard cuts while offering loads of per-

29

Who exactly is Jens Anso? He's young, late 20s.

GIU	Larrillate Harrule
Full-	flat-ground blade

p Carry Position	





CLOSED 4-13/16" 122mm 3-3/4" 3-9/16" VG-10 4.1oz.

CLIPITS

OVERALL BLADE FDGF STEEL WEIGHT EDGE



NEW!

C124FG



Urban Wharncliffe Blade: Safety Orange Urban Leaf Blade: Foliage Green

As the laws and guidelines for pocketknife carry change, so must we. More countries are enacting restrictions on folding knives with locking blades. Spyderco addresses this by releasing a series of non-locking folders we call SLIPITS. SLIPITS are traditional Spyderco CLIPITS but without lockable blades. A SLIPIT blade is held open by a notched or slip-joint (thus the name) located at the knife's pivot. When closing the blade, the same notch produces resistance functionally similar to a traditional slip-joint penknife. The addition of a deep finger choil/indent positions the index finger directly behind the blade for choking up nearer the cutting edge with enhanced control and dexterity. Positioning the index finger in the choil not only heightens control, it keeps the blade secure and open during cutting.

- Left or right-hand tip-up wire clip
- Screw together construction
- Spine and choil jimping
- Flat-ground blade [Wharncliffe (orange) or Leaf-shaped (foliage green)]

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CLOSED RLADE EDGE 2-1/4" STEEL VG-10 WEIGHT 2oz. EDGE

Leaf Storm by Kevin Wilkins

Why graphic artists make the leap to knifemaking is self explanatory. They design and create art and that mingles with their knife passion, in some cases their knife obsession. American Kevin Wilkins started as a graphic designer and art student, then art director. A move to Berlin, where in early 90s the knife bug really sank in, and in 1995 turned him into a knifemaker. A favorite of his, the Leaf Storm fits in the watch-pocket of your favorite jeans. Titanium handle scale and pivot screw with a natural G-10 overlay screams techy and edgy.

- Right-hand tip-up clip
- Screw together construction
- Blade riccasso
- Spine jimping
- Hollow-ground CPM-S30V blade

dil
0

CLOSED BLADE EDGE 2-1/8" STEEL CPM-S30V WEIGHT 2.607. EDGE



Ladybug Lightweight

Truth in the saying good things come in small packages, proves correct in our high-performance matter separator a.k.a. the Ladybug. Don't underestimate its cutting ability or write it off as just another keychain knife. Blade is thick from heel to tip. Spine Jimping. Angular slip resistant FRN handle. Available in black or purple.

- Clipless
- Lanyard hole
- David Boy Dent
- Spine jimping ■ Enlarged Spyderco Round Hole
- Hollow-ground blade

Ladybug SS

All stainless steel version of the Ladybug3.

LBK-3/LPR-3

CLOSED

BLADE 1-15/16" 49mm EDGE 1-11/16" 43mm STEEL WEIGHT .6oz. EDGE P. S (LPR-3 P only)

2-7/16" 62mm

SpydeRench

Yes, it was designed by an aerospace engineer in conjunction with Spyderco's R&D. And no, you don't have to be a Rocket Scientist to use it. Unlike other multitools, it has a locking full-sized, one-hand open knife blade. Body is corrosion resistant stainless steel and features:





■ Adjustable wrench with 9/16" opening capacity ■ 2-setting slip joint plier

LSS-3		CLOSED	2-7/16"
Lanyard Hole	V	OVERALL	4-3/8"
Boye Dent	V	BLADE	1-15/16"
Lock		EDGE	1-11/16"
LOCK	like i	STEEL	VG-10
Handedness	8 6	WEIGHT	1.2oz.
Origin	0	EDGE	P, S



CLIPITS

- Four screwdriver bits: #2 and #3 Phillips-head #1 and #2 flat-head (housing accepts any standard sized bit including Allen and Torx® wrenches)
- Extended bit with a flat- and Phillips-head enabling access into tight places (ideal for tunneled 31 electronic repairs).
- Extended bit is also a diamond-coated file with concave, convex and flat sharpening surface.
- Pivot allows the tool to rotate into an extended position, locking open creating a full-sized contoured grip screwdriver and crescent wrench.
- Pivot releases, letting the screwdriver and knife portion of the tool separate from the adjustable wrench allowing both tools to be used independently and/or simultaneously.
- Hollow-ground AUS-8 premium stainless steel
- Ambidextrous tip-down clip
- Cordura belt case included

111mm

T01	-	CLOSED	4-9/16"	116mm
Lock	В	OVERALL	6-7/8"	175mm
Tip Carry Position	Real	BLADE	2-1/2"	64mm
Handedness		EDGE	2-1/4"	57mm
nanueuness	0.0	STEEL	AUS-8	
Origin	-	WEIGHT	7.8oz.	222g
		EDGE	PS	



SPYDERCO WHALE RESCUE BLADE 2006

Off the coasts of Australia, there were 21 reported cases of large whales entangled in various fishing gear. Of those, there were 4 confirmed deaths, 9 whose fate is unknown (but likely grim) and 8 who were rescued.

Whales are dying. There's no way of knowing the exact numbers because these are only the whales that were spotted. The numbers are likely to increase as the whale population increases. Many think whales are fish. They are in fact warm blooded air-breathing mammals. They live birth their young who are nursed on mother's milk.

In 2005 Doug Coughran (Senior Wildlife Officer – Western Australia Department of the Environment and Conservation) knew they needed a specialized blade to make their whale rescues more effective and safer for their rescue teams. He contacted knifemaker Jim Steele about designing a blade to deploy on their 10' rescue pole.

Doug's team goes out into open water in the Indian Ocean in a small inflatable raft to save these creatures. In teams of three they hang over the tiny raft reaching into the depths to cut lines of rope off a frightened, stressed animal. Did we mention it's an enormous animal? Often the entangled whales are 26-39 feet in length and weigh several tons.

Knifemaker Jim Steel suggested the Western Australia Department of the **Environment and Conservation contact Spyderco knowing our serrations** would make the blade work the way they needed. Spyderco was able to create a fully serrated Hawkbill blade and send it to Doug for Australia's National Workshop for Large Whale Disentanglement where it was demonstrated on 40mm and 50mm rope. Two days later the blade went

to work on a 10m Humpback who was entangled and anchored by two sets of pot gear. After meticulously assessing the rope wraps, 5 cuts were made to disentangle the whale. Six weeks later the blade again released a pregnant Humpback also entangled/anchored by two sets of pot gear wrapped around her tail a dozen times. At the time of the rescue she was being circled by sharks that wait until the whale is worn down so they

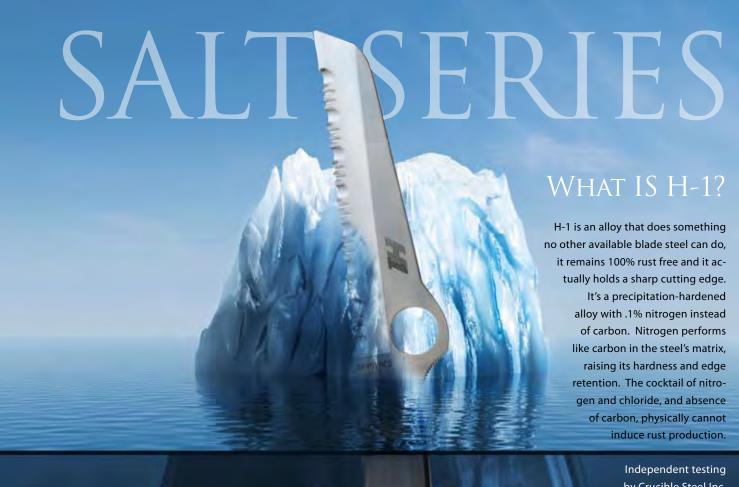
To date, 5 whales and an unborn calf have been rescued with a Spyderco Whale Rescue Blade. Forty-eight total blades are now being used in Australia and off the East Coast of the U.S. We appreciate the chance to help and hopefully make a difference. The whale rescue teams of Australia and the US must be commended. Few people see the big picture clear enough and are willing to put their life on the line to aid these magnificent



WHALE RESCUE BLADE

Spyderco Whale Blades are not available to the general public at this time. Available to conservation groups only.

CLOSED	N/A	N/A
OVERALL	11.25"	286mm
BLADE	N/A	N/A
EDGE	8"	203mm
STEEL	440C	
WEIGHT	6.5oz.	186g
EDGE	S	



What IS H-1?

H-1 is an alloy that does something no other available blade steel can do, it remains 100% rust free and it actually holds a sharp cutting edge. It's a precipitation-hardened alloy with .1% nitrogen instead of carbon. Nitrogen performs like carbon in the steel's matrix, raising its hardness and edge retention. The cocktail of nitrogen and chloride, and absence of carbon, physically cannot induce rust production.

> Independent testing by Crucible Steel Inc. concluded H-1's edge retention and sharp quotient compares to premium carbonbased knife steels and it work-hardens at the cutting edge when processed or sharpened. Processing friction increases its Rc hardness further elevating tensile strength and durability. Simply put H-1 stays 100% rust free in fresh/saltwater and humidity and is hard enough to take and keep a performance-sharp edge. If you get wet, get H-1.

A rust free blade is irrelevant if the rest of package falls apart at the sight of salt or liquid. So, Salt Series knives' internal components, sheaths and clips are also rusting impervious.

THERE IS NO RUST FOR THE WEARY



WEIGHT

EDGE

2oz.

P, S



Atlantic Salt

The origin of the Sheepfoot blade is speculative. The mariner's theory says roundedtipped blades were preferred on sailing ships. If dropped from a mast-rigging they limited the probability of puncturing cargo/crew on the fall to the deck below and having no pointy tip inhibited a sailor's ability to find trouble while in port blowing off steam after months at sea. All benefits equally applicable to today's rescue workers and Save & Serve pros. No pointed tip equates to safer quick/urgent cutting.

- Ambidextrous tip-up titanium clip
- Black or Marine Yellow FRN Volcano Grip handle
- David Boye Dent
- Spine jimping

WEIGHT

EDGE

3oz.

P, S

- Lanyard hole for cord attachment in water
- 14mm Spyderco Round Hole

ollow-ground	d blade					
yard Hole	~	0	•	CLOSED	4-5/8"	116m
e Dent	V	(RUST)		OVERALL	8-3/16"	209n
	В			BLADE	3-11/16"	94mı
		_		EDGE	3-3/8"	86mr
Carry Position				STEEL	H-1	
ndedness	5 8			WEIGHT	2.75oz.	78g
	(Party)		*	EDGE	P, S	

Smaller version of the Atlantic Salt.

- Ambidextrous tip-up titanium clip
- Black or Marine Yellow FRN Volcano Grip handle

Saver Salt

- David Boye Dent
- Spine jimping
- Lanyard hole for cord attachment in water
- 14mm Spyderco Round Hole
- Hollow-ground blade

	V	0
e Dent	4	(RUST)
	В	
Carry Position	(A)	
	6.8	O
visa.		

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	0	

CLOSED 4-3/32" 104mm RLADE 3-3/32" 79mm EDGE 2-5/8" STEEL WEIGHT 2.2oz. EDGE

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- Hollow-ground single edged blade
- Includes two nylon attachment straps

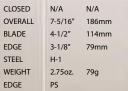






FB21 Caspian Salt (pointed tip) / FB22 Caspian2 Salt (blunt tip)

handed) with an audible click telling you you're locked, loaded and ready to roll.









EDGE STEEL WEIGHT 2.9oz. EDGE

SALT SERIES















LIMITED PRODUCTION SPRINT RUNS

C58GFG JD Smith Foliage Green

Only a master knifemaker can successfully meld technical function into eye-candy. A member of the Knifemakers' Guild and a Master Blade Smith, J.D. Smith makes tactical folders using high-tech materials that are ergonomic and delight the eye. "Hump-less" blade profile flows from G-10 handle to VG-10 blade tip.

C18PWH Wayne Goddard White Micarta

Master Bladesmith Wayne Goddard is a knifemaking trendsetter and mentor to many. His resume shouts three decades of steel forging and educating students in metallurgy and knifecraft. His hunting knife design we've offered before in many derivations. The latest is mid-sized with snowy Micarta handle scales.

C28PWH White DragonFly Lightweight

White Dragonfly lightweight was inspired by artist Tom Sachs' art exhibit "Space Program" - a full-scale reconstruction of man's first moonwalk exhibited at the Gagosian Gallery, Beverly Hills- Sept. 07.

C112P&SBP MicroDyad Black Pearl

Dyad means two, twins, doubletake. A pair of blades sit shoulder-to-shoulder inside a radiant black pearl handle: Clipoint blade: PlainEdge. Sheepfoot blade: SpyderEdge. Both blades open and lock independently. Clipless.



2009 KOPA SERIES LIMITED RUNS

C92SQ Kopa Squash Bone C92CF Kopa Carbon Fiber

Kopa Series knives offer the same pattern gent's folder with a different handle material inlay. Production of each handle material is restricted to 600 exclusive pieces with the completed collection eventually totaling 18 handle variants. Elegant yet utilitarian leaf-shaped blades have a spine cusp, mid-positioned back lock and silhouette steel pocket clip.

- Flat-ground Blade
- David Boye Dent
- Right hand tip-down carry

***Handle materials are natural/organic and may vary in color, texture and appearance. Pricing varies with different handle materials.



COOUTU				
CLOSED	4-15/16	125mm		
OVERALL	8-5/8	219mm		
BLADE	3-13/16	97mm		
EDGE	3-1/4	83mm		

VG-10 4oz

CLOSED	4-1/8"	105mm
OVERALL	6-7/8"	175mm
BLADE	2-13/16"	71mm
EDGE	2-5/8"	67mm
STEEL	VG-10	
WEIGHT	2.7oz.	78g
FDCF		

C112P&SBP

~				
CLOSED	2-15/16"	63mm		
OVERALL	7-7/16"	113mm (one blade ope	
BLADE	(S) 1-31/32"	50mm	(P) 1-31/32"	50mm
EDGE	(S) 1-3/4"	44mm	(P) 1-11/16"	
STEEL				
		47g		
EDGE	Shoonfoot S	Clip Poir	at D	

C92 KOPAS

	-				
ED	3-7/32"	82mm	CLOSED	3-7/16"	87mm
RALL	5-7/16"	138mm	OVERALL	5-13/16"	148mm
ÞΕ	2-5/16"	58mm	BLADE	2-7/16"	62mm
		48mm	EDGE		49mm
			STEEL		
	1.2oz.			2.5oz.	70g (may vary)
			FDGF		

SHARPENERS

"FIRST WE MADE THINGS SHARP, THEN WE MADE SHARP THINGS"

When humans first scraped a rock-to-rock, making one rock sharper and a viable cutting tool, he (or she) invented abrasive sharpening. Today's abrasives rely basically on the same premise as the rock-to-rock method: remove matter to shape matter into a desired form. In our case, that form means sharp.

Most people associate Spyderco with knives, which is why it surprises many that Spyderco's initial product was not a knife at all but a ceramic sharpening system called a Tri-Angle Sharpmaker. The process of designing the sharpener started with being granted a patent on this triangle system. The stones themselves are made from Alumina Ceramic. They're U.S. manufactured in a process combining a bonding agent with alumina particles (that are actually synthetic sapphires 15 to 25 microns in size). We shape them into a triangle, then kiln fire them at more than 3000 degrees F (1649°C). On a Mohs hardness scale, Alumina Ceramic stones measure 9 (out of 10) and don't require lubricants such as oil or water while using.

Our medium grit (brown) stones are open-cell stones (friable) and will wear over time and repeated use. Their abrasive quality removes steel stock on dull blades and edges requiring re-profiling. Our (white) fine and ultra-fine grit stones are closed-cell ceramics and won't wear with usage or time. They're less abrasive, excelling at polishing and professionally finishing edges. Ceramic can shatter or chip if dropped or handled roughly. Alumina ceramic stones are temperature resistant, dishwasher and autoclave safe.

Sharpening changes a blades' shape by removing microscopic steel particles. These particles adhere to the stone and after repeated use the stone loads up, saturated with steel particles. Remove the residue by washing the stones in fresh water, scrub with powdered abrasive cleanser, rinsing and air drying, to restore the stones' effectiveness.











302UF Ultra-Fine Benchstone (black box)

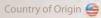
Spyderco benchstones sharpen wider tools: chisels, large blades, woodworking equipment, plane irons and ski/snow-board edges. Sold individually. Polymer case with rubber skid-stopping tabletop feet.

2" X 8" X 1/5" (51mm X 203mm X 13mm)

3x8 Benchstone Ultra-Fine

3" X 8" X 1/4" (76.2mm X 203.2mm X 6.4mm) ultra-fine ceramic benchstone is flat, thin and ultra smooth for professionally finishing and sharpening wide tools, chisels, large blades, wood-working equipment, plane irons, even ski and snowboard edges. Ultrafine stones tighten and smooth the cutting edge's scratch pattern for a keener, hair popping edge. Light enough for handheld use: taking the stone directly to large items. Leather sleeve pouch.





Ceramic Files

Specialty-shaped sharpening stones for odd-item sharpening: Woodworking tools, gunsmithing, jewelry, even dental devices. Fine grit stones in 4 shapes: Round, square, triangle, and slip (teardrop). Shaped for sharpening, honing and deburing hardened molds, even carbides. Approx: 5" X 1/4" (127mm X 6.4mm)

400F 4-File Set in a snap-close suede pouch

- 400F-1R Round Ceramic File (sold individually)
- 400F-1S Square Ceramic File (sold individually)
- 400F-1T Triangle Ceramic File (sold individually)
- 400F-1SP Slip Ceramic File (sold individually)



Country of Origin

Slip Stone

Slip-shaped (teardrop) stones are great for sharpening curved blades, woodworking tools, plane irons and sophisticated shaped edges. They hone flat, concave, convex edges, bringing slant-edge and straight chisels to their sharpened best. Fine grit slip is flat and smooth for professional finishing, sharpening and tightens an edge's scratch pattern to hair-popping sharpness. During tabletop sharpening, place stone on top of it's' suede carrying case for slip free use. Cleaning: Wash in fresh water, scrub using a powdered abrasive cleaner and scouring pad. Rinse and dry.

angles. Holding the stone vertically on a tabletop, and tilting it from one side to the other, raises one edge off the table, creating a 20° angle (40° total angle) for sharpening knife blades. Elliptical sides have a large radius for sharpening PlainEdges, a smaller radius for SpyderEdges (serrations). Position

U.S.A. made fine grit Golden Stone polishes and

professionally finishes using a variety of curves and

it on its' side (horizontally) to create a 12.5° angle designed for sharpening scissors. A groove down the length of the stone de-burrs and hones pointed objects. Suede carry case doubles as a non-skid counter top pad for tabletop sharpening. Cleaning: Wash in fresh water, scrub using a powdered abrasive

cleaner and scouring pad. Rinse and dry.

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SHARPENERS .



Scale Not Included B-2 Scale Not Included C10KIT

Endura Lightweight Parts Kit

A-1 D-bolt for Pivot

A-2 Torx screw for

D-bolt

Washer for pivot D-bolt

bronze washers for pivot

Skeletonized

stainless steel liners

B-1 & B-2

C-1 D-bolt for

D-1 Backspacer

D-3 Torx screws for D-bolts

back spacer

C-1

lockbar

Torx screw for D-bolt

Delica Lightweight Parts Kit

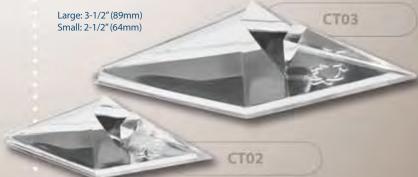
Internal component replacement parts for the Endura4 Lightweight C10BK or Delica4 Lightweight C11BK.

- D-bolt for pivot
- Torx screw for D-bolt
- Washer for pivot D-bolt
- Phosphor bronze washers for pivot
- Skeletonized stainless steel liners
- D-bolt for lockbar
- Torx screw for D-bolt
- Backspacer
- D-bolts for backspacer
- Torx screw for D-bolts

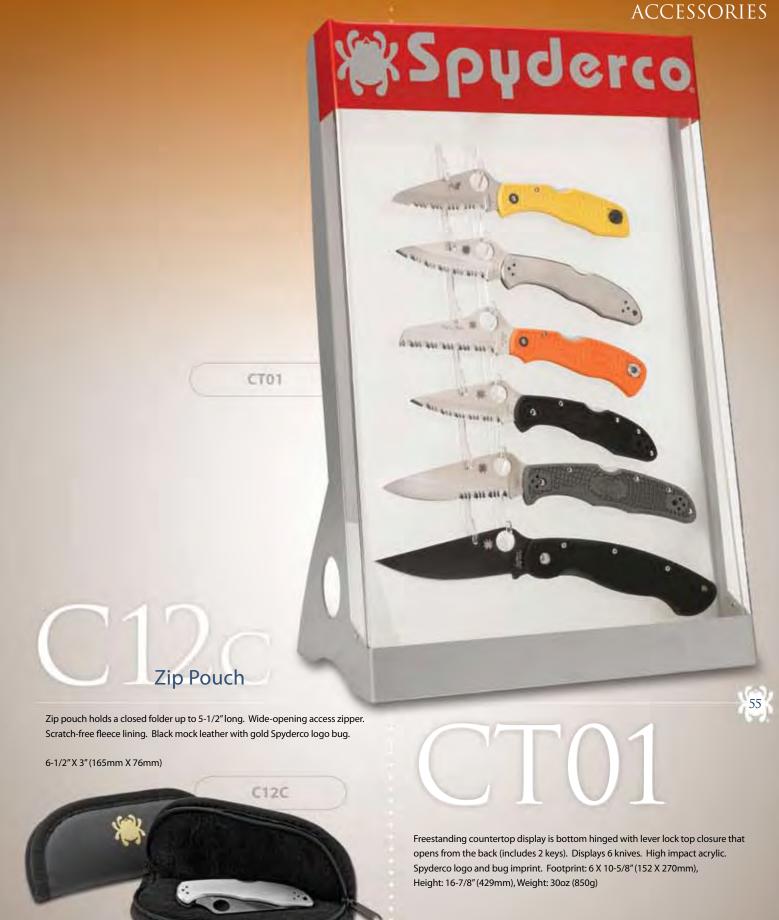
Knife Stands

ACCESSORIES

Clear acrylic wedges elevate a knife up and off a shelf displaying it (held by the blade) at a 45° angle. Spyderco logo bug engraved on the bottom. Sold 24 pieces per box.







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WARRANTY

Spyderco knives are designed and built for use as cutting tools. Use of our knives for any purpose other than cutting is considered abuse. As with any tool Spyderco knives can wear out. They may also fail to perform if not used or cared for properly. If your knife has been put to hard use for a long period of time, it is possible that the useful life of the Spyderco product has been exceeded and Spyderco will be unable to perform any work upon the knife that will improve the condition thereof.

WARRANTY INFORMATION:

Spyderco warrants that all of our products are free from defects in material and workmanship.

Repairs to your knife performed by any source other than Spyderco Inc. unconditionally voids the knife's warranty.

Spyderco's warranty does not cover damage caused by abuse, misuse, loss, improper handling, alterations, 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 Spyderco, identify why it failed and respond in an appropriate manner. If we determine there is a defect in the manufacture/materials/workmanship, Spyderco will repair, or replace that product with the same model or one of equal value at its own expense. If a problem with a returned knife is determined to be caused by something other than a defect in manufacture/materials/workmanship, Spyderco will inform you whether the product can be repaired and the cost to you of having Spyderco implement such repair (see below). Upon agreement and payment the repair will be performed. If Spyderco is unable to improve the condition of the knife, it will be returned to you with the recommendation it be retired from use. All costs associated with shipment of the product(s) are the responsibility of the customer.

REPAIR INFORMATION

Sharpening – Complimentary on PlainEdge, SpyderEdge or CombinationEdges provided the edge of the knife is not severely damaged – Please include \$5.00 USD shipping and handling.

For the following repairs, please include \$20.00USD plus \$5.00 USD shipping and handling:

Blade or Edge – Broken tip from prying or dropping, destroyed edge due to improper sharpening, loose blade from abuse, rust due to neglect or other blade issues.

Clips – Stripped screw holes, screws sheered off, broken or missing clip or other clip issues. Replacement clips may be purchased directly through Spyderco Factory Outlet Store 800-525-7770 X107 or 303-279-8383 X107

Scale or Handle – Missing scale screws, knife action stiff, missing Kraton, or other handle issues.

WHERE TO SEND YOUR KNIFE:

When sending your knife for warranty or repair- include a description of the problem and how it occurred. Include: Company or individual name, return address (no P.O. Boxes please) daytime phone number. We recommend shipping UPS or registered mail for your tracking purposes.

SPYDERCO, INC.

Attn.: Warranty and Repair 820 Spyderco Way, Golden, CO 80403 USA

Phone: 800-525-7770 / 303-279-8383 Fax: 303-278-2229 Email: customerservice@spyderco.com

BASIC KNIFE MAINTENANCE:

Insure safe operation by regularly inspecting the knife's interior for lint, obstructions, etc. Clean the lock well and inside the handle using a toothpick, hot water and detergent. Rinse with fresh water, dry inside and out and lubricate steel components with oil/silicone. A sharp knife makes cutting easier and safer and lengthens its usable life. Like any tool, knives do wear out.

RELEASE, ASSUMPTION OF RISK, WAIVER OF LIABILITY AND INDEMINITY AGREEMENT.

By purchasing any item produced by Spyderco, Inc. the buyer assumes responsibility to ascertain and follow all applicable federal, state, local and international laws in having, owning, carrying, shipping, transporting, and use of any Spyderco product. The buyer expressly agrees to indemnify and hold harmless Spyderco, Inc. for all claims resulting directly or indirectly from the purchase, ownership, transportation or use of the item in violation of applicable federal, state and local laws or regulations. Spyderco is not liable for misuse of any Spyderco knife or product purchased either directly from Spyderco or from a dealer/distributor. You must be 18 years of age to purchase Spyderco knives. Spyderco's warranty gives you certain legal rights. You may have other rights, which vary in different states and municipalities.

* Information included in this catalog is subject to change. Modification of products, materials, measurements, technical specifications and availability can occur. Contact Spyderco for more information.

*Information in this catalog is subject to change without notice. Modification of products, materials, measurements, technical specifications and availability can occur.







- Right hand tip-up/tip-down clip
- Spine jimping
- David Boye Dent
- Handle can be engraved or embellished
- Hollow-ground blade

BY03BK Cara Cara Black

Stainless handled Cara Cara coated with a black, non-reflective Carbonitride coated handle and

- Right hand tip-up/tip-down clip
- Spine jimping
- David Boye Dent

BY03/BY03B

• Hollow-ground blade

- Ambidextrous tip-up/tip-down clip
- Spine and choil jimping
- Skeletonized nested handle liners
- Screw construction
- Phosphor bronze washers for smooth open/close action
- FRN Bi-Directional® textured handle
- David Boye Dent
- Hollow-ground blade

BY03G Cara Cara G-10

G-10 is a lightweight fiberglass laminate epoxy resin discovered hiding in the open by the knife industry in the 1980s. Initially used for hard-use durable goods like motocross bike frames, safety helmets, even

- Ambidextrous tip-up clip
- Spine and skeletonized dual steel handle liners
- Screw construction
- David Boye Dent
- Hollow-ground blade





A size smaller than the Cara Cara, Meadowlark's 3-inch blade places it smack-center into the compact folder category and its size, completely right for everyday pocket carry. Cuts large withou announcing itself when taken out of a pocket.

BY04 Meadowlark SS

handle and weight reducing cutouts.

- Right hand tip-up/tip-down clip
- Spine jimping
- David Boye Dent
- Handle can be engraved or embellished
- Hollow-ground blade

BY04B Meadowlark Black

noticed use.

- Right hand tip-up/tip-down clip
- Spine jimping

BY04/BY04B

OVERALL

BLADE

EDGE

STEEL

WEIGHT

В

 \mathbf{v}

8

Tip Carry Po

• David Boye Dent

6-7/8

2-15/

2-7/1

8Cr13

• Hollow-ground blade

Fiberglass reinforced nylon (FRN) handle is ridged and ready to stay put in a slippery hand. Perfectly proportioned for optimal efficiency and cutting power in a lean profile.

- Ambidextrous tip-up/tip-down clip
- Spine and choil jimping
- Skeletonized nested handle liners
- Screw construction
- Phosphor bronze washers for smooth open/ close action
- FRN Bi-Directional® Textured handle
- David Boye Dent
- Hollow-ground blade

BY04G Meadowlark G-10

G-10 epoxy filled woven glass fiber composite offers grip-perfect lightweight strength and rigidity.

- Ambidextrous tip-up clip
- Spine and choil jimping
- Full length dual steel handle liners
- Screw construction
- David Boye Dent
- Hollow-ground blade

BY04BK	BY

				_							_			
OSED	4-3/4"	121mm	Lanyard Hole	~	CLOSED	4-27/32"	123mm	Lanyard Hole	~	CLOSED	4-3/4"	121mm	Lanyard Hole	~
'ERALL	8-5/8"	219mm	Boye Dent	~	OVERALL	8-11/16"	221mm	Boye Dent	1	OVERALL	8-5/8"	219mm	Boye Dent	1
ADE	3-7/8"	98mm	Lock	R	BLADE	3-7/8"	98mm	Lock	R	BLADE	3-7/8"	98mm	Lock	В
GE	3-1/4"	83mm		J.	EDGE	3-1/4"	83mm		м	EDGE	3-1/4"	83mm		
EEL	8Cr13Mc	ν	Tip Carry Pos	м	STEEL	8Cr13Mov	v	Tip Carry Pos	ш	STEEL	8Cr13Mo	v	Tip Carry Pos	
IGHT	5.9oz.	166g	Handedness	-	WEIGHT	3.8oz.	109g	Handedness	也也	WEIGHT	5.5oz.	156g	Handedness	多当
GE	BY03 - P,	PS	Origin		EDGE	P, PS		Origin		EDGE	P, PS		Origin	

BY03G

6"	100mm	CLOSED	4-1/32"	102mm
	175mm	OVERALL	6-15/16"	176mm
6″	75mm	BLADE	2-15/16"	75mm
5"	62mm	EDGE	2-3/8"	61mm
Mov	v	STEEL	8Cr13Mov	/
	117g	WEIGHT	2.7oz.	76g

nm	Lanyard Hol
nm	Boye Dent
m	Lock
m	Tip Carry Po
	Handedness
	Origin

Lanyard Hole
Boye Dent
Lock
Tip Carry Pos
Handedness
Origin

le	~	CLOSED
	1	OVERALL
	R	BLADE
		EDGE
S	м	STEEL
S	也也	WEIGHT

6-7/8" 175mm 2-15/16" 75mm 2-7/16" 62mm 8Cr13Mov 3.4oz. 97g P, PS





BY11 Finch

Finches are agile, light and strong despite their small stature and per inch, yield maximum cutting in the smallest available folder. Keychain size folders present a challenge to large handed users. Finch's mid-positioned back lock and precisely placed blade pivot, position even larger fists for smooth open/closing. Two handle options. All come with a ball/clasp chain key fob.

BY11BK Finch Lightweight

FRN with feather textured handle.

• Clipless

Manana

- David Boye Dent
- Enlarged Comet Shaped Opening Hole
- Ball/clasp chain attaches to keys, purse or pack
- Weight reducing handle cutouts
- Hollow-ground blade

BY11G Finch G-10

G-10 laminate handle.

- Clipless
- David Boye Dent
- Enlarged Comet Shaped Opening Hole
- Ball/clasp chain attaches to keys, purse or pack
- Hollow-ground blade

BY11BK

CLOSED 2-9/16" 65mm OVERALL 4-7/16" 113mm BLADE 1-7/8" 48mm 1-1/2" 38mm EDGE 8Cr13Mov WEIGHT 0.6oz. 17g P, S

Lanyard Hole





CLOSED OVERALL BLADE EDGE STEEL WEIGHT

EDGE

BY11G 2-1/2" 64mr 4-3/8" 111mm 1-7/8" 48mm 1-9/16" 40mm 8Cr13Mov





BY13 8-Tool Harp



Tradesmen in 1880s England came up with the original multi-tool called a Harp Tool. Farriers, bricklayers, longshoremen and the like carried Harp Tools, named for their shape resembling the musical instrument. Inside a Harp would be implements specific to a trade or craft. Our byrd Harp is outfitted with 8 generic common-use implements. Each tool rotates out snapping open ready for work,

then folds back into the frame when finished, carrying flat in a leather belt sheath. Included: Phillipshead screwdriver, slotted-head screw driver, saw, corkscrew, file punch/awl, gimlet and a hammer with both a small and large head.



Requisite camping and backpacking gear should include Cut it. Light it. Drink it. Notch-joint (non-locking) drop-point blade opens/closes single handedly. Hollow alumi-num handle encases a standard sized lighter.

- Right hand tip-down clip
- Lanyard Hole
- Hollow-ground blade
- Lighter not included



CLOSED	3-3.4"	95mm
OVERALL	6-9/16"	167mm
BLADE	N/A	
EDGE	N/A	
STEEL	N/A	
WEIGHT	4625oz.	117g

BY13



CLOSED	3-5/8"	92mr
OVERALL	5-5/16"	135m
BLADE	1-11/16	43mr
EDGE	1-11/16	43mr
STEEL	8Cr13Mo	v
WEIGHT	3.3oz.	93g
FDCF	D	









BY20 Wings

A bird in hand is better than two in the bush. A Wings in hand has two blades in one handle. Sheepfoot blade is full serrated; the Clip-point blade is all plain edged. Blades lock and unlock independently with side-by-side LinerLocks. G-10 laminate handle.

* Intended for use with one blade open at a time.

- 4-way clip: Tip-up/down- left/right hand
- Screw together construction
- Full length dual, skeletonized steel liners
- Phosphor bronze washers for smooth action
- Hollow-ground blades
- Nylon belt carry sheath included

BY21 Wings SLIPIT

SLIPITS are a new and expanding line of folders with non-locking blades held open via a notch joint. Today's P.C. world has made lockback pocketknives persona non grata in a number of countries, and the number is growing yearly. What's a knife user to do? Sacrifice performance, pacifying non knife users, or – gravitate to pocketknives engineered for high function and safety that fit the P.C. agenda.

BY21 is our 1st dual blade non-locking folder in the byrd lineup. Stainless handle and bolsters with G-10 scales. Housed inside are dual blades: a Sheepfoot full-serrated blade and a Drop-Point plain edge blade. Blades sit shoulder-to-shoulder, opening opposite each other, independently.

*Intended for use with one blade open at a time.

- Screw together construction
- Full length dual, skeletonized steel liners
- Phosphor bronze washers for smooth action
- Notch joint holds blades open for use
- Hollow-ground blades

BY21

CLOSED	4-3/4"	121mm
OVERALL	8"	203mm
BLADE S	3-3/8"	86mm
BLADE P	3-5/16"	84mm
EDGE S	3"	76mm
EDGE P	2-7/8"	73mm
STEEL	8Cr13Mo	v
WEIGHT	5.4oz.	152g
EDGE	Clip Poin	t: P Sheepfoot: S

BY20

Lock
Tip Carry Position
Handedness
Origin

	LL	
on	$\blacktriangle \blacktriangledown$	
	마币	

CLOSED	3-3/4"	95mm
OVERALL	6-1/2"	165mm
BLADE S	2-3/4"	70mm
BLADE P	2-11/16"	68mm
EDGE S	2-1/4"	57mm
EDGE P	2-1/4"	57mm
STEEL	8Cr13Mo	v
WEIGHT	3.4oz.	97g
EDGE	Clip Point	: P Sheep



BY200 Duckfoot

Duckfoot's shapes and edges total up to more than 15 square inches of diamond coated sharpening surface. Steel form construction is plated in nickel, bonding 600 mesh mono-crystalline diamonds to the steel. Angles and sides include: 1"X5" flat diamond stone, 3-grooves: one wideradius channel for de-burring, medium and a narrow radius channels hone pointed tools. Hold the "foot" vertically on a tabletop, and tilting from side-to-side raises one edge off the table creating a 20° angle (40° total angle) for knife blades. Both sides are elliptical with a large radius for PlainEdges and a smaller radius for SpyderEdges (serrations). Position its side (horizontally) for a 12.5° scissor sharpening angle. Suede carry case doubles as a non-skid counter top pad during use. Instruction DVD included.

Country of Origin

When using diamond abrasives do not press hard while sharpening. Pressing hard dislodges the diamond particles which are only set into the plating. Gentle pressure creates better sharpening results without the possibility of damaging sharpener or blade.

Length: 7" 177mm. Steel frame nickel plated coated with 600 mesh diamond. Weight: 5.1oz 145g



Includes Instructional DVD





BYRD WARRANTY

Release, assumption of risk, waiver of liability & indemnity agreement.

By purchasing any item produced or imported by Spyderco Inc, the buyer assumes responsibility to ascertain and follow all applicable federal, state, local and international laws in having, owning carrying, shipment of, and using any Spyderco product. The buyers expressly agree to indemnify and hold harmless Spyderco Inc. for all claims resulting directly or indirectly from the purchase, ownership or use of the item in violation of applicable federal, state and local laws or regulations. Spyderco/byrd are not liable

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*Information in this catalog is subject to change without notice. Modification of products, materials, measurements, technical specifications and availability can occur. Contact your local Spyderco dealer for information.

www.byrdknife.com

Phone: **800-525-7770** • Local: **303-279-8383** • Fax: **303-278-2229**

byrd Knife

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EDGE-U-CATION

CARBON (C) Increases edge retention and raises tensile strength. Increases hardness and improves resistance to wear and abrasion.

CHROMIUM (Cr) Increases hardenability, tensile strength and toughness. Provides wear and corrosion resistance. Above 12% it yields what is generally acknowledged as stainless steel

COBALT (Co) Increases strength and hardness, and permits quenching in higher temperatures. Intensifies the individual effects of other elements in more complex steels

COPPER (Cu) Increases corrosion resistance.

MANGANESE (Mn) Increases hardenability, wear resistance and tensile strength. Deoxidizes and degasifies to remove oxygen from molten metal. In larger quantities, increases hardness and brittleness.

MOLYBDENUM (Mo) Increases strength, hardenability and toughness of steel. Improves machinability and resistance to corrosion. Prevents high temperature creep. Helps retain fine grain size and is an effective substitute for tungsten in many high-speed tool steels.

NICKEL (Ni) Adds strength and toughness

NITROGEN (N) Used in place of carbon for the steel matrix. The nitrogen atom will function in a similar manner to the carbon atom but offers unusual advantages in corrosion resistance.

PHOSPHORUS (P) Improves strength, machinability and hardness. Creates brittleness in high concentration.

SILICON (Si) Increases strength. Deoxidizes and degasifies to remove oxygen from molten metal.

SULFUR (S) Improves machinability when added in minute quantities, but can decrease toughness.

TUNGSTEN (W) Adds strength, toughness and improves hardenability.

VANADIUM (V) Increases strength wear resistance and increases toughness. Limits grain size.

The purpose of this guide is to provide a detailed look into Steel.

The world of Steel is as fluid as molten metal. It is ever-evolving.

Steel as a matter of opinion is very subjective as it relates to knives and knife knuts. There is no clear cut answer as to which is the best steel. We have different requirements and preferences.

Our hope, is this guide will help you understand the world of steel a bit better and perhaps assist you in better defining what your own preferences are and why.

A word of caution, this information is not intended to be all-inclusive, nor could it ever be.

We at Spyderco, just like all other people, gravitate towards superior products. We are committed to using the best materials available at the time. As the world of steel evolves, so do our products. There are over 3000 different types of steel, each having its own positive and negative attributes. In order to determine your own preferences, it is perhaps best to first understand the history of steel and how it is made.

Although an exact date of discovery is not known, man has been forging steel for as long as he's been working iron. Ironworkers learned to make steel by heating wrought iron and charcoal (a source of carbon) in clay boxes for a period of several days. By this process the iron absorbed enough carbon to become a true steel.

IRON by itself is a relatively soft metal, it does not hold a good edge. However, if you add Carbon it hardens the iron, making steel. Steel has proven to be ideal for making edged weapons.

At a very simplified level, making steel is like baking a cake. You follow a precise recipe to achieve the type of cake (steel) that you desire. You begin with flour (iron) and from there you add various ingredients (elements). These additional ingredients will determine what type of cake (steel) you end up with. Once you have added all of the additional ingredients (elements) you are left with a batter that is ready to bake (heat treat). Baking (heat treating) is just as much a part of the "recipe" as the ingredients (elements). If not done properly, several properties can suffer. Once baked, you have a new – completely different – finished product. Your cake will forever be a cake, it can never go back to being batter. Of course steel can be re-melted to a molten state, but that simply is the beginning of becoming a new type of steel.

Steel is an alloy of iron and carbon; just as bronze is an alloy of copper and tin. Historically, steels have been prepared by mixing the molten materials. Alloying elements are melted and dissolved into molten iron to make a steel. The molten steel is cast into an ingot, which is then rolled out (while it is still hot) and shaped much like you would roll out cookie dough. As the steel begins to slowly cool below the critical temperature, things start to happen inside the steel. At these elevated temperatures. alloying elements are able to move around in the steel, or diffuse Different elements diffuse at different rates, (typically the larger the atom, the slower it diffuses). If the alloying contents are too high for some elements to assimilate with the excess will separate or segregate out of the steel and form inclusions or possibly combine with another element to form large undesirable carbides. These diffusional processes are also controlled by the austenite grain size of the steel – grains are little packets of specifically oriented crystals. Grain boundaries act as barriers to diffusion, the smaller the grains, the more boundaries, and the slower the steel. This limits the performance capabilities of the steel both in corrosion resistance, and in wear resistant carbide

More recently, Powder Metallurgy has become the chosen method of preparation. The difference in the processing of a powdered metal allows for steel chemistries not possible with traditional steel-making practices. The process starts out the same as wrought steels – alloying elements are added and dissolved into molten iron. Then comes the main difference. The molten steel is atomized (misted into microscopic droplets) into liquid nitrogen where the steel is instantly frozen, leaving no time for diffusional processes. The chemistry of the resulting powder is identical to that in the molten vat. Additionally, there are no inclusions or large carbides that form. The austenite grain size is the size of the powder at the very largest, which is small. The powder is then cleaned and sorted by size and then the remaining ideal powder is sintered in a hot isostatic press to solidify the steel. Sintering is heating the steel to a temperature just below its melting point, and then pressing it together at high pressures to solidify or remove the voids between powder spheres. This allows for drastic changes in the steel chemistry namely in carbon and vanadium. A larger volume of the highly wear resistant vanadium. carbides form upon heat-treating. Since Vanadium has a greater propensity to interact with carbon and form carbides than it does with Chromium, most of the excess carbon is utilized in the formation of vanadium carbides. These leave the Chromium free to help keep the steel corrosion resistant. The result is a premium steel product with properties of exceptional wear-resistance and good corrosion-resistance.

Heat treating the steel to its critical temperature allows the carbon atoms to enter into the crystalline molecules of the iron which have expanded due to the heating. Quenching the steel at this point causes the molecules to contract, trapping the carbon atoms inside.

More specifically, the process of hardening steel by heat treatment consists of heating steel to a temperature at which austenite is formed. Austenite has the property of dissolving all the free carbon present in the steel. Quenching is then used to "freeze" the austenite changing it to martensite. These treatments set up large internal strains in the steel; these are relieved by tempering (further heating the steel at lower temperatures). Tempering the steel decreases the hardness, strength and brittleness. It however, increases the ductility and toughness.

Steels are classified accordingly with the elements used in production. These classifications are, Carbon Steels, Alloy Steels, High-Strength Low-Alloy Steels, Stainless Steels, Tool Steels and Exotic Steels (non steel).

CARBON STEELS contain varying amounts of carbon and not more than 1.65% of manganese and .60% of copper. There are 3 types of Carbon Steels, Low (.3% or less), Medium (.4-.7%) and High (.8% and up). High carbon is commonly used for knives.

ALLOY STEELS have a specified composition, containing certain percentages of vanadium, molybdenum, or other elements, as well as larger amounts of manganese, silicon, and copper than do regular carbon steels.

HIGH-STRENGTH LOW-ALLOY STEELS known as HSLA steels are relatively new. They cost less than do regular Alloy Steels because they contain only small amounts of the expensive alloying elements. They have been specially processed, however, to have much more strength than Carbon Steels of the same weight.

STAINLESS STEELS contain a minimum of 12% Chromium.

The Chromium provides a much higher degree of rust resistance than Carbon Steels. Various sources site differing minimum amounts of Chromium required to deem a steel as stainless (10-13%). It is important to note, that the amount of Chromium needed

STEEL ELEMENTS

can be dependant upon the other elements used in the steel.

TOOL STEELS contain Tungsten, Molybdenum and other alloying elements that give them extra strength, hardness and resistance to wear.

EXOTIC STEELS are generally accepted as steel, but by definition are not steel. Examples of Exotic Steels include H1, ZDP-189. Talonite and Titanium.

There is an old proverb, "There was never a good knife made of bad steel." This statement, just like steel itself, is completely subjective as it relates to knives and knife knuts. We hope this information provides you with a foundation to make your own determinations where steel is concerned.

PROPERTIES OF STEEL

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.

AUSTENETIZED The basic steel structure state in which an alloy is uniformly dissolved into iron.

CRITICAL TEMPERATURE The temperature at which steel changes its structure to austenite in preparation for hardening.

CORROSION RESISTANCE The ability of a material to resist deterioration as a result of a reaction to its environment. Provided by the elements Chromium (Cr), Copper (Cu), Molybdenum (Mo) and Nitrogen (N).

DUCTILITY The ability of a material to be stretched or drawn, plastically deform appreciably before fracturing. Provided by the element Manganese (Mn).

EDGE RETENTION The ability of a material to resist abrasion and wear. Provided by the elements Carbon (C), Chromium (Cr), Manganese (Mn), Nitrogen (N) and Vanadium (V).

GRIT The physical size of the austenite grains during austenizing. The actual size can vary due to thermal, time and forging considerations.

HARDNESS The resistance of a steel to deformation or penetration analogous to strength. Provided by the elements Carbon (C), Chromium (Cr), Cobalt (Co), Molybdenum (Mo), Nitrogen (N) and Phosphorus (P).

HARDENABILITY The ability of a steel to be hardened by a heat treating process. Provided by the elements Manganese (Mn), Molybdenum (Mo) and Tungsten (W).

HEAT TREATING A controlled heating and cooling process to prescribed temperatures and the limits for the purpose of changing the physical properties and behavior of the metal.

IMPACT STRENGTH The ability of a material to resist cracking due to a sudden force.

MARTENSITE A very hard and brittle steel with a distorted body centered tetragon crystal structure.

PRECIPITATION The separation of a substance that was previously dissolved in another substance.

QUENCHING Soaking of steel that has reached a high temperature (above the recrysallization phase) in a medium of air, liquid, oil or water to rapidly cool it. Quenching steel creates

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.

TEMPERING Slow, steady heating of martensite steel to just below recrystallization temperature followed by a controlled consistent cooling phase for the purpose of slightly softening the steel, precipitating carbides, stress relieving.

TENSILE STRENGTH Indicated by the force at which a material breaks due to stretching. Provided by the elements Chromium (Cr) and Manganese (Mn).

TOUGHNESS The ability of a material to resist shock or impact. Provided by the elements Chromium (Cr).

YIELD STRENGTH The point at which steel becomes permanently deformed; the point at which the linear relationship of stress to strain changes on a Stress/Strain curve.

ARS

A black amorphous thermoplastic polymer with high impact strength.

Almite

A coating used on aluminum handles similar to anodizing. Resistant to scratching and marring, it can also be tinted to any color for visual appeal.

Alumina Ceramic

The compound used for Spyderco sharpening stones. It is a ceramic-bonding agent mixed with alumina particles (synthetic sapphires), shaped, then kiln fired at temperatures in excess of 3000 degrees F.

Ambidextrous

Using both hands with equal ease. Pertaining to knives, it is a knife that is not solely designed for a left-or right-handed person but can be used with equal ease by both hands.

Balisong/Butterfly

A knife design believed to have originated in the UK, brought to the Philippines by English sailors, and was adopted and popularized in the Philippines. Often used in Filipino martial arts. The knife has two separate handle sections that rotate round the blade's pivots to create a handle and then rotate back covering and protecting the blade when closed.

Bolster

A piece of metal, generally nickel silver or stainless steel, that is located at one or both ends of a folding knife handle.

Boltaron

A recycled ABS/acrylic PVS extruded alloy sheet material used for making sheaths. It has excellent impact strength and abrasion, chemical, and fire resistance properties.

Caping

A term to describe the careful and detailed cutting and removing of the hide from a game animal for the purpose of taxidermy. More precisely it refers to removing the skin from the head, shoulders and neck.

Carbide

A hard, sharp carbon/iron material used where a very hard material is needed such as in machining or drilling steel. Spyderco uses carbide to make the glass-breaking tip found on the C79 Assist model.

Center Line Grind

A grind down the center of a blade equally dividing it into halves. On the SpyderFly only the bottom edge is sharpened and the top of the dagger grind is left unsharpened creating a false edge.

Choil

A choil is a round cut out separating the cutting edge from the ricasso. It is also used to describe a cut out, molded or formed area where the handle and blade meet which positions/guards the index finger while gripping the opened knife.

CI IPIT

Spyderco's trademarked term for their line of folding knives which feature a pocket clip. A CLIPIT fan is often called a CLIPITEER.

Cobra Hood™

A machined flange of steel positioned over the Spyderco round opening hole on the spine of the blade which directs/positions your thumb over the hole for quickly opening the knife blade. See Spyderco C79 Assist.

David Boye Dent

Custom knifemaker David Boye removed a small arc or dent of metal from the lock bar lever of his knives. This removed piece lessened the possibility of gripping the handle hard enough to depress the lock and accidentally unlock the blade while using the knife.

Detent

A minute divot or dimple machined into the blade tang. A ball bearing drops into the detent hole when the knife is in the closed position, holding the knife blade closed inside the handle.

Diamond Coating

The mechanical entrapment of diamond crystals into a metal substrate. This process operates by depositing metal, layer by layer, from a plating solution until enough metal is built up around the diamond crystals to hold them in place.

DLC Coating

DLC (Diamond like carbon) is combined diamond (AP3) and graphite (SP2) used for coating blades and parts.

Double Flat-ground

A blade that is ground flat on both sides of the blade, tapering to an edge with no radius.

EDC

An acronym for Everyday Carry meaning a knife that is carried and used daily.

ELU

Acronym for "end-line user", the consumer who uses Spyderco knives and sharpeners.

Embellishment

Term used to describe personalized engraving or additional ornamentation added to a knife after it is manufactured.

Emerson Opener

Blade opening device invented and patented by Mr. Ernest Emerson of Emerson Knives. It is a hook protruding from the blade's spine that catches the edge of the pant's pocket when drawing out –down - and back, opening the blade as you deploy the folder. Licensed from Ernest Emerson, Pat. 5.878,500.

EMT

Acronym for Emergency Medical Technician

Ergonomics

The applied science of equipment design intended to maximize productivity by reducing operator fatigue, safety and

discomfort. Knives which are designed to be comfortable and less fatiguing to use are labeled "ergonomic."

Finger Choil

A purposeful and specific area/curve cut out between the blade and handle. It creates a grip position point closer to the cutting edge for better control while cutting.

Handguard

Protrusion/expansion on the knife's handle proximal to the blade keeping the hand safely positioned on the handle inhibiting sliding forward.

Hawkbill Blade

Blade shaped in a sharply curved hook like the talon of a raptor. The inside edge of the blade is sharpened and works particularly well for commercial fishermen who reach out and pull toward them while cutting line, webbing and netting.

High Alumina Ceramic

The compound used for Spyderco sharpening stones. It's a ceramic-bonding agent mixed with alumina particles (synthetic sapphires), shaped then kiln fired at temperatures in excess of 3000 degrees F.

Integral Pocket Clip

Pocket clip that is molded as part of (integral to) the handle rather than a separate component attached with screws. Found on Spyderco model C28PBK Dragonfly.

Jimping

Small serrations or texturing located on the choil of a knife's handle, and elsewhere, where the hand grips. Jimping creates tactile resistance, adds purchase, traction and slip-resistance.

Kick

The unsharpened portion along the underside of the knife blade where the edge begins. Keeps the blade "kicked out" so the edge does not hit the back spacer.

Kraton

A rubbery thermoplastic polymer used as a flexible inlay on knife handles for enhanced grin

Lanyard Hole

A hole placed in the end of a knife handle. Originally used by sailors who would place a cord through such a hole in their knife to keep from losing it overboard.

Left/Right Hand Carry

Knife clip that is manufactured to affix ambidextrously to either side of the knife positioning the folder for use by left- and right-handed people.

LEO

Acronym for Law Enforcement Officer

Little Bia Knife

Term coined by Spyderco to describe a small bladed knife (generally under three inches) that is manufactured using features and materials that allow the knife to be

used for strenuous or hard cutting normally

EDGE-U-CATION

used for strenuous or hard cutting normally done with larger, heavier tools.

Nesting

Hollowing out a section in G-10 or other handle material on the inside of the handle where the lock and or liner is then inset/inlayed and fitted into the hollow section. Nesting increases strength and creates a thinner overall profile to the knife.

Peel-Ply Carbon Fiber

A carbon fiber filled, epoxy resin lay-up that has textured material placed on the surface to protect the material during manufacturing. After manufacture the material is removed and it leaves a grippy texture in the epoxy making a non-slip handle material.

Phosphor Bronze Washers

The washer between the scale or the liners, and the blade, made of phosphor bronze. It acts like a liquid lubricant would, making open/close action smooth.

Pommel

The knob or expansion found on the end of a sword or knife.

Quillion

A handguard protruding from both sides of the handle (where the handle and blade meet), which stops the hand from slipping up onto the blade.

SAS

Acronym for Save and Serve referring to military personnel, law enforcement, fire/rescue and emergency response professionals.

Scale

A knife handle made of scales or slabs of material that are riveted, screwed or bonded together.

Skeletonized Liners

Internal steel handle liners that have been hollowed out (skeletonized). In removing sections of steel, bulk and weight is lessened while allowing the liner to maintain its strength and rigidity.

Slip Joint

Non Locking Blade -- a blade having a spring acting against it, which provides some resistance to its opening and closing as it pivots within the handle.

SLIPIT

Spyderco and byrd Knife folders with nonlocking blades held open via a notch joint and a pocket clip. A CLIPIT with a slip joint blade, thus SLIPIT.

Spine Cusp

A point or crest above The Spyderco Round Hole that creates a spot where the thumb is placed and offers leverage while holding the knife and cutting.

Spine Jimping

Small serrations or texturing located on the spine of a blade where the hand or finger grips. Jimping creates tactile resistance, adds purchase, traction and slip-resistance.

Sprint Run

A limited, one time only, production of a knife design/model. Production numbers are typically less than 1500 pieces.

Spyderco Trademark Round Hole™

Round hole located in the knife blade.

Tang

The portion of the blade where it connects to the handle.

Tip-Up/Tip-Down

Refers to which direction the folded knife is positioned by its pocket clip. When closed and clipped in a pocket, whichever direction (up or down) the blade's tip sits defines if it is termed tip-up or tip-down.

Titanium

A non-ferrous metal with high tensile strength is lightweight and resistant to corrosion. Often used for handle material or knife liners.

TRADEMARKS & PATENTS

The following marks are recognized trademarks of Spyderco, Inc.: Advntr, Adventura, Aqua Salt, Assist, Assist Salt, Atlantic Salt, A.T.R, At The Ready, BaliYo, Ball Bearing Lock, Bi-Directional Texturing, Bi-Fold, Black Hawk, Bodacious, Bug Design, Bushcraft Knife, byrd knife, byrd Rench, Caly3, Calypso, Calypso Jr., Captain, Cara Cara, Cara Cara Rescue, Caspian Salt, Catbyrd, Catcherman, Chinook, Citadel, Civilian, Clip-Kit, CLIPIT, Clutch-Lock, Cobra Hood, ComboEdge, CombinationEdge, Compression Lock, CoPilot, Cricket, Critter Line, Crossbill, Crow, Dayhiker, Delica, Delica, Delica II, Delica III, Delica, DK Penknife, Dodo, Double Stuff, Dragonfly, Duckfoot, Dyad, Dyad Jr., Edge-U-Cation, Embassy, Endura, Endura II, Endura III, Endura4, Evolution Edition, Executive, Finch, Firebyrd, Flight, Forager, Forester, Galley "V", Golden Stone, Gunting, Harp, Harp Tool, Harpy, Hummingbird, Hunter, Impala, Ironstone, Jester, Jumpmaster, Kinetic Opening, Kiwi, Kopa, Kris Folder, Kumo, LadyBug, LadyBug II, Ladybug3, Lava, Little Big Knives, Lil'Temperance, LBK, Manix, Mariner, Mariner Salt, Matriarch, Meadowlark, Meadowlark Rescue, MeerKat, Merlin, Micro Dyad, Military Model, Mini Dyad, Mini Mariner, Mini Probe, Native, Native II, Native II, Native 4, Navigator, Ocelot, P'Kal, Para-Military, Pacific Salt, Pegasus, Pelican, Persian Folder, Phantom Lock, Pikal, PlainEdge, Police Model, Police3, Pre-Diver, Poliwog, Pride, Probe, Pro Culinaire, ProFile, Pro-Grip, Pro-Venator, "Q", "R", Raven, Remote Release, Renegade, Rescue, Rescue Jr., Robin, Rock Salt, Ronin, Rookie, "S", Salsa, Salt Series, Salt I, Samaritan, Saver Salt, Scorpius, SecureLock, SecurLok, Shabaria, Sage, Sharpmaker, SLIPIT, Slip-It, SmallFly, Snap-It, Sprint Run, S.P.O.T., Solo, Speed Sleeves, SpringClip, SpringLock, Sprint Run, Spur, SpyderCard, Spyderco, Spyderco Trademark Round Hole, SpyderEdge, SpyderFly, SpyderHawk, Spyderkey, SpyderPac, SpydeRench, SpyderSaw, SpyKer, Standard, Starling, Starmate, Street Beat, Stretch, Stretch2, Swick, SuperHawk, SzaboFly, T-Mag, Tasman Salt, Temperance, Tenacious, Trakk'r, Tri-Angle Sharpmaker, UK Penknife, Urban, Vagabond, Vesuvius, Volcano Grip, Volpe, Wings, Woodlander, Worker, Yin Kitchen Knife, Yang Kitchen Knife, Yojimbo. 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", "Those Who Know Carry Spyderco" "Crafted For Life" "No Rust for the Weary". "Spyderco Originality: Think for Yourself. Design for Your Customer. Copy no One." The following marks, designs and slogans are registered trademarks of 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:

728008, TMA502,771, 2,033,317, 669,496, TMA468,742, 262519, 2,032,472, 742,785, 5,078,966, 2,169,685, 1,965,458, 1,957,810, 669,495, TMA479,238, 472191, 2,032,465, 4183125, 742,786, 2,003,071, 1,957,810, 2,239,296, 2,184,213, 2,334,210, 2,211,545, 2,148,511, 2,171,620, 2,063,446, 2,171,899, 2,250,477, 2,494,673, 2,491,361, 2,550,975, 2,230,394, 2,464,061, 3,131,425, TMA711,890, 5,557,913, 3,169,987, TMA707204, 5,557,905, 3,337,795, 3,411,590, 4,347,665, 4,776,094, 2,661,729, 105780, 1,130,567, DE3041584, GB2084058, DE3217529, DE3834295, D382,189, D381,060, D382,459, D379,294, D389,389, 999820, 64569, 5,689,890, 5,983,506, 92628, D387,966, 5,704,129, D386,664, 64645, D419,336, 5,704,129, 5,884,467, 6,161,371, D391,465, 5,799,400, D349,837, D422,052, D401,129, 5,928,069, D388,150, D389,718, D402,524, D402,177, D404,990, D402,178, D411,431, 6,101,723, 5,920,935, 135171, 5,964,036, DE 19837901.3, D434,631, D333,081, D333,251, D337,253, D344,006, D349,837, D353,988, 4,070,011, 4,231,194, 4,640,058, 4,347,665, 4,776,094, 5,379,492, 5,580,019, 5,615,484, 5,628,117, D403,567, 6,205,667, D411,790, D406,038, D 418,383, D422,871, D425,391, 6,101,723,102268, D421,378, D427,500, 1099467, D435,420, 6,125,543, D422,875, 171837, DE49910779.9, 1101980, 75270, D436,014, D429,138, 6,725,545, D441,827, D468,985, D438,443, D442,460, 6,553,672, D422,461, 6,751,868, D461,387, D 444,093, D464,551, D487,494, 6,918,184, D442,460, 6,553,672, D422,461, 6,751,868, D461,387, D 444,093, D464,551, D487,494, 6,918,184, D442,460, 6,553,672, D422,461, 6,751,868, D461,387, D 444,093, D464,551, D487,494, 6,918,184, D442,460, 6,553,672, D422,461, 6,751,868, D461,387, D 444,093, D464,551, D487,494, 6,918,184, D442,460, 6,553,672, D422,461, 6,751,868, D461,387, D 444,093, D464,551, D487,494, 6,918,184, D442,460, 6,553,672, D422,461, 6,751,868, D461,387, D 444,093, D464,551, D487,494, 6,918,184, D442,460, 6,553,672, D422,461, 6,751,868, D461,387, D 444,093, D464,551, D487,494, 6,918,184, D442,2602. Other U.S. and foreign patents pending.

Ball Chain, Cordura, CPM®, Crucible, Empire/Boltaron, H-1®, Kevlar, KRATON, Kydex, Linerlock, Micarta, Para Cord, Tek-Lok, 440V and S30V 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. Emerson Opening Feature licensed under Emerson Pat. #5.878.500.

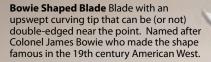
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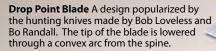


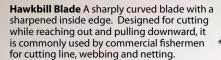


BLADE SHAPES

Assist Blade (Patented blunt tip) Hollow ground blade with a blunt tip designed to prevent accidental puncturing or poking. Designed for cutting webbing, rope, seatbelts or clothing.





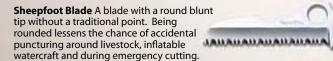


Jimping Small serrations or texturing found on a blade's spine and/or in a finger choil where the thumb and/or fingers grip the knife. It creates tactile resistance and improves grip traction.

Leaf Shaped Blade A blade shape Spyderco has been developing and refining since the mid- 1990s. It has a more distinct point than a spear point blade.

Modified Clip Point Blade A blade ground on the top (spine) in an angled or sweeping line downward. The underside (where the sharpened edge is located) is ground upward The two angles meet at the tip determining the depth of the blade's belly.

Reverse "S" Blade Blade shape resembling a backwqard S with the tip curing downward. The thickest part of the blade (the belly) curves in the same direction as the tip.



Spear Point Blade Blade shaped with an equal amount of curve on the spine and the cutting edge with a distinct separating grind line. The two curves meet, coming together at the point.

Emerson Patented Blade Opening Feature A blade opening feature invented and patented by Ernest Emerson. It is a hook protruding from the blade's spine that opens the knife's blade when drawing it from a pocket by catching on the pocket's edge.

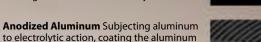
Wharncliffe Blade A blade in which the point of the knife drops downward from the spine meeting a straight cutting edge at the blade's tip.

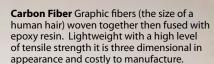


Almite A coating used on aluminum handles, similar to anodizing. It resists scratching and marring and can be tinted to any color.

MINITALIBILATION

MENERSHA!



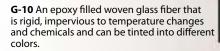


with a protective and decorative film.





Volcano Grip Our trademarked waffle texture found on several of our FRN handled knife models. It is a continuous pattern of small squares providing tactile resistance to slipping while gripped in the hand.



Kraton A rubbery thermoplastic polymer used as flexible inlays on knife handles enhancing grip.

Micarta Composite of linen or paper fabric that is impregnated with epoxy resin then formed into lightweight, durable and visually appealing handles. It can be polished or bead blasted to change its appearance and texture.

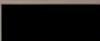
Natural Materials Natural materials such as jigged bone, leather, mother of pearl, abalone, stabilized woods and stone that are used in making and embellishing handles.

Peel Ply Carbon Fiber: A carbon fiber filled, epoxy resin lay-up that has textured material placed on the surface to protect the material during manufacturing. After manufacture the material is removed and it leaves a grippy texture in the epoxy making a non-slip handle

Stainless Steel Steel containing a minimum of 12.5% chromium, making the steel resistant (not stain proof) to corrosion. The chromium oxide (CrO) creates a barrier to oxygen and moisture inhibiting rust formation.

Titanium A non-ferrous metal used in knife manufacturing for its high tensile strength, light weight and corrosion resistance. Often used for clips (Salt Series), handles and liners.



























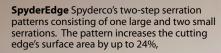




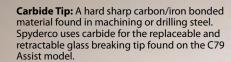


EDGE-U-CATION

PlainEdge A sharpened knife blade with no serrations or teeth sometimes referred to as a "smooth blade".



HEHEHEHEH



CombinationEdge A blade that is partially PlainEdge and partially SpyderEdge at the cutting edge.

Trainer A non-sharpened blade that is identical in weight and proportion to its live counterpart and used for training and practice purposes. Spyderco trainers are red handled denoting they are non-sharpened.

SPYDERCO LOCKING MECHANISMS

Back Lock (B) Locking system positioned on the spine of the handle that uses a rocker arm which pivots in the center. A protrusion on one end of the arm connects with a notch on the blade's tang locking the blade open.

Ball Bearing Lock (BB) A patented compressive lock, wedging a stainless steel ball bearing between a fixed anvil and the blade tang. The ball is also utilized to detent the blade into the closed position.

Chris Reeve Style Integral Lock (RIL) Developed by custom knifemaker Chris Reeve using the original Walker LinerLock in an integral form. It functions like a traditional LinerLock with the lock's liner comprised from part of the handle scale.

Compression Lock (CL) A small piece of metal that is inserted, from the side, in between the blade tang and the stop pin (or anvil pin)

Walker LinerLock (LL) Locking system developed by customer knifemaker Michael Walker. The blade is locked open by a leaf-like spring that comes in from the side, butting up against the tang of the blade.

Notch Joint (L) A non-locking blade held open by a spring acting against it, providing resistance to its' opening and closing as it pivots within the handle.

SLIPIT (L) Spyderco and byrd Knife folders with non-locking blades held open via a notch joint and a pocket clip. A CLIPIT with a slip joint blade, thus SLIPIT.

GRINDS

Flat Saber Grind (Scandi) An edge ground completely flat without a radius that tapers from the cutting edge to a grind line down the center Full Flat Grind A flat grind, leaving a completely flat surface ground from the blade's edge all the way to its' spine.

Hamaguri Also called an Appleseed or Moran grind. It's a convex grind made on a slacked belt sander.

Hollow Grind A thin or shallow edge that is ground with a radius, leaving a concave shape above the cutting surface.

Single Bevel Grind Also called a chisel grind. The edge is flat or hollow ground but on only

Spine Swedge Also called a false edge, it's an edge on the back of the blade's spine that is chamfered or non-sharpened. The swedge removes weight from the blade adding balance and penetration performance.

Zero Grind Similar to a full-flat grind but without the secondary grind for the edge. The edge is the same grind as the primary creating a single flat side.

Zero Grind Saber (Scandi) Similar to a flat ground saber (Scandi) but without a secondary grind for the edge. The edge is the same grind as the primary grind.

BLADE COATINGS

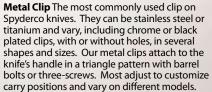
Black Electric Plating A non-reflective coating adhered to steel using an electrostatic process. It eliminates the steel's reflective quality.

DLC (Diamond Like Carbon coating) is combined diamond (AP3) and graphite (SP2) used for coating blades and parts.

Titanium Carbonitiride Coating A ceramic film coating that is hard (92Rc) less than 3 microns thick. It provides high abrasion resistance and low friction coefficient.

CLIPS

Integral Pocket Clip Pocket clip molded as part of (integral to) the handle rather than a separate component attached with screws. Found on Spyderco's C28BK Dragonfly Lightweight



Wire Clip A heat treated wire held in place on the scale by a screw or barrel bolt. Some wire clips are designed to carry deep in a pocket, some have a higher profile, positioning the knife higher and closer to the pocket's edge.

Shackle Clip A spring-loaded barrel clip with a release pin positioned near the Spyderco Round Hole letting you unhook and open the folder in one motion without needing to rotate the knife in hand. It snaps through a loop for attachment to a PFD, spray skirt, harness, buoyancy equipment or carabineer. Found on the C30BK2 Remote Release2.















STEEL CHART

STEEL	CARBON	CHROMIUM	COBALT	COLUMBIUM	COPPER	MANGANESE	MOLYBDENUM	NICKEL	NITROGEN	PHOSPHORUS	SILICON	SULFUR	TUNGSTEN	VANADIUM
1095	0.90-1.03					0.30-0.50				0.04		0.05		
5160	0.56-0.64	0.70-0.90				0.75-1.00				0.04	0.15-0.30			
52100	0.98-1.10	1.30-1.60				0.25-0.45				0.03	0.15-0.30	0.03		
154CM	1.05	14.00					4.00							
20CV	1.90	20.00				0.30	1.00				0.30		0.60	4.00
420J2	0.15	12.00-14.00				1.00				0.04	1.00	0.03		
420 Modified	0.38	13.60				0.50					0.75	0.03		0.30
425 Modified	0.40-0.54	13.50-15.00				0.50	0.60-1.00			0.04	0.80	0.03		0.10
440A	0.65-0.75	16.00-18.00				1.00	0.75			0.04	1.00	0.03		
440B	0.75-0.95	16.00-18.00				1.00	0.75			0.04	1.00	0.03		
44oC	0.95-1.20	16.00-18.00				1.00	0.75			0.04	1.00	0.03		
440XH	1.60	16.00				0.50	0.80	0.35			0.40			0.45
8Cr13MoV	0.80	13.00				0.40	0.15	0.20		0.02	0.50	0.01		0.10
9Cr18Mo	0.95	16.00				0.30	0.50	0.10		0.02	0.50	0.01		
A-2	1.00	5.25				0.85	1.10				0.35			0.25
ATS-34	1.05	14.00				0.40	4.00			0.03	0.35	0.02		
ATS-55	1.00	14.00	0.40		0.20	0.50	0.60				0.40			
AUS-10	0.95-1.10	13.00-14.50				0.50	0.10-0.31	0.49		0.04	1.00	0.03		0.10-0.27
AUS-6	0.55-0.65	13.00-14.50				1.00		0.49		0.04	1.00	0.03		0.10-0.25
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
BG-42	1.15	14.50				0.50	4.00				0.30			1.20
CPM®-3V	0.80	7.50					1.30							2.75
CPM®-9V	1.78	5.25					1.30							9.00
CPM®-10V	2.45	5.25					1.30							9.75
CPM®-15V	3.40	5.25					1.30							14.50
CPM®-M4	1.40	4.00				0.30	5.25				0.55	0.06	5.50	4.00
CPM®-S30V	1.45	14.00					2.00							4.00
CPM®-S6oV(44oV)	2.15	17.00				0.40	0.40				0.40			5.50
CPM®-S90V(420V)	2.30	14.00					1.00							9.00
CPM®-S110V	2.90	14.10	2.25	3.60		0.40	3.65				0.60		0.20	9.10
D-2	1.55	11.50					0.90							0.80
GIN-1	0.90	15.50				0.60	0.30			0.02	0.37	0.03		
H-1 [®]	0.15	14.00-16.00				2.00	.50-1.50	6.00-8.00	0.10	0.04	3.00-4.50	0.03		
Hitachi Blue Super Steel	1.40-1.50	0.30-0.50				0.20-0.30	0.30-0.50			0.03	0.10-0.20	0.00	2.00-2.50	0.50
M-2	1.00	4.15					5.00						6.40	1.95
MBS-26	0.85-1.00	13.00-15.00				0.30-0.60	0.15-0.25			0.04	0.65	0.01		
MRS-30	1.12	14.00				0.50	0.60				1.00			0.25
N69oCo	1.07	17.00	1.50			0.40	1.10				0.40			0.10
0-1	0.85-1.00	0.40-0.60				1.00-1.40		0.30			0.50			0.30
Sandvik 12C27	0.60	13.50				0.40				0.03	0.40	0.01		
Sandvik 12C27 Mod.	0.52	14.50				0.60				0.25	0.40	0.01		
Vascowear	1.12	7.75				0.30	1.60				1.20		1.10	2.40
VG-10	0.95-1.05	14.50-15.50	1.30-1.50			0.50	0.90-1.20			0.03	0.60			0.10-0.30
W-1	0.70-1.50	0.15				0.10-0.40	0.10	0.20			0.10-0.40		0.50	0.10
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
X-15TN	0.42	15.55				0.46	1.70	0.30	0.21	0.02	0.23	0.00		0.29
ZDP-189	3.00	20.00												

STEEL CHART

