



ACW
BUCKLES & WEBBING

**PLASTIC BUCKLES &
METAL HARDWARE**
MANUFACTURED IN THE USA



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The leading manufacturer of
Berry Compliant Plastic Hardware



For further information about ACW,
please contact us at (401) 762-5500 or visit www.acw1.com

SIDE & CENTER RELEASE BUCKLES



Breakaway Buckle (BB)
Excellent for collars or lanyards. Average breaks at 3 Lbs.

Sizes: $\frac{1}{2}$ " , $\frac{3}{4}$ " , 1"



Break Away (BBL) Buckle Lanyard
No Sewing. Perfect for lanyards. Average breaks at 1.5 Lbs.

Sizes: $\frac{5}{8}$ " , $\frac{3}{4}$ "



BSR Buckle
Allows single handed adjustment & release. Original industry standard buckle.

Sizes: $\frac{5}{8}$ " , $\frac{3}{4}$ " , 1" ,
1 $\frac{1}{2}$ " , 2"



BSR Type V
Meets Type V floatation requirements. UL Approved.

Size: 1"



Curved Side (BSR-P) Release Buckle
Curved buckle for comfort.

Sizes: $\frac{3}{8}$ " , $\frac{1}{2}$ " , $\frac{5}{8}$ " , $\frac{3}{4}$ " , 1"



CSR Type V Buckle
Increased strength with less bulk. Meets Type V floatation requirements. UL Approved.

Sizes: 1" , 1 $\frac{1}{2}$ "



CSR Contoured Side Release Buckle
Contoured for more comfort on collars, belts, harnesses.

Sizes: $\frac{3}{4}$ " , 1" , 1 $\frac{1}{2}$ " , 2"



CSR Double Adjust Buckle
Contoured with double locking.

Sizes: 1" , 1 $\frac{1}{2}$ " , 2"



Center Release (CTR) Buckle
Simple release with one push button.

Size: 1"



GM Quick Release Buckle
Lift latch and quick release.

Sizes: 1" , 2"



HFSR Hidden Female Side Release
Web is shielded on one side. Intricate face.

Size: 1"



LESR - Law Enforcement Side Release Buckle
Require two release actions to unlock.

Size: 2" , 2 $\frac{1}{4}$ "

All items can be made with our heat stabilized, **FIRELOC** material designed for high-heat applications. These items have been tested and approved by **Underwriters Laboratories** for use in the United States and Canada and are UL/ULC Certified to NFPA Standards for Safety.

SIDE & CENTER RELEASE BUCKLES



LSR Side Release Buckle

Sleek design, low profile and lightweight.

Sizes: 3/4", 1"



LSR Double Adjust Buckle

Double locking for easy adjustment.

Sizes: 3/4", 1"



MPC Pouch clip (female) with Back Plate (4 Posts)
Use with MSR Male 1" variations.

Size: 1"



MSR Side Release Buckle

Military Grade Side Release.

Sizes: 3/4", 1", 1 1/2", 2"



MSR Double Adjust Buckle

Double locking feature.

Sizes: 1", 1 1/2", 2"



MSR Buckle with Slot F/S

Simple field repairs without removing sewing.

Sizes: 1", 1 1/2"



MSR M/Hole Male Buckle with Hole

Designed for installation of cord. Use with MSR Female 3/4".

Size: 3/4"



MSR Field Attachment

Quick adjustmet in field without sewing. Use with MSR Male 1".

Size: 1"



MSR Male Loop M/L

Simple solution when no adjustment is needed. Use with MSR Female 1".

Size: 1"



MSR Camo Buckle

Versitile camo pattern for combat and hunting environments.

Sizes: 3/4", 1", 1 1/2", 2"



Orbital Buckle

Rotational concept can be molded for use with cord or webbing.

Sizes: 1/8" - 1"



PSR Prowler Side Release Buckle

Sleek and airy design for apparel applications.

Sizes: 3/4", 1", 1 1/2"

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PVCR Pivot Center Release Buckle
Easy rotating design allows for effortless movement.

Sizes: 5/8", 3/4", 1", 1 1/2"



SKR Side Kick Release Buckle-Double Adjust
Designed for rapid side release with gloved hands.

Sizes: 5/8", 3/4", 1", 2"



SPA - Center Release
Ideal for flat surface security.



SPA - Side Release
Solution for added security to hot tub covers.



T-1 Bullet
Approved for Type 1 Life Jackets. 500 Lb Break Strength - One of the strongest plastic buckles in existence.

Size: 1"



TWSR Three Way Side Release Buckle
Split release system. Perfect for "Y" shaped connections.

Size: 1"



VSR Vented Side Release
Open air design for a stylish update to bulky side release buckles.

Sizes: 3/4", 1", 1 1/2"



ZPSR Zinc Plastic Side Release
Polished metal provides a trendy look for bags and apparel.

Sizes: 5/8", 3/4", 1", 1 1/2"



The most versatile buckles available; designed to ensure smooth and easy tightening without slippage. Each offers the convenience of one-handed release or tightening of webbing.

CAM BUCKLES



Cam Buckle (CB)
Ideal for lighter weight cargo securement. 2 slots on base
Sizes: $\frac{3}{4}$ ", 1", 1 $\frac{1}{2}$ ", 2"



Cam Buckle (CB)
1 slot on base.
Size: 1 $\frac{1}{2}$ "



Cam Buckle (CB)
2 slots & 2 holes on base.
Size: 2"



LP-1 Cam (CB-LP) Buckle Low Profile
Low profile version for light weight applications like helmet straps.
Size: $\frac{3}{4}$ "

METAL FASTENERS



Pivoting Jaw Buckle (# 112)
Nickel Steel
Sizes: 1", 1 $\frac{1}{2}$ ", 2"



Floating Bar Buckle (# 136)
Unichrome Zinc Plated
Size: 2"



Spring Loaded Level (# 142 Series)
Nickel Steel w/ SS
Sizes: $\frac{3}{4}$ ", 1"



Rectangle Loop
Nickel & Stainless Steel
Sizes: 1", 2"



Wire-Form Snap Hook (# 720)
Nickel & Stainless Steel
Sizes: 1", 1 $\frac{1}{2}$ "



D-Ring
Nickel & Stainless Steel
Size: 1"



Chaffe Tab
Stainless/White
Size: $\frac{3}{4}$ "

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LADDERLOCKS



DB Single Lock Buckle
Original industry standard. Once piece web adjustment buckle.

Sizes: $\frac{5}{8}$ " , $\frac{3}{4}$ " , 1" ,
1 $\frac{1}{2}$ " , 2"



DB Double Lock Buckle
No sewing necessary when using both sides of the buckle for adjustment.

Sizes: $\frac{3}{4}$ " , 1"



DB Single Lock/Field Repair Buckle
Designed for webbing to slip on and off with no sewing in the field.

Size: 1"



DBL Double Bar Buckle
Upgraded heavy duty bar buckle. Simple web adjustment.

Size 1"



DBL Bar Buckle w/slot
Heavy duty bar buckle. Quick web replacement in field with no sewing.

Size 1"



HDB Heavy Duty Single Lock Buckle
Strongest double bar buckle. Designed with high release angle.

Sizes: 1" , 2"



HDB w/Hole
Heavy Duty Bar Buckle w/hole for cord attachment.

Size: 1"



HRL Curved High Release Lock Buckle
Curved buckle modified with the highest release properties for applications without slippage.

Size: $\frac{3}{4}$ "



MDB Single Lock Buckle
Strong compact 3 bar buckle for high release angle for safety.

Sizes: 1" , 2"



VPR Viper Buckle
New impression to the Double Bar Buckle. Sleek look and stronger than the standard Double Bar Buckle.

Sizes: 1" , 1 $\frac{1}{2}$ "

MATERIALS & COLOR OPTIONS

Standard Materials: Acetal, Nylon, High Heat or Fire Retardant grades available.

Products available in established and custom colors

Black, White, Yellow, Red, Wolf Grey, Coyote Brown #498, Tan #499, Foliage Green #504, Camo Green #483



ACW's loops are ideal for joining straps or webbing where no adjustment is needed. ACW's slides have infinite adjustment to meet your needs.

LOOPS / SLIDES / ADJUSTERS



K Keeper
Secures loose ends of webbing.

Sizes: 1", 1½", 2"



Keeper Med Gap (K)
Perfect for securing belts and backpack straps.

Sizes: ¾", 1", 1½", 2"



Keeper Sm Gap (K)
Ideal when a tight fit to secure straps is required.

Size: 2"



LP Simple Loop
Hold down loose straps or act as a connection point.

Sizes: ¾", 1", 1¼", 1½", 2", 3"



LPM Medical Loop
Concave design to keep webbing in alignment under load.

Sizes: 1", 1½", 2",



Universal Loop LPU
Acetal

Sizes: ¾", 1", 1½", 2"



SL
Slide bar. Designed for use with the WSB - Web Sling Bar



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SLP Sewable Loop
Can be sewn directly to fabric. Eliminates extra material tab for sewing.

Sizes: 1", 1½", 1¾"



SLP-LT Sewable Loop (Long Tab)
Sewable Loop with long tab.

Sizes: 1", 1½", 2"



SLPM Sewable Loop (Medical)
Sewable concave loop for medical devices.

Sizes: 1", 1½", 2"



SLPM-LT Sewable Loop (Medical Long Tab)
Sewable concave loop with long tab for medical devices.

Sizes: 1", 1½", 2"



RL Reducer Loop
Enables connections between two different webbing widths.

Sizes: 1" - 1½", 1" - 2", ¾" - 1½"



TL Tri-Loop
Use with WSB in applications for joining webbing and hook.

Sizes: ¾", 1", 1½"



SB Single Bar Slide
Strong, yet lightweight. Standard profile design.

Sizes: ¾", 1", 1¼", 1½", 2", 3"



SB Low Profile Slide
Low profile design is an attractive way to blend any strap on an assembly.

Sizes: 5/8", ¾", 1", 1½"



SB-T Locking Teeth Slide
Teeth have been added for extra grip reducing slippage.

Size: 2"



SB-W Wide Profile Slide
Accommodates thicker webbing with a low profile design.

Sizes: 1", 1½", 1¾", 2"



SS Sternum Strap Buckle
Simplifies attachment of a sternum strap to other components of your backpack.

Size: 1"



SS Sternum Strap Adjuster
Field design eliminates need to remove stitching.

Sizes: ¾" - 1"

ACW's Rings come in a wide selection of styles and sizes. Our hooks are most often used for detachable shoulder, waist and utility straps. The rugged hooks give superior performance and have high tolerance to extreme weather and treatment.

RINGS & HOOKS



DR D-Ring

Heavy weight DR for higher strength when a stable attachment is required.

Sizes: $\frac{3}{4}$ " , 1" , $1\frac{1}{4}$ " , $1\frac{1}{2}$ " , 2"



D-Ring with Slot

Guide slot threading keeps webbing in cosmetic alignment.

Size: 1"



MDR Military D-Ring

Robust military D-Ring is one of the strongest DR's on the market.

Size: $1\frac{1}{2}$ "



SDR Sewable D-Ring

Sew tab eliminates cutting and sewing webbing.

Sizes: $\frac{3}{4}$ " , 1" , $1\frac{1}{2}$ "



O-Ring

Used in multiple applications of strap lengths and added hooks.

Sizes: $\frac{9}{16}$ " , ($\frac{3}{4}$ " , 1" Imported)



CH-25 Hook

Lock in cord length that accomodates numerous cord diameters.

Sizes: up to $\frac{1}{4}$ " diameter



RSH Rotary Snap Hook

Hook rotates 360 degrees with tension metal snap clip.

Sizes: 1" , $1\frac{1}{2}$ " , 2"



Swivel Snap Hook svs

Multiple uses for hand-bags, pet leashes and other products.

Sizes: $\frac{3}{4}$ " , 1" , $1\frac{1}{2}$ " , 2"



Sewable Hook

No need for excess webbing. Easy sews hook on garments or bags.

Size: $\frac{1}{2}$ "



Talon Hook

Allows a 'hook-on' addition to a utility belt or backpack.

Size: 1"



WSB Hook & SL Swivel

Permits the high-tech hook to swivel where flexibility and pivoting are essential.

Sizes: $\frac{3}{4}$ " , 1" , $1\frac{1}{2}$ " , 2"



Snap Hook #303

Perfect solution for leashes and straps where tangling can be an issue.

Sizes: 1" , $1\frac{1}{2}$ " ,

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Hook #705
Nylon
Size: 1/8"



**Glove Hook w/
1/2" D-Ring**
Perfect solution for
keeping gloves secured.
Sold Separately



Hook w/ Tongue #796
Nylon



Hook w/o Tongue #796
Nylon



798 Hook
Accepts rope or cord.
Great for outdoor
applications where
a metal hook might
scratch or scar.
Sizes: up to 7/16"



CORD & ZIPPER ATTACHMENTS



Cord End Attachment

Nylon
Fits $\frac{3}{16}$ " Cord

Cord End Attachment w/ cord - Round

(CEA)
Perfect ending for zippers or tent enclosures.

Fits $\frac{3}{16}$ " Cord

Cord End Cap CEC

Finished ends of cord or drawcord are hidden with a simple knot.

Cord End Pull CEP

Slide on bell shaped to conceal cord ends.



CL Cord Lock

Hidden plastic spring tested to -60 degrees. Excellent holding power for cord up to $\frac{1}{4}$ " diameter.

Sizes: Hole diameter up to $\frac{1}{4}$ "

Cord Lock CLOD-2

Ideal where two cord ends are required.

Fits $\frac{3}{16}$ " Cord

Cord Lock CL-P

Preset cord lock for backpacks, jackets.

Cord Lock CLR4

Available in matte or gloss.

Fits cord $\frac{3}{16}$ " Cord



Cord Lock Side Teathers CL-ST

Allows cord to be added to the sides.

Cord Lock CL-TP

Preset cord lock that is teatherable.

$\frac{3}{16}$ " Cord

2 PC ZP Zipper Pull

Two piece Zipper Pull. Ideal to replace broken zippers or on new products.

Maximum cord size $\frac{1}{8}$ "

ZP w/ 2" PES Cord Pull ZP

Pre-assembled zipper pull with finger grooves for easy pull.

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Nylon Zipper Pull ■
 w/Cord
 Easy attachment to
 zippers for ease of use
 with gloved hands.



Zipper Pull zp ■
 Teatherable and
 pre-set.



SD Strap Divider ■
 Ensures perfect
 alignment of shoulder
 or crossing straps.
 Sizes: 1 1/4", 1 1/2"



TB Toggle Button ■
 Elegant solution than
 can replace hook &
 loop, snaps or hand
 tied knots. Great for
 tents.
 Hole diameters 1/4"



FL Footman Loop (139) ■
 Can be screwed to any
 flat survice to provide
 an attachment point
 for webbing or cord.
 Size: 1 1/2"



Watchband Buckle ■
 Low profile secure
 connection for watch
 bands or bracelets.
 Size: 1/2"



WB Watch Band ■
 Push button watch
 band buckle.
 Accomodates simple
 loop or adjustable
 ends.
 Sizes: 1/2", 3/4", 1"



WL Wheel Lock ■
 Two piece cord locking
 device with a self-
 cinch locking wheel.
 Sizes: 1/16", 1/8"



Footman Loop (#139) ■
 Can be secured with
 screws to any surface
 when an attachment
 point is needed.
 Size: 5/16"



SBP Slide Bar ■
 Perfect buckle for
 pet collars
 Sizes: 5/8", 3/4", 1"



T-Bar Clasp ■
 Simple design with
 adjustable web locking
 device on one side and
 gripping grooves on
 locking bar.
 Size: 1 1/2"



Shoulder Pad (SP) ■
 Elastomer
 Sizes: 1", 1 1/2", 2"



Certified to
ISO 9001:2015



MILITARY - US ARMY APPROVED



DRAWING #	ACW PATTERN #	ITEM DESCRIPTION
2-3-0101	1" SIDE RELEASE FASTENER	MSR 1" MALE/MSR 1" FEMALE
2-6-239	1" FASTENER 3 OR 4 HOLE	MPC 1 FEMALE
2-6-1005	1" REPLACEMENT SIDE RELEASE BUCKLE	1" MSR F/S FEMALE W/SLOT & MSR 1" MALE
2-6-1014	BARREL LOCK W/KEEPER	MCL
2-6-101	1" BUCKLE, DOUBLE BAR	DB 1B
2-6-1015	LADDERLOCK SPLIT BAR	DB 1" BS W/SLOT
2-6-1011	ADJUSTABLE BUCKLE, 3 BAR, CORD HOLE	MDB 1" W/ HOLE
2-6-1012	1" ADJUSTABLE BUCKLE, 4 BAR	DBL 1B
2-3-567	1" D-RING	MDR 1.5"
2-6-102	1" SLIDE	SB 1"
2-6-1265	1-1/2" SIDE RELEASE BUCKLES, SLEEP SYSTEM CARRIER	MSR 1.5 MALE, MSR 1.5" FEMALE
2-6-1004	1.5" REPLACEMENT SIDE RELEASE BUCKLE	MSR 1.5 F/S FEMALE W/SLOT, MSR 1.5" MALE
2-6-1006	1-1/2" SIDE RELEASE BUCKLE	MSR 1.5" MALE & 1.5" FEMALE DA
2-6-1013	1-1/2" LADDERLOCK	VPR 1.5"
2-6-1016	1-1/2" SLIDE	SB 1.5"
2-6-1009	2" CENTER RELEASE BUCKLES	N/A
2-6-1010	1" SHOULDER STRAP QUICK RELEASE BUCKLE	N/A
2-6-1017	1" BUCKLE, STERNUM TRI-GLIDE	SS 1.0
2-6-1261	STERNUM STRAP ADJUSTER BUCKLE	SS .75-1.0 (Coming soon)
2-6-1020	1 - 3/4" STERNUM ADJUSTER SLIDE	SS .75-1.0
2-6-1008	3/4" SIDE RELEASE BUCKLE	MSR 3/4" MALE & 3/4" FEMALE
2-4-0102	MOLDED LOCKING CARBINEER	N/A
2-6-1019	1" DUAL ADJUST SIDE RELEASE BUCKLE	MSR 1" MALE & 1" DA FEMALE
2-6-1007	2" MSR CURVED SIDE RELEASE	MSR 2" MALE & 2" DA FEMALE
2-6-1260	1" FEMALE SIDE RELEASE	MSR 1" FEMALE
2-6-0798	1" QUICK ATTACH, BUCKLE	MSR 1" MALE & 1" FEMALE F/A FIELD ATTACH
2-6-0799	1" ANTI-SLIP SIDE RELEASE BUCKLE	N/A
2-3-0632	1" SINGLE BAR SIDE RELEASE FASTENER	MSR 1" MALE M/L LOOP & MSR 1" FEMALE
5-10-47	1" FASTENER	BSR-1A

KEY TERMS

M = Male
F = Female

S = Slot
L = Loop

FA = Field Attach
DA = Double Adjust

H = with Hole

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■ NFPA 1951	Standard on Protective Ensembles for Technical Rescue Incidents	2020 Edition
■ NFPA 1971	Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting	2018 Edition
■ NFPA 1975	Standard on Emergency Services Work Apparel	2019 Edition
■ NFPA 1977	Standard on Protective Clothing and Equipment for Wildland Fire Fighting	2016 Edition
■ NFPA 1999	Standard on Protective Clothing and Ensembles for Emergency Medical Operations	2018 Edition
■ NFPA 2112	Standard on Flame Resistant Clothing for Protection of Industrial Personnel Against Short Duration Thermal Exposures from Fire	2018 Edition
■ CAN/CGSB 155.22	Standard on Fireline Workwear for Forest Firefighters	2014 Edition
■ CAN/CGSB 155.20	Standard on Workwear for Protection Against Hydrocarbon Flash Fire and Optionally Steam and Hot Fluids	2017 Edition
■ ASTM F 1506	Standard Performance Specification for Flame Resistant and Electric Arc Rated Protective Clothing Worn by Workers Exposed to Flames and Electric Arcs	2018 Edition

FLOATATION - UL 1191



ACW PATTERN # UL PRODUCT CODES

BSR-Type V-1A	2, 2F, 3, 3F, 5H, 5R, 5WV
BSR-1A	2, 3, 5R
DB-1B	2, 3, 5R
DB-3/4B	2, 3, 5R
DB-Type V-1A	2, 3, 5R, 5WV
HDB-1	1, 1F, 2, 2F, 3, 3F, 5, 5H, 5WV
VPR 1.5 Ladderloc	2, 2F, 3, 3F, 4H, 5WV, 5H, 5R
CSR-3/4	2C, 3C
CSR-Type V	2, 2F, 3, 3F, 5H, 5R, 5WV
CSR-1 1/2	2, 2F, 3, 3F, 5H, 5R, 5WV
LT-4	2, 3, 5R
HDB-2	1, 1F, 2, 2F, 3, 3F, 5, 5H, 5WV
T-1 Bullet	1, 1F, 2, 2C, 2F, 3, 3C, 3F, 4H, 5, 5WV, 5H, 5R, 6



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