

# PRODUCT GUIDE

























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# Quality is the Product of a Good Attitude.

Telling you what's exceptional about Spyderco Knives in a catalog is just words, words, words. Don't believe us. Believe our customers. People who buy a Spyderco knife use it everyday, come to rely on it and almost always buy another one. And maybe another one. And possibly one after that.... Here's what they say:

I have the highest quality, most dependable blade in my pocket ever made.

Andy from Arkansas

I came across a motor vehicle accident while on duty. A young man was trapped inside tugging wildly at his seatbelt in hysterics trying to breathe. I simply opened my newly purchased Spyderco and cut the belt without much effort. The immediate relief on his face as he took in air sold me for life.

Thanks for a superb product that has withstood

Thanks for a superb product that has withstood my clumsy fingers, lousy sharpening techniques and 28 years of perfect service!

From someone working in construction, I have had other knives and none are as indestructible, reliable and functional. I continue being a customer and supporter and promise to make fun of anyone who would carry anything else.

As I near the half-way point of another rotation in Iraq, I'm reminded day in and day out, from the most demanding tasks outside the wire to opening that package from home, your product is outstanding and your dedication to your craft is evident.

It's been thirty years since we started making knives. The motivation galvanizing Spyderco is building functional high-quality and innovative cutting tools. It mattered then, it matters very much to us now and we know it mat-



ters to our customers. We continue being inspired to innovate, focus on reliability and do our best to impress our customers. Quality is the product of a good attitude and reliable high-performance is more than a catch phrase.

Our appreciation for your patronage.

The Spyderco Crew

When you need a drill, you're not really looking for a drill. You're looking to make a hole.

When you need a knife, you're not looking for a knife, you're looking to separate something from something else.

- Sal Glesser, President of Spyderco

#### **THE CLIPIT**

I'm a fixed blade guy. I was promoted at work which required cutting open cardboard boxes and nylon strapping most of my day. I bought a CLIPIT as I found it inconvenient wearing the fixed blade in an office and I don't wear a belt. I appreciate this knife more every time I use it. It's comfortable in my hand, easy to find, open and use. Clipped to my pocket it's become my third hand and I know where it is, always.



Many people didn't discover Spyderco until the

release of our Delica and Endura models in the

early 1990s. Prior to that we made stainless steel

handled CLIPITS, but top-quality lightweight one-

hand-open folders that carried in a pocket with a clip

were animals that didn't exist. With their launch, Enduras



**©** C11BBK DELICA4

Steel: VG-10 Weight: 2.5oz (71g) Edge: PS Country of Origin: Japan 🔊 Clip: Left/Right 🙌

#### FFATURES

- 4-way Clip: Tip up/down
- Screw-together construction
- Skeletonized steel internal
- Phosphor bronze washers
- Textured™ Handle

- · Enlarged opening hole

7-1/8in 181mm

**Edge** 2-9/16in





BBK

Tip Carry: Up/Down

- left/right hand

- FRN Bi-Directional
- David Boye Dent
- Spine Jimping
- Flat saber-ground blade

**MEASUREMENTS** 1

Blade 2-7/8in

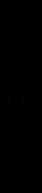
73mm











C11<sub>BK</sub>

SPECS

Steel: VG-10

Edge: P/PS/S

**FEATURES** 

left/right hand

Weight: 2.5oz (71g)

Country of Origin: Japan

Clip: Left/Right

Tip Carry: Up/Down

• 4-way Clip: Tip up/down

• Screw-together construction

• Skeletonized steel internal

Phosphor bronze washers

• FRN Bi-Directional

Textured™ Handle

· Enlarged opening hole

• Flat saber-ground blade

• David Boye Dent

Spine Jimping

MEASUREMENTS

#### **FFATURES** • 4-way Clip: Tip up/down

Steel: VG-10

Edge: PS

Weight: 3.60z (103g)

Clip: Left/Right

Tip Carry: Up/Down

Country of Origin: Japan

BBK

- left/right hand
- Screw-together construction • Skeletonized steel internal
- Phosphor bronze washers
- FRN Bi-Directional
- Textured™ Handle
- David Boye Dent • Enlarged opening hole
- Spine Jimping
- Flat saber-ground blade

**MEASUREMENTS** 8-3/4in

222mm Blade 3-3/4in 96mm

**Edge** 3-7/16in

Closed

#### **C10TR SPECS**

0

C10BK

**ENDURA4** 

LIGHTWEIGHT

Steel: GIN-1 Weight: 3.60z (103g) Country of Origin: Japan Country of Origin: Japan Clip: Left/Right

Tip Carry: Up/Down Av

• Mechanically identical to

the sharpened version

Red handle denotes the

• 4-way Clip: Tip up/down

• Screw-together construction

Skeletonized steel internal

Phosphor bronze washers

• FRN Bi-Directional

left/right hand

**FEATURES** 

Tip Carry: Up/Down AT

#### **FFATURES**

C10<sub>BK</sub>

SPECS

Steel: VG-10

Edge: P/PS/S

Weight: 3.6oz (103g)

Clip: Left/Right

# • 4-way Clip: Tip up/down

- Screw-together construction
- Skeletonized steel internal
- Phosphor bronze washers • FRN Bi-Directional
- Textured™ Handle

• Flat saber-ground blade

Spine Jimping

**MEASUREMENTS** 

Overall 8-3/4in

Blade

3-3/4in

**Edge** 3-7/16in

5in 127mm

- David Boye Dent Textured™ Handle • Enlarged opening hole
  - David Boye Dent
  - Enlarged opening hole Spine Jimping
  - Non-sharpened blade for safe training

#### **MEASUREMENTS**

8-9/16 in 217mm

















and Delicas set an industry standard for high

performance, worry-free reliability, failsafe

materials and designs. In the 1990s they

filled a vacuum in the knife industry,

in 2010 they are still impressing.

C10BBK

**ENDURA4** 

LIGHTWEIGHT **BLACK BLADE** 

> With non-reflective black carbonitride coated



**Overall** 

7-1/8in

#### 178mm Riade 2-3/4in Closed

**Overall** 

4-1/4in



C11BK DELICA4

**LIGHTWEIGHT** 

C11TR SPECS

Weight: 2.6oz (73g)

Clip: Left/Right

Tip Carry: Up/Down

• Red handle denotes the

4-way Clip: Tip up/down

Screw-together construction

Skeletonized steel internal

· Phosphor bronze washers

• FRN Bi-Directional

David Boye Dent

• Spine Jimping

**MEASUREMENTS** 

Textured™ Handle

Enlarged opening hole

Non-sharpened blade

left/right hand

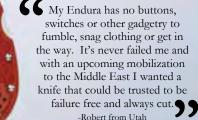
Country of Origin: Japan

Steel: GIN-1

**FFATURES** 







**C11TR DELICA4** 

**TRAINER** 



The genetic winner in the race of ultra-high-carbon powdered

blade steels is ZDP-189. Its high-performance edge retention

makes it exotic and in high demand. Other knife companies

offer it on pricey high-end knives. We use it on our working-

man's folders, the Endura4 and Delica4, letting hard-users and

steel junkies alike experience and appreciate its edge holding

performance without breaking the bank.



**C10FG ENDURA4 FOLIAGE GREEN LIGHTWEIGHT** 

Steel: VG-10 Weight: 3.6oz (103g) Edge: PS Country of Origin: Japan 💌 Clip: Left/Right 60 Tip Carry: Up/Down ▲▼

#### **FEATURES**

- 4-way Clip: Tip up/down left/right hand
- Screw-together construction
- Skeletonized steel internal
- Phosphor bronze washers
- FRN Bi-Directional Textured™ Handle
- David Bove Dent
- Enlarged opening hole

**MEASUREMENTS** 

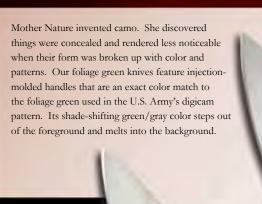
- Spine Jimping
- Flat saber-ground blade

**Overall** 8-3/4in 222mm

Blade 3-3/4in 96mm

Edge 3-7/16in





# Weight: 2.5oz (71g) Country of Origin: Japan Clip: Left/Right 🚱 Tip Carry: Up/Down \*\*

#### **FEATURES**

Steel: ZDP-189

Edge: P

C11 GRE

C11GRE DELICA4

**ZDP-189** 

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

#### **MEASUREMENTS T Overall** 7-1/8in

2-7/8in 73mm

**Edge** 2-9/16in









C10GRE

SPECS

Edge: P

Steel: ZDP-189

Weight: 3.6oz (103g)

Country of Origin: Japan

Clip: Left/Right 8-8

Tip Carry: Up/Down

• Screw-together construction

• Skeletonized steel internal

Phosphor bronze washers

• FRN Bi-Directional Textured™ Handle

• David Boye Dent

• Enlarged opening hole

• Spine Jimping

• Flat saber-ground blade

# MEASUREMENTS

Overall 8-3/4in 222mm 3-3/4in 96mm

**Edge** 3-7/16in

5in 127mm



**C10GRE ENDURA4** 

**ZDP-189** 



**FEATURES** 

• 4-way Clip: Tip up/down left/right hand • Screw-together construction Skeletonized steel internal

Country of Origin: Japan

Clip: Left/Right

Tip Carry: Up/Down

• Phosphor bronze washers

• FRN Bi-Directional Textured™ Handle

 David Boye Dent • Enlarged opening hole

• Spine Jimping

MEASUREMENTS 7-1/8in

181mm Blade 2-7/8in 73mm

**Edge** 2-9/16in

4-1/4in









SPECS

Edge: PS









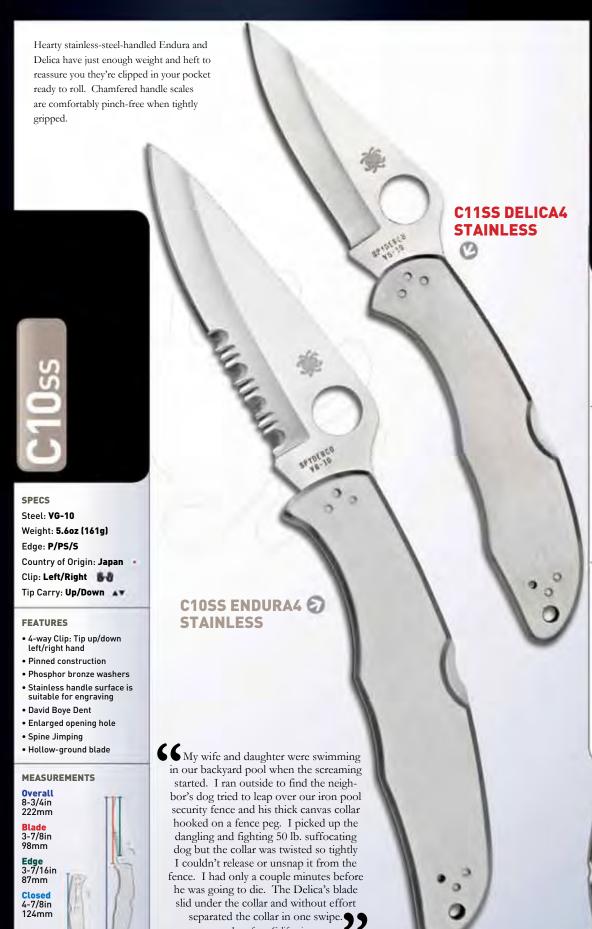












- Jerry from California

155

**CLIPITS** ©

#### SPECS

Steel: VG-10
Weight: 4oz (114g)
Edge: P/PS/S
Country of Origin: Japan
Clip: Left/Right
Tip Carry: Up/Down

#### **FEATURES**

- 4-way Clip: Tip up/down left/right hand
- Pinned construction
- Phosphor bronze washers
- Stainless handle surface is suitable for engraving
- David Boye Dent
- Enlarged opening hole
- Spine Jimping
- Hollow-ground blade

#### **MEASUREMENTS**

**Overall** 7-1/16in 179mm

Blade 2-7/8in 73mm

73mm **Edge** 2-9/16in

65mm Closed 4-3/16in 106mm









**C79BK ASSIST BLACK** 

0

SPECS Steel: VG-10 Weight: 4.7oz (134g) Edge: S

Country of Origin: Japan Clip: Right Tip Carry: Down v

#### **FEATURES**

- Right-hand, tip-down
- G-10 handle
- · Micro-thin tip
- \*Patented reverse "S"

MEASUREMENTS



C12 CIVILIAN 🕢 Designed to meet the specific criteria of a

available.

Steel: VG-10 Weight: 4oz (115g) Edge: PS Country of Origin: Japan Clip: Left/Right 64 Tip Carry: Up .

#### **FEATURES**

- Ambidextrous tip-up wire clip
- David Boye Dent
- Bi-Directional® Textured 3-D FRN handle
- Lanyard hole
- Cobra Hood
- Hollow-ground blade
- Available in safety orange or black
- Replaceable carbide tip



**Overall** 8-3/8in 213mm

**Blade** 3-11/16in 94mm

**Edge** 3-3/16in

81mm Closed 4-7/8in







- Weight-reducing spine
- · Spine and choil jimping
- G-10 laminate handle
- Flat-ground blade

#### MEASUREMENTS

Overall 9-7/8in 251mm

MEASUREMENTS

**Overall** 

9-7/16in 240mm

104mm

**Edge** 3-13/16in

Closed

5-5/16in

Blade 4-1/8in

4-3/8in

Edge 102mm

Closed 5-9/16in





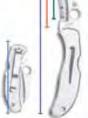


Overall 6-1/2in

2-3/4in

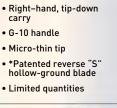
**Edge** 2-9/16in 65mm

Closed 3-7/8in









Overall

U.S. law enforcement agency, the Civilian features a fully-serrated reverse "S" blade and an ultra-fine tip for extreme cutting performance. A specialized backup tool for field agents, it is not recommended for general utility use. Limited quantities





#### Tip Carry: Up ... **C14BK RESCUE** 93MM BLACK

A spectrum of professionals

ers to ranchers to river guides

carry rounded-tip blades. They

lessen the liability of piercing/

puncturing inflatable watercraft,

livestock or people. A cardinal

equipment, Sheepfoot blades

slip under clothing, rope and

bindings for safeguarded cutting

piece of emergency-cutting rescue

from emergency respond-

#### • David Boye Dent

• Ambidextrous tip-up clip

- Flat, saber-ground Sheepfoot blade
- Lanyard hole

**FEATURES** 

- 14mm Spyderco Round
- FRN Volcano Grip® handle

#### **MEASUREMENTS**

Overall 8-1/4in Blade 3-5/8in

**Edge** 3-3/16in 81mm







**C45BK RESCUE 79MM BLACK** 

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We had an in-bound air ambulance

helicopter call in an emergency on themselves.

They ended up ditching in 6 foot seas with 40 knot

winds. When the pilot's emergency call went out,

we launched two inflatables to reach him. My

Spyderco Rescue easily parted taught lines from

the inflatable tied to the sinking helicopter and

although hypothermic, we got the pilot out. Good

news is he was returning to the field and had no passengers or patients on board.

- Bruce from Maine

and pockets.

**C450R RESCUE 79MM ORANGE** 

Our smaller Rescue offers the same life-saving cutting

Steel: VG-10 Weight: 2.2oz (64g) Edge: S Country of Origin: Japan Clip: Left/Right Tip Carry: Up

#### **FEATURES**

- Ambidextrous tip-up clip
- David Boye Dent
- Lanyard hole
- Flat, saber-ground Sheepfoot blade
- 14mm Spyderco Round
- FRN Volcano Grip handle
- · Available in safety orange or black

#### **MEASUREMENTS**

**Overall** 7-3/16in

Blade 3-3/32in

**Edge** 2-5/8in 67mm







Steel: VG-10

C28GFG SPECS

**C28GFG DRAGONFLY** 

Foliage green G-10 handle.

G-10 FOLIAGE GREEN-NEW! Full stainless steel handle suitable for

0

Weight: 20z (56g) Edge: P

Country of Origin: Japan Clip: Left/Right

#### FEATURES

Tip Carry: Up

- Left/right hand tip-up
- G-10 handle
- David Boye Dent
- 11mmSpyderco Round
- Leaf-shaped flat-ground

# MEASUREMENTS

5-1/2in 140mm Rlade

2-1/4in 57mm

Edge Closed

3-3/16ir





**C28SS DRAGONFLY SS** 

engraving/embellishment.

Sometimes big things come in small packages. A perfect case in point is the

Spyderco Dragonfly. The Mini Cooper

performance into a very compact package.

Its mid-sized blade and ergonomic handle

are complemented by a front-finger choil and spine cusp, allowing you to safely choke up near the cutting edge for

of knives, it packs high-speed cutting

#### FFATURES

Tip Carry: Up .

C28BK SPECS

- Right hand integral
- FRN Volcano Grip® handle
- David Boye Dent
- 11mm Spyderco Round
- · Leaf-shaped flat ground

#### **MEASUREMENTS**

Overall 5-7/16in

**Blade** 2-5/16in

**Edge** 1-7/8in

Closed 3-7/32in



C28SS/C28PT SPECS Steel: VG-10 Weight: 2.60z (74g) Edge: P/S C28PT Edge: P

> Country of Origin: Japan Clip: Right 👸

# Tip Carry: Up .

**FEATURES** 

- Right-hand tip-up clip
- Stainless handle
- David Boye Dent
- 11mm Spyderco Round
- Leaf-shaped flat-ground

#### **MEASUREMENTS** Overall 5-7/16in

138mm 2-5/16in

**Edge** 1-7/8in 48mm











#### SPECS

Steel: **VG-10**Weight: **2.5oz (70g)**Edge: **S** 

Country of Origin: Japan

Clip: Right

#### FEATURES

- Spring-loaded shackle clip
- FRN Volcano Grip® handle inlayed with slip-free Kraton
- 14mm Spyderco Round Hole
- Hollow-ground blade

MEASUREMENTS Overall 7-13/16in 198mm



**Edge** 2-5/8in 67mm

**Closed** 4-13/16in 122mm





to unsnap my Remote Release from my PFD and hack and saw through the branch, releasing the boat and saving my life. If I hadn't been carrying the knife, I'm certain I wouldn't have been able to resurface.

#### **FEATURES**

Steel: VG-10

Edge: P/S

Clip: Right 🖁

Tip Carry: Down

Weight: 1.75oz (49g)

Country of Origin: Japan

**79**88

- Right-hand, tip-down clip
- R.I.L. Reeve Integral lock
- Stainless handle can be engraved or embellished
- Hollow-ground blade

#### MEASUREMENTS ]

**Overall** 4-3/4in 117mm

Blade 1-7/8in 48mm



0

C29SS CRICKET SS

Left for years under flowing river water, stones

in the riverbed become smooth and symmetrical.

closed hand, they're light enough to clip anywhere

with the fewest moving wearable parts. Curving,

ultra-fine tip wins praise for fingernail cleaning,

crafting or box cutting.

Crickets are like that. Small, round, snug in a

on your person or use as a money clip. Chris

Reeve-inspired Integral Lock uses the handle scale as the lock's liner so it remains slim-as-a-pin





#### C36G MILITARY

It started as a personal endeavor: Someone asked Spyderco's chief designer "What knife would you send with your son or daughter on a military deployment?" He responded with three criteria: The blade had to offer ferocious cutting potential and edge life; it had to be lightweight and ergonomic; and it had to be as indestructible and maintenance-free as humanly possible. "Only then would I consider sending it with my son or daughter."





#### SPECS

Steel: CPM-S30V
Weight: 4.25oz (120g)
BK Edge: P/PS OR Edge: P
Country of Origin: USA
Clip: Right
Tip Carry: Down

#### FEATURES

- Made in Golden, Colorado
- C36BK Right-hand, tip-down clip
- C36LH Left-hand, tip-down clip
- Nested Linerlock®
- G-10 laminate handle scales
- Spine & choil jimpingScrew-together construction
- 14mm Spyderco Round Hole (for gloved hand)
- Flat-ground modified clip-point blade

# MEASUREMENTS Overall 9-1/2in 241mm

Blade 4in 102mm

102mm Edge 3-11/16in 94mm

94mm Closed 5-1/2in 140mm



# C36 MILITARY MODEL

Military Model with Black G-10 handle.





Military Model with lefthand blade, clip and lock. \*Available in limited quantities.



**CLIPITS** ©

#### C36G/C36OR SPECS

Steel: CPM-S30V
Weight: 4.25oz (120g)
C36G Edge: P/PS/S
C36LH Edge: P
Country of Origin: USA
C36G: Right & C36LH: Left &
Tip Carry: Down

#### **FEATURES**

- Made in Golden, Colorado
- Right-hand, tip-down clip
- Nested Linerlock®
- G-10 laminate handle scales
- Spine & choil jimping
- Screw-together construction
- 14mm Spyderco Round Hole (for gloved hand)
- Flat-ground modified clip-point blade

# MEASUREMENTS

Overall 9-1/2in 241mm

Blade 4in 102mm

> **Edge** 3-11/16in 94mm

Closed 5-1/2in 140mm

0







Military Model with digital

camouflage pattern

G-10 handle.

**C81BK PARA-MILITARY** 

Para Military with black DLC (diamond-like

**BLACK BLADE** 

coated) non-reflective blade

Steel: CPM-S30V Weight: 3.75oz (108g) Edge: P Country of Origin: USA Clip: Right

#### **FEATURES**

Tip Carry: Down 🔻

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

#### **MEASUREMENTS** Overall 7-7/8in

**Blade** 3-3/32in

**Edge** 2-15/16in 74mm

Closed 4-3/4in



#### C36TI TI-MIL MILITARY **TITANIUM HANDLE- NEW!**



#### SPECS

Steel: CPM-S30V Weight: 4.25oz (120g) Edge: P C36CMO Edge: P Country of Origin: USA 🎂 Clip: Right 8

#### FEATURES

- Made in Golden, Colorado
- · Right-hand, tip-down clip
- Nested Linerlock®

Tip Carry: Down

- G-10 laminate handle
- Spine & choil jimping Screw-together construction
- 14mm Spyderco Round Hole (for gloved hand)
- Flat-ground modified clip-point blade

#### MEASUREMENTS

Overall 9-1/2in 241mm

Blade 4in 102mm

**Edge** 3-11/16in 94mm Closed 5-1/2in 140mm





Steel: CPM-S30V Weight: 5.9oz (167g) Edge: P Country of Origin: USA 👜 Clip: Right 8 Tip Carry: Down

#### **FEATURES**

- Made in Golden, Colorado
- Right-hand, tip-down clip
- R.I.L. Reeve Integral Lock
- Titanium scales GAL4V
- Spine & choil jimping
- Screw-together construction
- 14mm Spyderco Round Hole (for gloved hand)
- Flat-ground modified clip-point blade

#### MEASUREMENTS

Overall 9-1/2in

Blade 102mm

Edge 94mm

Closed 5-1/2in





#### SPECS

Steel: CPM-S30V Weight: 3.75oz (108g) Edge: P Country of Origin: USA Clip: Right Tip Carry: Down 🔻

#### **FEATURES**

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

### MEASUREMENTS

Overall 7-7/8in

3-3/32in

**Edge** 2-15/16in 74mm

Closed 4-3/4in 121mm



# **C81G PARA-MILITARY**

The Para-Military is a smaller Military Model with identical features and a hard-use-rated Nested Compression Lock<sup>TM</sup>. It provides nose-to-the-grindstone field performance in the mid-size folder category.









#### **C81GCMOBK PARA-MILITARY CAMOUFLAGE G-10 HANDLE** BLACK BLADE- NEW! Para-Military with digital camouflage G-10

handle and DLC (diamond-like coated) non-reflective black blade.

La Help! I've turned into a Spyderco-crazed

person. I love that you use high-grade

premium steels instead of whatever flavor

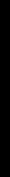
other companies are using. Steel is the most

important part of a knife to me. It also

seems your company has a sense of humor.

- Craig from Tennessee

Quality and humor, thank you!



#### SPECS

С816смо

Steel: CPM-S30V Weight: 3.75oz (108g) Edge: P

Country of Origin: USA Clip: Right

Tip Carry: Down 🔻

#### **FEATURES**

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

# **MEASUREMENTS**

**Overall** 7-7/8in 200mm Blade 3-3/32in

**Edge** 2-15/16in





**C81GCMO PARA-MILITARY** 

# **8** | GCMOBK

Steel: CPM-S30V Weight: 3.75oz (108g) Edge: P

Country of Origin: USA Clip: Right

Tip Carry: Down ▼

#### **FEATURES**

- Made in Golden, Colorado
- Right-hand, tip-down clip
- Nested Compression Lock
- G-10 laminate handle scales
- . Spine & choil jimping
- Screw-together construction • 14mm Spyderco Round Hole
- Flat-ground modified clip-

MEASUREMENTS

Overall 7-7/8in 200mm

**Blade** 3-3/32in 81mm

**Edge** 2-15/16in 74mm Closed 4-3/4in







**C41 NATIVE** 

If you own several knives, you'll understand this: There's

nearly always one folder that becomes your "go-to" knife.

Unconsciously you reach for it first, like your favorite jeans or

shoes. That knife is comfortable. It's a natural extension of

your hand. And it cuts and carries complication-free every time

with 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. It's also our best folder value: USA made using top-tier powdered metallurgy blade steel.

#### SPECS Steel: CPM-S30V

Weight: 2.65oz (75g) C41BK Edge: P/PS C41PN Edge: P

Country of Origin: USA

Clip: Left/Right Tip Carry: Up ...

#### **FEATURES**

- 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

#### MEASUREMENTS **Overall** 178mm

Rlade 3-1/16in

Edge 2-1/2in







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**C41BBK NATIVE** 

LIGHTWEIGHT

**BLACK BLADE** 

Steel: CPM-S30V Weight: 2.65oz (75g) C41BK Edge: PS Country of Origin: USA ... Clip: Left/Right Tip Carry: Up ...

#### **FEATURES**

- 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

#### MEASUREMENTS T

**Overall** 178mm

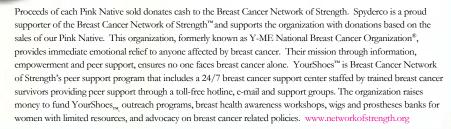
3-1/16in

**Edge** 2-1/2in

64mm 3-15/16in







**C41BK NATIVE** 

**LIGHTWEIGHT** 









**O** C103TR P'KAL TRAINER

it a trainer.

P'Kal's specialized training makes a trainer

essential. Identical to the live version

in size, balance and proportion but

with a non-sharpened blade for safe

practice. Red G-10 handle denotes

Weight: 3.8oz (107g) Edge: N/A

Country of Origin: USA 🍩 Clip: Left/Right 🙌

Tip Carry: Up 🛦

#### **FEATURES** • Made in Golden, Colorado

- Ambidextrous tip-up clip • Patented encased Ball
- Bearing Lock®
- G-10 handle with full
- Screw-together
- Non-sharpened blade



# C103 P'KAL

Pikal is a Filipino martial arts genre. P'Kal is a collaborative folder from Spyderco and Shivworks design for the specialized practice of Pikal. Used with reverse-edge tactics (edge facing inward toward the user) the blade's point is readily positioned to hook, poke and pierce. A removable (threaded and tapped) Emerson Opening Feature attaches to the blade's spine, catching a pocket's top when drawing the knife and opening the blade in one swift motion. The Spyderco P'Kal is designed specifically

for undercover law enforcement.

Weight: 5oz (143g)

- Ambidextrous tip-up clip
- Oversized lined lanyard
- Bearing Lock®
- · Hollow-ground blade

#### **MEASUREMENTS**

**Overall** 



# The attention-grabbing G-10 Poliwog is a small

knife that in-hand, palpably feels and cuts like a large knife. We achieve this by pairing an ergonomic handle (notably bigger than the blade) with a sharp, small cutting edge. Strategic curves uniformly position the index finger in a choil right behind the cutting edge optimizing control and lessening fatigue and pressure. Ball Bearing Lock® has superior action and wear and tear resistance in a small package.

# MEASUREMENTS

Closed 3-3/8in

22





Overall 5-5/8in 143mm

SPECS

Edge: P

Steel: VG-10

Weight: 2.5oz (70g)

Country of Origin: Japan

• Ambidextrous tip-up clip

• Hollow-ground blade with

Clip: Left/Right

Tip Carry: Up \_

• Ergonomic G-10

spine swedge

• Ball Bearing Lock®

**FEATURES** 

Blade 2-5/16in 59mm

Edge 1-7/8in 48mm







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**C101 MANIX2 86MM- NEW!** A recipe for folding knife success: Start with

top-rated hard-use lock. Add an exotic high-

carbon steel blade. Manufacture it in Golden

using unforgiving tolerances. Then toss in a

healthy dash of American innovation. These

ingredients combined make the Manix2 one

of Spyderco's strongest folders. Patented Ball

Bearing Lock has a hardened free-floating ball

bearing contained in a custom polymer cage. The ball bearing enables the lock to self-adjust across a large surface while smoothly and

consistently locking-up solidly and confidently.

Full steel scale liners are scalloped, extending

beyond the G-10 handle scales to provide

enhanced texturing around the perim-

eter of the handle. This one isn't

slipping out or around in your

hand. The liners pull double

rigidly and strength.

duty by increasing handle

# C98G POLIWOG G-10

# Steel: 154-CM Edge: P/PS/S

Country of Origin: USA Clip: Left/Right 8-8 Tip Carry: Up A

#### **FEATURES**

- 14mm Spyderco Trademark Round Hole
- Thumb and handle jimpings
- Patented encased Ball

Blade 3-3/8in

**Edge** 2-7/8in 73mm Closed 4-5/8in







Overall 7-3/8in

SPECS

Edge: P

Steel: CPM-S30V

Weight: 3.60z (103g)

Country of Origin: USA 🥌

• Made in Golden, Colorado

 Ambidextrous tip-up clip Patented encased Ball

Clip: Left/Right ##

Tip Carry: Up A

Bearing Lock®

Screw-together

• Flat-ground blade

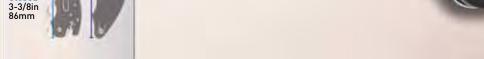
• G-10 handle with full

FEATURES

Blade 3in 76mm

Closed 4-3/8in





Clip: Left/Right Tip Carry: Up/Down Av

# **FEATURES**

- 4-way Clip: Tip up/down left/right hand
- Screw together
- Phosphor bronze
- Skeletonized steel liners
- Enlarged opening hole
- Spine and liner jimping
- Flat-ground blade

# MEASUREMENTS

Blade 2-3/4in 70mm

Edge 2-3/4in







and never-give-up-attitude. A smaller Tenacious,

for sustained comfort and fatigue-free cutting.

relative to the pivot, deposits the hand in just the

right spot for fumble-free one-hand blade open/

close. The sharpened edge runs from tip to tang.



C114 PHOENIX

BY HOWARD VIELE

You can look at hundreds of custom knives

modern, Howard's blades have his signature

senting the Japanese God of War. The

Viele Phoenix showcases Spyderco's

dynamism with a Ball Bearing Lock

and Howard's signature profile

and personality. Its titanium

handle, cream Micarta scales

and deep finger choils combine to create a dramatic flow from tip to clip.

logo-three small holes-a symbol repre-

side by side and nearly always recognize a Viele. Sleek as a wet seal, techie, edgy and

> Steel: VG-10 Weight: 4.1oz (115g) Edge: P Country of Origin: Japan Clip: Right 🌯 Tip Carry: Up A

#### **FEATURES**

- Right-hand, tip-up clip
- Ball Bearing Lock®
- Handle: Micarta over titanium • Screw-together construction

#### • Hollow-ground blade

#### **MEASUREMENTS**

7-1/4in 184mm

Blade 3in

Closed 4-9/16in 116mm





#### C113CF CALY3 **CARBON FIBER**

The soul of a knife is the steel of its blade, and the Caly3 definitely has soul. Its blade is a three-layered laminate that consists of super-hard ZDP-189 supported by outer layers of 420J2 stainless. Containing 3% carbon and boasting a hardness of RC 64-65, the Caly3's core offers unmatched levels of cutting power and edge retention. Mated to a sleek, polished carbon-fiber handle, the result is a compact, stylish folder with the muscle to outperform the competition.







# Flat-ground blade

• Screw together

SPECS

Steel: 8Cr13MoV

Edge: P/PS/S

**FEATURES** 

Weight: 4oz (115g)

Country of Origin: China 🧉

Clip: Left/Right

Tip Carry: Up/Down

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

• Phosphor bronze washers Skeletonized steel liners

• Enlarged opening hole

· Spine and liner jimping

**Overall** 7-3/4in 197mm

Blade 3-3/8in 86mm

**Edge** 3-3/8in







# **C122 TENACIOUS**

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The word is out among Knife Knuts that Spyderco's value-oriented knives like The Tenacious offer way more than the norm: Spyderco manufacturing quality, performance features like G-10 handle scales, jimped Walker LinerLock, lined lanyard holes and full skeletonized steel liners. Feature-for-feature, dollar-fordollar, performance-for-performance the Tenacious was Blade Magazine's best buy for 2008 for a reason.











SPECS

Edge: P

Steel: Laminated ZDP-189

Country of Origin: Japan

Clip: Left/Right

Ambidextrous deep

• Carbon Fiber handle

Flat-ground blade

 Skeletonized full stainless steel liners

**MEASUREMENTS** 

**Overall** 

7in 178mm

Blade

3in 76mm

**Edge** 2-5/8in 67mm

Closed 4-1/16in

Mid-positioned

pocket tip-up wire clip

Spine and choil jimping

Tip Carry: Up .

**FEATURES** 

Weight: 3oz (85g)

**SPYDERCO SAGE SERIES** 

A Sage is a wise, experienced person who's earned their title

via sound judgment and extending their best effort at every

decades of pioneering knife-crafting and innovating. The series

will reprocess a similar shaped- and sized-folder, releasing a

device or mechanism and credits that mechanism's inventor.

new version annually. Each rendition highlights a locking

opportunity. The Sage Series manifests Spyderco's three

Weight: 2.5oz (72g) Edge: P

Country of Origin: USA

Clip: Right # Tip Carry: Up .

#### FEATURES

- Right-hand tip-up clip
- Screw-together
- Spine jimping
- Hollow-ground blade
- Titanium R.I.L. Reeve Integral Lock

**MEASUREMENTS** Overall

6-1/6in 154mm

2-7/16in 62mm







**© C128 LEAF STORM BY KEVIN WILKINS** 

American Kevin Wilkins started his career as an art student, graphic artist and an art director. A move to Berlin in the early 90s inspired him to apply his art savvy to his passion - knifemaking. It's highly likely living in Germany introduced him to the idea of German-influenced engineering and innovation. His Leaf Storm folder fits in the watch pocket of your favorite jeans. A titanium handle scale and pivot screw and a peel-ply natural-colored G-10 overlay shout complex and high tech.

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# SPECS

Steel: VG-10 Weight: 4.1oz (116g) Edge: P

Country of Origin: Japan Clip: Right Tip Carry: Up/Down

#### **FEATURES**

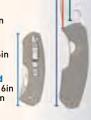
- Tip-up/down right-hand
- Screw-together
- Nested LinerLock®
- G-10 Laminate handle scales in Foliage Green
- Full-flat-ground blade

MEASUREMENTS Overall

8-9/16in 217mm 3-3/4in 95mm

Edge 3-9/16in 90mm

Closed 4-13/16in 122mm



C123 SAGE

SPYDERCO

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PM 530V

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**TITANIUM- NEW!** 

The Sage Titanium focuses on knifemaker

Chris Reeve's embellishment of the original

Walker LinerLock and his mutating it into

modification uses the handle scale as the

lock's liner, with the back portion of

the handle doubling as both handle

spring and lock. This dispenses

the need for internal liners

manufactured much

lighter and slimmer.

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and the knife can be

an R.I.L. - Reeve Integral Lock. His

Steel: CPM-S30V Weight: 3.5oz (99g) Edge: P

Country of Origin: Taiwan 🖷 Clip: Left/Right ## Tip Carry: Up 🛦

#### **FEATURES**

- Left/right-hand silhouette deep-pocket
- Titanium R.I.L. Reeve Integral Lock
- . Spine and choil jimping
- Flat-ground spear-point
- Screw-together titanium handle

#### **MEASUREMENTS**

Overall 7-1/8in 181mm

Blade

**Edge** 2-5/8in



76mm



**Overall** 7-1/8in 181mm Blade

**MEASUREMENTS** 

SPECS

Edge: P

Steel: CPM-S30V

Weight: 3.2oz (91g)

Clip: Left/Right

Tip Carry: Up 🛦

Left/right-hand

**FEATURES** 

Country of Origin: Taiwan

silhouette deep-pocket wire clip

· Spine and choil jimping

Flat-ground spear-point blade

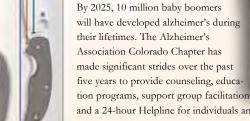
Screw-together carbon fiber handle

Nested LinerLock®

3in 76mm **Edge** 2-5/8in 67mm

Closed 4-3/16in





C123 SAGE

**CARBON FIBER** 

Sage Carbon Fiber recog-

nizes knifemaker and Hall

of Fame member Michael

invention of the LinerLock®

and ball bearing detent. Its

vibrant twill-woven carbon

weaving creates ridges and

texture for dependable grip.

fiber handle with multilayered

Walker's revolutionary

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made significant strides over the past five years to provide counseling, educa-

and a 24-hour Helpline for individuals and families living with Alzheimer's disease. Part of the sale of every Sage folder helps

SPYDERCO

PM 530V

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The Alzheimer's Association is the leading voluntary health organization in Alzheimer care, support and research. Our mission is to eliminate Alzheimer's disease through the advancement of research; to provide and enhance care and support for all affected; and to reduce the risk of dementia

The Alzheimer's Association, Colorado Chapter.

health. www.alz.org

through the promotion of brain alzheimer's association



and listen. Jen's designs are emblematic of his artistic talent and unique direction in knifemaking. His Rock Lobster is a knobby-nosed Wharnciffe modification with a foliage green G-10 handle. Thick at the tip, it chews through and spits out even the toughest materials with loads of personality.







#### **FEATURES**

- Carbon Fiber handle
- · Screw-together construction
- Black 4-way hourglass steel clip
- Full-length internal
- Michael Walker
- LinerLock®
- Hollow-ground



205mm **Blade** 3-7/16in

87mm

**Edge** 3-3/16in

4-11/16in





**C129 CAT- NEW!** 

Why do knife companies insist on applying anthropomorphic descriptions to knives? In our defense it's the round hole and a super sharp edge. They're animalistically reminiscent of eyes and claws. Think cats. Cats represent predatory resourcefulness, feline sleekness, sharp claws, superior vision and efficiency. The Cat folder expresses all these attributes with a carbon fiber handle, Walker LinerLock, deep carry wire pocket clip.



Steel: CPM-S30V Weight: 1.9oz (54g) Edge: P Country of Origin: Taiwan 🐲 Clip: Left/Right 68 Tip Carry: Up A

#### **FEATURES**

- Left/right-hand silhouette deep-pocket
- Full internal liner
- LinerLock®
- Spine and choil jimping
- Screw-together carbon fiber handle
- Flat-ground blade

#### **MEASUREMENTS**

**Overall** 5-1/32in 128mm

Blade 2in 51mm

Edge

3-1/8in



# C130 CHICAGO- NEW!

Laws. Whether necessary, good or just nutty, they're intended to establish order and ward off chaos. When our government and society implement rules, we do our best to live within their parameters. As an example, many U.S. metropolitan cities draw the line for carrying pocketknives in public to those with blades two inches in length or under. The Chicago is just that- two inches of flat ground CPM-S30V blade urbanely outfitted with carbon fiber handle scales and Michael Walker LinerLock®. Its handle is shaped and sized ergonomically with full-length skeletonized liners. Its leaf-shaped blade effectively cuts everything across the board (including the board)- from significant strenuous cuts like carpet and poly rope to innocuous tasks like fingernail cleaning or scraping tape off of glass. This one is for Chicagoans or

anyone looking for a city/suit knife.

Overall 8-1/2in 216mm 3-3/4in 95mm

**Edge** 3-3/8in 86mm

121mm

# MEASUREMENTS

Closed 4-3/4in

# modern folder.

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C132

CHOKWE-NEW!

Knives as essential tools exist

in every culture. Shapes and

needs, be those agricultural,

spiritual or self preserving.

styles are dictated by a people's

Taking ethnic knife designs and

adding a "Spyderco touch" is the

Series. The latest is the Chokwe.

Located in the Zambia/Democratic

Central Africa, the Chokwe people

are agricultural gatherers, fishermen

society are blacksmiths crafting fixed

Our Chokwe is patterned off a tradi-

around relatively unchanged for 300

and coffin-shaped handle. Holes in

the G-10 handle reduce weight and

allow for indexing and attachment to a

longer handle or pole. This is a historic

and cultural design, streamlined into a

years. It has a triangular-shaped blade

tional fixed-blade design that has been

and hunters. Positioned highly in their

blades for harvesting and everyday use.

core of our continuing Ethnic

Republic of Congo region of

When we sell a Chokwe folder, a portion of that sale goes to "Keep a Child Alive." Spyderco is honored to support this program which is dedicated to providing life-saving anti-retroviral treatment, care and support services to children and their

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**M** C134 GAYLE BRADLEY- NEW! A former BladeSports (World Cutting Competition) champion, Gayle Bradley makes hard-use knives that plow through anything including 14, 1-inch bundles of hanging rope—a BladeSports cutting competition record. These

SPYDERCO

CPM 930V

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aren't knives for the fingernail cleaner or showman but for

down on the ground, gritty and dirty use.

a production knife company.

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Although a longtime knifemaker, this is

Gayle's first collaborative folder with

families with HIV/AIDS in Africa and the developing world by directly engaging the global public in the fight against AIDS. The Chokwe knife design came out of Africa (the Zambia/Democratic Republic of Congo region of Central Africa) so we put something back in with every one we sell. www.keepachildalive.org



#### SPECS

Steel: CPM-S30V Weight: 3.7oz (104g) Edge: P Country of Origin: Taiwan Clip: Right Tip Carry: Up/Down

#### **FEATURES**

- Titanium R.I.L. Reeve Integral Lock
- Screw-together
- Tip-up/tip-down right-hand metal hour glass clip
- Full-length internal
- Flat-ground blade



SPECS

Edge: P

Steel: CPM-S30V

Weight: 2.4oz (69g)

Clip: Left/Right ##

Left/right-hand tip-up

silhouette wire deep-

· Spine and choil jimping

Screw-together carbon fiber handle

Flat-ground blade

MEASUREMENTS

Overall 5-15/16in

**Blade** 2-7/16in

**Edge** 2-1/8in

Closed

3-9/16in

Tip Carry: Up A

**FEATURES** 

pocket clip

LinerLock

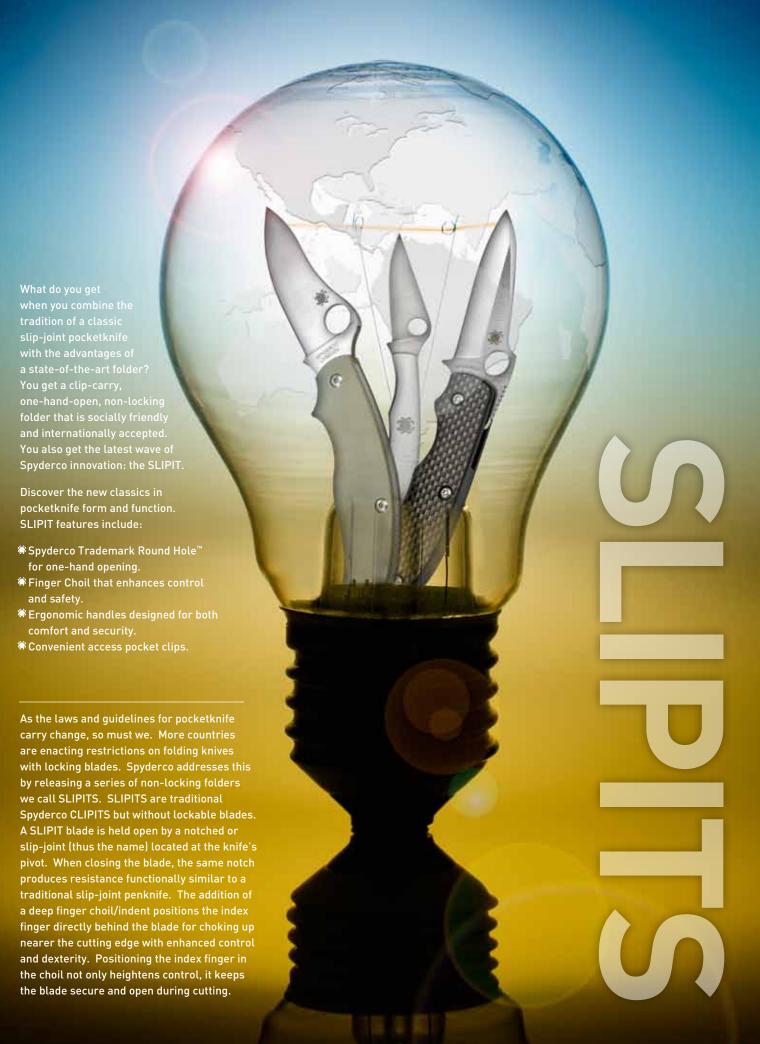
Full internal liner

Michael Walker

Country of Origin: Taiwan

# **CLIPITS**





C94GFG3 UK

**DROP POINT** 

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**PENKNIFE** 

**FOLIAGE** 

**GREEN** 

- NEW!

Steel: VG-10 C127GFG: 2.05oz (58g) C1270R: 2.0oz (57g) Edge: P Country of Origin: Japan Clip: Left/Right 60 Tip Carry: Up A

#### **FEATURES**

- Left or right-hand tip-up wire clip
- Screw-together construction
- Finger choil
- . Spine and choil jimping
- Full flat-ground blade

#### MEASUREMENTS

6-1/6in 154mm

Blade 2-9/16in 65mm

Edge 2-1/4in 57mm

**C940R-2 UK** 

RESCUE

**ORANGE** 

**PENKNIFE** 

**LIGHTWEIGHT** 

Closed 3-1/2in



**FOLIAGE GREEN** C1270R URBAN WHARNCLIFFE-**BLADE SAFETY ORANGE** 0 **SPECS** 

**®** 

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C127FG URBAN

LEAF BLADE-

C94G-2 Steel: CPM-S30V C94-2 Steel: GIN-1 C94G Weight: 2.5oz (70g)

C94 Weight: 1.9oz (54g) Edge: S

Country of Origin: USA 🥞 Clip: Left/Right 64 Tip Carry: Up 🛦

#### FEATURES

- Made in Golden, Colorado
- Ambidextrous deep pocket tip-up wire clip
- Finger choil
- Spine jimping
- C94G-2 Double flat-
- C940R-2 Hollow-ground

4-1/16in

MEASUREMENTS Overall 6-15/16in 173mm 2-15/16in Edge 2-3/4in

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C94G-2 UK

**PENKNIFE** 

**RESCUE** 

**ORANGE** 

G-10

# FEATURES (8) • Made in Golden, Colorado Ambidextrous deep

**ORANGE** - NEW!

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pocket tip-up wire clip

C94GOR Steel: CPM-S30V

C94G Weight: 2.4oz (70g)

C94 Weight: 1.9oz (54g)

Country of Origin: USA

C94G: P C94: P/PS/S

Clip: Left/Right

Tip Carry: Up 🛦

C94 Steel: GIN-1

• Finger choil

4GOR

SPECS

- Spine jimping
- C94GOR Double flat-
- C94 Hollow-ground blade

MEASUREMENTS Overall 6-13/16in

Blade 2-15/16in

Edge 2-3/4in

32







C94MR3 MAROON C94MR **MAROON** C94BL3 BLUE **C94 UK PENKNIFE** 

**LEAF-SHAPE** 

- NEW!

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C94-3 UK

- NEW!

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**PENKNIFE** 

**DROP POINT** 

P

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LIGHTWEIGHT

**GFG** 

C94GFG Steel: CPM-S30V

C94G Weight: 2.5oz (70g) C94 Weight: 1.9oz (54g)

C94G: P C94-3: P/PS/S

Clip: Left/Right 🚱

Tip Carry: Up 🛦

**FEATURES** 

Finger choil

Spine jimping

ground blade

Country of Origin: USA

• Made in Golden, Colorado

Ambidextrous deep pocket tip-up wire clip

• C94GFG Double flat-

• C94-3 Hollow-ground blade

**MEASUREMENTS** 

Overall

Blade

76mm

Edge 2-5/8in

67mm

Closed

4-1/16in

3in

6-15/16in

C94-3 Steel: GIN-1







#### C131 BOB TERZUOLA SLIPIT- NEW!

Some names in the cutlery industry, everyone knows. One is Bob Terzuola or we call him, Bob T. Bob is the acknowledged founder of the folding tactical knife. In our industry he's rock star. His fourth collaboration with Spyderco is a non-locking SLIPIT with a CMP-S30V modified Wharncliff blade. Bob's unique approach to the slip-joint is a non-locking mechanism called the Ball Joint. A finger choil/guard behind the sharpened edge positions the index finger away from the open blade and stops it from closing on the hand when cutting.

#### **C133 BUG- NEW!** C137 HONEYBEE- NEW!

Aerodynamically bumble bees shouldn't be able to fly. Too bad someone forgot to tell the bees that. It defies both nature and expectation that something that small performs such a grand maneuver. Like bumblebees, Spyderco Bugs and HoneyBees perform the unexpected. Our smallest folders, they pack stinging cutting clout in micro-sized SLIPITs. Resistant pressure at the knife's pivot area holds the blade open and extended when cutting. Handles are flat with a small stainless surface ready for you to engrave, embellish or customize as jewelry or a gift item. Handle lanyard-hole accommodates a necklace-chain or keychain.

#### **SPECS**

Steel: CPM-S30V Weight: 2.5oz (70g) Edge: P

Country of Origin: Taiwan 🍓 Clip: Left/Right Tip Carry: Up .

SPYDERCO

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#### **FEATURES**

- Left or right-hand nested tip-up clip
- Screw-together
- Spine jimping
- Leather lanyard and silver crimp
- Hollow-ground modified Wharncliffe blade
- Twill carbon fiber handle

#### **MEASUREMENTS**

Overall 7in 177mm

Blade 3in 76mm

Edge 2-11/16in 68mm







#### **SPECS**

Steel: Cr13 C133 0.4oz (12a) C137 .56oz (16q) Edge: P

Country of Origin: China 🧶

#### **FEATURES**

- Clipless
- Lanyard hole
- Laser engraved Spyderco bug logo on handle
- Flat-ground blade

#### **C133 MEASUREMENTS**

Overall 2-7/8in 73mm

Blade 1-5/16in

**Edge** 1-1/8in

Closed 1-5/8in

#### C137 MEASUREMENTS

Overall 3-5/8in 92mm

1-5/8in

**Edge** 1-3/8in 35mm

Closed 2-1/16in 52mm



# THE SPYDERCO WAY. EVERYDAY.

Spyderco is dedicated to reaching outside our small company and lending a hand wherever and whenever we can. We're companionate in several projects both world-wide and within our local Colorado community. When you purchase specific Spyderco knives, you're lending a helping hand as well. We thank you sincerely!

C41TN DESERT TAN NATIVE Operation Enduring Freedom and Operation Iraqi Freedom. Spyderco is proud of and appreciates our military men and women who put themselves in harm's way to support our national values. We produce a Middle East variation of our Native Model in Desert Tan honoring and supporting our troops deployed in the Middle Eastern conflict. Tan Natives are not available to or through dealers or distributors in the USA or overseas. Instead we hold a monthly lottery raffling them off through our website at Spyderco.com. Active duty service men and women deployed in the Middle East submit their name to the lottery and the 50 names drawn each month are sent their a Native down-range. Operation Iraqi Freedom Natives go to those headquartered in Iraq, Operation Enduring Freedom Natives to those stationed in Afghanistan.

We pray for their safe return and applaud our wonderful military personnel for keeping our country safe from harm and free in every way.

**C41PPN PINK NATIVE**. Spyderco is a proud supporter of the Breast Cancer Network of Strength™ and supports the organization with donations based on the sales of our Pink Native. This organization, formerly known as Y-ME National Breast Cancer Organization<sup>®</sup>, provides immediate emotional relief to anyone affected by breast cancer. Their mission through information, empowerment and peer support, ensures no one faces breast cancer alone. YourShoes™ is Breast Cancer Network of Strength's peer support program that includes a 24/7 breast cancer support center staffed by trained breast cancer survivors providing peer support through a toll-free hotline, e-mail and

support groups. The organization raises money to fund YourShoes™ outreach programs, breast health awareness workshops, wigs and prostheses banks for women with limited resources, and advocacy on breast cancer related policies.

www.networkofstrength.org



C132 CHOKWE When we sell a Chokwe Folder a portion of that sale goes to "Keep a Child Alive" Spyderco is honored to support the program which is dedicated to providing life-saving anti-retroviral treatment, care and support services to children and their families with HIV/AIDS in Africa and the developing world by directly engaging the global public in the fight against AIDS. The Chokwe knife design came out of Africa (the

Zambia/Democratic Republic of Congo region of Central Africa) so we put something back in with every one we sell. www.keepachildalive.org

#### C123CF CARBON FIBER SAGE C123 SAGE TITANIUM

The Alzheimer's Association is the leading voluntary health organization in Alzheimer care, support and research. Our mission is to eliminate Alzheimer's disease through the advancement of research; to provide and enhance care and support for all affected; and to reduce the risk of dementia through the promotion of brain health. Contributions to the Alzheimer's Association provide care and support to families in Colorado coping with Alzheimer's disease as well as fund national programs and research to ultimately find a cure. Visit www.alz.org/co to learn more about how your support makes a difference.









# WHALE PROJECT



In 2006, off the coasts of Australia, there were 21 reported cases of large whales entangled in fishing gear. Of those, there were four confirmed deaths, nine unknown fates and eight that were rescued.

Whales are dying. There is no way to know exactly how many lose their lives in this way because many incidents are never witnessed or reported: however, as fishing activities increase, so do the incidents of whale entanglement. These magnificent creatures, which many believe are fish, are actually warm-blooded, air breathing mammals that bear live young that are nursed on mother's milk. And they need our help to survive.

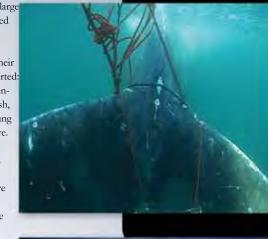
In 2005 Doug Coughran (Senior Wildlife Officer- Western Australia Department of Environment and Conservation) knew that a specialized cutting tool was needed to make their whale rescues more effective and safer for his rescue teams. Doug's teams used small inflatable rafts to go out into open water in the Indian Ocean to save entangled whales. Since the whales are

typically 26-39 feet in length and weigh several tons, the teams use a 10-foot rescue pole to reach into the water to cut away the lines entangling

the frightened, distressed creature.

To ensure that his teams had the best possible tool for this

demanding job, Coughran contacted knifemaker Jim Steele to develop and design.





# SPECS Steel: 440C Weight: 6.5oz (186g) Edge: S

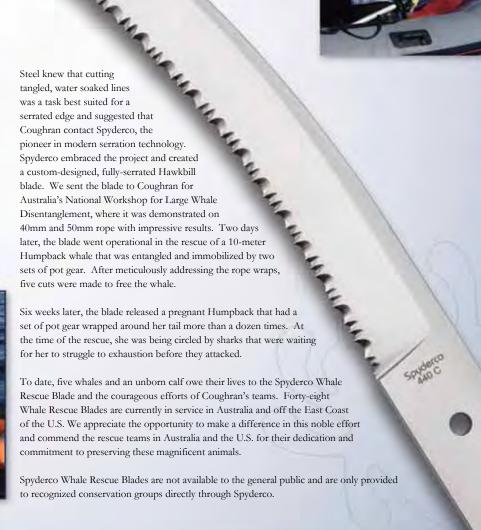
#### **FEATURES**

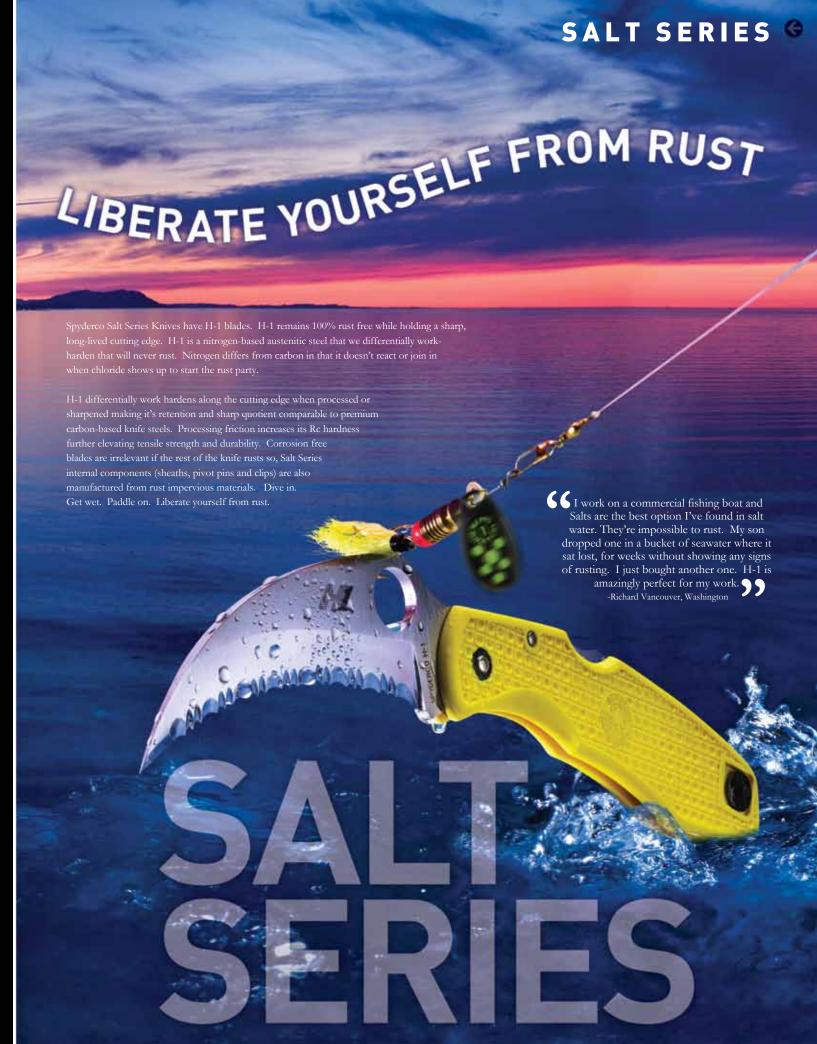
Overall: 11.25in

286mm

Edge:

203mm









ally Textured® handle, offers

blade is uniformly thick from

heel to tip adding stockiness

and tip strength.

resistance to slipping. H-1

MEASUREMENTS

MEASUREMENTS

Overall

4-3/8in 111mm

1-15/16in

1-11/16in

Closed 2-7/16in

Blade

Overall 8-1/4in

3-5/8in

92mm

**Edge** 3-3/8in

Closed 4-15/16in

125mm

#### SPECS

Steel: H-1 Weight: 2oz (57g) Edge: S and P Country of Origin: Japan Clip: Left/Right 🚱 Tip Carry: Up 🛦

#### **FEATURES**

- Ambidextrous tip-up titanium clip
- Black or Marine Yellow FRN Volcano Grip handle
- David Boye Dent
- Lanyard hole for cord
- 12mm Spyderco Round
- Hollow-ground blade

#### **MEASUREMENTS**

Overall 6-13/16in

2-15/16in

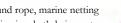
**Edge** 2-1/2in

Closed



# C77 SPYDERHAWK A Hawkbill

blade curves itself around rope, marine netting and webbing and drawing in what's being cut closer in contact with the sharp edge. The curved tip hooks and holds the cut item, keeping it from sliding off the end of the blade. This shape is reliable and stable for downward pulling cuts done at arm's length which is why it's a favorite with fisherman, boaters and water sportsmen.







**Edge** 3-3/8in

Closed

4-5/8in

When Spyderco released the first Mariner

Model in the 1980s. Promptly, word of the

knife rippled through the sailing crowd to

boaters and fishermen. This was a great knife

for use and carry in water. With the exception

of updating the blade steel, it remains as the

original. We've retrofitted it with an H-1

free blade, handle and clip.

Sheepfoot blade and kept its svelte profile

and shackle key/drying vent. 100% rust

C120

**SALT** 

**MARINER** 

#### It's common belief that Sheepfoot blades grew out of the need for specialized cutting tools in the maritime world. Nautical history shows knives without pointed tips were used and advantageous to seafarers. Crew members working above-head in mast riggings dropped their knives. Round tip blades lessened the chance the knife would puncture or cut crew and cargo as it fell to the deck below. Also after months at sea, knives without pointed blades were less likely to injure anyone when sailors carrying them made port and the blow-off-steam party started. We're guessing naval commanding officers also appreciated Sheepfoot blades for this reason as well. Fast-forward to today and round-tipped knives still find a solid foothold for safer, quicker cutting





#### Steel: H-1 Weight: 2.2oz (61g) Edge: S Country of Origin: Japan 🗼 Clip: Left/Right 👸 👸 Tip Carry: Up 🛦

#### FEATURES

- Ambidextrous tip-up titanium clip
- Black or Marine Yellow FRN Volcano Grip® handle
- David Boye Dent
- Spine jimping
- Lanyard hole for cord
- 14mm Spyderco Round
- Hollow-ground blade

# MEASUREMENTS **Overall** 7-3/16in Blade 3-3/32in 79mm **Edge** 2-5/8in





Smaller version of the Atlantic Salt

#### **FB25 WARRIOR-NEW**

The Warrior fixed blade is one of the world's most intriguing combat knives. Based largely on the groundbreaking research of closecombat icon Michael Echanis, the original Warrior was a radical



#### SPECS Steel: H-1

LO

00

Weight: 8.13oz (230g) Edge: P and S Country of Origin: Japan Clip: Left/Right

#### FEATURES

- Skeletonized full-tang construction
- Blade and handle lanyard holes
- Pinned FRN Bi-Directional Textured™ Handle scales
- Black ballistic nylon snap-closed sheath with Molle-vest attachment capability
- Hollow-ground PlainEdge primary edge and SpyderEdge spine cutting edge
- Full hand-guard Lanyard hole

# Overall 10-5/8in

269mm 5-1/16in 144mm

**Cutting Edge** 5-5/32in 131mm

Spine Edge 2-3/4in





The Spyderco Warrior faithfully retains all the salient features of the original, while adding a number of performance enhancements. Its revitalization happened at the request of our Israeli customer, Guy Rafaeli. Ground from rust-free austenitic H-1 steel, it possesses the same differential hardness properties of a clay-tempered Samurai sword, giving it extreme cutting power and shock resistance. Its full-tang construction and textured handle scales provide a superior grip and edge orientation, maximizing the knife's effectiveness when employed with its signature tactics.



# Steel: H-1

Weight: **4.9oz (138g)** Edge: S

Country of Origin: Japan

Clip: Right

#### Tip Carry: Down 🔻

- Right hand tip-down titanium clip
- David Boye Dent
- Spine jimping

**FEATURES** 

- · Lanyard hole for cord
- Shackle key/drying vent
- 12mm Spyderco Round
- Hollow-ground blade

#### **MEASUREMENTS**

Overall 8-7/16in

3-3/4in

**Edge** 3-7/16in

Closed 4-3/4in





#### **CASPIAN SALT**

If there was a way to shop for dive knives on the ocean's floor, you'd probably find a quite impressive product selection. The most common complaint about dive knives is how easily they're lost. One solution: Indexfinger retention. Inspired by knifemaker Fred Perrin, this is an oversized Index Finger Hole that holds the blade in hand until you decide to release it. It also frees up your fingers for picking up gear and adjusting equipment—all while gripping/retaining the knife. The blade is jimped above and below the hole and overlaid

with scaly-grip FRN. An injection- molded buttonrelease sheath anchors the blade (inserted left- or right-handed) with an audible snap, telling you you're locked and loaded.



Designed by competitive cutting champion Ed Schempp, the Rock Salt is a full-tang camp knife that possesses amazing balance and leverage. Its contoured FRN handle scales, deep finger choil and scientifically angled handle-to-blade angle ensure maximum safely and control while providing ferocious cutting power. Its austenitic H-1 blade is extremely shock resistant and completely rustproof. Best of all, its extraordinary work-hardening proerties actually enhance its edge.



Steel: H-1

Edge: P

Left/Right

**FEATURES** 

# 7 FB20

**ROCK SALT** 

**CASPIAN SALT** 

**FB21** 

(POINTED TIP)

 Injection-molded polymer sheath with multi-position G-Clin

Weight: 9.2oz (261g)

Country of Origin: Japan

- Enlarged lanyard hole
- Hollow-ground blade
- Bi-Directional Textured FRN overlay scales
- Black only

#### MEASUREMENTS

311mm

Blade 6-3/4in 171mm

Edge





#### **FEATURES**

Left/Right

SPECS

Steel: H-1

Edge: PS

FB21: 2.9oz (82g)

FB22: 2.75oz (79g)

• Spine-mounted line cutter

Country of Origin: Japan

- Lanyard hole
- Ambidextrous polymer button release sheath includes two nylon
- 1" (25mm) index finger hole for gloves or large hands

**FB22** 

(BLUNT TIP)

**CASPIAN SALT** 

 Hollow-ground single edged blade

#### **MEASUREMENTS**

#### FB21

Overall 7-5/16in 186mm

Blade 4-1/2in 114mm

**Edge** 3-1/8in 79mm

FB22





# FIXED BLADES (





#### **SPECS**

Steel: VG-10 Weight: 6.75oz (192g) Edge: P Country of Origin: Japan

# Clip: Left/Right

• Full steel slab construction

**FEATURES** 

- Brown contoured canvas Micarta handle
- Boltaron sheath with multi-position G-Clip attachment
- · Lanyard hole
- Spine jimping
- Full flat-ground blade

#### **MEASUREMENTS**

**Overall** 9-3/4in 247mm

Blade 4-7/8in

**Edge** 4-13/16in





Steel: VG-10

Edge: P

Country of Origin: Japan Clip: Left/Right 🚱

#### **FEATURES**

- Full steel slab construction
- Boltaron sheath with multi-position G-Clip attachment
- Lanyard hole
- Spine jimping
- Full flat-ground blade
- Skeletonized tang for balance and lighter weight

#### MEASUREMENTS

**Overall** 7-3/16in

Rlade 3-1/4in

**Edge** 3-1/4in







**FB26 BUSHCRAFT- NEW!** 

Bushcraft is a tradition, it's a sport and it's gaining popularity

mainstream attention in the UK through a man named Ray Mears. Mr. Mears produces a televised series on thriving, surviving and living in nature with nothing but a knife, thrusting Bushcrafting into the public spotlight. Spyderco's Bushcraft results from a three-fold collaboration between Tactical Bushcrafter Chris Claycombe, the Bushcraftuk. com website and Spyderco designers.

Bushcraft knives have specific parameters

with Spyderco's Bushcraft holding true

to the genre. Blades must be between

three and five inches (ours has a four-

full-tang and a contoured natural/ organic handle. Bushcraft blades are made from high carbon tool steel, designed to hang onto an edge expansively and be easier to sharpen in the field. For

wilderness chores, slicing,

chopping, whittling and

Bushcraft style.

game processing in true

inch blade) with no handguard, a

world-wide. A regime of survival skills derived from

Bushmen of the southern hemisphere, it gained

# **2010 LIMITED PRODUCTION SPRINT RUNS**

Spyderco Sprint Runs are limited in production. Once inventory is depleted they're gone for good. Contact your Spyderco Sales Representative today.

#### FB020R BILL MORAN DROP-POINT FIXED BLADE ORANGE

Flat-ground drop point blade is tapered from spine to edge. Easy-tospot safety orange FRN handle with Kraton non-slip inlays. Boltaron Sheath with G-Clip.

Closed	Overall	Blade	Edge	Steel	Weight	Edge Type
N/A	8" 203mm	3-7/8" 99mm	3-3/8" 86mm	VG-10	3oz 84g	Р



Country of Origin: Japan

#### **C56CF TIM ZOWADA CARBON FIBER**

As a custom knifemaker and bladesmith Tim Zowada makes spectacular forged Damascus and bearded folks everywhere track him down for his hair popping straight razors. Our second collaboration with Tim has a

Closed	Overall	Blade	Edge	Steel	Weight	Edge Type
4-7/16in 113mn	7-11/16in 195mm	3-3/16in 81mm	3in 76mm	VG-10	3 1oz 88a	Р



Country of Origin: Japan 💌

coffin shaped carbon fiber handle and VG-10 hollow-ground blade.

Closed	Overall	Blade	Edge	Steel	Weight	Edge Type
4-7/16in 113mm 7-	11/16in 195mm	3-3/16in 81mm	3in 76mm	VG-10	3.1oz 88g	Р

#### **C64JBG MEERKAT BLUE/GRAY**

The MeerKat rates high on the 'fidget-factor' scale. FRN handle has a pressure release locking system called the Phantom Lock, Close the blade by placing your thumb on one side of the handle, fingers on the other and simultaneously scissoring the handle scales in opposite directions. Small, social and makes an enviable everyday carry piece or an excellent money clip. Flat ground blade.

Closed	Overall	Blade	Edge	Steel	Weight	Edge Type
3-5/16in 83mm	5-1/4in 133mm	1-15/16in 50mm	1-5/8in 42mm	VG-10	2.2oz 62g	P



Country of Origin: Japan

#### C101FG MANIX2 G-10 FOLIAGE GREEN CTS-XHP

Spyderco engineers are experimentalist, thriving on the pursuit of analyzing and proffering new knife materials. This one is our Manix2 with a foliage green G-10 handle and new to the knife industry Carpenter CTS-XHP steel blade. Call this one a ground-breaking steel experiment carried out on the new Manix2 model.

Closed	Overall	Blade	Edge	Steel	Weight	Edge Type
4-5/8" 117mm	8" 203mm	3-3/8" 86mm	2-7/8" 73mm	CTS-XHP	5oz 143g	Р



Country of Origin: USA 🏺

#### **LBK3HB LADYBUG HAWKBILL**

Classic Hawkbill blade in an FRN Ladybug handle. Itty bitty package with monster-sized cutting power.

Closed	Overall	Blade	Edge	Steel	Weight	Edge Type	
2-7/16" 62mm	4-3/8" 111mm	1-11/16" 43mm	1-15/16" 49mm	VG-10	0.6oz 18g	S	





#### SPECS

Steel: 0-1 Weight: 6.2oz (175g) Edge: P

Country of Origin: Taiwan 🍓

Left/Right

#### **FEATURES**

Leather belt-carry

Brass pinned Spalted Maplewood handle

• Skeletonized full length

Piped handle lanyard

• Scandi-ground blade

#### **MEASUREMENTS**

Overall 8-3/4in 222mm

**Blade** 4in 102mm

**Edge** 3-15/16in









At Spyderco, the word sharp isn't simply a descriptive term. We think of sharp as a methodical experiment of testing and research to explain and capture new sciences and technologies for manufacturing cutting edges. And it's forever ongoing.

#### ▲ Spyderco Sharpening Stones

People associate Spyderco with knives. It surprises some that our first product wasn't a knife at all but a sharpening system called a Tri-Angle Sharpmaker. The sharpener works around patented triangular-shaped stones made from Alumina Ceramic. The stones are U.S. made in a process combining a bonding agent with alumina particles (which are actually synthetic sapphires). They're shaped into triangles then kiln fired 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 brown medium grit stones are open-cell stones (friable) and will wear over time with repeated use. Their abrasive level 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 and tightening an edge's scratch pattern. Ceramics are like glass and can shatter or chip if dropped or handled roughly. Alumina ceramic stones are temperature resistant, dishwasher and autoclave safe.

#### ▲ What grit are Spyderco Stones?

Alumina ceramic stones are grit-graded differently than any other abrasive and not measurable by standards used for natural stones, diamond abrasives or sand papers. When abrasives are given a grit value they're measured using a mesh. The size of particles able to pass through the mesh determines the grit. For example if sandpaper is 120 grit, this means the particles able to pass through it are smaller than a 120 sized mesh. Anything with a gritgrade is measured this way. Diamonds are also grit-graded using mesh but on a separate scale of measurement and a 400 diamond grit is more coarse then a 600 grit. Japanese and Arkansas stones use yet another scale which is how they end up with grit numbers in the thousands.

Our abrasives use micron-sized particles of alumina ceramic, so tiny they're almost dust. Grit is determined during the kiln firing process to create fine or medium stones. Our ultra fine stones are a fine stone, that is surface ground.

#### Cleaning:

Sharpening changes an edge's shape by removing microscopic steel particles. The particles adhere to the stone after repeated use and will load the stone up, saturating it with steel particles. Remove this residue by washing the stones in fresh water and scrubbing with a powdered abrasive cleanser, rinse and air dry to restore the stones' effectiveness.

# **SHARPENERS**

I am the worst knife sharpener in the world. I've destroyed blades with stones, files and steel to grinders. I got a Tri-Angle Sharpmaker and less than a month later all I can say is: Incredible! Hallelujah! I can't believe it. Its an essential piece of sharpening gear and my scissors will literally shave hair off your neck. It's money in the bank for me without being obsessed about sharpening knives or owning hundreds of dollars worth of fancy equipment.

- Jim in South Carolin

# 204pvp



# 204DVD TRI-ANGLE SHARPMAKER DVD

Our DVD explains and demonstrates the how-to's for sharpening plain and serrated knives, edged tools and household/kitchen implements using the Tri-Angle Sharpmaker.



# 204MF TRI-ANGLE SHARPMAKER

204MF Tri-Angle Sharpmaker set comes with: one pair medium-grit brown triangle stones for aggressive sharpening and one pair of fine-grit white triangle stones for professional-grade finishing. Patented, the triangular stones sharpen PlainEdges on the flat sides and SpyderEdges (serrations) on the corners. A channel on one of the stone's flat sides is for honing pointed items such as fishhooks, darts, awls, punches. Keyed slots/holes drilled in the ABS plastic base pre-set the stone's sharpening angle to a precise 30° (15° each side) or 40° (20° each side) for wide and thin profiled blades. Preset on one end of the base, a hole holds a triangle single stone at 12.5° for sharpening scissors. The bottom of the base accommodates two side-by-side stones (flat side up) for benchstone sharpening. Snap the plastic lid halfway over the base for use as a stabilizing handhold and two brass safety rods fit into the base protecting the user's hands during sharpening. Four stones and two rods fit inside the base and the lid snaps closed for carry anywhere. The base is also pre-drilled drilled for permanent bolting to a table, counter-top or workbench. How-To-Use instruction booklet and DVD included.

Country of Origin: USA 🎂







# 302F FINE BENCH STONE

(light blue box)

# 302M MEDIUM BENCH STONE

(dark blue box)

#### 302UF ULTRA-FINE BENCH STONE

(black box)

Spyderco benchstones sharpen wide tools, chisels, large blades, woodworking equipment, plane irons and ski/snow-board edges. Sold individually. They come packaged in a polymer case with rubber skid-stopping tabletop feet.

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

Country of Origin: USA 🍵





1c-2

- A-1 D-bolt for Pivot
- A-2 Torx screw for D-bolt
- A-3 Washer for pivot D-bolt
- A-4 Phosphor bronze washers for pivot
- B-1 & B-2

Skeletonized stainless steel liners

- **□-1** D-bolt for lockbar
- **C-2** Torx screw for D-bolt
- D-1 Backspacer
- **D-2** D-bolts for back spacer
- **D-3** Torx screws for D-bolts





D-3

# C10KIT ENDURA4 LIGHTWEIGHT **PARTS KIT**

#### C11KIT DELICA4 LIGHTWEIGHT **PARTS KIT**

Internal 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
- Phospher 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





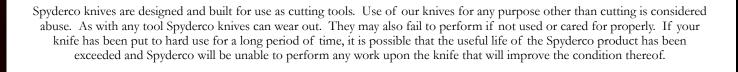
#### SP1 SPYDERPAC-LARGE **SP2 SPYDERPAC-SMALL**

SpyderPacs are the safest way to transport, store or display your collection. Black heavy-duty polyester denier with oversized clear plastic viewing pockets inside. Knives are kept snug, scratch-free and securely contained with two Velcro side closures and a top flap. Adjustable shoulder strap. Embroidered Spyderco logo bug. Pocket dimension approx: 4-1/2" X 2-1/2" (114mm X 63.5mm).

SP1 SpyderPac Large: 32 pockets SP2 SpyderPac Small: 18 pockets







#### **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 of whether the product can be repaired and the cost to you of
  having Spyderco implement such repair (see below). Upon agreement and
  payment we will perform the repair.
- If Spyderco is unable to improve the condition of the knife, we will return it 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:**

Blade Sharpening – Complimentary on PlainEdge, SpyderEdge or CombinationEdges provided. Please include \$5.00USD shipping and handling.

Broken, missing or bent metal clips are replaced for an additional fee. Contact warranty and repair for more information: 800-525-7770 x225 or 303-279-8383 x225 or customerservice@spyderco.com

Replacement Clip Kits may be purchased directly through SFO (Spyderco Factory Outlet) Store: 800-525-7770 x107 or 303-279-8383 x107 or sfo@spyderco.com

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

**Blade or edge**- Broken tip from prying or dropping, chipped edge or broken serrations, destroyed edge due to improper sharpening, rust due to neglect or

other blade issues. Spyderco does not replace blades. Depending on the blade's condition we may be able to re-profile or re-serrate.

**Clips and clip screws**- sheared off screws or broken FRN integral clips (can only be replaced with metal clips).

Handle- Missing Kraton inserts or other handle issues.

#### **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, shipment, 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.

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

#### 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.

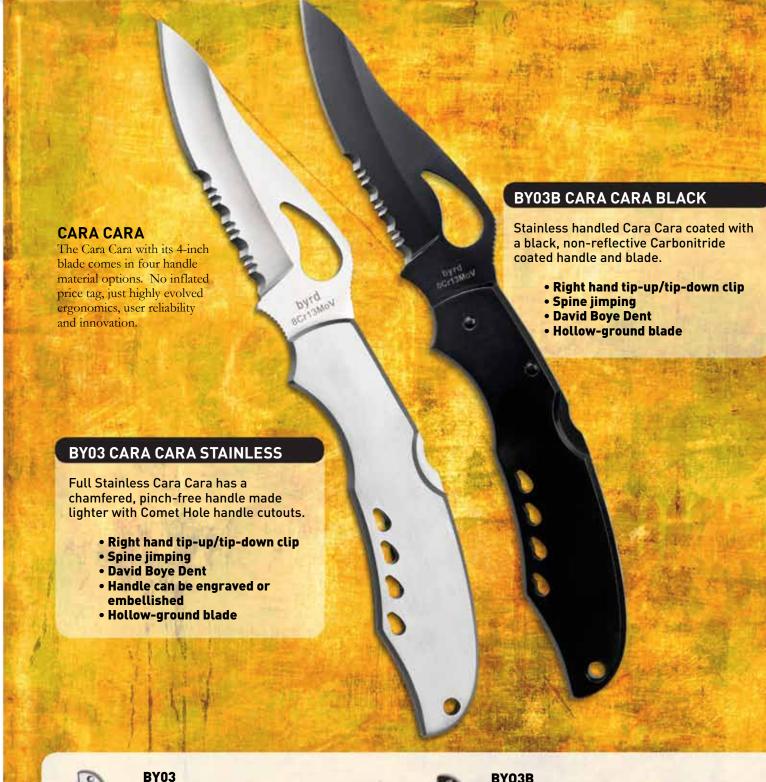


Attn.: Warranty and Repair
820 Spyderco Way,
Golden, CO 80403 USA
Phone: 800-525-7770
303-279-8383 Fax: 303-278-2229
Email: customerservice@spyderco.com









CLOSED 4-3/4" 121mm OVERALL 8-5/8" 219mm **BLADE** 3-7/8" 98mm EDGE 3-1/4" 83mm STEEL 8Cr13MoV WEIGHT 5.9oz. 166g **EDGE** P, PS

Boye Dent Tip Carry Pos Handedness



#### **BY03B**

CLOSED 4-3/4" **OVERALL** 8-5/8" BLADE 3-7/8" **EDGE** 3-1/4" STEEL 8Cr13MoV WEIGHT 5.9oz. **EDGE** PS

anyard Hole **Boye Dent** Lock Tip Carry Pos

121mm

166g



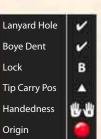




#### BY03G

CLOSED **OVERALL** BLADE **EDGE** STEEL WEIGHT **EDGE** 

4-3/4" 121mm 8-5/8" 219mm 3-7/8" 98mm 3-1/4" 83mm 8Cr13MoV 5.5oz. 156g P, PS







**EDGE** 

STEEL

**EDGE** 

# BY03BK CLOSED

4-27/32" 123mm OVERALL 8-11/16" 221mm **BLADE** 3-7/8" 3-1/4" 83mm 8Cr13MoV WEIGHT 3.8oz. 109g P, PS



# **BY04 MEADOWLARK**

A size smaller than the Cara Cara, Meadowlark's 3-inch blade places it center-ground in the compact folder category and its size, completely right for everyday carry. Meadowlarks cuts big without announcing themselves when taken out of a pocket.

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

Hollow-ground blade

**BY04B MEADOWLARK BLACK** 

Carbonitride coated blade and handle for

Stainless Meadowlark with black

non-reflected, unnoticed use.

David Boye Dent

#### **BY04 MEADOWLARK**

Stainless Meadowlark with pinchfree chamfered 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



#### **BY04**

CLOSED **OVERALL** 6-7/8" **EDGE** STEEL WEIGHT 4.1oz. **EDGE** P, PS

3-15/16" 100mm 175mm 2-15/16" 75mm 2-7/16" 62mm 8Cr13MoV 117g

Lanyard Hole Boye Dent Lock Tip Carry Pos Handedness

# BY04B CLOSED

OVERALL 6-7/8" 2-15/16" 75mm 2-7/16" 62mm **EDGE** 8Cr13MoV STEEL WEIGHT 4.1oz. EDGE PS

3-15/16" 100mm 175mm

117g

Boye Dent Lock Tip Carry Pos Handedness

Lanyard Hole

Origin







BYRD KNIVES

# Clip point blade with G-10 laminate

**BY05G FLIGHT G-10** 

- Ambidextrous tip-up clip
- Spine and choil jimping
- Full length dual steel handle liners
- David Boye Dent

handle.

Hollow-ground blade

#### **BY05 FLIGHT STAINLESS STEEL**

Clip point blades are ground from the spine, angling downward. The sharpened edge is then ground upward with the two angles intersecting near the tip, for tip-centered cutting power. Double finger indents allow choking closer-up to the cutting edge for responsive control.

- Right hand tip-up/tip-down clip
- Weight reducing swedge grind and handle cutouts
- David Bove Dent
- Stainless handle can be embellished
- Hollow-ground blade

#### **BY05**

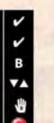
4-5/8" 117mm 7-7/8" 200mm 3-7/16" 87mm 3-3/16" 81mm 8Cr13MoV 5.5oz. 157g P, PS

В Tip Carry Position

Boye Dent

Handedness

ock



CLOSED OVERALL BLADE **EDGE** STEEL WEIGHT **EDGE** P, PS

BY05G

4-5/8" 117mm 7-7/8" 200mm 3-7/16" 87mm 3-3/16" 81mm 8Cr13MoV 4.1oz. 117g

Lanyard Hole Boye Dent ock Tip Carry Position Handedness





#### BY04BK



EDGE

4-1/32" 102mm 6-15/16" 176mm 2-15/16" 75mm 2-3/8" 8Cr13MoV 2.7oz. 76g

P, PS

Boye Dent Lock 61mm

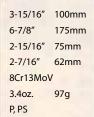








CLOSED **OVERALL** 6-7/8" **BLADE** EDGE 2-7/16" STEEL 8Cr13MoV **WEIGHT** 3.4oz. **EDGE** P, PS



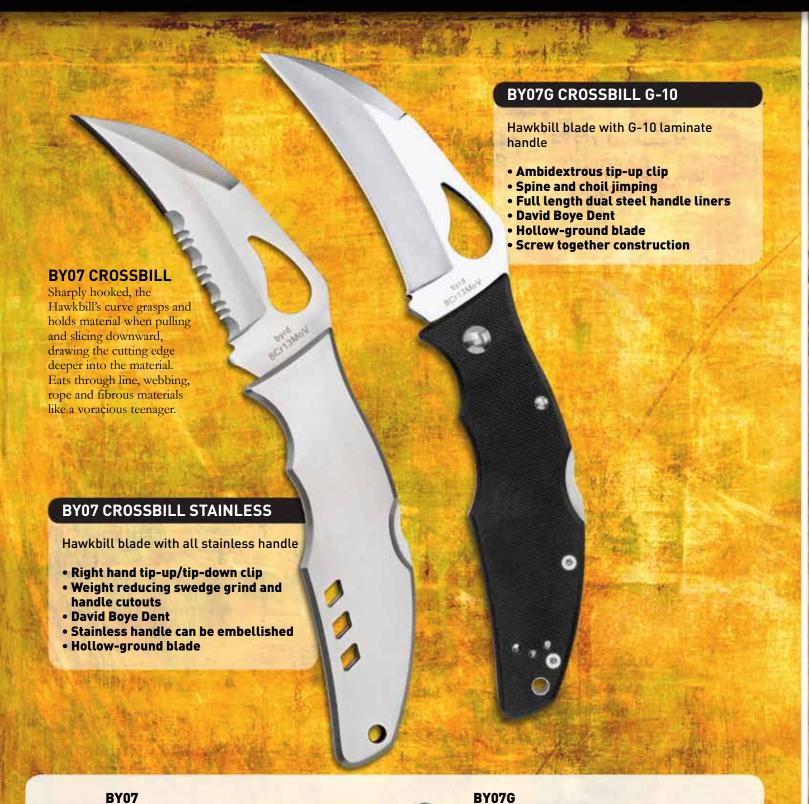






**BYRD KNIVES** 

# BYRD KNIVES



#### **BY08 RAVEN BY09 CROW**

a hint of protruding belly- and that's a good thing. Two sizes, the Raven and Crow have a blade-belly mid-blade, making them robust when applied to general cutting applications and everyday hard use.

Clip-point blades offer

#### **BY08G RAVEN G-10**

Clip-point blade with G-10 laminate handle

- Right hand tip-up clip
- Spine and choil jimping
- Full length dual skeletonized steel handle liners
- Michael Walker LinerLock
- Hollow-ground blade

# BY09G CROW G-10

Clip-point blade with G-10 laminate handle

- Right hand tip-up clip
- Spine and choil jimping
- Full length dual skeletonized steel handle liners
- Michael Walker LinerLock



- Hollow-ground blade



CLOSED **OVERALL** BLADE EDGE STEEL WEIGHT **EDGE** 

BY09G

3-7/8" 6-5/8" 168mm 2-13/16" 71mm 2-3/16" 56mm 8Cr13MoV 74g 2.6oz.

P, PS

Lanyard Hole LL **Tip Carry Position** Handedness Origin

0





**OVERALL** BLADE EDGE STEEL WEIGHT **EDGE** 

BY08G

CLOSED

0

111mm 4-3/8" 7-7/8" 200mm 3-1/2" 89mm 2-7/8" 73mm 8Cr13MoV

97g 3.3oz. P, PS

Lanyard Hole Tip Carry Position Handedness

Origin



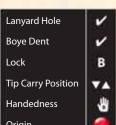




CLOSED **OVERALL** BLADE EDGE STEEL WEIGHT **EDGE** 

4-5/8" 117mm 7-5/8" 194mm 3-1/2" 89mm 3-1/8" 8Cr13MoV 157g 5.5oz.

P, PS



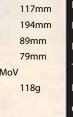




BLADE **EDGE** STEEL **EDGE** 

CLOSED 4-5/8" **OVERALL** 7-5/8" 3-1/2" 3-1/8" 8Cr13MoV WEIGHT 4.1oz. 118g

P, S









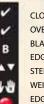


**BYRD KNIVES** 

# BYRD KNIVES @



# **BY10G**



CLOSED OVERALL BLADE EDGE STEEL WEIGHT EDGE

3-5/16" 5-13/16" 148mm 2-1/2" 64mm 1-7/8" 8Cr13MoV 2.5oz. 72g P, S

270 也也



**BY15 BYRDRENCH** 

Few people can claim that something they designed and built is truly unique. Yes. It was designed by a rocket scientist. byrdRench is the brainchild of an aerospace engineer in league with Spyderco R&D. What sets it apart from other multi-tools is its one-hand-open full-sized locking knife blade and wrench.

The body consists of two halves connected by a pivot. The pivot creates a slip joint plier (with large and small bite) on one end and an adjustable 9/16" wrench on the opposite end. The pivot also rotates open, locking both halves into a full-length tool that's comfortably chamfered with enough length

to torque on. When fully opened and locked, there's a magnetized screwdriver on one end and wrench on the other end. Housed inside are four screwdriver bits: #2 and #3 Phillips-head and #1 and #2 flat-head. The housing accepts any standard sized bit including Allen and Torx.® Rough file/hole-starter slides into a spring sitting above the bits keeping them in place. Releasing the pivot separates the two halves allowing use of the wrench and the screwdriver/knife independently or simultaneously.

A Transformer for adults.











CLOSED 3-5/16" OVERALL 5-13/16" 148mm BLADE 2-1/2" 64mm EDGE 1-7/8" STEEL 8Cr13MoV WEIGHT 3 107 EDGE P.S

**BY10** 

BY10BK CLOSED

3-5/16" 84mm OVERALL 5-13/16" 148mm BLADE 2-1/2" 64mm **EDGE** 1-7/8" STEEL 8Cr13MoV 61g WEIGHT 2.2oz. EDGE P, S

**Tip Carry Position** 



BLADE CLOSED 4-11/13" 119mm 178mm BLADE 2-1/2" 64mm **EDGE** 2-3/16" STEEL 8Cr13MoV WEIGHT 8oz. 228g **EDGE** 















CLOSED 4-1/32" 102mm OVERALL 7-1/8" 181mm BI ADE 3-1/8" 79mm 2-9/16" 65mm 8Cr13MoV WEIGHT 2.6oz.

Lanyard Hole Boye Dent Lock В AV **Tip Carry Position** Handedness

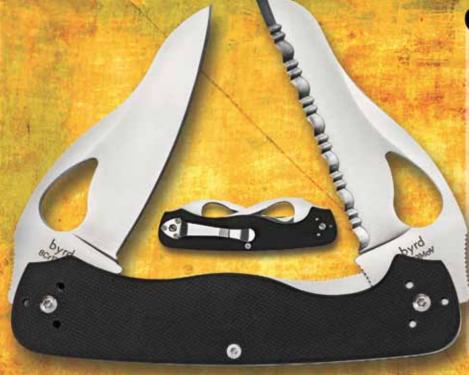


CLOSED **OVERALL** BLADE EDGE STEEL WEIGHT **EDGE** 

**BY17BK** 4-27/32" 123mm 8-3/4" 222mm 100mm 3-3/8" 8Cr13MoV 3.7oz. 104g

Lanyard Hole Boye Dent Lock В AV **Tip Carry Position** Handedness

Origin



#### **BY20G WINGS**

Can't decide? Do you want a full serrated Sheepfoot-shaped blade or a plain edged Clip-Point blade? Not a fan of combination edges? No worries. Wings has both fullsized blades, sitting shoulder-to-shoulder, in a G-10 laminate handle. Each locks and unlocks independently with a Walker LinerLock.

- \* Intended for use with one blade open at a
- 4-way clip: Tip-up/down-left/right
- Screw together construction
- Full length dual, skeletonized steel
- Phosphor bronze washers for smooth action
- Hollow-ground blades
- Nylon belt carry sheath included

# **BY21G WINGS SLIPIT**

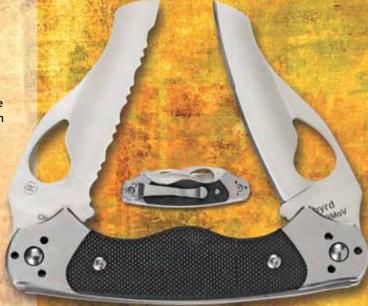
SLIPITS newly unveiled and expanding line of folders with non-locking blades held open via a notch joint. Today's world has lockback pocketknives persona non grata in a number of countries, and the number grows yearly.

What's a knife user do? Sacrifice performance, pacify non knife users, or gravitate to pocketknives engineered for high function and safety that fit the P.C. agenda.

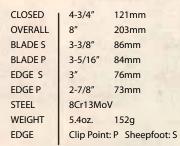
Stainless handle and bolsters with G-10 scales. Housed inside are dual blades: a Sheepfoot full-serrated blade and a Drop-Point plain edge blade. Blades sit shoulderto-shoulder, opening opposite each other, independently.

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
- Notch joint holds blades open for use
- Hollow-ground blades



#### **BY20**









**BY21** 





Origin









byrd knife



#### **BY200 DUCKFOOT SHARPENER**

It is shaped like a duck's foot. The Duckfoot sharpener's many surfaces tally up to 15-plus inches of diamond-coated abrasive sharpening area. Steel frame is nickel plated with 600 mesh mono-crystalline diamonds bonded to the nickel. Angles and sharpening surfaces include: 1"X5" flat diamond surface. 3-grooves run the length of the device: A wide-radius channel for de-burring, and both a medium and narrow radius channel hone pointed tools. When sharpening a knife blade, position the "foot" vertically upright on a tabletop. Tilting it side-to-side lifts one edge off the table creating a 20° angle (40° total angle) for blades. The long sides are elliptical with a large radius for PlainEdges and a smaller radius for sharpening SpyderEdges (serrations). Positioning on its' side horizontally creates a 12.5° scissor sharpening angle. Suede carry case doubles as a non-skid pad when sharpening on a counter or workbench.



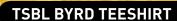
Instruction DVD included.



Recommendation: Sharpening with diamond abrasives generates the best results using gentle pressure.

Pressing the blade hard against the sharpener dislodges diamond particles from the plating and can damage both sharpener and cutting edge.

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



byrd Evolution teeshirt. 6.1oz pre shrunk 100% cotton tee. Double stitched neck, sleeve and bottom hem. Mountain Lake Blue with toxic green logo. S, M, L, XL, XXL.

# **HATBL BYRD HAT**

byrd Knife Military inspired cap.

Hats off to our U.S. military personnel. U.S.A. Made. Combed Navy cotton with toxic green logo. One-size-fits-all. Support Our Troops.

# **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 for misuse of any knife or product purchased either directly from Spyderco or from a dealer/distributor. You must be 18 years of age to purchase Spyderco/byrd knives. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

\*Contents and information in this catalog are 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

820 Spyderco Way • Golden. Colorado 80403• U.S.A.









- **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 formation.

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  $% \left\{ 1\right\} =\left\{ 1\right\} =$ 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.

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 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 martensite.
- **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.



#### ABS

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. Only the bottom edge is sharpened and the top of the spine is left unsharpened creating a false edge.

#### Choil

A choil is a dip or 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.

#### **Choil Jimping**

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

#### CLIPIT

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<sup>TM</sup>

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.

#### Cordura

Cordura® is a certified fabric from INVISTA. It is used in a wide range of products from luggage and backpacks to boots, to military wear and performance apparel. It is long lasting, resistant to abrasions, tears and scuffs. Spyderco utilizes this product on our SpyderPacs.

#### 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 Distal Tapering

A blade that tapers vertically from the spine to the sharp edge and additionally tapers horizontally from tip to tang. Double Distal Tapering reduces resistance and friction while the blade passes through something during cutting.

#### 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 Every-Day Carry meaning a knife that is carried and used daily.

#### $\mathbf{ELU}$

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.

#### E.M.T.

Acronym for Emergency Medical Technician.

#### Emerson Opening Feature

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.

#### 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.

#### G-Clip

Adjustable thermoplastic clip affixed to fixed blade sheaths to clip/attach the knife to a belt/pack in varying directions.

#### 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.

#### 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 grip.

#### Kydex

A thin thermoplastic commonly used for firearm holsters and knife sheaths. It is flexible, resistant to sweat, chemicals, oils and solvents. It is shaped by heat and retains its' set form.

#### Lanyard Hole

A small hole in a knife's handle for threading through a cord/string as a backup attachment when using the knife around water or where it may be dropped and lost.

#### Left/Right Hand Carry

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

#### LEO

Acronym for Law Enforcement Officer.

#### Little Big 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 done with larger, heavier tools.

#### MIM

Acronym for Metal Injection Molding. A process where liquefied metal is injected into a mold creating the ability to shape and form steel without stamping or laser cutting. See C109 "S" Model.

#### 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 inset/inlayed and fitted into the hollow section. Nesting increases strength while creating 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

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

#### Pommel

The knob or expansion found on the butt-end of a knife handle.

#### Quillion

A handguard protruding from both sides of the handle (where handle and blade meet) stopping 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 are hollowed out (skeletonized). In removing sections of steel, bulk and weight are reduced while allowing the liner to maintain its strength and rigidity.

#### SLIPIT

Spyderco and byrd Knife folders with non-locking blades held open via a notch-joint. Since they have a pocket clip they are designated a CLIPIT with a slip joint blade, thus SLIPIT.

#### 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.

#### 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 less than 1500 pieces.

#### Spyderco Trademark Round Hole<sup>TM</sup>

Round hole located in the knife blade used for one-hand opening and closing of a knife blade.

#### Tang

The portion of the blade where it connects to the

#### 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.

#### l'itanium .

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, Bali Yo, Ball Bearing Lock, Bi-Directional Texturing, Bi-Fold, Black Hawk, Bodacious, Bug Design, Bug, Bushcraft Knife, byrd knife, byrdRench, Caly3, Calypso, Calypso Jr., Captain, Cara Cara, Cara Cara Rescue, Caspian Salt, Cat, Catbyrd, Catcherman, Chicago, Chinook, Chokwe, Citadel, Civilian, Clip-Kit, CLIPIT, Clutch-Lock, Cobra Hood, ComboEdge, CombinationEdge, Compression Lock, CoPilot, Cricket, Critter Line, Crossbill, Crow, Dayhiker, Delica, Delica, Delica III, Delica III, Delica H, DK Penknife, Dodo, Double Stuff, Dragonfly, Duckfoot, Dyad, Dyad Jr., Edge-U-Cation, Embassy, Endura, Endura III, Endura III, Endura 4, Evolution Edition, Executive, Finch, Firebyrd, Flatbyrd, Flight, Forager, Forester, Galley "V", Golden Stone, GrassHopper, Gunting, Harp, Harp Tool, Harpy, HoneyB ee, Hummingbird, Hunter, Impala, Ironstone, Jester, Jumpmaster, Kinetic Opening, Kiwi, Kopa, Kris Folder, Kumo, LadyBug II, LadyBug II, LadyBug 3, Lava, Little Big Knives, Lil' Temperance, LBK, Manix, Manix2 Mariner, Mariner Salt, Matriarch, Meadowlark, Meadowlark Rescue, MeerKat, Merlin, Micro Dyad, Military Model, Mini Dyad, Mini Mariner, Mini Probe, Native, Native II, Native III, Native4, Navigator, Ocelot, P'Kal, Para-Military, Pacific Salt, Pegasus, Pelican, Persian Folder, Persistance, 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, R Salt, Ronin, Rookie, "S", Sage, Salsa, Salt Series, Salt I, Samaritan, Saver Salt, Scorpius, SecureLock, SecurLok, Shabaria, Sage, Sharpmaker, SLIPIT, Slip-It, SmallFly, Snap-It, Spin, Sprint Run, S.P.O.T., Solo, Speed Sleeves, SpringClip, SpringLock, Sprint Run, Spur, SpyderCard, Spyderco, Spyderco Trademark Round Hole, SpyderEdge, SpyderFly, SpyderHawk, SpyderHawk Salt, SpyderRey, SpyderPac, SpyderPac, SpyderSaw, SpyKer, Standard, Starling, Starmate, Street Beat, Stretch2, Swick, SuperHawk, SzaboFly, T-Mag, Tasman Salt, Temperance, Tenacious, Ti-Mil, Trakk'r, Tri-Angle Sharpmaker, UK Penknife, Urban, Vagabond, Vesuvius, Volcano Grip, Volpe, Warrior, 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".

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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, D402,177, 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, D422,052. Other U.S. and foreign patents pending.

CPM, Crucible, Empire/Boltaron, H-1, KRATON, Kydex, Linerlock, Micarta, Para Cord, 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. Wave 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.

Bowie Shaped Blade Blade with an upswept curving tip that can be (or not) double-edged near the point. Named after Colonel James Bowie who made the shape famous in the 19th century American West.



**Hawkbill Blade** A sharply curved blade with a sharpened inside edge. Designed for cutting while reaching out and pulling downward, it is commonly used by commercial fishermen for cutting line, webbing and netting.

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 backward S with the tip curving downward. The thickest part of the blade (the belly) curves in the same direction as the tip.

**Sheepfoot Blade** A blade with a round blunt tip without a traditional point. Being rounded lessens the chance of accidental puncturing around livestock, inflatable watercraft and during emergency cutting.

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.

Double edged blade A blade with a sharpened edge on both the bottom and spine of the blade



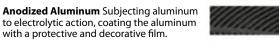
Almite A coating used on aluminum handles, similar to anodizing. It resists scratching and marring and can be tinted to any color.

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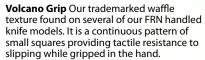
EDELIK MEMBERSAN



**Carbon Fiber** Graphic fibers (the size of a human hair) woven together then fused with epoxy resin. Lightweight with a high level of tensile strength it is three dimensional in appearance and costly to manufacture.



**Bi-Directional Texturing** Patented texture pattern molded into FRN handles with forward and backward graduating steps radiating outward from the center of the handle. It provides resistance to slipping in the hand.



G-10 An epoxy filled woven glass fiber that is rigid, impervious to temperature changes and chemicals and can be tinted into different

**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 material

**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

**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.

























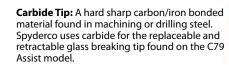


#### **EDGE GRINDS**

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

**SpyderEdge** Spyderco's two-step serration patterns consisting of one large and two small serrations. The pattern increases the cutting edge's surface area by up to 24%,

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

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

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.

**Ball Joint Non-Locking System** 

Designed by knifemaker Bob Terzuola. A restraining device keeping a knife blade from closing by having the blade overcome a small ball bearing to close. The Ball Joint also halfstops the blade when closing for additional safety. Image of locking system from Peter.

#### **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 of the blade.

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

**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 one side.

**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**

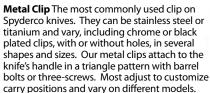
Black Electric Plating A non-reflective coating adhered to steel using an electrostatic process. It eliminates the steel's reflective quality.

**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	NIOBIUM	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		
440C	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	0.10.000	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	0.50			0.30			1.20
Cronidor 30	0.35	16.00				1.00	1.10	0.50	0.50		1.00			 2.7E
CPM-3V CPM-9V	0.80	7.50					1.30							2.75
CPM-9V CPM-10V	1.78 2.45	5.25 5.25					1.30 1.30							9.00 9.75
CPM-10V CPM-15V	3.40	5.25					1.30							14.50
CPM-13V CPM-M4	1.40	4.00				0.30	5.25				0.55	0.06	5.50	4.00
CPM-S30V	1.45	14.00				0.30	2.00				0.00	0.00	J.JU 	4.00
CPM-S35VN	1.38	14.00		Nb+N=<1.00			2.00		Nb+N=<1.00					4.00
CPM-S60V(440V)	2.15	17.00				0.40	0.40				0.40			5.50
CPM-S90V(420V)	2.30	14.00					1.00				0.40			9.00
CPM-S110V	2.90	14.10	2.25	3.60		0.40	3.65				0.60		0.20	9.10
CTS-B52	0.98-1.10	1.30-1.60				0.25-0.45					0.15-0.30			
CTS-BD-1	0.90	15.50				0.60	0.30				0.37			0.10
CTS-B75	1.10-1.20	14.0-15.0				0.50	3.80-4.20				0.30			1.00-1.50
CTS-204P	1.90	20.00				0.30	1.00				0.60		0.65	4.00
CTS-XHP	1.60	16.00				0.50	0.80	0.35			0.40			0.45
CTS-20CP	2.20	13.00		/		0.50	1.30				0.90			9.30
CTS-40CP	0.95-1.20	16.0-18.0				1.00	0.75				1.00			
D-2	1.55	11.50					0.90							0.80
Elmax PM 170	1.70	18.00				0.30	1.00				0.80			3.00
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
N690Co	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												

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