

# SHOCKLES® LINESNUBBER™

Shockles  
LineSnubber  
#2400 Blue  
#2410 Black



**Reduce Dangerous Shock Loads**

**Reduit les Charges Instantanées  
Dangereuses**

**Gefährliche Stoßlasten reduzieren**

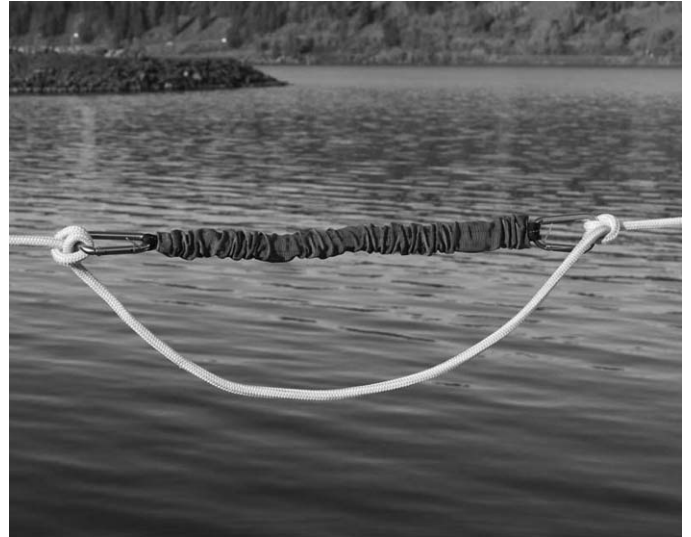
**Riducono i Carichi Pericolosi**

**Reduzca las cargas de choque  
peligrosas**

Shockles are THE SHOCK ABSORBING SOLUTION that minimizes stress on ALL lines. With the progressive tension design and patented Internal Stretch Limiter, the further it stretches, the greater the return force.

For marine applications:

- Davis LineSnubber is a multi-purpose shock absorber for use on any boat
- Patented design reduces shock to any line, cleat or ground tackle, including bow rollers and rigging
- Attaches, adjusts or removes quickly and easily; use a simple clove hitch or buy a pair of Davis LineGrabbers™ (#2460)
- Reduces or eliminates all noise from creaking, groaning dock lines or ground tackle—jarring is minimized too
- Increases the life of dock or anchor lines by reducing chafe
- Compensates for tidal surge and chop from wind waves
- When rigged properly, LineSnubber keeps boats centered in the slip
- Excellent as both a dock line snubber and anchor snubber
- One size serves most applications, or double up and use two LineSnubbers side-by-side on heavier boats
- Available in two colors, blue or black



## Français

Pour les applications marines :

- Le modèle breveté réduit le choc sur les bouts, les taquets, les chaînes de mouillage, y compris les daviers et le gréement.
- Les Davis Shockles sont un amortisseurs polyvalents pour bateaux
- Fixation, ajustement et enlèvement rapides et faciles, en utilisant un simple nœud de cabestan ou en achetant une paire de Davis LineGrabbers
- Réduction, voire élimination de tous les bruits, des crissements aux grincements des amarres ou des chaînes de mouillage – les bruits discordants sont également réduits
- Augmentation de la durée de vie des amarres en réduisant l'usure
- Shockles compense la houle et le coup des vagues
- Lorsqu'il est convenablement gréé, Shockles maintient des bateaux centrés sur la cale
- Modèle à tension progressive et limiteur d'étirement interne breveté
- Utiliser deux Shockles ou plus pour des bateaux et des charges plus gros et plus lourds

## Deutsch

Für maritime Anwendungen:

- Das patentierte Design reduziert Stoßlasten an allen Leinen, Klampen, Ankergeschirren inklusive Rollenspiegel und Takelagen.
- Davis Shockles sind Mehrzweck-Schockabsorber für jedes Boot
- Schnelles und einfaches Anbringen, Anpassen und Entfernen — nutzen Sie einen einfachen Webleinenstek oder kaufen Sie ein Paar Davis LineGrabber
- Reduzieren oder beseitigen Sie alle Geräusche durch knarrende, ächzende Dockleinen oder Grundgeschirre — auch Rütteln wird minimiert
- Steigert die Lebensdauer der Dockleinen durch Verringerung des Abscheuerns
- Der Shockle gleicht Tidenhub und Schläge durch Windwellen aus
- Bei korrekter Auftakelung bleiben Boote mit Shockles im Spross zentriert
- Progressives Spannungsdesign mit patentiertem internen Dehnungsbegrenzer
- Verwenden Sie zwei oder mehr Shockles für größere, schwerere Boote und Lastendesto mehr Widerstand bieten die Shockles

## Español

Para aplicaciones náuticas:

- El diseño patentado reduce el impacto en cualquier línea, cornamusa y trastos de tierra incluyendo los rodillos de proa y el aparejo
- Los Davis Shockles son un amortiguador multiuso para uso en cualquier barco
- Manera rápida y sencilla de ajustar o remover- use un ballestrinque simple o compre un LineGrabber Davis
- Reduzca o elimine todos los ruidos de chirrido, de las líneas del muelle o aparejos de tierra- el discordante se minimiza también
- Aumenta la vida de las líneas del muelle reduciendo el roce
- Los shockles compensan la subida de la marea y el corte de las ráfagas de viento
- Cuando se arma correctamente, los Shockles mantienen los barcos centrados en el amarre
- Diseño de tensión progresiva y limitador de estiramiento interno patentad
- Use dos o más Shockles en barcos y cargas mas grandes y pesadas

## Italiano

Per utilizzo in ambito nautico:

- Grazie al disegno brevettato è possibile ridurre le variazioni istantanee di carico su qualsiasi cima, galloccia e ancoraggio, inclusi rulli di prua ed attrezzatura.
- I Davis Shockles sono ammortizzatori multi-uso per qualsiasi tipo di imbarcazione
- Montaggio, regolazione e smontaggio facili e veloci: è sufficiente un semplice nodo parlato, oppure una coppia di Davis LineGrabber
- Riducono o eliminano tutti i rumori ed i cigolii delle cime d'ormeggio o d'ancoraggio, minimizzando anche gli strattoni
- Prolungano la durata delle cime d'ormeggio riducendone lo sfregamento
- Gli Shockles compensano le escursioni di marea e i movimenti dovuti a vento e onda
- Se installati correttamente, gli Shockles mantengono la barca al centro dell'ormeggio
- Progettato per tensioni progressive, con Limitatore interno di allungamento brevettato
- Per imbarcazioni e carichi di maggiore entità utilizzare due o più Shockles



### **WARNING:**

- Always use Shockles in parallel with a strong rope or line. Never allow Shockles to bear a full load alone. Shockles are designed to absorb in-line shock only.
- Do not use any Shockles product to directly suspend or hold any loads or as a personal tether. Not for climbing or for use as a static line.
- Always consult with a qualified engineer for any special applications.

### **AVERTISSEMENT :**

- Utilisez toujours les Shockles en parallèle avec un cordage ou un bout robuste. Ne laissez jamais les Shockles absorber seul une pleine charge. Les Shockles ont été conçus pour absorber seulement les chocs en ligne ;
- N'utilisez aucun produit Shockles pour suspendre ou tenir directement une charge ou en tant qu'attache personnelle. Il n'a pas été conçu pour l'escalade ou comme sangle d'ouverture automatique ;
- Demandez toujours l'avis d'un technicien qualifié pour toutes les applications spéciales.

### **WARNUNG:**

- Verwenden Sie Shockles immer parallel mit einem starken Seil oder einer Leine. Lassen Sie Shockles niemals alleine eine Volllast tragen. Shockles sind nur dafür ausgelegt, Stöße im Seil zu absorbieren.
- Verwenden Sie ein Shockles Produkt keinesfalls, um Lasten direkt zu tragen oder als Halteleine. Nicht zum Klettern oder als statische Leine geeignet.
- Fragen Sie bei speziellen Anwendungen immer einen qualifizierten Techniker.

### **AVVERTENZA:**

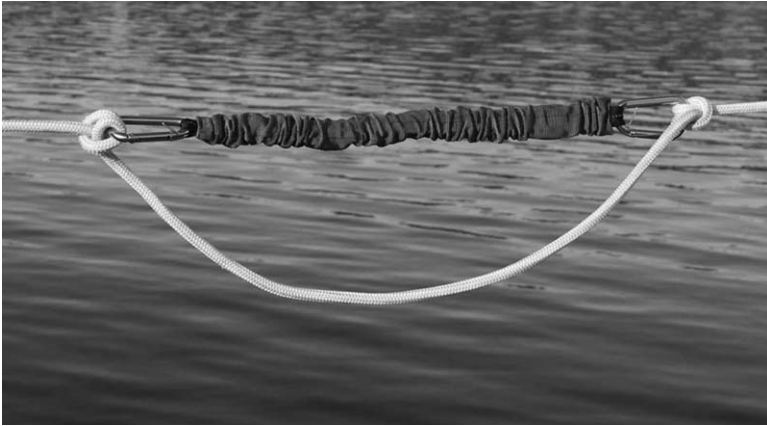
- Utilizzare sempre gli Shockles assieme ad una cima o una gomena robuste. Evitare sempre che siano gli Shockles a sopportare da soli tutto il carico, in quanto sono progettati soltanto per assorbire le variazioni di carico lineare.
- Non utilizzare alcun prodotto Shockles per sospendere direttamente o sostenere alcun carico, oppure come imbragatura per persone. Non sono adatti per arrampicarsi o come cime statiche.
- In caso di utilizzi particolari, consultare sempre un tecnico specializzato.

### **ADVERTENCIA:**

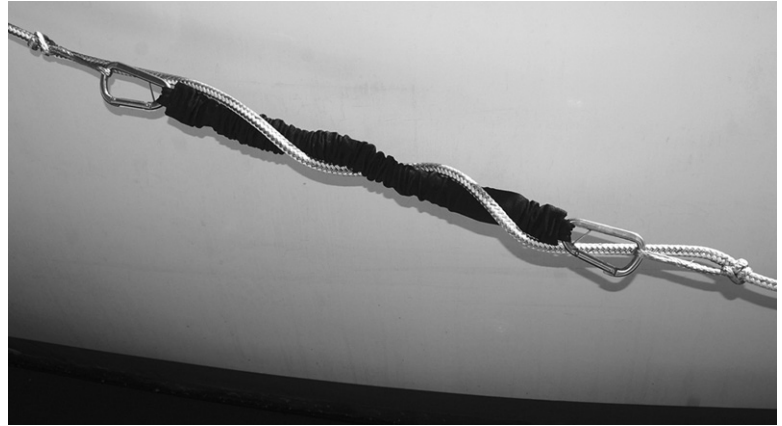
- Los Shockles siempre se deben utilizar paralelamente con una cuerda o línea resistente. Nunca permita que los Shockles carguen con toda el peso. Los Shockles están diseñados para absorber exclusivamente los choques en la línea.
- No utilice ningún producto Shockles para suspender o sostener ninguna carga o como correa personal. No es para escalar o para uso como línea estática.
- Siempre consulte con un ingeniero calificado para cualquier aplicación especial.

## RIGGING AND SAFETY

Shockles are strong, but it is important that they be rigged correctly. Shockles should never bear the full load alone—always rig in tandem with the line so the line bears the load when Shockles are stretched. In most applications, the optimum slack that should be allowed in a load bearing line is six inches or less (15 cm). That is all the slack that is usually needed for Shockles to do their job.



These two photos show LineSnubber rigged in-line with the load. The slack can be seen dangling in the photo on the left. In the photo on the right, the slack has been 'neaten up' by wrapping it around the snubber. In most cases two or three wraps will equal 4–6" (10–15 cm).



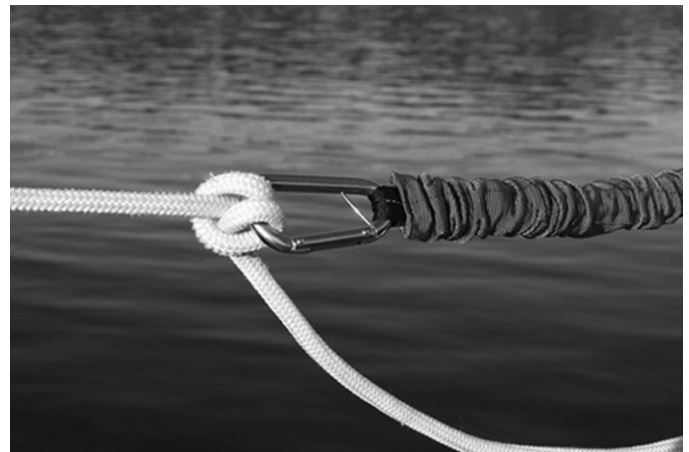
## RIGGING OPTIONS

Two methods of attaching LineSnubber:



### Davis LineGrabber, #2460, an optional accessory

LineGrabber makes attaching LineSnubber fast and simple on any line up to 1" (25 mm). LineGrabber is made of high modulus polyethylene line with a loop sewn in each end. It is attached anywhere along the line by using a simple climbing knot called a Prusik hitch. LineGrabbers are sold in pairs and allow for easy adjustment during initial setup or when changing attachment location.



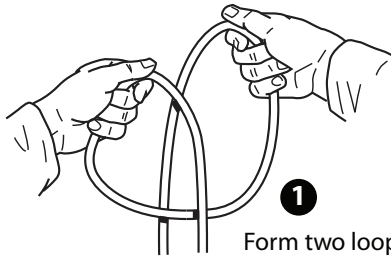
### Clove Hitch Knot

The other way to attach LineSnubber is by using a simple clove hitch (see instructions on next page). The clove hitch is not as easily adjustable as LineGrabber, but is perfectly acceptable on all line up to 3/4" in diameter (19 mm).

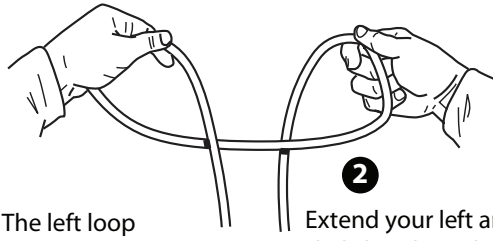


## CLOVE HITCH

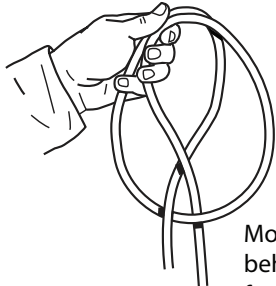
To attach LineSnubber to lines 3/4" (19 mm) and smaller.



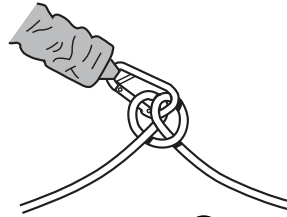
**1**  
Form two loops. The left loop is nearer, the right further away.



**2**  
Extend your left arm slightly, taking the left loop further away.



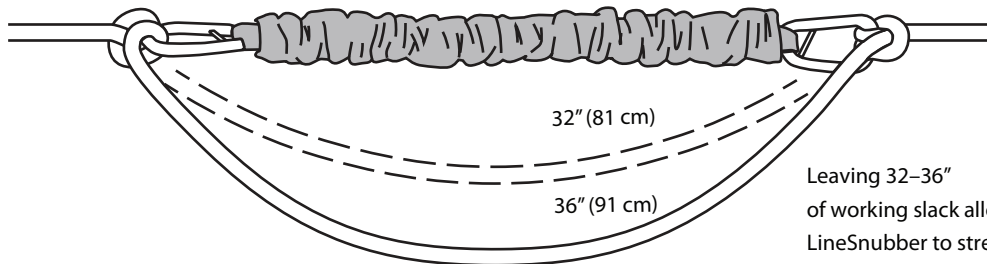
**3**  
Move the left loop behind the right one, forming the hitch.



**4**  
Snap your Shockle to the constricting loop. With a clove hitch, the more you pull, the tighter it becomes.

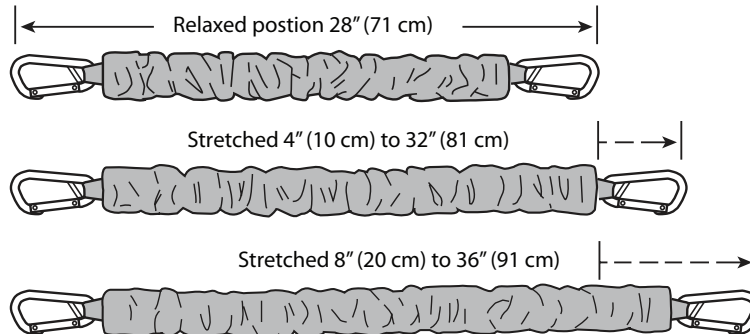
**NEVER** allow LineSnubber to bear the full load.

Instead, always rig LineSnubber in-line, leaving 32–36" (81–91 cm) of working slack between the carabiners.



Leaving 32–36" of working slack allows LineSnubber to stretch 4–8" (10–20 cm) before the line takes over to bear the full load.

### MAXIMUM RECOMMENDED WORKING STRETCH



## Suggested Uses for Shockles LineSnubber

Use	How Much Slack Line Between Carabiners	Expected Benefit
<b>DOCKLINES</b>	32–36" (81–91 cm) allows for 4–8" of stretch (10–20 cm)	Keeps boat nicely centered between docks; reduces shock load to lines and cleats. Reduces or eliminates jarring and line noise. Increases life of dock lines.
<b>ANCHOR SNUBBER</b>	34–36" (86–91 cm) allows for 6–8" of stretch (15–20 cm)	Reduces wear on anchor rode; helps keep anchor from shifting. Absorbs shock loads to bow roller, windlass and cleats. Quiets noise from anchor rode. See Davis AnchorSnubber™ #2420, designed for use with all-chain ground tackle.
<b>BOOM PREVENTER</b>	34–36" (86–91 cm) allows for 6–8" of stretch (15–20 cm)	Minimizes dramatic shock loads to boom, preventer line and attachment points. Good choice for sailing off the wind or stabilizing the boom on trawlers.
<b>TENDER TOWING</b>	32–34" (81–86 cm) allows for 4–6" of stretch (10–15 cm)	Reduces stress on towing line, protects weak attachment points on tender, keeps tender from surging forward and snapping back at the end of the line.
<b>BOOM TIE DOWN</b>	30" (76 cm) allows for 2" of stretch (5 cm)	Keeps boom on sailboat or trawler from swinging freely, reduces static load on rigging.
<b>TENDER TIE DOWN</b>	n/a	Secures inflatable on deck. Shockles will expand or relax as temperature changes cause the inflatable to expand or contract, holding the dinghy snugly.
<b>SPINNAKER TACK</b>	32–34" (81–86 cm) allows for 4–6" of stretch (10–15 cm)	Minimizes pressure on nylon sails caused by gusts or running into back of wave after surfing, normalizes tension on sails.
<b>TILLER LEASH</b>	n/a	Keeps tiller in place at the dock or under way, protects rudder by reducing shock load in case of collision with underwater object.



**See the full line of SHOCKLES®  
shock absorbing solutions  
at [www.davisinstruments.com](http://www.davisinstruments.com)**

*Unique designs engineered in the USA. Patented.*



**Shockles LineSnubber**

Reduces tension on dock lines—compensates for surge. Patented line stretch limiter and progressive tension design. Also useful for towing, tie-downs and preventers. Two 316 s.s. carabiners. 20 inches (51 cm) long.  
#2400 Blue  
#2410 Black



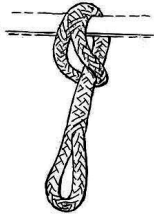
**DockShockle**

Designed for smaller, lighter boats up to 40 feet (12 m). Two 7 inch (18 cm) Mini-LineGrabbers included for quick and easy attachment or adjustment. Use on braided or twisted line from 3/8" to 3/4" (10–19 mm).  
12 inches (31 cm) long.  
#2415 Black



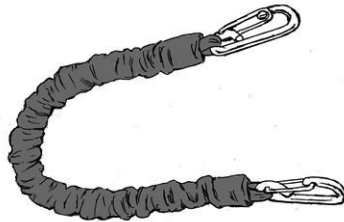
**AnchorSnubber**

Reduces tension on anchor chain, rode or snubber line. Eliminates chain noise and shock loads in bumpy anchorages. Helps keep anchor set. Protects roller, windlass and cleats. Two 316 s.s. captive key pin shackles. 20 inches (51 cm) long.  
#2420 Black



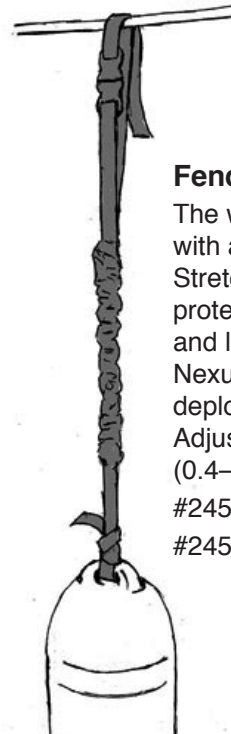
**LineGrabber**

Add a strong, instant attachment point to any line up to 1" (25 mm) by using a simple Prusik hitch. LineGrabber is made of UV resistant, Ultra High Modulus Fiber rated at 2200 pounds SWL (1000 kg). A great companion product for use with Shockles LineSnubber. Measures 9" (23 cm) long with a spliced & sewn loop at each end.  
#2460 Pair



**MiniShockle**

This is a bungee cord on steroids. MiniShockles hold up to 300 lbs. (136 kg) to protect your valuable gear. Ten times stronger than a standard bungee cord.  
#2430 Black 12" (31 cm)  
#2440 Black 18" (46 cm)  
#2445 Black 24" (61 cm)



**FenderFriend**

The world's only fender whip with a built-in shock absorber. Stretches up to 12" (31 cm) to protect rails, cleats, stanchions and lifelines from shock loads. Nexus® nylon buckle makes deploying fenders a snap. Adjusts from 16–72" (0.4–1.8 m) to fit most boats.  
#2450 Twin eye, black  
#2455 Center tube, black

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