

# BASHLIN INDUSTRIES GROVE CITY, PENNSYLVANIA

**UP / DOWN / ALL-AROUND QUALITY** 

#### IMPORTANT CUSTOMER INFORMATION

Bashlin has supplied quality equipment to Linemen since 1926. You may be able to find products for less, but you will not buy any other Lineman's Equipment that works or wears better than Bashlin's right priced quality products produced in our manufacturing facilities in Grove City, Pennsylvania.

Linework is dangerous. Properly using these products and appropriate training are keys to your safety. To aid in product understanding, as well as proper use of these items, the following information boxes and product application symbols are located with the product write-ups. Please read and understand this information, as well as the material included with and attached to product BEFORE using these items. If there are questions, please contact us via the various methods listed at the bottom of the page.









**FALL ARREST** More than 2', but not more than 6' free fall. (Full body harness)



**POSITIONING** Maximum 2' free fall. (Positioning belts, Line belts)



RETRIEVAL For rescue from enclosed confined spaces. (Full body harness)



**NOT A SAFETY BELT** Not to be considered personal protective equipment.

#### **MANUFACTURER'S WARRANTY**

The Manufacturer warrants equipment manufactured by it to be free from defects in material and workmanship under normal use and service, its obligation under this warranty being limited to replacing at its factory any part or parts which shall, within 30 days after delivery of such equipment to the original purchaser, be returned to it and which its examination shall disclose to its satisfaction to have been thus defective; this warranty being expressly in lieu of all other warranties, expressed or implied, and all other obligations or liabilities on its part.

THE INFORMATION IN THIS CATALOG IS TO THE **BEST OF OUR KNOWLEDGE CORRECT AT THE TIME** OF PRINTING. WE RESERVE THE RIGHT TO MAKE **IMPROVEMENTS AND CHANGES AS NECESSARY** TO OUR PRODUCTS WITHOUT NOTICE.

**WARRANTED AND ALL OTHER REPAIR WORK MUST BE DONE BY BASHLIN FACTORY** PERSONNEL USING BASHLIN COMPONENTS.

#### **TERMS AND CONDITIONS**

**Pricing** - Prices are subject to change without notice. The cost of Bashlin products is as low as is consistent with quality merchandise. We encourage comparison.

**Payment** - Open account terms are available once credit has been established. Bashlin accepts all major credit cards and cash advance orders. On cash advance orders, overpayment of less than \$2.00 cannot be refunded.

**Shipping** - All freight terms are F.O.B. shipping point unless otherwise stated.

**Contested Shipments** - Any shipping or handling claims must be reported within 14 days of shipment. Claims not reported in this time period will not be allowed.

**Returned Goods** - Returns must be authorized prior to shipment to our warehouse. There is a handling charge on all returned goods.



119 West Pine Street, P.O. Box 867 Grove City, PA 16127 Phone: 724.458.8340 Fax: 724.458.8342 bashlin@bashlin.com









# BASHLIN'S FALL PROTECTION AND CLIMBING EQUIPMENT REGULATIONS AND REQUIREMENTS

The equipment used by linemen, cablemen, arborists, and tower workers is manufactured in accordance with consensus standards as well as regulations developed by federal or state authorities. These regulations are important for you because they provide guidelines not only for the users, but also the manufacturers and your employer.

Consensus standards are voluntarily developed. They are approved by the users and manufacturers of the products. The standards are administered by such bodies as the American National Standards Institute, (ANSI) and the American Society of Testing and Materials (ASTM). Following are some consensus standards that apply to these products:

#### **ANSI STANDARDS**

ANSI/ASSP Z359.1 The fall protection code

Ü

ANSI Z1331.1 Safety requirements for

arboricultural operations.

ANSI A10.32 Standard for fall protection

system used in construction 🗓

and demolition.

#### **ASTM STANDARD**

F887 Standard specifications for personal

climbing equipment and harnesses.

# OSHA STANDARDS FOR GENERAL INDUSTRY

Government groups also write laws that they refer to as standards regarding such things as the use of these products. Many times, sections are based on the consensus standards. The difference is that they are mandatory.

Following are some standards that may apply to the users of these products.

1910.269 Electric power, generation,

transmission and distribution.

1910.268 Telecommunications.

(H)

1910.67 Vehicle mounted elevating and

rotating platforms.

1910.140 Personal fall protection systems.

# OSHA STANDARDS FOR CONSTRUCTION

1926 Subpart M Fall protection.

1926.500 to 1926.503

1926.954 Personal protective equipment.

For more information, contact your corporate safety professional, supervisor, local OSHA office or insurance carrier.

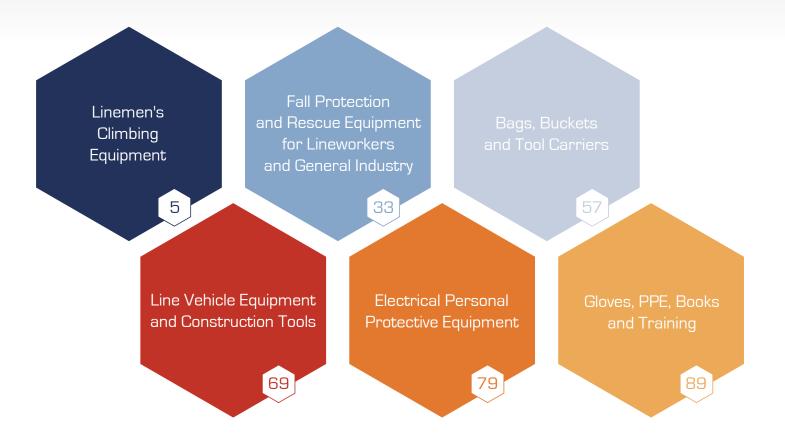
To the best of our knowledge, Bashlin equipment meets or exceeds all applicable standards or laws at the time of manufacture.

Bashlin Industries Inc. utilizes Underwriters Laboratories for independent 3rd party certification on many products. Look for the symbol. Certificates of compliance available on request and on our website.





WARNING: Important information is included with each product. It must be read and understood prior to use. If none is included with your product, or if there are any questions, contact us immediately. Failure to understand the information, or be properly trained prior to using the product may cause accidents, injury, or death.





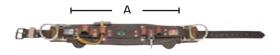
lineworker. These products are designed for comfort and durability. We offer a complete assortment of climbing products for workers ranging from

Climbing is serious business. We recommend that you properly care for this equipment; your personal safety depends on it. Learn how to properly use, inspect and maintain your tools. Guidelines appear in this catalog; more detailed information is included with Bashlin products. Remember, when in doubt, DON'T.

apprentice to journeyman.

#### **SIZING TOOL BELTS**

Bashlin belts are sized using the measurement between the 2 D-Rings on the main portion of the belt (A).



2 D-Ring and 4 D-Ring belts are sized identically.

Measure for summer clothing. If the belt is the correct size, there will be ample adjustment for the relatively limited time it will be used in the colder weather.

If a belt is sized correctly, the hip D-Rings will point straight ahead, and the tongue adjustment will be in the center hole (B).



CORRECTLY SIZED TOOL BELT

#### USE BASHLIN'S LINEMAN'S SIZING BELT (LSB) (E)

Estimate the correct size of your belt and adjust the LSB to the size you believe your belt should be.



Place the LSB on your hips at the location where your tool belt is worn (F).

By trial and error, change the length of the LSB until the belt is the correct length, and note the adjusted size of the belt [G].



## TO FIND YOUR D-RING SIZE USING A TAPE MEASURE

- 1. Locate the point where the heel of the hip D-Ring should rest (C).
- 2. Begin to measure from this point. Measure with a seamstress tape around the buttocks to the same point on the opposite side (D).



USING A TAPE MEASURE

# BELT ADJUSTMENT IN INCHES PER ASTM F887

D Size - In.	Minimum	Center Hole	Maximum	<b>Tool Loops</b>
D18	32	36	40	3
D19	33	37	41	3
D20	34	38	42	3
D21	36	40	44	4
D22	37	41	45	4
D23	38	42	46	4
D24	40	44	48	4
D25	41	45	49	4
D26	42	46	50	4
D27	44	48	52	4
D28	45	49	53	4

HIP-GRIP SIZING CHART					
Upper Ton	gue Adj.	gue Adj.	Upper Ton	gue Adj.	
D18 D19 or 20 D21 or 22	33"-39" 35"-41" 37"-43"	D23 or 24 D25 or 26	39"-45" 41"-47"	D27 or 28 D29 or 30	43"-49" 45"-51"

REST-A-BACK SIZING CHART					
Upper To	ngue Adj.	Upper Tongue Adj.		Upper Tongue Adj.	
D18 D19 D20 D21 D22	29"-36" 30"-37" 31"-38" 32"-39" 33"-40"	D23 D24 D25 D26	34"-41" 35"-42" 36"-43" 37"-44"	D27 D28 D29 D30	38"-45" 39"-46" 40"-47" 41"-48"

#### **FEATURES OF BASHLIN BELTS**

#### S-SHAPED D-RINGS:

This is Bashlin's original design. The toe lies away from the belt for easier snap engagement, while the curve reduces pressure on the hip for comfort.

#### **ALL LEATHER CUSHION SECTION:**

The glove soft, rolled edge cushion provides for a belt which is cooler in the summer, yet flexible in cold weather.

#### **TOP QUALITY MATERIAL:**

We utilize the highest quality hardware, nylons, and leathers available.

#### **BASHLIN CRAFTSMANSHIP:**

Years of quality manufacturing are built into each product for a subtle, yet meaningful difference. We encourage side by side comparison.

#### **BASHLIN TOOL BELT STYLES**

#### 4 D-RING TOOL BELTS:



STACKED 4 D-RING



**HIP-GRIP/REST-A-BACK 4 D-RING** 



884D **IN-LINE 4 D-RING** 



STACKED FIXED 4 D-RING

#### 2 D-RING TOOL BELTS:



**STANDARD - FIXED 2 D-RING** 



SEMI-FLOATING - SHIFTING 2 D-RING

#### STANDARD EQUIPMENT ON **BASHLIN BELTS INCLUDES:**

4 D-Rings for gut strap attachment (exception - Hip-Grip and Rest-A-Back belts), tape sling, knife snap, glove bag ring and 2 hammer loops and 4 tool loops.

**NOTE:** D18, D19, and D20 tool belts have 3 tool loops due to the shorter belt section.

Bashlin 4 D-Ring Body Belts are patented under PAT 9.737.737 and 10.099.073

#### MADE TO ORDER BELTS

All "Made to Order" belts are manufactured outside of standard production. Once the order is placed, it cannot be cancelled. Please allow additional shipping time for all made to order belts.

#### 🕕 STOCK AND SPECIAL BELTS

Bashlin offers right handed belts, in sizes D18 to D28 of the most popular belts. Belt sizes may vary on different style belts. Larger belts, up to D32, may be ordered. There is an additional cost for sizes D29 to D32.

Belts and holsters with left hand design are available at no additional cost. Add "LH" to the part number.

## **4 D-RING TOOL BELTS**



## ZRIDER



- Like working in a "Rocking Chair".
- · Saddle design relieves hip and leg pressure.
- · Worn slightly higher than a standard tool belt.
- . Semi-Float with shifting upper D-Rings fixed lower D-Rings.

No. 88UX4DMP No. 88UX4DCC

Nvlon mesh cushion

Wt. 6.5 lb.

Leather comfort cushion Wt. 7.0 lb.



## ZRIDERLITE \*





- Our lightest 4 D-Ring belt.
- · Nylon or leather cushion.
- Fixed 4 D-Ring.

No. 1515PX4D No. 1515PX4DCC No. 1515PX

Nylon cushion Wt. 4.6 lb. Wt. 4.8 lb. leather comfort cushion Nylon cushion with two

steel upper D-Rings and

WARNING: Never carry wire, tools, or anything

other than the "positioning" strap in the D-Rings of a tool belt. Foreign objects carried in the

D-Rings may cause the snap to malfunction

and accidental disengagement to occur.

nylon loop lower Wt. 4.5 lb.



- 7" wide for support.
- · Made in nylon mesh or soft leather cushion.
- 3 different design choices for different needs.
- · Semi-Float with shifting lower D-Rings and fixed upper D-Rings.



#### **LABRADOR "AMIGO"**



- · Easy donning quick release buckle upper.
- Tongue and buckle lower.
- · Easy to adjust nylon webbing.

No. Q88GX4DMP Nylon mesh cushion No. Q88GX4DCC Leather comfort cushion Wt. 5.5 lb. Wt. 6.0 lb.



#### LABRADOR "YUKON"



- · Dependable double tongue design.
- · Leather faced nylon billet.

No. 88GX4DMP Nylon mesh cushion Wt. 6.0 lb. No. 88GX4DCC Leather comfort cushion Wt. 6.5 lb.



#### LABRADOR "LIBERTY"



- The freedom of a single tongue.
- Durable 7" back.

No. 88MX4DMP No. 88MX4DCC

Nylon mesh cushion Leather comfort cushion Wt. 5.0 lb. Wt. 5.5 lb.

### **4 D-RING TOOL BELTS**



#### **BMX SERIES**



- Modeled after Bashlin's Rest-A-Back and Hip Grip, this proven design offers excellent support.
- Double tongue and buckle design.
- Semi-Float with shifting lower D-Rings and fixed upper D-Rings.

No. 88BMX4DMPNylon mesh cushionWt. 7.0 lb.No. 88BMX4DCLeather comfort cushionWt. 7.0 lb.No. 88BMX4DDurable leather backWt. 7.0 lb.



#### **BMX QR SERIES**



- Modeled after Bashlin's Rest-A-Back and Hip Grip, this proven design offers excellent support.
- Quick release buckles upper tongue.
- Semi-Float with shifting lower D-Rings and fixed upper D-Rings.

No. Q88BMX4DMPNylon mesh cushionWt. 7.0 lb.No. Q88BMX4DCCLeather comfort cushionWt. 7.0 lb.No. Q88BMX4DDurable leather backWt. 7.0 lb.



**WARNING:** All Bashlin's tool belts are to be worn snug as possible with the large D-Rings and billet on or above the hips. Wearing the belts improperly may cause accidents or death.



#### **FLORIDIAN 4D IN-LINE**



- 4 D-Ring version to our traditional 88 Floridian belt.
- · Semi-Float design and four shifting D-Rings.
- · Leather Comfort Cushion.

**No. 884D** Floridian 4D - brown Wt. 6.5 lb. **No. 88X4D** Floridian 4D - black Wt. 6.5 lb.



#### **REST-A-BACK 4D**



 Semi-Float with shifting lower D-Rings with fixed upper D-Rings.

No. 88BSX4DCC Leather comfort cushion Wt. 9.0 lb. \*See page 6 for sizing.



#### **HIP GRIP 4D**



- Pliable and removable 1 3/4" upper tongue.
- · Contour back for additional comfort.
- · Semi-Float with shifting in-line D-Rings.

No. 88BIX4DCC

Hip Grip 4D

Leather comfort cushion Wt.. 9.0 lb.

\*See page 6 for sizing.

#### **2 D-RING TOOL BELTS**



#### **FLORIDIAN**





- The industry standard for over 50 years.
- The original laced belt.
- · Flared cushion for easier climbing.
- . Semi-Floating with shifting D-Rings.

Leather comfort cushion No. 88 No. 88X

comfort cushion

Black - leather

Wt: 6.5 lb.

Wt: 6.5 lb.



#### **NYLON DELUXE**





- Semi-Floating with shifting D-Rings.
- · Light and durable nylon back.
- · Comfortable leather cushion.
- Tongue and buckle is 6 ply nylon.
- · Leather tool loops.

No. 160N

Leather comfort cushion

Wt: 6.0 lb.



WARNING: Never carry wire, tools, or anything other than the "positioning" strap in the D-Rings of a tool belt. Foreign objects carried in the D-Rings may cause the snap to malfunction and accidental disengagement to occur.



#### WRANGLER





- · Fixed D-Rings and shifting billet.
- · Neoprene nylon back and tongue.
- · Lightweight.

No. 1511N

Tool belt

Wt: 5.25 lb.



#### 656 SERIES





- · Fixed D-Ring style.
- · Lightweight and versatile.
- · Moisture wicking mesh pad.

No. 656PX **Black** Wt: 4.0 lb. No. 656CM **Brown** Wt: 4.0 lb.



# AUXILIARY POSITIONING AND SUPPORT BELTS





- 木
- Easily convert your comfortable 2 D-Ring belt to a 4 D-Ring design.
- Quick release attachment straps.
- Fixed D-Rings for easy secondary lanyard connections.
- FR Arc resistant nylon fabric.

No. Q83H2D Labrador "Tucson";

quick release belt Wt. 3.0 lb.

No. 83H2D Labrador "Sierra";

billet style belt Wt. 3.2 lb.



#### LABRADOR "LOBO"

No. 83BDH



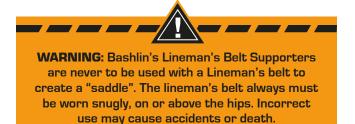
Wt. 3.4 lb.

- · Orthopedically correct Back-A-Line support belt.
- Fixed D-Rings for easy secondary lanyard connections.

Tixou D Tilligo for oddy oddoridary farfydi'd ddillioddollo

Back-A-Line belt

SIZING: Add 4"-6" to the waist measurement Small 32"-40" Medium 36"-44" Large 40"-48" X-Large 42"-50"







#### **NYLON WEB SUSPENDERS**



- · Nylon web suspenders.
- · Fully adjustable design (one size fits most).
- Tool belt not included\*.

No. 80HDS Nylon web suspenders Wt. 2.75 lb.



#### **BELT SUPPORTER STRAP**



- Distributes weight of belt and tools.
- · Made from top quality russet leather.
- · Four adjustable drop straps.

No. 81 Supporter strap Wt. 1.5 lb.
No. 81-1 Leather drop strap only Wt. 0.25 lb.



#### **SAM BROWN SUSPENDERS**



Leather suspenders.

 No. 80
 Brown
 Wt. 1.25 lb.

 No. 80X
 Black
 Wt. 1.25 lb.

#### **BOLT AND NUT BAGS**

#### 25A

8 1/2" x 9" x 4" bolt and nut bag with a reinforced top to stay open.

- · No corners to lose hardware.
- Features an inside pocket.
- Secures to a belt with two straps joined by snaps and D-Rings.
- Available in traditional canvas, black ballistic nylon, orange nylon, and camo nylon.



No. 25A

Canvas bag with straps

Wt: 0.7 lb.

No. 25ABX



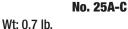
Black ballistic nylon bag with straps

Wt: 0.7 lb.



No. 25A-0

Orange nylon bag with straps





Camo nylon bag with straps



Wt: 0.7 lb.

#### **25AM2 WITH MAGNET**

Similar to the popular 25A with the addition of 3 inner tool loops, inside pocket and a strong magnet to hold onto hardware such as nuts and cotter keys.

Wt: 1.0 lb.

Wt: 1.0 lb.



No. 25AM2

Canvas bag with magnet



No. 25AM2BX



Black ballistic nylon bag with magnet

Wt: 1.0 lb.



No. 25AM2-0

Orange nylon bag with magnet



No. 25AM2-C





Wt: 1.0 lb.

#### **BOLT AND NUT BAGS**



#### **26DRM**

· All leather pouch with tool holders inside.

No. 26DRM

9" x 9" x 2 1/2"

Wt: 0.5 lb.



#### **25BS**

· Canvas with snap or thong attachment.

**No. 25BS** 

8" x 9" x 2 1/2"

Wt: 0.5 lb.



#### 25PLS

- An all leather bag with reinforced top.
- · Snap or leather thong attachment.

No. 25PLS

8" x 9" x 3"

Wt: 0.9 lb.



#### 25KLBS

· Durable leather with snap or thong attachment.

No. 25KLBS

Wt: 0.8 lb.



#### **25PS**

· Wide opening canvas bag with leather bottom and snap attachment.

No. 25PS

8" x 8" x 2 1/2"

Wt: 0.6 lb.



26L



26LX

#### **26L**

- · Very heavy, durable leather.
- · Features a double top to stay open.
- Leather thong attachment.

No. 26L **No. 26LX**  9" x 9" x 2 1/2"

9" x 9" x 2 1/2"

Wt: 0.7 lb. Wt: 0.7 lb.



#### 25**R**

- · Cotton duck bag with 1" straps and leather ties.
- · Reinforced top to keep open.

No. 25R

8" x 8 1/2" x 4"

Wt: 0.5 lb.



· A soft leather bag with snap closure and leather thongs.

No. 26G

8 1/2" x 9"

Wt: 0.5 lb.

#### **LINEMEN'S HOLSTERS**

Bashlin manufactures only premium holsters for tool belts. They feature double harness leather backs reinforced for extra wear. All holsters come with the hardware necessary for proper attachment.





111HS

111HSX

Wt: 1.0 lb.

#### **3 POCKET HOLSTER**

No. 111HSX

No. 111HS For pliers, rule, screwdriver,

and knife or wrench

For pliers, rule, screwdriver,

and knife or wrench - black Wt: 1.0 lb.





111HLS

111HLSX

#### **4 POCKET HOLSTER**

**No. 111HLS** For pliers, rule, screwdriver, Channellock®, and knife or wrench Wt: 1.25 lb.

No. 111HLSX For pliers, rule, screwdriver, Channellock®,

and knife or wrench - black Wt: 1.25 lb.





111HLDS

111HLDSX

#### **5 POCKET HOLSTER**

No. 111HLDS For pliers, rule, screwdriver, Channellock®, ratchet driver,

Wt: 1.5 lb. and knife or wrench

No. 111HLDSX For pliers, rule, screwdriver, Channellock®, ratchet driver,

and knife or wrench - black Wt: 1.5 lb.





111HE

111HEX

#### **3 POCKET HOLSTER AND** KNIFE SHEATH

No. 111HE For pliers, rule,

screwdriver, and knife

Wt: 1.25 lb.

**No. 111HEX** For pliers, rule, screwdriver,

and knife - black Wt: 1.25 lb.





111HLE

111HLEX

#### **4 POCKET HOLSTER AND KNIFE SHEATH**

No. 111HLE For pliers, screwdriver, Channellock®,

> Wt: 1.5 lb. rule, and knife

No. 111HLEX For pliers, screwdriver, Channellock®,

> rule and knife - black Wt: 1.5 lb.





111HLDSE

111HLDSXE

#### **5 POCKET HOLSTER AND** KNIFE SHEATH

No. 111HLDSE For pliers, rule, screwdriver,

Channellock®, ratchet driver,

Wt: 1.75 lb. and knife or wrench

No. 111HLDSXE For pliers, rule, screwdriver, Channellock®, ratchet driver,

> and knife or wrench - black Wt: 1.75 lb.

#### **LINEMEN'S HOLSTERS**





111SK

111SKX

#### **SKINNING KNIFE HOLSTER**

No. 111SK Skinning knife holster Wt: 0.75 lb.

No. 111SKX Skinning knife holster - black Wt: 0.75 lb.



#### **BASHLIN HOLSTER PACK**

 Contains two rivet type screws, one small D-Ring, and piece of leather (black or brown) to attach tool holster to belt.

**4HP** Brown Wt: 0.1 lb. **4HPX** Black Wt: 0.1 lb.





111BWH

**111BWHX** 

#### **BELL WRENCH HOLDER**

No. 111BWH For bell wrenches Wt: 0.6 lb.
No. 111BWHX For bell wrenches - black Wt: 0.6 lb.



4STR

#### 4 SCREW TYPE RIVETS TO SECURE HOLSTER TO BELT

**4STR** Screw type rivets Wt: 0.05 lb.





111LWH

111LWHX

#### **LOWELL WRENCH HOLDER**

No. 111LWH For the Lowell wrench Wt: 0.6 lb.
No. 111LWHX For the Lowell wrench - black Wt: 0.6 lb.



Left handed holsters are available at no extra cost. (Add an "-LH" to the part number when ordering.)

## **GROUNDMAN HOLSTER ACCESSORIES - CARE**





112HLS

112HLSX

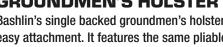
#### **GROUNDMEN'S HOLSTER**

Bashlin's single backed groundmen's holster is slotted for easy attachment. It features the same pliable pockets used on our linemen's holsters. Do not use these holsters on linemen's tool belts.

knife, Channellock® or wrench Wt: 1.0 lb.

No. 112HLSX For pliers, rule, screwdriver, knife,

Channellock® or wrench - black Wt: 1.0 lb.



No. 112HLS For pliers, rule, screwdriver,

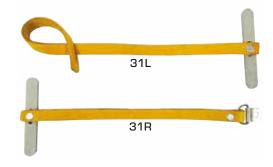




#### **HANDLINE CARRIER**

The nylon handline carrier fits over the tongue-buckle section of the belt. It is designed to straighten and drop the rope if the handline becomes snagged. The 33L locks on the belt.

No. 33	Handline carrier	Wt: 0.1 lb.
No. 33L	Handline carrier with lock	Wt: 0.1 lb.



#### **TAPE SLINGS**

These swivel bar tape slings will fit any size tape roll. For black - add "X" to part number.

No. 31L	Loop type	Wt: 0.1 lb.
No. 31R	Rivet type	Wt: 0.1 lb.



#### LOOP-N-SNAP

These convenient extra snaps will fit 2" belts.

For black - add "X" to part number.

No. 32A	Small snap for knives	Wt: 0.2 lb.
No. 32AR	Small snap with	
	screw rivets	Wt: 0.2 lb.
No. 32B	Large snap for wrenches	Wt: 0.3 lb.
No. 32BR	Large snap with	
	screw rivets	Wt: 0.3 lb.



#### **LEATHER MAINTENANCE PRODUCTS**

Long life for your leather products begins with proper care. Use Saddle Soap to clean the dirt out of the leather, then coat the leather to protect them with "Neatsfoot" or Mink Oil.

No. 804	Saddle Soap	Wt: .75 lb.
No. 806-8	Neatsfoot Oil (8 oz.)	Wt: .50 lb.
No. 806-16	Neatsfoot Oil (16 oz.)	Wt: 1.0 lb.
No. 806-32	Neatsfoot Oil (32 oz.)	Wt: 2.0 lb.
No. 809	Mink Oil	Wt: .30 lb.



# ALUMINUM CLIMBERS

# RETOOLED

- NEW, INNOVATIVE PROFILE
   FOR ENHANCED DURABILITY
- SAME TRIED AND TRUE CLIMBING FEEL
- SAME PROVEN AND EFFECTIVE REPLACEABLE GAFF,
   GAFF ANGLE AND POSITION



Natural Aluminum BD14B



Black Anodized BD14BX



OD Green Anodized BD14BOD

Forged and Manufactured in USA from 2014-T6 Aluminum Alloy

Offered in 3 High Quality Finishes

#### **POLE CLIMBERS**

#### **BD14B ALUMINUM**

- · Lightweight aluminum climber.
- · Features replaceable gaffs.
- · Weighs the same as comparable titanium climbers.
- · Offset design gives great climbing qualities.

No. BD14B-1N	Aluminum alloy with	
	bottom straps	Wt: 3.5 lb.
No. BD14B-2N	Bottom straps and top straps	Wt: 4.75 lb.
No. BD14B-3N	Bottom straps, top straps	
	and #110D pads	Wt: 5.25 lb.



No. BD14B-4N

No. BD14B-5N

No. BD14BP-1N No. BD14BA-1N





Bottom straps, top straps	
and #130D pads	Wt: 5.50 lb.
Bottom straps, top straps	
and #140DS pads	Wt: 5.75 lb.
For CCA poles - polished gaffs	Wt: 3.5 lb.
Longer top slide (18"-21")	Wt: 3.5 lb.

#### **BD16B STEEL**

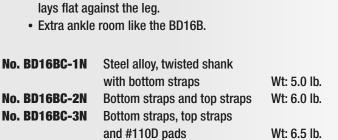
- · Durable steel alloy climber.
- · Features replaceable gaffs.
- Extra ankle room for linemen who have trouble with rubbing in that area.
- · Offset design gives great climbing qualities.



No. BD16B-1N	Steel alloy, straight shanks with bottom straps	Wt: 5.0 lb.	No. BD16B-5N	Bottom straps, top straps and #140DS pads	Wt: 7.0 lb.
No. BD16B-2N	Bottom straps and top straps	Wt: 6.0 lb.	No. BD16BP-1N	For CCA poles - polished gaffs	Wt: 5.0 lb.
No. BD16B-3N	Bottom straps and #110D pads	Wt: 6.5 lb.	No. BD16BA-1N	Longer top slide (18"-21")	Wt: 5.0 lb.
No. BD16B-4N	Bottom straps, top straps				
	and #130D pads	Wt: 6.75 lb.			

#### **BD16BC TWISTED SHANK STEEL**

- · Our most popular steel alloy climber.
- · Features replaceable gaffs.
- Has a 3° twisted shank so the climber lays flat against the leg.





No. BD16BC-4N	Bottom straps, top straps			
	and #130D pads	Wt: 7.0 lb.		
No. BD16BC-5N	Bottom straps, top straps			
	and #140DS pads	Wt: 7.0 lb.		
No. BD16BCP-1N	For CCA poles - polished gaffs	Wt: 5.0 lb.		
No. BD16BCA-1N	Longer top slide (18"-21")	Wt: 5.0 lb.		



Wt: 5.0 lb.

#### **POLE CLIMBERS**

#### **BD12 STEEL**

- · Lightweight, steel alloy climber.
- · Features riveted non-replaceable gaffs.
- · Excellent climbing characteristics.
- Offset design places gaff in proper position for easier penetration.

No. BD12-1N	Steel alloy with bottom straps	Wt: 5.0 lb.	No. BD12-4N	Bottom straps, top straps	
No. BD12-2N	Bottom straps and top straps	Wt: 5.5 lb.		and #130D pads	Wt: 6.25 lb.
No. BD12-3N	Bottom straps, top straps		No. BD12-5N	Bottom straps, top straps	
	and #110D pads	Wt: 6.0 lb.		and #140DS pads	Wt: 6.5 lb.
			No. BD12P-1N	For CCA poles - polished gaffs	Wt: 5.0 lb.

BD12

No. BD12A-1N

BD12C

Longer top slide (18"-21")

#### **BD12C TWISTED SHANK STEEL**

- · This steel alloy climber is an excellent value.
- · Features a riveted non-replaceable gaff.
- Has a 3° twisted shank so the climbers lay flat against the leg.
- Offset design places gaff in proper position for easier penetration.

No. BD12C-1N No. BD12C-2N	Steel alloy, twisted shank with bottom straps Bottom straps and top straps	Wt: 5.0 lb. Wt: 5.5 lb.	No. BD12C-4N No. BD12C-5N	Bottom straps, top straps and #130D pads Bottom straps, top straps	Wt: 6.25 lb.
No. BD12C-3N	Bottom straps, top straps			and #140DS pads	Wt: 6.5 lb.
	and #110D pads	Wt: 6.0 lb.	No. BD12CP-1N	For CCA poles - polished gaffs	Wt: 5.0 lb.
			No. BD12CA-1N	Longer top slide (18"-21")	Wt: 5.0 lb.

#### **BD12L STEEL**

- · Steel alloy climber.
- Features a riveted non-replaceable gaff.
- Has a narrower stirrup, it measures 3 3/4", the standard measurement is 4 3/4".
- Offset design places gaff in proper position for easier penetration.

No. BD12L-1N	Steel alloy, narrow stirrup		No. BD12L-4N	Bottom straps, top straps	
	with bottom straps	Wt: 5.0 lb.		and #130D pads	Wt: 6.25 lb.
No. BD12L-2N	Bottom straps and top straps	Wt: 5.5 lb.	No. BD12L-5N	Bottom straps, top straps	
No. BD12L-3N	Bottom straps, top straps			and #140DS pads	Wt: 6.5 lb.
	and #110D pads	Wt: 6.0 lb.	No. BD12LP-1N	For CCA poles - polished gaffs	Wt: 5.0 lb.
			No. BD12LA-1N	Longer top slide (18"-21")	Wt: 5.0 lb.

BD12L



#### **CLIMBER PADS**



#### SPUR-STAY CLIMBER PADS

Developed by a local lineman over 50 years ago, Bashlin introduced the 105 series "Spur-Stay" climber pads with metal inserts for the lineman looking for comfort and shank control. Some of the original users were mocked for using these pads because comfort was not considered "manly". (This is when a climber pad was a single piece of leather measuring 3" x 3".)

The Spur-Stay design allows the climber to adjust the position of the shank, and eliminates "kick-back". It is available with straps or Hook-N-Loop closures.

145AC





145BCV

#### 145AC/145BC/145FC

This Durable Leather "wide" climber pad has moisture wicking padding, metal insert and a pair of top climber straps. \*\* 1 pair of straps is included with pads \*\*

145BC

#### No. 145AC For BD16B series and BD12 series climbers Wt. 3.3 lb. No. 145BC For BD14 climbers Wt. 3.3 lb. No. 145FC For BD14B climbers Wt. 3.3 lb.



This Hook-N-Loop cinch closure pad has deep padding, moisture wicking mesh, and an angled metal insert.

No. 145ACV	For BD16B series	
	and BD12 series climbers	Wt. 4.1 lb.
No. 145BCV	For BD14 climbers	Wt. 4.1 lb.
No. 145FCV	For RD14R climbers	Wt 41 lh



145BCVW

105BC

#### 145ACVW/145BCVW/145FCVW

This "wide" pad combines the Hook-N-Loop cinch closure pad combined with sturdy leathers, moisture wicking padding, and angled metal inserts to provide added comfort

angled metal inserts to provide added connort.			
No. 145ACVW For BD16B series			
	and BD12 series climbers	Wt. 3.5 lb.	
No. 145BCVW	For BD14 climbers	Wt. 3.5 lb.	
No. 145FCVW	For BD14B climbers	Wt. 3.5 lb.	

#### 105AC/105BC/105FC

This is the original Spur-Stay design. It is lightweight, yet provides comfort and total climber control.

No. 105AC	For BD16B series		
	and BD12 series climbers	Wt. 1.5 lb.	
No. 105BC	For BD14 climbers	Wt. 1.5 lb.	
No. 105FC	For BD14B climbers	Wt. 1.5 lb.	





#### **CLIMBER PADS**



#### 150V - HOOK-N-LOOP PADS

- Constructed from woven nylon with a soft padding sewn inside.
- . Hook-N-Loop closure for extra security.
- Leather tunnel loop to keep the pad in place on the climber.
- Slight angle for an improved gaff position.

No. 150V Hook-N-Loop with "T" design Wt: 4.0 lb.



#### **150T SERIES**

- "T" pad constructed from durable latigo leather.
- · Offers comfort and protection for the shin and calf.
- · Leather lugs are securely riveted for long wear.
- Shank area is available with or without padding.

 No. 150T
 Not padded
 Wt: .8 lb.

 No. 150TS
 Padded
 Wt: .9 lb.





#### 110D SERIES

 Basic 2 ply universal fit leather pad that will protect the calf and shin.

 No. 110D
 Not padded
 Wt: 0.6 lb.

 No. 110DS
 Padded
 Wt: 0.7 lb.





#### 130D

- Bashlin's original "L" pad.
- Constructed from durable latigo leather.
- Light padding for comfort, while still keeping the pad lightweight.
- Allows shank movement for linemen that prefer less restriction.

**No. 130D** Padded Wt: 0.7 lb.



#### 140D SERIES

- Constructed from durable latigo leather.
- Wing design holds the shank securely, and at a slight angle for enhanced control.
- Climber shank fits inside the pad, to add comfort while reducing movement.
- The shank area is available with or without padding.

**No. 140D** Not padded Wt: 0.8 lb. **No. 140DS** Padded Wt: 1.25 lb.

## **CLIMBER PARTS AND ACCESSORIES**





85N - 24"



86N - 28"





87N - 28"

#### **CLIMBER STRAPS**

- Constructed from durable, pliable, and comfortable neoprene nylon (N) or flexible "Bioplastic" coated webbing (NP).
- · Double riveted and feature a protective buckle shield.

	•	
No. 85N	1 1/16"x24"	
	top climber straps	Wt: 0.6 lb.
No. 85NP	1 1/16"x24"	
	top climber straps	Wt: 0.6 lb.
No. 86N	1 1/16"x28"	
	top climber straps	Wt: 0.6 lb.
No. 86NP	1 1/16"x28"	
	top climber straps	Wt: 0.6 lb.
No. 87N	1 1/16"x28" two piece	
	bottom straps	Wt: 0.7 lb.
No. 87NP	1 1/16"x28" two piece	
	bottom straps	Wt: 0.7 lb.
No. 89N	1 1/16"x28" two piece split ring	
	bottom straps	Wt: 0.7 lb.
No. 89NP	1 1/16"x28" two piece split ring	

bottom straps





**14TS** 



14ATS



**16TS** 



16ATS

#### TOP SLIDES (screws are included)

- · Fits all Bashlin climbers.
- The standard adjustment is 15"-18".
- . There are longer top slides available, with an adjustment of 18"-21".
- · Order according to your climbers.

No. 14TS	For BD14, 15"-18"	
	adjustment	Wt: 0.6 lb.
No. 14ATS	For BD14, 18"-21"	
	adjustment	Wt: 0.85 lb.
No. 14TSB	For BD14B, 15"-21"	
	adjustment	Wt: 0.6 lb.
No. 14ATSB	For BD14B, 18"-21"	
	adjustment	Wt: 0.85 lb.
No. 16TS	For BD16B, BD12 series,	
	15"-18" adjustment	Wt: 0.6 lb.
No. 16ATS	For BD16B, BD12 series,	
	18"-21" adjustment	Wt: 0.85 lb.



#### **CLIMBER STRAP SPLIT RING**

No. 3 Split ring for climber straps (package of 2) Wt: 0.15 lb.





4G

#### **SCREWS**

Wt: 0.7 lb.

- · Screws are small and easy to lose.
- · Bashlin offers replacement screws for gaffs and top slides.

No. 4G	Gaff screws	Wt: .05 lb.
No. 4T	Slide adjustor screws	Wt: .05 lb.

# CLIMBER PARTS AND ACCESSORIES



#### **REPLACEMENT GAFFS**

- Fits the BD14, BD14B, BD16B, and BD16BC climbers.
- The standard 14 gaff is 1 5/8" long.
- The 14P gaff is 1 5/8" and had the machine marks removed for easier penetration on hard/CCA poles.
- The 14T gaff is 2 1/2" long to penetrate thick bark.

No. 14 1 5/8" pole gaffs with screws Wt: 0.5 lb.

No. 14P 1 5/8" polished pole gaffs

with screws Wt: 0.5 lb.

**No. 14T** 2 1/2" tree gaffs

with screws Wt: 0.6 lb.

\*Only Bashlin Replacement Gaffs may be used on Bashlin Climbers.



#### **GAFF SHAPING KIT**

- Nice compact design.
- Contains all of the tools needed to properly care for the gaffs on your Bashlin climbers.
- Includes #5 gaff gauge, 6" mill file with wooden handle, sharpening stone, and instructions.
- · For use with Bashlin pole gaffs only.



#### **GAFF GAUGE**

- · For use with Bashlin pole climbers only.
- Used to maintain the correct shape, taper, and profile of your gaffs.
- · Shaping instructions are included.

No. 5 Gaff gauge Wt: 0.2 lb.



#### **GAFF GUARDS**

- · Helps keep the gaff protected.
- Helps to protect the user from scratches and puncture wounds.
- · Sold in pairs.

No. 2	Standard leather guard	
	with Hook-N-Loop	Wt: 0.2 lb.
No. 2SC	Deluxe leather guard with	
	Hook-N-Loop attachment	Wt: 0.25 lb.
No. B1972G	Snap on guard for	
	replaceable gaffs	Wt: 0.2 lb.
No. B1972F	Snap on guard for	
	fixed gaffs	Wt: 0.2 lb.



#### **HEEL COVER**

- Wearing a pair of climbers exposes the lineman's ankle and Achilles tendon to injury.
- Covers this vulnerable area, while not restricting any movement.
- They are light, durable, and easily attach to any standard climber.

No. BHP One size fits most, sold as pair Wt: .5 lb.

#### **FALL RESTRICTING DEVICE**



#### THE PATRIOT™

New and unique design that frees the lineman from the "Tyranny and Restriction" of other fall restraint products.

- Easy, natural movement up and down the pole.
- Light weight over 20% lighter than other devices.
- Easy movement and light weight=less fatigue for the climber.
- Rope rollers allow freedom of movement left and right while working.
- · Easily adapts for left and right handed climbers.

**No. 76PAT** 6" - 20" diameter poles Wt: 3.5 lb. **No. 76PAT-T** 6" - 30" diameter poles Wt: 3.5 lb.

#### **REPLACEMENT PARTS**

No. 76PAT-ORC Includes replacement pole rope

and rope clamp Wt: 1.0 lb.

No. 76PAT-OR Includes replacement rope Wt: .75 lb.

\*The Patriot meets ASTM F887 Type A/B requirements. Including icy or slippery poles.

AN INSTRUCTIONAL VIDEO IS ON OUR WEBSITE OR WWW.BASHLINPATRIOT.COM

#### AS A RESULT OF INDEPENDENT TESTING THE PATRIOT HAS BEEN CLASSIFIED AS "ERGONOMIST APPROVED".

It's 3.5 lb. weight is less than the 4lb. weight threshold determined by ergonomist studies to cause damaging repetitive motion strains.

The Patriot reduces stress on the arms and shoulders and potential repetitive strain injuries caused by climbing with other Fall Restraint Devices.



WARNING: The carabiners, connector slot and connector latch should be free from debris, open easily and close completely. Verify all connections. The rope clamp should have no signs of stress, no loose screws, nor indicate movement of the line. The red wear indicators of the black outer line, or the red/white/blue inner line should not be visible. If your Patriot has any of these discrepancies, it must be removed from service.

#### **POLE STRAPS**



#### **50 SERIES**



The 6 ply 1 3/4" neoprene coated nylon material uses a tongue buckle adjustment, and has a red wear indicator.

Part No.	Length		Wt:
No. 51N-2HL	5'6"	Pole strap	3.75 lb.
No. 52N-2HL	6'	Pole strap	3.75 lb.
No. 53N-2HL	6'6"	Pole strap	4.0 lb.
No. 54N-2HL	7'	Pole strap	4.0 lb.



**WARNING:** Always visually confirm that the snap is on the D-Ring with the gate closed and locked before allowing the strap to support your body weight. Do not just listen for the "click".



#### **40NW SERIES**

The orange woven nylon is soft, pliable, and has a red wear indicator in the center. Adjustment is made with a forged steel friction adjuster.

Part No.	Length		Wt:
No. 41NW-2HL	5'6"	Pole strap	3.5 lb.
No. 42NW-2HL	6'	Pole strap	3.5 lb.
No. 43NW-2HL	6'6"	Pole strap	4.0 lb.
No. 44NW-2HL	7'	Pole strap	4.0 lb.



**WARNING:** The 40 and 50 series straps have red wear indicators in the center to help determine when it is time to replace them.



#### 78 SERIES



Bashlin's pliable latigo leather straps feature a nylon insert. The stitching is deeply embedded in the leather for longer wear.

Part No.	Length		Wt:
No. 78X-2HL	5'6"	Pole strap	4.25 lb.
No. 78A-2HL	6'	Pole strap	4.25 lb.
No. 78B-2HL	6'6"	Pole strap	4.5 lb.
No. 78C-2HL	7'	Pole strap	4.5 lb.



47N-15

#### **EXTENSION STRAPS**



Bashlin's extension straps are made from 6 ply nylon and forged steel hardware. The available lengths are 15" and 18".

Part No.	Length		Wt:
No. 47N-15	15"	Extension strap	1.0 lb.
No. 47N-18	18"	Extension strap	1.0 lb.



WARNING: Double action locking snaphooks reduce, but do not eliminate, the possibility of accidental disengagement. Caution and proper work methods including keeping the Snap/D-Ring area free from foreign objects must be practiced at all times. Disabling the gate locks may cause accidents, injury, or death.

# ADJUSTABLE ROPE POSITIONING LANYARDS

- Bashlin's Rope Lanyards for transitioning obstacles when climbing or descending poles are available
  in several materials with multiple wear protection, adjuster, and snap-hook options.
- · Twist lock aluminum carabiner is standard on adjusters.
- Rope options (all have red core for inspection).

#### YALE BLAZE 16 STRAND XTC

XTC 16 is a tight braid consisting of 16 individual strands of polyester. A high-twist core of torque-balanced polyester keeps the construction firm and round, providing an extra measure of safety. XTC 16 is an excellent choice due to its no snagging, abrasion-resistant construction and excellent energy absorption characteristics.

#### UNILINE

Uniline is a parallel-core cable of PET (polyester) filament. The Uniline core is bonded together with a rubber-based adhesive, wrapped with red rubber tape, over-braided with a tough polyester sleeve.



#### **NEW "R.I.N.G." ROPE**

R.I.N.G Rope is engineered with superior durability and ease of inspection in mind. The modified "TECHNORA" over-braid is designed to maximize cut and abrasion resistance. Inside, you'll find a modified Kernmantle construction. The red polyester sub-sleeve is easily identifiable if the rope becomes compromised due to wear and tear. If the red damage indicator is exposed, just remember - "Red-Is-No-Go!"





#### **ADJUSTOR CHOICES**

- 4016 Style-standard or straight cam
- 4019 Style-90 degree twist cam



# ROPE CONSTRUCTION (ALL HAVE RED CORES FOR INSPECTION)

- Braided rope with PVC cover (NX) (A)
- Braided rope with Ballistic nylon/rope roller (NXBC) (B)
- Durable Yale Uniline (UX) (C)
- Ring rope (TX) (D)



#### **SNAPHOOKS**

- Standard steel (1)
- Steel swivel snaphook (SW) (2)
- Aluminum alloy (AL) (3)

# ADJUSTABLE ROPE POSITIONING LANYARDS



# 4016 LANYARDS - STANDARD ADJUSTOR

No. 4016NX-8 No. 4016NXBC-8

No. 4016UX-8 No. 4016NX-8SW

No. 4016NXBC-8SW No. 4016UX-8SW No. 4016NX-8AL No. 4016NXBC-8AL No. 4016UX-8AL



PVC wear cover	Wt. 1.5 lb.
Ballistic nylon wear cover	Wt. 1.5 lb.
Uniline	Wt. 1.5 lb.
PVC cover/swivel snap	Wt. 1.6 lb.
Ballistic nylon/swivel snap	Wt. 1.6 lb.
Uniline/swivel snap	Wt. 1.6 lb.
PVC/aluminum hook	Wt. 1.4 lb.
Ballistic/aluminum hook	Wt. 1.4 lb.
Uniline/aluminum hook	Wt. 1.4 lb.



#### 4019 LANYARDS -90° TWIST



No. 4019NX-8	PVC wear cover	Wt. 1.5 lb.
No. 4019NXBC-8	Ballistic nylon wear cover	Wt. 1.5 lb.
No. 4019UX-8	Uniline	Wt. 1.5 lb.
No. 4019NX-8SW	PVC cover/swivel snap	Wt. 1.6 lb.
No. 4019NXBC-8SW	Ballistic nylon/swivel snap	Wt. 1.6 lb.
No. 4019UX-8SW	Uniline/swivel snap	Wt. 1.6 lb.
No. 4019NX-8AL	PVC/aluminum hook	Wt. 1.4 lb.
No. 4019NXBC-8AL	Ballistic/aluminum hook	Wt. 1.4 lb.
No. 4019UX-8AL	Uniline/aluminum hook	Wt. 1.4 lb.

# \*\*

## 4018TX-8AL

**NEW** \* \*



Constructed with 11.5MM Yale "R.I.N.G" Rope, "RAD" device, and an aluminum snap hook. The abrasion and cut resistance of the "TECHNORA" over-braid eliminates the need for additional wear jackets or PVC covers. The "RAD" (Rope Adjustment Device) features an internal breaking system and spring loaded flip out handle which allows for easy one hand operation.

#### 4019TX-8AL



Constructed with 11.5MM Yale "R.I.N.G" Rope, 90° twist stop adjuster and an aluminum snap hook this device will hold up under challenging conditions. The abrasion and cut resistance of the "TECHNORA" over-braid eliminates the need for additional wear jackets or PVC covers.



No. BW251

#### **HAND TOOLS**







 See through port to confirm that the ends are separated.

separateu.			
No. BW221	3/8" - 9/16"	Wt: 0.75 lb.	
No. BW2212*	1/2" - 9/16"	Wt: 0.75 lb.	
No. BW223	Stamped metal, insulating		
	handle, 9/16" and 3/4"	Wt: 0.75 lb.	
No. BW223HD	Heavy-duty, drop-forged, insul	ating	
	handle, 9/16" and 3/4"	Wt: 0.75 lb.	
No. BW2237*	5/8" - 3/4"	Wt: 0.75 lb.	
No. BW224*	3/4" - 7/8"	Wt: 0.75 lb.	
No. BW244	Heavy-duty, 4-in 1, drop-forged, insulating		
	handle, reversing ratchet, 5/8" and 1/2" -		
	9/16" and 3/4"	Wt: 0.75 lb.	
No. BW288	Heavy-duty, head 1: drop-forg	ed	

5/16" hex (Allen) with 2" working length,

head 2: ratchet penta socket with built-in 3/8" hex socket for "twist off"

lock, insulating handle Wt: 1.10 lb.

Heavy-duty 4-in 1, drop-forged, insulating handle, reversing ratchet, 5/8" and 1/2" -

9/16" and 3/4" Wt: .75 lb.

No. R9074 Penta socket with 3/8"

drive, deep well Wt: 0.5 lb.

\*Not shown



#### **KLEIN "BELL" LINEMEN'S WRENCH**

**No. 3146** 5/8" hardware Wt: 2.0 lb.



#### **KLEIN ADJUSTABLE WRENCHES**

- · Heavy duty wrenches are made of steel alloy.
- · Feature an extra capacity design.
- · Plastic dipped handles.

**No. D507-8** 8" length and 1 1/8"

capacity Wt: 1.0 lb.

**No. D507-10** 10" length and 1 5/16"

capacity Wt: 1.0 lb.

No. **D507-12** 12" length and 1 1/2"

capacity Wt: 1.5 lb.



#### **LOWELL LINEMEN'S WRENCHES**

- Square socket fits 3/4",1",1 1/8".
   Hex end fits 9/16", 3/4", and 5/8" square nuts.
- · Reversing lever at head.
- · Bolt-thru design.

No. 100TDE	8 1/4" ergo grip	Wt: 1.5 lb.
No. 101TDE	9 1/4" steel handle	Wt: 2.0 lb.
No. 103TDE	12 1/4" steel handle	Wt: 2.25 lb.

#### TRIPLE SQUARE

• 3/4", 1", 1-1/8"

**No. 150-12** 12" steel handle Wt: 2.5 lb.

#### **QUAD WRENCH**

• 3/4", 13/16", 1", 1 1/8"

No. 8D 12" ergo handle Wt: 1.5 lb.

Bashlin sells the complete line of Lowell products.

Call or write for information.

#### **HAND TOOLS**



#### **LINEMEN'S PLIERS**

- Made in the U.S.A.
- Designed for professional use.
- Plastic dipped handles.

No. D213-9NE	Klein's most popular (9")	Wt: 1.25 lb.
No. D2000-9NE	Klein hardened jaws (9")	Wt: 1.25 lb.
No. D2000-9NETH	Klein with 5/8"	

thread cleaners



#### **ADJUSTABLE PLIERS**

- The original Channellock® plier.
- Made in the exact same standards that earned it a quality reputation.

No. 420G	9 1/2" with coated handles	Wt: 1.0 lb.
No. 430G	10" with coated handles	Wt: 1.0 lb.



#### **LINEMEN'S SKINNING KNIVES**

· Plastic handle.

Wt: 1.25 lb.

• A ring for hanging on a tool belt or tool board.

No. BSK20	Curved point, 9 1/4" OAL	
	No ring	Wt: 0.5 lb.
No. BSK25	Curved point, 9 1/4" OAL	Wt: 0.5 lb.
No. BSK30	Curved point, 10" OAL	Wt: 0.5 lb.
No. BSK50	Curved point, for shotgun	
	stick, 10" OAL	Wt: 0.5 lb.
No. 1570-3	Curved point, 10" OAL	Wt: 0.4 lb.



#### **KLEIN FOLDING LINEMEN'S KNIFE**

• 2.5" hardened locking blades.

No. 1550-4 No. 44005	Wood grain plastic with ring Impact-resistant handle	Wt: 1.0 lb.
	with rubber insert	Wt: 0.5 lb.
No. 44218	Skinning knife with	
	replaceable blade	Wt: 0.5 lb.
No. 44219	Replacement blades (3 pack)	Wt: 0.1 lb.

#### **HAND TOOLS**



#### **HAMMERS**

. Made in the USA.

No. B6232	Vaughn line hammer	Wt: 2.0 lb.
No. B832	Klein claw hammer	Wt: 2.5 lb.
No. B809	Klein double face hammer	Wt: 2.5 lb.
No. B816	Klein linemen's hammer	Wt: 2.5 lb.
No. 11417N	Plumb waffle hammer	Wt: 2.5 lb.



#### **KLEIN SCREWDRIVERS**

• Features a square shank, keystone tip, cushion grip.

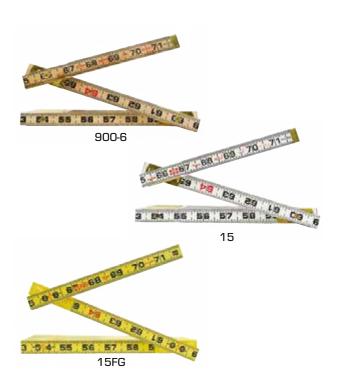
r catalog a equalo cham, negotione ap, cacinen grip.		
No. 600-4	8 11/32" OAL, 1/4"	
	tip width and 4" shank	Wt: 0.4 lb.
No. 600-6	10 15/16" OAL, 5/16"	
	tip width and 6" shank	Wt: 0.5 lb.
No. 600-8	13 7/16" OAL, 3/8"	
	tip width and 8" shank	Wt: 0.6 lb.
No. 600-12	17 7/16" OAL, 1/2"	
	tip width and 12" shank	Wt: 1.0 lb.
No. 602-7DD	7" round shank demo driver	Wt: 0.5 lb.



#### **STAPLE STICKS**

- . Makes driving staples safer and more efficient.
- Simply load 12 staples ahead of time and hammer them through when needed.
- There is no fumbling, and the risk of a glove puncture is minimized.

No. BSS2000 Staple stick for 3/4" staples Wt: 0.5 lb.
No. BSS2001 Staple stick for 1" staples Wt: 0.5 lb.



#### **FOLDING RULES**

· Features either an inside read or an outside read.

No. 900-6	Klein 6' inside read wood	Wt: 0.3 lb.
No. 15	Lufkin 6' dual read wood	Wt: 0.3 lb.
No. 15FG	Rigid 6' inside read fiberglass	Wt: 0.3 lb.

#### **EQUIPMENT INSPECTION**

Bashlin's Climbing Equipment is to be inspected before each use. If in the course of your inspection any of your tools are found to be defective, they must be removed from service immediately. Follow your company procedures for replacement. If there are any questions, please contact us. Properly maintaining your equipment is an investment in your well-being.

#### **HOW TO INSPECT YOUR EQUIPMENT**

Here are the components of your equipment that need to be carefully inspected. Remove any product from service that has any of the following conditions.

#### **TOOL BELTS**

#### **(ESTIMATED SERVICE LIFE 5-8 YEARS)**

- A Hardware-electrical burns, cracks, deformation, loose attachment points.
- B Sewing-loose, cut, broken or frayed stitches.
- C Leather or Nylon material-Abrasion, fraying, cracking, cuts or chemical deterioration.
- (D) Rivets-loose or bent rivets.
- (E) Tool loops-holsters-bug bags-elongated loops, loose attachments, cut straps, worn bag bottoms.
- Belt tongue-broken stitches, elongated holes, worn or abraded material.

#### FALL RESTRAINTS/POLE STRAPS/ SECONDARY LANYARDS

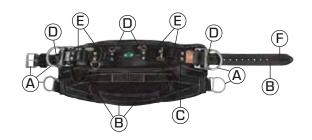
**(ESTIMATED SERVICE LIFE 1 - 4 YEARS)** 

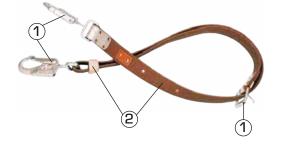
- Hardware-electrical burns, cracks, bends, deformation, loose attachment, improper latch movement and gate spring tension, sticking adjustor cams or carabiner gates, loose set screws.
- Nylon, leather or rope-abrasion that exposes red wear indicator, cuts, fraying, broken stitches, chemical damage.

#### **CLIMBERS**

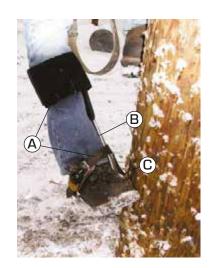
# (ESTIMATED SERVICE LIFE IS WHEN 2ND SET OF GAFFS HAVE WORN OUT)

- A Straps and pads-cuts, extreme abrasion, elongated holes, loose attachment points, chemical damage.
- (B) Shank-electrical burns, cracks, deformation, worn stirrup (thinning), improper slide adjustment. Careful inspection is required to the "critical" portion of the climber shank, 4-8" above the gaff attachment point. Scratches and cuts in this section may cause stress risers, accelerate wear and allow the shank to fail prematurely.
- Gaffs-loose attachment, electrical burns, and incorrect shape. See Bashlin Information booklet BLCL514 for gaff shaping information, or go to www.bashlin.com and see the gaff shaping video.













NOTES:
"SUPERIOR PRODUCTS
REQUIRE VISION AND SKILLED HANDS.' -W.M. BASHLIN, 1926
SKILLED HANDS.'
SKILLED HANDS.'
SKILLED HANDS.'
SKILLED HANDS.' -W.M. BASHLIN, 1926



# FALL PROTECTION EQUIPMENT GENERAL INFORMATION

# BASIC COMPONENTS OF FALL PROTECTION EQUIPMENT:







- A. ANCHORAGE/ANCHORAGE CONNECTORS:
  - A secure point that will endure the force of arresting a worker's fall. In most situations OSHA requires a strength rating of 5,000 lb. or more for a single worker's anchorage.
- B. HARNESS: A device made of webbing, buckles, and D-Rings designed to hold the worker securely, distribute arresting forces, and provide a point to attach a lanyard connecting the individual to an anchorage.
- C. LANYARD: A web product connecting the worker to the anchorage. It must include a shock absorbing device for fall arrest applications.
- D. CONNECTING DEVICES: Snaphooks, carabiners, and
   D-Rings that link the various components of the personal fall protection equipment.

# FALL PROTECTION EQUIPMENT CRITERIA

Bashlin expands on these basic ideas for the specific desires of our customers. The big question is, what do you need? Here are some things to consider:

#### **ANCHORAGE/ANCHORAGE CONNECTORS:**

- Does it have the required strength?
- Can it be easily accessed? Will the lanyards and fall lines remain clear of tangles and damaging edges?
- Are the connections and combinations of the hardware compatible to reduce the possibility of accidental disengagement or damage in an arrested fall?
- Are the connections close and as directly above the user as possible, and high enough to keep the worker from striking a lower level during an arrested fall?

#### **LANYARDS**

- Are the lanyards as short as possible (6' maximum)?
- Does the free-fall distance comply with OSHA requirements?
- Do the connections to the anchorage and harness comply with industry standards?
- · Is a shock absorber required or necessary?

#### **HARNESSES**

- What are the OSHA requirements for the work situation?
- Does the work require positioning capabilities or only fall arrest?
- Can or will the fall protection equipment be used to aid in the rescue of a worker?

#### INSPECT BEFORE EACH USE.

#### PROPER USE AND CARE OF HARNESSES



- Read, understand, and follow all instructional material included with or attached to these products.
- · Do not use these products without proper training.
- Check that all buckle hardware and closures are aligned properly, are free from damage, and are functioning properly.
- Harness should be properly sized to the individual user.
   See page 37 for sizing chart.
- Adjust harness to obtain a "snug" fit by adjusting friction adjusters and buckles on shoulder and leg straps. When adjusted correctly the back attachment should be located between the shoulder blades of the user.
- Utilize elastic bands and plastic keepers to control excess webbing after adjustments are made.
- Avoid exposing safety harness to excessive heat, chemicals, and prolonged exposure to sunlight that can degrade the materials.

#### **CARING FOR YOUR HARNESS**

Proper care for your harness is quick and easy by simply following these guidelines.

#### **CLEANING**

"Hand Washing" is recommended using a mild laundry detergent. Rinse completely and hang to dry. Product can also be machine washed in a mesh bag on the gentle cycle.

DO NOT machine dry.

#### **STORAGE**

Store Harness in a ventilated area protected from moisture, heat, chemicals, and UV Light. Bashlin's 10HB harness bag is a great storage option.



10HB











#### INSPECTION

- Inspect before use.
- All tagging and labeling must be present and legible.
- Hardware should be free from electrical contact marks, cracks, deformities, corrosion, and must function properly.
- Webbing shall not have cuts, burns, broken stitching, excessive abrasion or chemical degradation.
- "Shock" load indicators are intact and have not been deployed.

If any of the above issues are detected, remove product from service immediately.



NYLON HARNESS EXPOSED TO ARC FLASH



UNDAMAGED UNDERSIDE OF SAME WEBBING

## **BASHLIN HARNESSES** are available in the X or H design.

The X (683) models are sized. The H (662) are one size fits most.

# BASHLIN HARNESSES AND LANYARDS ARE ASTM ARC FLASH COMPLIANT AND THIRD PARTY TESTED.



# BASHLIN'S NON-CONDUCTIVE BUCKLES, ADJUSTORS AND SNAPHOOKS ARE RATED AT 9KV.



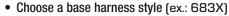
WTH SMALL D-RING (C6)

L2805-4HL: 4' or 6' (6HL) polyester core/tubular web shock absorber

## **ARC FLASH HARNESS OPTIONS**

X-STYLE **H-STYLE** 





- Choose a back attachment(s) (ex.: 683XA)
- Choose other harness options (ex.: 683XAP)
- Choose a size (ex.: 683XAP-L)









**SHOULDER** 







NYLON WEB LOOPS ON SHOULDERS (T)



SHOULDER/BACK PAD COMBO (X)



QUICK RELEASE BUCKLES (Q) (PREFIX)



REFLECTIVE MATERIAL ON WEBBING (Q)



656 SERIES POSITIONING BELT (D-SIZE REQUIRED) (P)



LEATHER BUCKLE PAD (F)



NEOPRENE BUCKLE PADS (G)



COATED HARDWARE (E)



RESCUE LOOPS ON CHEST (R)



RESTEP SUSPENSION TRAUMA DEVICE (R2)

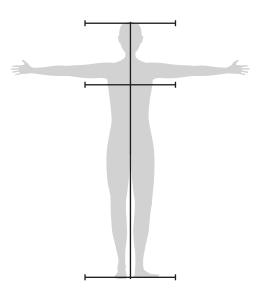
### **SIZING CHART - BASED ON HEIGHT AND CHEST SIZE**

### X-STYLE 683 AND H-STYLE 662V

SIZE		HEIGHT	CHEST
S	Small	5' 4" - 5' 7"	36 in.
M	Medium	5' 8" - 5' 11"	40 in.
L	Large	6' 0" - 6' 3"	44 in.
Χ	X-Large	6' 3" - 6' 6"	48 in.
2XL	XX-Large	6' 6" +	52 in.
3XL	XXX-Large	6' 6" +	56 in.

### **H STYLE HARNESSES-662R AND 662A**

SIZE		HEIGHT	CHEST
0	One Size Fits Most	5' 4" - 6' 3"	48 in.
Χ	X-Large	6' 3" - 6" 6"	54 in.
2X	XX-Large	6' 6" - 6' 10"	60 in.



**AERIAL LIFT AND GENERAL USE ARC FLASH HARNESSES** 

### **683 "X" STYLE SERIES**









The 683 "X" is Bashlin's premier body harness. Originally designed for the utility industry, this harness sets the standard for comfort, flexibility and ease of use. The hardware is low on the waist, and a loop is in the front for rescue or work positioning. Available with pass through friction buckles or quick release buckles. Size required, see page 37.



**BASHLIN'S HARNESSES MEET ASTM F887 ARC-FLASH** REQUIREMENTS AND ARE 3RD PARTY CERTIFIED



### "X" HARNESS WITH D-RING **BACK ATTACHMENT**

- · X-Style full body harness.
- 3" D-Ring.

No. 683XD No. 683GD Pass through buckles Grommet leg straps

Wt. 4.0 lb. Wt. 4.5 lb.



### "X" HARNESS WITH NYLON **LOOP BACK ATTACHMENT**

- X-Style full body harness.
- 3" nylon loop for lanyard attachment.

No. 683XA No. 683GA Pass through buckles Grommet leg straps with pass through buckles

Wt. 4.0 lb.

Wt. 4.5 lb.

### "X" HARNESS WITH 24" **EXTENSION BACK ATTACHMENT**

683XC

- X-Style full body harness.
- · Pass through buckles.

No. 683XB No. 683XC 24" extension with nylon loop

Wt. 3.5 lb. Wt. 3.5 lb.

24" extension with D-Ring



### "X" HARNESS B683X **BLACK OUT SERIES**

- · X-Style full body harness.
- . Black webbing with orange stitching.

No. B683XA With nylon loop No. **B683XD** With D-Ring

Wt. 4.5 lb. Wt. 4.5 lb.



### "X" HARNESS WITH **BELT ATTACHMENT**

- · X-Style full body harness.
- · Allows user to attach work belt to harness.

No. 683IA With nylon loop No. 683ID With D-Ring

Wt. 4.5 lb. Wt. 4.5 lb.

# AERIAL LIFT AND GENERAL USE ARC FLASH HARNESSES

### 662 "H" STYLE SERIES







The 662 Series is a fully adjustable, one size fits most full body harness, in the "H" style. This harness also has a dorsal seat strap and 10,000 lb. test web.

Size required, see page 37.



### "H" HARNESS WITH D-RING BACK ATTACHMENT

- . H-Style full body harness.
- · Pass through buckles.

No. 662AD	Moveable chest strap	Wt. 4.0 lb.
No. 662RD	Fixed chest strap	Wt. 4.0 lb.
No. 662GD	Moveable chest strap and	
	grommet legs	Wt. 4.5 lb.



### "H" HARNESS WITH NYLON LOOP BACK ATTACHMENT

- . H-Style full body harness.
- 1" nylon web loop.

No. 662AA	Moveable chest strap	Wt. 4.5 lb.
No. 662RA	Fixed chest strap	Wt. 4.0 lb.
No. 662GA	Moveable chest strap and	

grommet legs Wt. 4.5 lb.



## "H" HARNESS WITH 24" EXTENSION BACK ATTACHMENT

- Available with or without 2" D-Ring.
- . Use only with lanyards that are 4' or less.

No. 662AB	With loop end	Wt. 4.5 lb.
No. 662AC	With D-Ring	Wt. 4.5 lb.
No. 662RB	Fixed chest strap	
	with nylon loop	Wt. 4.0 lb.
No. 662RC	Fixed chest strap with D-Ring	Wt. 4.0 lb.



### 662 "H" HARNESS WITH BELT ATTACHMENT

- · H-Style full body harness.
- · Allows user to attach work belt to harness.
- Nylon "A" loop or D-Ring back attachment available.

No. 662ID Pass through buckles

with D-Ring Wt. 4.5 lb.

No. 662IA Pass through buckles

with nylon loop Wt. 4.5 lb.



QUICK RELEASE BUCKLES ARE AVAILABLE ON ALL BASHLIN HARNESSES (Q).

## **AERIAL LIFT AND GENERAL USE ARC FLASH HARNESSES**









### "H" HARNESS 662VA

- . H-Style full body harness with a nylon "A" loop or D-Ring back attachment.
- . Hook-N-Loop chest closure with pass through friction buckles.
- Sized as an X-Style harness (S-2X). See page 37.

No. 662VA Pass through buckles

> with nylon loop Wt. 4.0 lb.

No. 662VD Pass through buckles

> Wt. 4.0 lb. with D-Ring



### **"H" HARNESS B662A BLACK OUT SERIES**

- 662 H-Style harness in black webbing and orange stitching.
- . Moveable chest strap with pass through buckles.
- · Size required, see page 37.

No. B662AA With nylon loop Wt. 4.5 lb. No. B662AD With D-Ring Wt. 4.5 lb.

## DIELECTRIC HARNESSES 📝 🗲 觉







Bashlin's X-Style and H-Style harnesses are available with dielectric buckles and snap hooks constructed with nylon molded over heat treated alloy steel to produce a minimum rating of 9kV. Lanyards are also available. Size required, see page 37.



### "X" DIELECTRIC HARNESS

- Quick release buckles.
- · Available with nylon "A" loop or dielectric D-Ring.
- · Size required, see page 37.

No. DEQ683XA Nylon web loop Wt. 3.5 lb. No. DEQ683XD1 **Dielectric D-Ring** Wt. 4.5 lb.





### "H" DIELECTRIC HARNESS

- Quick release buckles.
- · Available with nylon "A" loop or dielectric D-Ring.
- Size required, see page 37.

No. DEQ662HA Nylon web loop Wt. 4.0 lb. No. DEQ662HD1 **Dielectric D-Ring** Wt. 4.5 lb.

## **CLIMBING, SUBSTATION, AND TOWER HARNESSES**











### **Q662ZA SERIES: ZEUS "H" STYLE ARC FLASH FULL BODY HARNESS**

- At just 7.5 lbs. this full body H-Style harness has an integral stacked 4 D-Ring belt with aluminum D-Rings, quick release buckles, and Dri-Lex moisture wicking pad.
- · Rescue loops on chest.
- Sizes as follows: Small (S) D18-21; Medium (M) D22-25; Large (L) D26-28; X-Large (X) D29-32.

No. Q662ZA

Quick release buckles

with nylon loop

Wt. 7.5 lb.

### **CALL US TO PLACE AN ORDER WITH ANY** OF THE ADDITIONAL OPTIONS AVAILABLE:

- (A) Nylon loop dorsal attachment
- 2' Extension (C)
- (D2) Aluminum D-Ring
- Neoprene buckle pads
- (R2) RESTEP Suspension Trauma Straps
- (X) Mesh shoulder/back pad



### **HARNESS BAGS**

· Store and protect your body harness from most mechanical, chemical and UV damage in this high visibility orange canvas bag.

No. 10HB Harness bag Wt. 1.0 lb.



### **683 "X" STYLE CLIMBING HARNESS**

- · Available with 656CM tool belt.
- · Belt easily removed from harness.
- Front attachment point for work positioning on ladders or rescue.
- Size both harness and tool belt "D" size.

No. 683XDP	With 3" D-Ring	Wt. 8.0 lb.
No. 683XAP	With nylon loop	Wt. 8.0 lb.
No. 683XBP	With 24" loop extension	Wt. 8.0 lb.
No. 683XCP	With 24" D-Ring extension	Wt. 8.0 lb.



QFE683EZTWR

### FE683EZTWR TOWER HARNESS

- 683 X-Style harness
- Extra support and comfort EZ-Rider belt.
- · Available with "A" loop or D-Ring.
- · Size both harness and tool belt "D" size.

No. FE683EZTWR Pass through buckle Wt. 11.0 lb.



**QUICK RELEASE BUCKLES ARE AVAILABLE** ON ALL BASHLIN HARNESSES (Q).

## 



### **BEDQ683XD1 "X" STYLE HARNESS**

- Dielectric D-Ring with 18" nylon loop choked into D-Ring.
- Four "A" loops with reflexite (two on shoulders and two on hips).
- · Leather buckle pads.
- Size required, see page 37.

No. BEDQ683XD1 X-Style harness

Wt. 4.5 lb.



### **CONFINED SPACE HARNESS**

- Bashlin standard 683X and 662 H-Syle harnesses for confined space entry are available with specialty options such as shoulder loops, hip loops, and high visibility material on webbing.
- Available in X-Style or H-Style.
- Pass through buckles standard.

No. 683XDT No. 662ACS D-Ring, nylon shoulder loops Wt. 4.0 lb. 24" D-extension and

shoulder D-Rings Wt. 5.0 lb.



### **BED662VDEF "H" STYLE HARNESS**

- Dielectric D-Ring with 18" nylon loop choked into D-Ring.
- Four "A" loops with reflexite (two on shoulders and two on hips).
- · Coated hardware.
- · Leather buckle pads.
- . Hook-N-Loop and loop chest closure.
- · Size required, see page 37.

No. BED662VDEF H-Style harness

Wt. 4.5 lb.





QUICK RELEASE BUCKLES ARE AVAILABLE ON ALL BASHLIN HARNESSES (Q).

# LANYARDS FOR AERIAL LIFT/FALL PROTECTION 📝 🔗 觉



BASHLIN'S LANYARDS MEET ASTM F887 ARC-FLASH REQUIREMENTS AND ARE 3RD PARTY CERTIFIED







### No. 2005NWB-6DE

1" nylon web with B-LAN, a non-conductive dielectric snaphook, and a loop end.

Wt. 1.75 lb.



## 2000 SERIES B-LAN SHOCK ABSORBING LANYARDS

The B-LAN shock absorber pack reduces shock forces to the user by drawing the nylon web through a compressed steel tube (as a result of a fall event).

The maximum and standard length of the 2000 series lanyard is 6'. Shorter lengths are available on request.



### No. 2004NWB-6HL

Shock absorbing lanyard. 1" nylon web with B-LAN and two SL6650A rope snaphooks.

Wt. 2.5 lb.

### No. 2015NWB-6HL

Shock absorbing lanyard – 1" nylon web with B-LAN, a SL6650A rope snaphook and a 3005A aluminum carabiner.

Wt. 2.0 lb.



### No. 2017NWB-6HL

Shock absorbing lanyard – 1" nylon web with B-LAN, a SL6650A rope snaphook and a 3005 steel carabiner.

Wt. 2.0 lb.



### No. 2005NWB-6HL

Shock absorbing lanyard – 1" nylon web with B-LAN, a SL6650A rope snaphook and a loop end. Wt. 2.0 lb.



### No. 2002NWB-6HL

Shock absorbing lanyard – 1" nylon web with B-LAN, a SL6650A rope snaphook and a 5395A large ladder snaphook.

Wt. 3.0 lb.

# LANYARDS FOR AERIAL LIFT/FALL PROTECTION (\*) (\*)



BASHLIN'S LANYARDS MEET ASTM F887 ARC-FLASH REQUIREMENTS AND ARE 3RD PARTY CERTIFIED



# 2800 SERIES-POLYESTER SHOCK ABSORBING CORE

The **2800** series lanyards are constructed using tubular nylon web with a woven polyester core that absorbs forces as it expands in a fall event.

The maximum and standard length of the 2800 series lanyard is 6'. Shorter lengths are available on request.



### No. 2804-6HL

Shock absorbing lanyard – tubular nylon web with polyester shock absorbing core and two SL6650A snaphooks.

Wt. 2.5 lb.



### No. 2805-6HL

Shock absorbing lanyard – tubular nylon web with polyester shock absorbing core, a SL6650A snaphook and a loop end.





### No. 2805-6DE

Shock absorbing lanyard – tubular nylon web with polyester shock absorbing core, a non-conductive dielectric snaphook and a loop end.

Wt. 2.0 lb.



### No. 2815-6HL

Shock absorbing lanyard – tubular nylon web with polyester shock absorbing core, a SL6650A snaphook and a 3005A carabiner.

Wt. 2.0 lb.



### No. 2817-6HL

Shock absorbing lanyard – tubular nylon web with polyester shock absorbing core, a SL6650A snaphook and a 3005 carabiner.

Wt. 2.0 lb.



### No. 2802-6HL

Shock absorbing lanyard – tubular nylon web with polyester shock absorbing core, a SL6650A snaphook and a 5395A large snaphook.

## LANYARDS FOR AERIAL LIFT/ **FALL PROTECTION**



**BASHLIN'S LANYARDS MEET ASTM F887 ARC-FLASH REQUIREMENTS AND ARE 3RD PARTY CERTIFIED** 

### 2300 SERIES-POLYESTER **SHOCK ABSORBING CORE** WITH "STRETCH"

The 2300 series lanyards are constructed using tubular nylon web with a woven polyester core that absorbs forces as it expands in a fall event. Elastic cord has been added to allow the lanyard to "stretch" and contract minimizing length while using. Standard length is 6'.



### No. 2317-6HL

Shock absorbing "stretch" lanyard - 2" tubular nylon web with polyester shock absorbing core, a SL6650A snaphook and a 3005 carabiner.

Wt. 2.0 lb.



### No. 2306-6HL

Shock absorbing "stretch" lanyard - 2" tubular nylon web with polyester shock absorbing core and two SL6650A snaphooks.



### No. 2302-6HL

Wt. 2.5 lb.

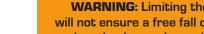
Wt. 2.0 lb.

Shock absorbing "stretch" lanyard – 2" tubular nylon web with polyester shock absorbing core, a SL6650A snaphook and a 5395A large ladder hook. Wt. 3.5 lb.



### No. 2305-6HL

Shock absorbing "stretch" lanyard – 2" tubular nylon web with polyester shock absorbing core, a SL6650A snap hook, and a loop end.



WARNING: Limiting the lanyard length to 6' will not ensure a free fall of 6' or less. The lanyard length, plus anchor point and work location together will determine the free fall distance.



### No. 2315-6HL

Shock absorbing "stretch" lanyard - 2" tubular nylon web with polyester shock absorbing core, a SL6650A snaphook and a 3005A carabiner.

Wt. 1.5 lb.

# DID YOU KNOW?

### **BASHLIN LANYARDS ARE AVAILABLE WITH THE FOLLOWING OPTIONS AND FEATURES:**

- Forged steel snaphooks (SL6650A), steel carabiner (3005), aluminum carabiners (3005A), or large ladder snap (5395A).
- 1" nylon web, and 1" tubular web.
- Manufactured to ANSI, ASTM, and OSHA requirements.

## 2-LEG LANYARDS FOR CLIMBING TOWERS 📝 🗲 觉







### **B-LAN SERIES**

The B-LAN shock absorber pack reduces fall arrest forces in a fall event by drawing the nylon web through a compressed steel tube.

### **B-LAN STYLE - "Y" CLIMBING LANYARD**



### No. 2028NWB-6HL

Twin leg climbing lanyard with steel rope snap, two large steel ladder hooks, and B-LAN shock absorber.

Wt. 5.0 lb.



### No. 2028-6AL

Twin leg climbing lanyard with aluminum rope snap, two large aluminum ladder snaphooks, and B-LAN shock absorber.

Wt. 5.0 lb.



### No. 2027-6HL

Twin leg climbing lanyard with nylon loop, two large steel ladder snaphooks, and B-LAN shock absorber.

Wt. 5.0 lb.



**CAUTION:** Lanyards may be connected to D-Rings on harnesses (D) with web/rope loops, and properly dimensioned carabiners or snaphooks. Nylon back attachments, (C) require web/rope loops or properly dimensioned carabiners. Snaphooks are not to be used with (C) attachment points. See page 49.





## 2-LEG LANYARDS FOR CLIMBING TOWERS 📝 🔗 觉

### **POLYESTER SHOCK** ABSORBING CORE STYLE -**"Y" CLIMBING LANYARD**

The 2300/2800 series lanyards are constructed using tubular nylon web with a woven polyester core that absorbs forces as it expands in a fall event. Standard length is 6'

**AVAILABLE IN SHORTER LENGTHS UPON REQUEST.** 



### No. 2327-6HL

Twin leg tubular nylon "stretch"climbing lanyard with nylon loop, two large steel ladder snaphooks, and shock absorbing core.

Wt. 5.0 lb.



### No. 2827-6AL

Twin leg tubular nylon climbing lanyard with nylon loop, two large aluminum ladder snaphooks, and shock absorbing core.

Wt. 4.5 lb.



### No. 2328-6HL

Twin leg tubular nylon "stretch" climbing lanyard with steel snap hook, two large steel ladder snaphooks, and shock absorbing core.





### No. 2328-6AL

Twin leg tubular nylon "stretch" climbing lanyard with aluminum snap hook, two large aluminum ladder snaphooks, and shock absorbing core.

Wt. 5.0 lb.



### No. 2827-6HL

Twin leg tubular nylon climbing lanyard with nylon loop, two large steel ladder snaphooks, and shock absorbing core.

Wt. 5.0 lb.



### No. 2828-6HL

Twin leg tubular nylon "stretch" climbing lanyard with steel snap hook, two large steel ladder snaphooks, and shock absorbing core. Wt. 5.0 lb.

## POSITIONING LANYARDS 📝 🔗 觉







### 4000 SERIES - FIXED **LENGTH POSITIONING LANYARDS**

This series is designed for and mostly used in positioning applications. In certain situations they can be used for fall arrest, if they are used with a shock absorbing device and if all other applicable requirements are met.

The maximum and standard length of the 4000 series lanyard is 6'. Shorter lengths are available on request.



### No. 4005NW-6HL

1" nylon web with SL6650A rope snaphook and one loop end.

Wt. 2.0 lb.



### No. 4002NW-6HL

1" nylon web with SL6650A rope snaphook and 5395A large ladder snaphook on the ends.

Wt. 3.5 lb.



### No. 4017NW-6HL

1" nylon web with SL6650A rope snaphook and 3005 steel carabiner on the ends.

Wt. 2.5 lb.



### No. 4004NW-6HL

1" nylon web with SL6650A rope snaphooks on the ends.

Wt. 2.5 lb.



### PROPER USE AND CARE OF LANYARDS



- Read, understand, and follow all instructional material included with or attached to these products. (A)
- · Inspect before use.
- Make sure connector on end of lanyard is compatible with harness and anchor point and working properly. (B)
- Do not attach a snap hook directly into a nylon back attachment.(C) Use a locking carabiner or a lanyard that has loop at one end that can be "hitched" to the nylon loop. (D)
- Do not connect two lanyards together to make a lanyard as this will increase your free fall potential. (E)
- Do not use "knots" to shorten a lanyard as this will decrease the strength of the device by 30% or more. (F)
- Do not connect snap hook back into itself (boiler hitch). [G]
- Utilize parking tabs to store free end of lanyard to reduce tripping and entanglement hazards when walking. (H)
- Avoid dragging or allowing lanyards to lay on ground exposing it to chemical or mechanical damage.

### INSPECTION

- Inspect before use.
- All tagging and labeling must be present and legible.
- Hardware should be free from electrical contact marks, cracks, deformities, corrosion, and must function properly.
- Webbing shall not have cuts, burns, broken stitching, excessive abrasion, or chemical degradation.
- "Shock" Load indicators are intact and have not been deployed.

If any of the above issues are detected, remove product from service immediately.

### **CARING FOR YOUR LANYARD**

Proper care for your Lanyard is quick and easy by simply following these guidelines.

### **CLEANING**

"Hand Washing" is recommended using a mild laundry detergent. Rinse completely and hang to dry. Product can also be machine washed in a mesh bag on the gentle cycle. **DO NOT** machine dry.

### **STORAGE**

Store Lanyard in a ventilated area protected from moisture, heat, chemicals, and UV light.

## **ANCHORAGES/CONNECTORS**



### **BOOM STRAPS**









- 10,000 lb. test nylon web.
- Nylon pads.
- · Corrosion resistant.
- Standard length is 55"

No. 703	Boom strap with	
	friction buckle	Wt. 2.0 lb.
No. 703R	Boom strap with ratchet	Wt. 3.5 lb.
No. 703R-2D	2 D-Ring boom strap	

for overcenter lifts Wt. 4.5 lb.





### **ANCHORAGE CONNECTORS**





- · Can be permanently secured to a structure.
- Tested to 5,000 lbs.

No. B3732 4.25" x 2.9" with

2.8" opening

Wt. 1.0 lb.









## **NYLON ANCHOR STRAPS**







- Rated at 5,000 lb.
- · Standard 3' or 4' lengths.
- · Longer lengths are available on request.

No. 2011P-36	36" anchor strap with hardware 48" anchor strap	Wt. 1.75 lb.
	with hardware	Wt. 1.75 lb.
No. 2011P1-36	36" anchor strap	Wt. 1.0 lb.
No. 2011P1-48	48" anchor strap	Wt. 1.0 lb.
No. 2012P-36	36" anchor strap	Wt. 0.7 lb.
No. 2012P-48	48" anchor strap	Wt. 0.7 lb.



## **HARDWARE/DESCENT DEVICES**

### **CARABINERS**







These are convenient connectors for many applications.

Only triple locking carabiners are to be used for fall protection.

Bashlin's carabiners are rated at a minimum of 5000 lb.

(\*OAL is overall length).



SL6650A

### **ROPE SNAPHOOKS**







 Forged steel rated at a minimum of 5000 lb. and meeting the OSHA and ANSI standards.

No. SL6650A

5 9/16" OAL 3/4" gate opening

Wt. 0.5 lb.



# TRIPLE LOCK DESIGN FOR FALL PROTECTION SYSTEMS

No. 3006 Steel 5" OAL with

No. 3008A

1" gate opening

Aluminum 47/8" OAL

with 7/8" gate opening Wt. 0.3 lb.



### **LARGE SNAPHOOKS**







 Forged steel rated at a minimum of 5000 lb. and meeting the OSHA and ANSI standards.

No. 5395A

Wt. 1.0 lb.

9" OAL 2 1/2" gate opening

Wt. 2.0 lb.





# TWIST LOCK AND SCREW LOCK CARABINERS

For rescue and material handling.

No. 3006K Steel twist lock

5" OAL with 1" opening Wt. 0.9 lb.

No. 3004 Steel screw lock

5" OAL with 1 1/4" opening Wt. 1.1 lb.





### **ROPE DESCENT DEVICES**

No. 3200 Russ Anderson rescue

"8" with ears for 7/16"

and 1/2" rope OAL 6" Wt. 2.0 lb.

No. DSD30 Skylotec double stop descender

11mm 7/16" static lines Wt. 2.06 lb.



# PROPER USE AND CARE OF ANCHORAGE CONNECTORS

- · Inspect before use.
- Always place the anchor point as high as possible to reduce free fall distance and the chance that the worker could impact a lower level should a fall event occur.
- DO NOT use nylon web anchor slings around structures or objects with sharp edges unless softeners are used to protect the sling from sharp edges.

### INSPECTION

- · Inspect before use.
- All tagging and labeling must be present and legible.
- Hardware should be free from electrical contact marks, cracks, deformities, corrosion, and must function properly.
- Webbing shall not have cuts, burns, broken stitching, excessive abrasion, or chemical degradation.

If any of the above issues are detected, remove product from service immediately.

# CARING FOR YOUR NYLON ANCHORAGE

Proper care for your Nylon Anchorage is quick and easy by simply following these guidelines.

### **CLEANING**

"Hand Washing" is recommended using a mild laundry detergent. Rinse completely and hang to dry. Product can also be machine washed in a mesh bag on the gentle cycle. **DO NOT** machine dry.

### **STORAGE**

Store Nylon Anchor in a ventilated area protected from moisture, heat, chemicals, and UV light.

NOTES:

### **AERIAL SELF RESCUE EQUIPMENT**

### **PARA-PAK**

The Para-Pak is a self contained kit for emergency evacuation from an elevated work area.

The basic device consists of a 3/8" Aramid fiber line packed into a low profile cartridge. 75' of line stores in an 10" x 10" pouch less than 2" thick.

It's much smaller and weighs less than similar products that use 1/2" synthetic line. The thin profile and lightweight make this a very versatile and user friendly system.

### **PARA-PAK RESCUE KIT**

- · Combination of 683 harness, Para-Pak and lanyard.
- Requires the 683X Series harness to connect to the Para-Pak and a 6" back attachment point extension.
- The FR-Nomex Para-Pak includes a pre-rigged nylon ladder and clips to connect to the harness pad.
- Requires a lanyard that has a ring or loop for connecting to the rescue line.
- Can't be retrofitted on existing fall arrest harnesses or lanyards.

No. 683XC6 X-Style harness with

6" loop and D-Ring Wt. 4.5 lb.

No. SR700XPL Para-Pak with shoulder pad

mounting system for harness Wt. 2.5 lb.

No. SR2804-5.5HL Lanyard with rescue ring Wt. 2.5 lb.



# EMERGENCY SELF EVACUATION FROM AN AERIAL LIFT

### **SR PACK**

- Evacuation or rescue from an elevated work area.
- Lightweight and easy to carry.
- Weather resistant pouch and has a mechanical descent device that will stop if the control is released.
- A harness with a front attachment is required.

No. SRPACK-100AL Rescue Pack (100 ft.)

Wt. 3.3 lb.



# REST SERIES: RELIEF FOR SUSPENSION TRAUMA



# REST - SUSPENSION TRAUMA DEVICE

- Designed to mitigate the debilitating and potentially fatal effects of suspension trauma.
- Ladder secures to the back attachment of the worker's harness for easy access and deployment.
- · Easily deploys by pulling on yellow rung.

No. REST Suspension trauma ladder

Wt. 0.7 lb.



REST-SR

### REST SR - SUSPENSION TRAUMA RELIEF LADDER

- · Self-deploying relief system.
- Ladder can provide the worker a means for either self-rescue, or at the very least a place to relieve the pressure on the leg as a result of hanging in the harness for an extended period of time after a fall event.
- Adjustable for use on 4' 6' lanyards.
- · Can be used on most lanyards.

No. REST-SR Self-rescue ladder Wt. 1.2 lb.



## RESTEP SUSPENSION TRAUMA DEVICE

- Simple and easy device designed to help minimize and alleviate the damaging and potentially fatal effects of suspension trauma when a worker is exposed to a fall event and left suspended in a upright position.
- · Easily attaches to most harnesses.

No. RESTEP

## RESCUE EQUIPMENT





### **WRISTLETS**

- · Quick and easy way to move an injured worker.
- Nylon straps with 3" loops and soft felt padding.

No. 696NW Wristlets Wt. 0.5 lb.





# RESCUING INJURED WORKERS FROM AERIAL LIFT DEVICES

- · Designed for use in aerial lift devices.
- 700FP attaches semi-permanently to the boom with a ratcheting boom strap.
- 700FWI is stored in a canister mounted directly on the truck body.
- Units feature corrosion resistant blocks with nylon sheaves and 75' of twisted rope. Other rope lengths are available on request.
- A carabiner is provided for attachment to the victim.
- Proper training is required to use these items.

No. 700FP Boom mount rescue pack Wt. 8.0 lb.
No. 700FWI Truck mount rescue pack Wt. 14.0 lb.



FE700SRKSC

### **AERIAL LIFT-SELF RESCUE**

- Designed for personal evacuation from a stranded aerial lift.
- 50' of 7/16" polydyne rope with an anchor eye spliced on one end, two carabiners, an DSD30 double stop descender and a carrying bag.
- Available as a boom-mount device.
- Proper training is required to use this item.
- Longer line is available.

No. FE700SRKSCAerial self rescue kitWt. 5.0 lb.No. FE700BMSRSCBoom mount rescue kitWt. 5.5 lb.



## RETRACTABLE LIFELINES

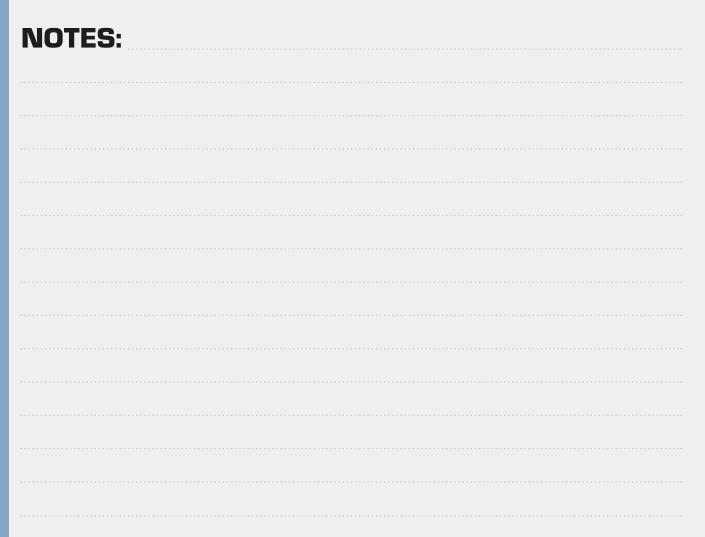
### **RETRACTABLE LIFELINES**



- "B110" series features an aluminum housing while the "B120" series has a more durable steel housing. Both of these units utilize wire or kevlar rope.
- "B130" series uses flat strap polyester webbing.
- The snap hook features a shock load indicator to help determine when the device should be removed from service.

No. B110G-25	Aluminum housing	
	lifeline 25'	Wt. 20.0 lb.
No. B110G-50	Aluminum housing	
	lifeline 50'	Wt. 26.0 lb.
No. B110G-100	Aluminum housing	
	lifeline 100'	Wt. 45.0 lb.
No. B120G-30	Steel housing lifeline 30'	Wt. 20.3 lb.
No. B120G-50	Steel housing lifeline 50'	Wt. 26.0 lb.
No. B120G-65	Steel housing lifeline 65'	Wt. 27.0 lb.
No. B130W-20	Steel housing 20'	Wt. 13.0 lb.
No. B130W-30	Steel housing 30'	Wt. 13.0 lb.







## **GEAR BAGS, BACK PACKS AND TOOL BAGS**

### **BACK PACK SERIES**

- Made from coated polyester and canvas materials.
- · These durable and versatile gear bags offer the user plenty of room for storage of tools and gear.
- Available in yellow, black, orange, and camo.
- · Features high visibility orange canvas liner.







11BPD-B

11BPD-Y

### 11BPD BACK PACK DUFFLE

- · Interior lined with high visibility orange material making what you're looking for easy to find.
- Draw string closure with buckles to secure top cover.
- · Padded back with adjustable shoulder straps and rubberized handle.
- Front Pocket: 16" x 16" x 4".

No. 11BPD-B	Black, 26"H x 50"C (around)	Wt. 6.0 lb.
No. 11BPD-0	Orange, 26"H x 50"C (around)	Wt. 6.0 lb.
No. 11BPD-Y	Yellow, 26"H x 50"C (around)	Wt. 6.0 lb.
No. 11BPD-C	Camo, 26"H x 50"C (around)	Wt. 6.0 lb.



11BP-0

### 11BP TOP LOAD BACK PACK

- 3 exterior pockets (front: 12"x12"x4"/2 side: 16"x6"x3).
- · Buckles secure top cover.
- · Coated polyester with a hard plastic bottom.
- · Padded back with adjustable shoulder straps and rubberized handle.

No. 11BP-B	Black, 16"W x 9" x 19"H	Wt. 6.0 lb.
No. 11BP-0	Orange, 16"W x 9" x 19"H	Wt. 6.0 lb.
No. 11BP-Y	Yellow, 16"W x 9" x 19"H	Wt. 6.0 lb.
No. 11BP-C	Camo, 16"W x 9" x 19"H	Wt. 6.0 lb.





11BPM-Y

11BPM-C

### **11BPM BACK PACK MINI**

- · Compact bag for PPE or any small load.
- Rubber handle.
- Padded adjustable straps.

No. 11BPM-B	Black, 18"H x 38"C (around)	Wt. 1.5 lb.
No. 11BPM-0	Orange, 18"H x 38"C (around)	Wt. 1.5 lb.
No. 11BPM-Y	Yellow, 18"H x 38"C (around)	Wt. 1.5 lb.
No. 11BPM-C	Camo, 18"H x 38"C (around)	Wt. 1.5 lb.





10S-14

10S-14TC

### **10S SERIES**

- . This durable bag is made of heavy canvas.
- · Constructed with a steel frame, polyester web handles. and either a reinforced coated polyester bottom or hard plastic bottom.

No. 10S-14	Small bag with hard plastic	
	bottom 14" x 10 x 7"	Wt. 4.0 lb.
No. 10S-14T-C	Small bag 14" x 15"x 7 with	hard
	plastic bottom - camo	Wt. 4.25 lb.
No. 10S-18	Mid-size bag with coated po	lyester
	bottom 18" x 12" x 9"	Wt. 5.0 lb.
No. 10S-22	Medium bag with coated po	lyester
	bottom 22" x 12" x 7"	Wt. 5.75 lb.
No. 10S-24	Large bag hard plastic	
	bottom 24" x 12" x 7"	Wt. 5.75 lb.

## GEAR BAGS, BACK PACKS AND TOOL BAGS





### 11DC SERIES

- Made of durable coated polyester.
- · Nylon web handles.
- · Hard plastic bottom and flap to cover the opening.
- The "S" model features a polyester web shoulder strap.

No. 11DC	24" x 19" x 11"	Wt. 8.0 lb.
No. 11DCS	With shoulder strap	Wt. 8.0 lb.





### **12S SERIES**

- This bag is made of canvas or coated polyester.
- It has a steel frame with polyester web handles and hard plastic bottom.
- · Features inside and outside pockets.
- The "S" model features a polyester web shoulder strap.
- Also available in black, yellow, orange and camo.

No. 12S	22" x 13" x 11"	Wt. 8.0 lb.
No. 12SS	22" x 13" x 11"	

with shoulder strap **No. 12SC**22" x 13" x 11"

coated polyester Wt. 8.0 lb.

Wt. 9.0 lb.

**No. 12SCS** 22" x 13" x 11" coated

polyester with shoulder strap Wt. 9.0 lb.



## DL11DC-RB SERIES: LARGE WHEEL "DRAG" BAG

- Has a hard plastic bottom and nylon web handles.
- Large 6" all terrain wheels.
- Features a flap to cover the opening when exposed to weather.
- Extendable handle.
- · Available in black, yellow, orange and camo.

No. DL11DC-RB 24" x 19" x 11" bag on large wheels

rge wheels Wt. 10.0 lb.



### **DL11DC-R: ROLLER BAG**

- Has a hard plastic bottom and nylon web handles.
- Features a flap to cover the opening when exposed to weather.
- Durable nylon wheels with an extendable handle.
- · Available in black, yellow, orange and camo.

**No. DL11DC-R** 24" x 19" x 11" bag on wheels Wt. 7.0 lb.



### **CUSTOM LOGOS AND MARKING**

Contact customer service for more information about having your custom logo on our canvas and poly-coated products. There is no additional cost for making the product, simply a one time screen set up fee!

## **GLOVE/SLEEVE BAGS**





24M

**24MC** 





24L

24LC







24LB 24LBC

Wt. 1.10 lb.

### **LINEMEN'S GLOVE BAGS**

- · Best way to ensure proper protection of rubber gloves.
- · Constructed from durable canvas or coated polyester.
- · Features a snap button closure and an attachment hook.
- · Includes drain holes in the bottom.
- Available with a bellows opening which is wider at the top for easier storage.
- · Two pocket bags are good for keeping high voltage and low voltage gloves separate.
- Add "C" to part number for coated bags.

(18" gloves)

No. 24M	Standard opening	
	(10 1/2" gloves)	Wt. 0.5 lb.
No. 24	Standard opening (14" gloves)	Wt. 0.7 lb.
No. 24B	Bellows opening (14" gloves)	Wt. 0.7 lb.
No. 24L	Standard opening (16" gloves)	Wt. 0.7 lb.
No. 24LB	Bellows opening (16" gloves)	Wt. 0.8 lb.
No. 24XL	Standard opening (18" gloves)	Wt. 0.8 lb.
No. 24XLB	Bellows opening (18" gloves)	Wt. 0.8 lb.
No. 24L2P	2 pocket glove bag	
	(16" gloves)	Wt. 1.10 lb.
No. 24XL2P	2 pocket glove bag	



24SLV

### **LINEMEN'S SLEEVE BAGS**

- · Constructed from durable canvas or coated polyester.
- · Hanging loop and attachment hook standard.
- Optional Snap button or Hook-N-Loop closure.

No. 24SL	Sleeve bag	Wt. 1.0 lb.
No. 24SLV	Hook-N-Loop closure	
	sleeve bag	Wt. 1.0 lb.



24SLGPC-19

### **GLOVE/SLEEVE BAGS**

- · Standard size sleeve bag combined with the glove bag.
- · Available in coated polyester.
- · Add "C" to part number for coated bags
- · Add a pocket for safety glasses by including "GP" in the part number.

No. 24SLGP-15	For 14" rubber gloves	Wt. 1.5 lb.
No. 24SLGP-17	For 16" rubber gloves	Wt. 1.6 lb.
No. 24SLGP-19	For 18" rubber gloves	Wt. 1.70 lb.

## **BLANKET BAGS**, **ROLLS, CANISTERS**



24RBR-38



24RBR-38

### **BLANKET ROLLS**

- Easy way to store and carry rubber blankets.
- · Constructed from durable canvas with four blanket capacity.
- · Features nylon snap closures and a nylon web carrying handle.

No. 24RBR-38 For 36" blankets Wt. 1.5 lb. No. 24RBR-47 For 46" blankets Wt. 2.0 lb.



24RBC-38

### **BLANKET BAGS**

· Blanket bags are made of heavy duty coated polyester. They have reinforced seams for added durability.

No. 24RBC-38	For 36" blankets	Wt. 1.10 lb.
No. 24RBC-47	For 46" blankets	Wt. 1.5 lb.



BC136-3

### **BLANKET CANISTERS**

- Blanket canisters make storage easy while providing mechanical and contamination protection.
- · Made of high impact polyethylene.

No. BC136-2	5" x 37" (capacity: 2)	Wt. 2.5 lb.
No. BC136-3	6" x 37" (capacity: 3)	Wt. 2.75 lb.
No. BC136-4	7" x 37" (capacity: 4)	Wt. 3.25 lb.
No. BC136-6	9" x 37" (capacity: 6)	Wt. 4.75 lb.



### **LINE HOSE BAGS**

- · Cotton bags that make handling and storage of line hose easier.
- · Reinforced tops, and leather bottoms.

No. 208-30	8" x 30"	Wt. 2.0 lb.
No. 208-42	8" x 42"	Wt. 2.5 lb.
No. 208-48	8" x 48"	Wt. 3.0 lb.
No. 208-60	8" x 60"	Wt. 3.5 lb.
No. 210-30	10" x 30"	Wt. 3.0 lb.
No. 210-42	10" x 42"	Wt. 3.5 lb.
No. 210-48	10" x 48"	Wt. 4.0 lb.
No. 210-60	10" x 60"	Wt. 4.5 lb.
No. 212-30	12" x 30"	Wt. 3.5 lb.
No. 212-42	12" x 42"	Wt. 4.0 lb.
No. 212-48	12" x 48"	Wt. 4.5 lb.
No. 212-60	12" x 60"	Wt. 5.0 lb.

## HOT STICK, GROUND SET BAGS



### **HOT STICK BAGS**

- Protective bags that are made from coated polyester material and feature a snap button closure.
- Order according to the length of the stick and size as indicated with the stick description.

No. 24HSC-30	30" hot stick bag	Wt. 1.5 lb.
No. 24HSC-45	45" hot stick bag	Wt. 2.0 lb.
No. 24HSC-60	60" hot stick bag	Wt. 1.5 lb.
No. 24HSC-65	65" hot stick bag	Wt. 2.0 lb.
No. 24HSC-75	75" hot stick bag	Wt. 1.5 lb.
No. 24HSC-80	80" hot stick bag	Wt. 2.0 lb.
No. 24HSC-100	100" hot stick bag	Wt. 1.5 lb.
No. 24HSC-125	125" hot stick bag	Wt. 2.0 lb.
No. 24HSC-130	130" hot stick bag	Wt. 1.5 lb.
No. 270B	Rescue stick bag for #270	Wt. 2.0 lb.
No. 1967B	Bag for 1967RCP	Wt. 1.5 lb.

### **GROUND SET BAGS**

 Bashlin's ground set bags are an easy way to store and carry grounding equipment.



217

### **COATED POLYESTER BAG**

- Extra heavy bag is made of coated polyester material.
- It has web handles and a Hook-N-Loop closure.

**No. 217** 28 1/2" x 25 1/2" Wt. 1.5 lb.



10S-14

### **10S SERIES**

- This durable bag is made of heavy canvas.
- Includes a steel frame, polyester web handles and hard plastic bottom.

No. 10S-14	Small bag with hard plastic	
	bottom 14" x 10 x 7"	Wt. 4.0 lb.
No. 10S-24	Large bag hard plastic	
	bottom 24" x 12" x 7"	Wt. 5.75 lb.

## **TOOL BUCKETS, HARNESS AND TOOL BAGS**





- · Bashlin tool buckets are made of the highest quality materials for long life.
- · Available in canvas or coated polyester and feature leather or plastic bottoms.
- . Inside pockets are standard on the 23 series buckets.
- 'LS' series buckets have no snaps.
- · Add "C" for coated bags.

### **LEATHER BOTTOM:**

No. 18	8" x 12"	Wt. 1.5 lb.
No. 18LS	8" x 12" - no snap	Wt. 1.25 lb.
No. 23	12" x 16"	Wt. 3.75 lb.
No. 23LS	12" x 16" - no snap	Wt. 3.5 lb.

### **PLASTIC BOTTOM:**

No. 18P	8" x 12"	Wt. 1.5 lb.
No. 18P-0	8" x 12", orange	Wt. 1.5 lb.
No. 18LSP	8" x 12" - no snap	Wt. 1.25 lb.
No. 23P	12" x 16"	Wt. 3.75 lb.
No. 23LSP	12" x 16" - no snap	Wt. 3.5 lb.







706 (BACK)



706S



706S-BACK

### **700 SERIES: AERIAL BAGS**

- Non-conductive frame to keep the bag open.
- · Reinforced bottom.
- Ten inside pockets for tools.
- 14" x 7" x 10.

No. 706 Tool bag with PVC hooks Wt. 3.0 lb. No. 706S Tool bag with rope and snap Wt. 3.0 lb.





### 717 SPLICER'S TOOL BAG

- Non-conductive frame to keep the bag open.
- · Tool pockets inside and 14 outside pockets.
- · Reinforced bottom.

No. 717 14 1/2" x 7" x 9 1/2" Wt. 3.0 lb.

## **AERIAL TOOL BAGS AND TOOL CARRIERS**



706-20

### 706-20

- 20" deep and has 10 inside pockets.
- · Includes 712 hooks.

No. 706-20

14" x 7" x 20"

Wt. 3.25 lb.



726

### **COMPRESSION TOOL AND CUTTER BAG**

- · Three pocket coated polyester bag.
- · Two pockets are for compression tools, one is for bolt cutters.
- Two PVC hooks are included.

No. 726

12" x 20"

Wt. 3.5 lb.





### **TOOL BUCKET/BAG FOR** "SHOOT ON" CONNECTORS

- · Bashlin manufactures both a tool bucket and a bag for the "shoot on" connectors.
- · Ample storage for the cartridges, the tool, as well as the connectors and wedges.
- Includes 712 hooks for hanging in bucket.
- The bucket includes a snap on the rope.
- · Available in canvas or coated polyester.

No. 721AM No. 722AM No. 723AM

Tool bag (8" x 12", polyester) Wt. 2.0 lb. Tool bucket (8" x 12", polyester) Wt. 2.5 lb. Tool bucket (8" x 12", canvas) Wt. 2.0 lb.



10HB

### **HARNESS BAGS**

· Store and protect your body harness from most mechanical, chemical and UV damage in this high visibility orange canvas bag.

No. 10HB

Harness bag

Wt. 1.0 lb.

### **TOOL BOARDS**

### **TOOL CARRIERS**

Bashlin's tool boards are made of ABS. This light, durable material does not fray or flake and has superior cold weather characteristics. These boards are built and arranged with the worker in mind. They save precious space in the bucket and keep the tools in a handy position.





7

### HAMMER/HAND TOOLS/ BOLTS AND NUTS

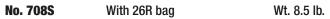
- This is our original tool board. It remains a popular design with many utilities.
- 18" x 20".
- Features a 4 pocket tool holster, knife sheath, tool loops, and leather or canvas nut and bolt bag.

**No. 708** With 25B bag Wt. 6.25 lb. **No. 708L** With 26L bag Wt. 7.0 lb.



### HAND TOOLS/PRUNING SAW/ BOLT CUTTER

- A pruning saw, more tools and cutter can be easily carried on this board.
- The #26R canvas bag has extra reinforcement for extended wear.
- 18" x 20".





### COMPRESSION TOOL/BITS/ HAND TOOLS

- · This board holds a variety of most often used tools.
- Holds speed wrenches, hammers, compression tools, and a light.
- 18" x 20".

**No. 708-2** With 726 and 25B bags Wt. 7.0 lb.



### **HAND TOOLS/DRIVERS**

- This aerial lift tool board complements our popular 708
   Tool Board Series.
- Designed by Niagara Mohawk, it is perfect for aerial lifts that use an impact driver and need a convenient socket holder.
- Carries 6, 1/2" drive sockets on the tool board. It firmly holds the sockets with extra long socket stems that can accommodate all deep well sockets.

**No. 708ID** With 25B Bag Wt. 14.0 lb.

65

## **TOOL BOARD/TOOL TRAY**



708G

### 708G

- Includes spaces for drill bits, drivers, and the Lowell wrench.
- 18" x 20".

No. 708G

Tool board with 26L bag

Wt. 12.0 lb.



### **BLANK TOOL BOARD**

- Blank ABS tool boards allowing you to customize a tool board to suit your needs.
- 18" x 20".

No. 708B

Blank tool board

Wt. 4.0 lb.



724

### **TOOL APRON**

- Made from yellow heavyweight coated nylon.
- It has socket pockets, 2 pockets for auger bits, a hammer loop, and 2 large pockets for bolts, nuts and connectors.
- · 2 PVC hooks are included.
- 23 7/8" x 21 1/4"



727L

### **TOOL TRAY**

- This tool tray features an adjustable mount and smooth molded construction.
- 6" x 14" x 71/2".

No. 727L Tool tray

Wt. 8.0 lb.



### **HOOKS**

 PVC and polymer hooks for hanging bags and tool aprons.

No. 712	PVC-3" buckets PVC	Wt. 0.21 lb.
No. 712-2	PVC-standard buckets	Wt. 0.21 lb.
No. 712-3	PVC-3" lip buckets	Wt. 0.21 lb.
No. 712P	Polymer-standard buckets	Wt. 0.31 lb.
No. 712P-3	Polymer-3" lip buckets	Wt. 0.31 lb.



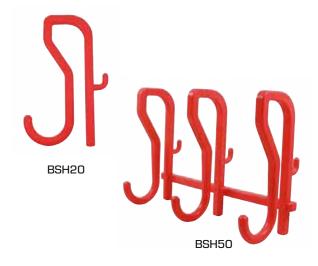
700BK

### **BUCKET KNUCKLE**

- Tool holding and organization bracket designed to suspend and separate tools inside an aerial device.
- Durable UHMW plastic.
- Measures 19 3/4" x 3" x 2 1/2".
- Hang from two standard bucket hooks (not included).
- Made in USA.

No. 700BK Bucket knuckle Wt. 1.5 lb.

## **SAFETY HOOK/BUCKET COVER**



### **SAFETY HOOK**

- Rugged hook with a break strength in excess of 250 lb.
- It will safely replace many hooks formed from #8 copper hanging on line trucks everywhere.

No. BSH20 Double hook Wt. 0.6 lb.
No. BSH50 Single bar with 3 double hooks Wt. 1.5 lb.



### **CHAIN SAW HOLDER**

- This tool holder hangs on the outside of the bucket and will hold cutters, compression tools and/or a chain saw.
- · Made of ABS plastic.
- Durable in all temperature ranges.

No. 731CS Tool holder Wt. 5.0 lb.

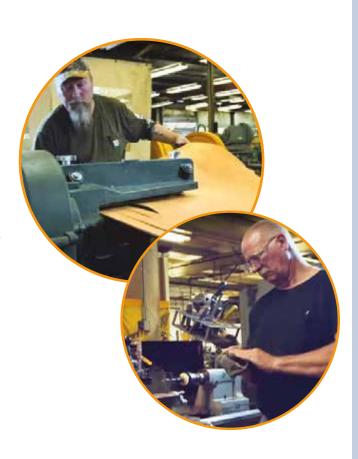


### 745

### REINFORCED BUCKET COVER

- Rugged coated polyester with or without foam insert.
- Designed for 24" x 24" bucket.
- · Rope and snap hook to help secure to bucket.

No. 744 Soft bucket cover Wt. 4.4 lb.
No. 745 Reinforced bucket cover Wt. 6.7 lb.



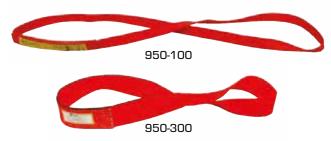
NOTES:
W.M. BASHLIN COMPANY BEGINS OPERATION IN 1926, PROMISING "COMFORT, QUALITY AND SAFETY" FOR THE PROFESSIONAL LINEMAN.
IN 1926, PROMISING "COMFORT, QUALITY



## **SLINGS/POLE SLINGS**

### **NYLON SLINGS**

- Rugged 950 Series orange nylon slings are made for the utility industry and to current ANSI standards.
- Standard length is 3 feet.
- · Other lengths available upon request.



### **ENDLESS SLINGS**

		LOAD RATING LBS.			
	WIDTH	VERTICAL	CHOKER	BASKET	
No. 950-100	1"	3200	2560	6400	
No. 950-100D	1" DT	6200	4960	12400	
No. 950-175	1 3/4"	4000	3200	8000	
No. 950-175D	1 3/4" DT	8800	7040	17600	
No. 950-200	2"	5600	4480	11200	
No. 950-200D	2" DT	12200	9760	24400	
No. 950-300	3"	8000	6400	16000	
No. 950-300D	3" DT	15200	12160	30400	



### **DOUBLE EYE STANDARD**

	LOAD RATING LBS.					
	WIDTH VERTICAL CHOKER BASKET					
No. 951-100	1"	3200	2560	6400		
No. 951-175	1 3/4"	5400	4320	10800		
No. 951-200	2"	6400	5120	12800		
No. 951-300-4	3"	7800	6240	15600		





Contact customer service for abrasion resistance wear pads or custom slings.

### **DOUBLE EYE SINGLE PLY**

	LOAD RATING LBS.				
	WIDTH VERTICAL CHOKER BASKE				
No. 952-100	1"	1600	1280	3200	
No. 952-175	1 3/4"	2800	2240	5600	
No. 952-200	2"	3200	2560	6400	
No. 952-300-4	3"	4200	3360	8400	



953-200

### **RETURN EYE**

		LOAD RATING LBS.				
	WIDTH	VERTICAL CHOKER BASKET				
No. 953-200	2"	5600	4480	11200		
No. 953-350	3 1/2"	7600	6080	15200		

### **GRIP SLINGS**

- · Rubber belting sewn onto the fabric to reduce slippage.
- 1 3/4" nylon slings are available with or without 5000 lb. test 0-Ring.
- The 4" soft eyes have ballistic nylon wear sleeves.



	LOAD RATING LBS.			
	VERTICAL	CHOKER	BASKET	
No. 2011SE-52G				
52" with steel ring	2500	2500	5000	
No. 2011SE-72G				
72" with steel ring	2500	2500	5000	
No. 2012SE-52G				
52" with 2 soft eyes	3300	2640	6600	
No. 2012SE-72G				
72" with 2 soft eyes	3300	2640	6600	

### **POLE SLINGS**

 Pole slings are available with (2011) or without (2012) hardware. The 2011 is designed for easy use with a shotgun stick.



	LOAD RATING LBS.				
	WIDTH	VERTICAL	CHOKER	BASKET	WT.
No. 2011-36	1 3/4"	1000	1000	2000	1.75 lb.
No. 2011-48	1 3/4"	1000	1000	2000	1.75 lb.
No. 2012-36	1 3/4"	3300	2640	6600	0.7 lb.
No. 2012-48	1 3/4"	3300	2640	6600	0.7 lb.

## **ROPE SLINGS/AUGER SLINGS**

### YALE ADJUSTABLE ROPE SLINGS

 Whoopee slings make awkward lifts much easier. They are available in Polyale Plus™ or Yalex™ rope.



		LOAD RATING LBS.			
		<b>VERTICAL</b>	CHOKER	<b>BASKET</b>	
No. 960P	1/2" Polyale Plus™				
	Adj. 28" - 48"	1496	1197	2992	
No. 960Y	5/8" Yalex™				
	Adj. 32" - 60"	3203	2562	6406	
No. 960YL	5/8" Yalex™				
	Adj. 32" - 96"	3203	2562	6406	



- The double leg adjustable rope sling features a center lifter point, with a protective cover and adjustment on both legs.
- Available in either 1/2" Polyale Plus<sup>™</sup> or 5/8" Yalex<sup>™</sup> rope, and is ideal for hanging transformers.

	LOAD RATING LBS.			
		<b>VERTICAL</b>	CHOKER	BASKET
No. 962P	1/2" Polyale Plus™			
	Adj. 30" - 50"	1496	1197	2992
No. 962Y	5/8" Yalex™			
	Adj. 30" - 50"	3203	2562	6406



 For pad mount transformers, we have the four legged sling. Each leg adjusts individually for quick rigging.

		LEG LENGTH	LOAD RATING
No. 965P	1/2" Polyale Plus™	4' - 5'	4550 lb.
No. 965Y	5/8 Yalex™	5' - 7'	12820 lb.
No. 965YL	5/8" Yalex™	6' - 8'	12820 lb.
No. 965V	5/8" Vectrus™	5' - 7'	32010 lb.

### **FIXED LENGTH ROPE SLINGS**

 Rope slings are made from 5/8" Yalex™ rope. The standard length is 3' for the endless, 4' for double eye.



	LOAD RATING LBS.		
	<b>VERTICAL</b>	CHOKER	BASKET
No. 4950-58Y 5/8" endless sling	6188	4950	12376
No. 4951-58Y 5/8" double eve std	. 3640	2912	7280



### **AUGER WIND UPS**

- Strong, light-weight featuring reinforced eyes.
- Standard length is 10' (other lengths are available).

No. 770W	1" x 10' nylon web	Wt. 1.15 lb.
No. 770R	5/8" x 10' Yalex™	Wt. 2.0 lb.
No. 770RDE	1" x 10' double esterion	Wt. 4.0 lb.



962NWTS

## 962NWTS: ADJUSTABLE NYLON TRANSFORMER SLING

- 1,000 lb. load rating.
- Features large rings to fit over the lifting hooks.

No. 962NWTS	Adjustable nylon	
	transformer sling	Wt. 1.6 lb.

# HANDLINES AND SLACK BLOCKS



### **HANDLINES**

- 1/2" Polyale Plus<sup>™</sup> braided rope is the standard rope for all 940 series handlines. It is easily spliced and resists rotation under load.
- Standard 940 includes 500 lb. SWL 35H drop forged alloy steel handline hook, SL6650A steel double locking snaphook, 75' of rope, and premium block.
- 940R comes with a 35H hook, 75' of rope, and steel snaphook.

No. 940

Complete handline
assembly 500 lb. SWL\*

Wt. 8.75 lb.

No. 940R

Rope only with 35H hook
and snaphook - 500lb. SWL\*

Wt. 6.75 lb.

No. 940HD10

Aluminum hook and aluminum
snaphook - 1000 lb. SWL\*

Wt. 9.0 lb.

\*SWL - Safe Working Load.







### **SLACK BLOCK ASSEMBLY**

- Slack blocks come with 30' of 3/8" Polyale Plus™ or polyester twist rope.
- "H" series features extended hooks.
- The maximum safe working load is 750 lb. SWL\*

No. 945	Polyale Plus™	Wt. 4.25 lb.
No. 945H	Polyale Plus™ with	
	extended hooks	Wt. 4.25 lb.
No. 945T	Poly-Twist	Wt. 4.25 lb.
No. 945HT	Poly-Twist with	
	extended hooks	Wt. 4.25 lb.



### **PARTS FOR HANDLINES**

No. 33	Handline carrier	Wt. 0.1 lb.
No. 33L	Locking handline carrier	Wt. 0.1 lb.
No. 35H	Handline hook - 500 lb. SWL*	Wt. 0.75 lb.
No. 35GP	Double hook - 100lb. SWL*	Wt. 0.6 lb.
No. DNHLH5	Aluminum hook -1000 lb. SWL'	Wt. 0.7 lb.
No. 3550	Handline block	Wt. 2.0 lb.

\*SWL - Safe Working Load.

## WINCH LINES/PULLING LINES



#### **WINCH LINES**

Bashlin will fabricate replacement winch lines for your material handling and digger trucks. Our splicers are certified by Yale Cordage annually and can manufacture to your specifications. Call us for pricing and delivery.

Ask about our winch line maintenance program.



#### **DOUBLE ESTERLON WINCH LINES**

- Yale Double Esterion is low stretch, high strength rope with excellent dielectric properties.
- Maxijacket coating on the end provides abrasion resistance where you need it.
- · Color coded coatings can make it easy to determine when it is time to replace your lines.
- 1/2" and 1" Double Esterlon available.

No. 750DE12W08 1/2" Double Esterlon winchline with 8' of Maxijacket coating. Average breaking strength 10,500 - 2,625 lb. working load (4/1) 8.1 lb. per 100'

No. 750DE10W08 1" Double Esterlon Winchline with 8' of Maxijacket coating. Average breaking strength 44,000 - 11,000 lb. working load (4/1) 35.2 lb. per 100'



#### **MAXIBRAID PLUS WINCH LINES**

- Maxibraid Plus<sup>™</sup> is a double braided rope constructed of an inner load bearing core of UHMPE that is very strong with very little stretch. UHMPE has the highest strength to weight ratio of any high modulus fiber.
- The core is coated with Maxiiacket<sup>™</sup> coating then a polyester jacket is overbraided for a long wearing extra strong line.

No. 750MP12W0 1/2" Maxibraid Plus™ winchline with Maxijacket<sup>™</sup> coating. Average breaking strength 20,000 - 4,000 lb. working load (5/1) 7.3 lb. per 100'.

No. 750MP78W0

7/8" Maxibraid Plus™ winchline with Maxijacket<sup>™</sup> coating. Average breaking strength 50,000 - 10,000 lb. working load (5/1) 23.2 lb. per 100'.

We can repair your worn and damaged lines when possible.



#### **PULLING LINES INCLUDING PILOT LINES AND SPIDER LINES**

- We recommend Yalex<sup>™</sup> for all your stringing applications. Yalex™ is a single braid 12 strand polyester rope coated with Maxijacket<sup>™</sup> for abrasion resistance. It is easy to splice, and is the strongest Yale polvester product.
- · Call for part number, pricing and delivery.



### **PULLING GRIPS AND HOISTS**





#### **KLEIN PARALLEL JAW GRIPS**

 The Klein parallel jaw grips have longer jaws for less slippage and conductor damage.

	MIN. Cable	MAX. CABLE	SAFELOAD	WT.
No. 1686-10	.20	.40	10,000 lb.	5.0 lb.
No. 1686-20	.20	.40	10,000 lb.	5.0 lb.
No. 1671-10	.37	.75	10,000 lb.	5.0 lb.
No. 1672-10	.37	.75	10,000 lb.	5.0 lb.
No. 1685-20	.157	.844	4,500 lb.	3.0 lb.
No. 1685-31	.625	1.25	6,600 lb.	5.0 lb.



#### **LITTLE MULE GRIPS**

 These parallel jaw grips resist jamming and will release instantly. The design reduces cable damage.

#### **STANDARD GRIPS:**

	MIN. CABLE	MAX. CABLE	SAFELOAD	JAWS	WT.
No. LMG1000	.04	.394	1,000 lb.	Serrated	0.5 lb.
No. LMG2000	.109	.594	2,000 lb.	Serrated	1.0 lb.
No. LMG4500	.18	.60	5,000 lb.	Serrated	3.75 lb.
No. LMG4600	.30	.80	10,000 lb.	Serrated	6.50 lb.
No. LMG4800	.70	1.25	12,000 lb.	Serrated	9.0 lb.

#### **HOT LINE GRIPS:**

		MAX. CABLE	SAFELOAD	JAWS	WT.
No. LMG4501	.18	.60	5,000 lb.	Serrated	4.0 lb.
No. LMG4601	.30	.80	10,000 lb.	Serrated	7.0 lb.
No. LMG4801	.70	1.25	12,000 lb.	Serrated	9.0 lb.



300A

#### **LITTLE MULE STRAP HOIST**

 The 300 Series hoists are designed for line work. They are light, easy to handle, and rugged. All of the working parts are exposed for easy field repair.

	SINGLE	SINGLE	DOUBLE	<b>DOUBLE</b>	
	LINE	LINE LIFT	LINE	LINE	
	CAPACITY	LENGTH	CAPACITY	LENGTH	WT.
No. 300A	1,500 lb.	9'	3,000 lb.	4.5'	10.5 lb.
No. 300DA	1,500 lb.	9'	3,000 lb.	4.5'	11.0 lb.



#### **CM TORNADO CHAIN HOIST**

· Racheting chain hoist with swivel hooks.

	SINGLE LINE CAPACITY	SINGLE LINE LIFT LENGTH	WT.
	CAPACITY	LENGIA	VV I.
No. PA2000	3,000 lb.	5	21.1 lb.



#### 903LT: LIF-T

- · Great for pad mount transformers.
- 5/8" grade 8 construction with handle.
- · Orange corrosion resistant powder coating.
- · Sold as a pair.
- 1,000 lb. capacity.

No. 903LT: LIF-T Lifting T

Wt. 0.5 lb.

# CROSS ARM IRON, PAY-OUT REELS AND GROUND ROD DRIVERS



#### **PAY-OUT REELS**

- Fully adjustable, all purpose device for use on trucks or as a portable pay-out reel.
- · Works on many different coil sizes.
- Standard grease fitting provides full lubrication.
- · Adjustable brake maintains line tension.
- 900-900X coil capacity.
- Diameter: 14" (minimum) 32" (maximum)
- Width: 6" (minimum) 11" (maximum)

	HEIGHT	WIDTH	DEPTH	WT.	SHIP WT.
No. 900	40"	37"	19"	145 lb.	175.0 lb.
No. 900S	35"	32"	19"	95 lb.	120.0 lb.
No. 900X	45"	37"	19"	165 lb.	180.0 lb.



#### **CROSS ARM IRON**

 Here is an easier way to rig for lifting a transformer (901LF), or sagging a line (901TI). These versatile anchors can be placed in position with a hot stick even if pre-rigged. The load rating is 500 lb.

No. 901LF	Cross arm iron	Wt. 3.5 lb.
No. 901TI	Cross arm iron II	Wt. 3.5 lb.



902

#### **WIRE BASKET**

- Lightweight, compact wire dispenser that will accommodate reels up to 26" x 4 1/4".
- Features a hanger for easy mounting on a truck and an eyelet for temporary pole attachment.

No. 902	Wire basket	Wt. 11.0 lb
No. 902-30	30" wire basket	Wt. 12.0 lb



#### **GROUND ROD DRIVER**

- Designed to ease the chore of driving ground rods.
- · Compact, safe, easy to handle and store.
- Enables a workman to drive an 8' rod while standing on the ground.
- The 930UT features hand guards.
- 1/2", 5/8" and 3/4" ground rods.

No. 930	Ground rod driver	Wt. 20.0 lb.
No. 930UT	Ground rod driver	
	with hand guard	Wt. 24.0 lb.

# CUTTERS AND URD DISCONNECT TOOL

Porter ratchet cutters use the combination ratchet and chain for smooth, progressive cuts. The handles are insulated and factory tested. Parts are available for field repairs.



#### 8690FH

 A 29 1/4" cutter for shearing cuts on ACSR and common steel.

No. 8690FH

13/16" jaw opening

Wt. 12.25 lb.



## CUTTERS WITH FIBERGLASS HANDLES

. Handles are tested to 100kv per foot.

No. BC18F 18" length, 3/8" capacity Wt. 4.5 lb. No. BC24F 24" length, 7/16" capacity Wt. 4.5 lb.



#### 8690CK

 A rugged 28", extra-duty cutter for EHS guy strand. The jaws hold the wire for square, clean cuts.

No. 8690CK

7/16" jaw opening

Wt. 11.0 lb.





RJL196/RCP

#### **URD DISCONNECT TOOL**

- Original LeVesque URD disconnect featuring three jaw operation and a pusher rod for smooth disconnects. It is done with a minimum of strain and chafing on the semi-conductor. It tests at 100 kV per foot.
- The standard length is 5'. Other lengths are available on request.

 No. RJL1967RCP
 Tool
 Wt. 10.5 lb.

 No. 1967B
 Carrying case
 Wt. 1.25 lb.

# SWITCH STICKS AND SHOTGUN STICKS

#### **HASTINGS HOT STICKS**

 Recognizable by their bright yellow color, they are the finest insulated tools available to the professional lineman.



## FIXED LENGTH UNIVERSAL HEAD SWITCH STICKS

- These fixed length sticks have a universal head for use with most hot stick accessories.
- Stick Hanger is included.

No. 567-6	6' length	Wt. 1.4 lb.
No. 567-8	8' length	Wt. 2.6 lb.
No. 567-10	10' length	Wt. 3.3 lb.
No. 567-12	12' length	Wt. 4.0 lb.

#### **TELESCOPING SWITCH STICKS**

- Hastings Tel-0-Pole sticks feature the easy to hold sure lock triangle shape
- Fluorescent green tip section with foam core



#### **STANDARD DUTY TEL-O-POLE II**

The "No Twist" stick.

	EXTENDED LENGTH	RETRACTED LENGTH	WT.
No. HV208	8'	26"	3.0 lb.
No. HV212	! 12' - 7"	58"	3.7 lb.
No. HV225	25' - 6"	64"	8.1 lb.
No. HV230	30'	66"	10.0 lb.
No. HV235	35'	68"	12.1 lb.



#### **SHOTGUN STICKS**

 Shotgun sticks with eternal operating rods, hanger hook, and end caps.

No. 1901-6	6' - 6" length	Wt. 4.5 lb.
No. 1901-10	10' - 6" length	Wt. 7.2 lb.



#### **HEAVY DUTY TEL-O-POLE**

	EXTENDED LENGTH	RETRACTED LENGTH	WT.
No. SH216	9' - 13' - 17'	58 1/8"	4.8 lb.
No. SH200	13' - 17.5' - 21.5'	60" 6	.57 lb.
No. SH230	13'-17.5'-21.5'-26'-30	)' 63 3/8" 1	0.3 lb.



## **ELECTRICIAN'S/INSTALLERS HOLSTERS, AND BELTS**

#### **HOLSTERS**

Bashlin holsters put your tools where you want them, within easy reach. They are designed with the worker in mind and made with only the highest quality leathers and the finest craftsmanship.

These holsters are not for use on linemen's tool belts.





**111YS** 

Sturdy holster with a harness leather back.

9 1/4" x 10 1/2" No. 111YS Wt. 1.25 lb. **No. 111YSX** Wt. 1.25 lb. 9 1/4" x 10 1/2" - black



Built from select leathers and is made to last.

No. 111JBS 8 1/2" x 9" x 4" Wt. 1.25 lb. No. 111JBSX 8 1/2" x 9" x 4" - black Wt. 1.25 lb.





#### **111JLMS**

• If you are carrying a lot of tools, this may be the holster you need. It is our largest multipurpose holster.

No. 111JLMS 12" x 9" x 4 3/4" Wt. 2.0 lb. No. 111JLMSX 12" x 9" x 4 3/4" - black Wt. 2.0 lb.





112HLS

112HLSX

#### **112HLS**

· Harness leather backed groundman's holster for pliers, rule, screwdriver, and Channellock®.

**No. 112HLS** 7 1/2" x 12" Wt. 1.0 lb. No. 112HLSX 7 1/2" x 12" - black Wt. 1.0 lb.





**112CIL** 

· Large cable installer with extra pockets.

No. 112CIL 8" x 12" Wt. 1.0 lb. No. 112CILX 8" x 12" - black Wt. 1.0 lb.



#### **ELECTRICIAN'S BELTS**

- · Add "X" to part number for black.
- · Specify a size.

No. 625	1 3/4" russet leather	
	utility belt	Wt. 1.0 lb.
No. 628	1 3/4" electrician's belt will	
	carry a hammer, tape, and a	
	knife with the holster	Wt. 1.0 lb.
No. 630	Heavy duty 2" belt with a	
	double tongue buckle.	Wt. 1.25 lb.



### **LINEMEN'S RUBBER GLOVES**

High quality, natural rubber type I gloves have textured inside surface, "curved hand" comfort and flexibility.

## WHEN PURCHASING LINEMEN'S GLOVES, PLEASE CONSIDER:



#### STYLE:

 Available in standard, bell cuff, one finger mittens and special order glove.



#### **GLOVE LENGTH:**

- CLASS 00, 0: 10 1/2", 14"
- CLASS 3: 16", 18"
- CLASS 1, 2: 14", 16", 18"
- CLASS 4: 18"



#### **COLORS:**

 Manufactured in solid colors or two contrasting colors for easier inspection. The lighter color is inside and the black is on the outside. Two color gloves are normally Class 1 and higher.



#### SIZE:

 Sized according to the circumference of the hand below the base of the fingers, on a line parallel to the base of the finger crotches, passing through the thumb crotch. Add 1" to the measurement for the proper size.

#### **VOLTAGE RATING:**

CLASS	LABEL COLOR	MAXIMUM USAGE	AC TEST VOLTAGE
00	Beige	500v	2,500v
0	Red	1,000v	5,000v
1	White	7,500v	10,000v
2	Yellow	17,500v	20,000v
3	Green	26,500v	30,000v
4	Orange	36,000v	40,000v

## **Q** DID YOU KNOW?

OUR GLOVES ARE 100% TESTED FOR VISUAL FLAWS AND IMPERFECTIONS, AND ARE ELECTRICALLY TESTED PER ASTM STANDARDS. IF REQUESTED, IN SERVICE DATING CAN BE MARKED ON THE GLOVES. CERTIFIED THIRD PARTY TESTING BY A NAIL CERTIFIED LAB IS AVAILABLE ON REQUEST.

#### **ORDER NUMBER/SPECIFICATIONS:**

	MAX. USAGE	CLASS	AC TEST VOLTAGE	COLOR	SIZE
No. 1100Y	500v	00	2,500	Yellow	10 1/2"
No. 110Y	1,000v	0	5,000	Yellow	10 1/2"
No. 140Y	1,000v	0	5,000	Yellow	14"
No. 14-10B	7,500v	1	10,000	Black	14"
No. 14-20B	17,000v	2	20,000	Black	14"
No. 16-20B	17,000v	2	20,000	Black	16"
No. 18-20B	17,000v	2	20,000	Black	18"
No. 14-20YB	17,000v	2	20,000	Yellow/Black	14"
No. 16-20YB	17,000v	2	20,000	Yellow/Black	16"
No. 18-20YB	17,000v	2	20,000	Yellow/Black	18"
No. 16-30YB	26,500v	3	30,000	Yellow/Black	16"
No. 18-30YB	26,500v	3	30,000	Yellow/Black	18"
No. 18-40B	36,000v	4	40,000	Black	18"
No. 18-40YB	36,000v	4	40,000	Black	18"

## LEATHER PROTECTOR GLOVES AND LINERS





#### **KUNZ LEATHER PROTECTOR GLOVES**

 Bashlin offers the Kunz protectors for primary (high voltage) and secondary (low voltage) linemen's gloves.

910/999

 Made in the U.S.A. Bashlin offers the following protectors:

1200

- 1050 Series: cream cowhide (primary)
- 1057 Series: bucktan cowhide (primary)
- 1200 Series: goatskin (primary)
- 999 Series: goatskin (secondary)
- 910 Series: goatskin (class 00)
- Made from 2.75 to 3.5 oz soft and pliable leather. The cowhide is popular and long wearing. The goatskin offers the best dexterity.
- Protectors for one finger mittens and bell cuff gloves are also available. Contact customer service for ordering information.
- Order by rubber glove size. Bashlin offers whole sizes only. Round half sizes up to the next whole size for proper fit. For 40KV gloves, add 1 full size for proper fit.

#### **FOR EXAMPLE:**

Linemen's glove size  $9 \frac{1}{2}$  = protector size 10Linemen's glove size 10 = protector size 10

#### **ORDER NUMBER/SPECIFICATIONS:**

	USAGE/ VOLTAGE	0.A.L. LENGTH/STYLE	MATERIAL	WT.
No. 910	Low	8" with strap	Goatskin	0.4 lb.
No. 999S	Low	9" with strap	Goatskin	0.4 lb.
No. 999	Low	9"	Goatskin	0.4 lb.
No. 1050-3	High	12"	Cream Cowhide	0.6 lb.
No. 1200-3	High	12"	Goatskin	0.6 lb.
No. 1057-3	High	12"	<b>Buck Tan Cowhide</b>	0.6 lb.
No. 1050-3BC	High	12" Bell Cuff	Cream Cowhide	0.6 lb.
No. 1200-3BC	High	12" Bell Cuff	Goatskin	0.6 lb.
No. 1057-3BC	High	12" Bell Cuff	<b>Buck Tan Cowhide</b>	0.6 lb.
No. 1050-5	High	14"	Cream Cowhide	0.7 lb.
No. 1200-5	High	14"	Goatskin	0.7 lb.
No. 1057-5	High	14"	<b>Buck Tan Cowhide</b>	0.7 lb.
No. 1050-3-1F	High	12" Mitten	Cream Cowhide	0.6 lb.
No. 1050-3-1FE	<b>3C</b> High 1:	2" Mitten/Bell Cu	ff Cream Cowhide	0.7 lb.







580M

581K

#### **RUBBER GLOVE LINERS**

 Glove liners warm the hand in winter and absorb summer perspiration. One size fits all.

No. 580M	Mitten liner	Wt. 0.1 lb.
No. 581K	Liner with knit cuff	Wt. 0.1 lb.



**WARNING:** Users are responsible for specifying the correct protector length. For minimum distance requirements between the glove gauntlet and protector cuff, see ASTM F496 Table 4. Failure to maintain the proper distance between the gauntlet and cuff may cause accidental injury or death.

# RUBBER SLEEVES, CLIMBER GUARDS, AND CLEANERS



**RUBBER SLEEVE** 

## SALISBURY LINEMEN'S RUBBER SLEEVES

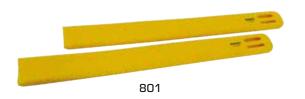
- · Flexible curved arm sleeves.
- · Bashlin offers black and yellow/black sleeves.

		TEST		
	CLASS	VOLTAGE	COLOR	LENGTH
No. SLR-10Y	1	10,000v	Yellow	26 1/2"
No. SLL-10Y	1	10,000v	Yellow	28"
No. SLXL-10Y	1	10,000v	Yellow	29 1/2"
No. SLR-20B	2	20,000v	Black	26 1/2"
No. SLL-20B	2	20,000v	Black	28"
No. SLXL-20B	2	20,000v	Black	29 1/2"
No. SLR-20YB	2	20,000v	Yellow/Black	26 1/2"
No. SLL-20YB	2	20,000v	Yellow/Black	28"
No. SLXL-20YB	2	20,000v	Yellow/Black	29 1/2"
No. SLR-30Y	3	30,000v	Yellow	26 1/2"
No. SLL-30Y	3	30,000v	Yellow	28"
No. SLXL-30Y	3	30,000v	Yellow	29 1/2"

Sleeve Sizing: Measure the distance from the top of the shoulders (between the base of the neck and the shoulder bone) to the wrist bone.



Yellow and red sleeves are available upon request. Contact us for complete information.



#### **801 CLIMBER GUARD**

- Manufactured by the dipping process using the same formulation of rubber as our lineman's insulating gloves and sleeves.
- Furnished un-slit to accommodate any length, regular or adjustable climbers.
- Sold in pairs.







SS2

**SLEEVE ACCESSORIES** 

No. SH1	Harness (1 required)	Wt25 lb.
No. SS2	Straps (1 pair required)	Wt20 lb.
No. SF4	Screw type fasteners	
	(4 in package)	Wt10 lb.



805S

#### **GLOVE DUST**

 Bashlin's glove dust lubricates while it absorbs moisture and perspiration. It will not damage natural rubber gloves.

No. 805-4	Glove Dust (4 - 1 quart)	Wt. 5.5 lb.
No. 805S	Dust filled shaker only (6 oz.)	Wt. 1.0 lb.

No. 801

Climber guard

Wt. 1.0 lb.

## GROUNDING EQUIPMENT AND POLE BAND



719

#### **POLE BAND**

- This is a quick and easy way of marking and tagging lines during storms and routine switching. The band is easy to spot and holds a card in a weather resistant pouch with all of the necessary information.
- Secures to pole using Hook-N-Loop.

**No. 719** "WORKER ON LINE" pole band Wt. 2.0 lb. **No. 719-CAUTION** "CAUTION" pole band Wt. 2.0 lb.





#### **GROUNDING EQUIPMENT**

Contact Bashlin for your grounding needs. We offer 2/0 cable and a variety of standard clamps. In addition we can help you select the correct equipment for your particular requirements.

Please provide the following information and we will quote a price:

- · Location/apparatus to ground
- · Clamp design and size
- · Cable length
- · System fault current



930T

#### TRUCK GROUND

- This device will provide a quick, temporary ground when one is needed.
- A 5' rod is threaded into a ground rod driver.
- The driver can then be used to drive and remove the temporary ground.
- This device works in most rocky or frozen soil.
- The cable and clamps are not included.

No. 930T 5/8" threaded driver only Wt. 19.0 lb.
No. 930TG Threaded driver with a 5' rod Wt. 23.0 lb.

# LINEMEN'S BLANKETS, PVC SHEETING



LB127/LB136

#### **LINEMEN'S BLANKETS**

- These linemen's blankets are available in Type I natural rubber and Type II ozone resistant synthetic material.
- They meet or exceed all current ASTM specifications.

	TYPE	SIZE	COLOR	RATING	WT.
No. LB127	I	27" x 36"	Black	20,000v	6.25 lb.
No. LB136	I	36" x 36"	Black	20,000v	8.5 lb.
No. LBS127	II	27" x 36"	Orange	40,000v	6.25 lb.
No. LBS136	II	36" x 36"	Orange	40,000v	8.5 lb.

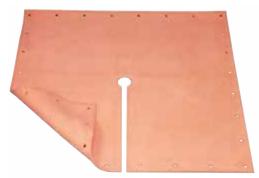


LBSV118

#### ZIP-ON BLANKETS

 These Type II blankets use Hook-N-Loop fasteners for easy application. They are ideal for cross arm braces and primary elbows.

	SIZE	COLOR	RATING	WT.
No. LBSV118	18" x 36"	Orange	40,000v	1.75 lb.
No. LBSV127	27" x 36"	Orange	40,000v	8.5 lb.



LBS136SL

#### **SLOTTED LINEMEN'S BLANKET**

 These Type II blankets are available with 2" or 4 1/2" center holes.

	CTR. HOL	E SIZE	COLOR	RATING	WT.
No. LBS136SL	2"	36" x 36"	Orange	40,000v	8.0 lb.
No. LBS136SL-	4 4 1/2"	36" x 36"	Orange	40,000v	8.0 lb.



PVC136-50

#### **PVC INSULATING SHEETING**

- Designed for one use only. This is an excellent alternative to standard linemen's blankets for low voltage applications.
- Tested to 10kV and meets all of the appropriate ASTM standards.

No. PVC136-50	Sheeting - 48" x 50" roll	Wt. 61.0 lb.
No. PVC136FB	Fiber storage box	Wt. 19.0 lb.
No. PVC136-30	36" x 30' roll	Wt. 50.0 lb.

## BLANKET CLAMPS, RESCUE STICK AND DIELECTRIC MATTING



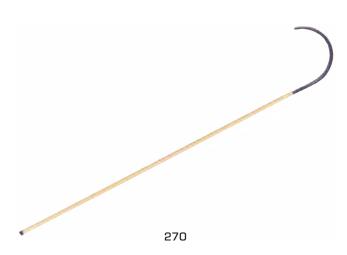
LBC160



#### **CLAMPS**

· Clamps reduce mechanical wear on blankets.

No. LBC160	8" wood clamp	Wt. 0.5 lb.
No. LBCP160	9 1/2" nylon clamp	Wt. 0.5 lb.



#### **RESCUE STICK**

 This hot stick has a large radius hook. Designed to remove injured workers from electrical contact, it is tested to 100kV per foot and is 1 1/4" in diameter.

No. 270	Rescue hook - 6' long	Wt. 4.0 lb.
No. 270B	Protective bag	Wt. 1.5 lb.



#### **700TF - THE FINGER**

- The Finger is a safe and convenient way to lubricate your hoses. Simply clip can of silicone spray into the metal clips. When you pull your hose over "The Finger," the hose is spread, and the spray is directed into the inner skirt of the hose.
- The Finger can be mounted in your vise, fixed to the tailboard of your truck or permanently mounted inside the bin door.

No. 700TF The Finger Wt. 0.2 lb.



DIELECTRIC MATTING

#### **DIELECTRIC MATTING**

- This grooved matting is made for use around high voltage electric apparatus.
- It meets or exceeds the ASTM specifications.
- Type I matting, available in 20kV to 50kV rating.
- The standard widths range from 24" to 48".

PART NO. THICKNESS	570 3/16"	571 1/4"	572 3/8"	573 1/2"
WIDTH	20KV	30KV	40KV	50KV
24"	2.6 lb./ft.	3.4 lb./ft.	5.5 lb./ft.	7.6 lb./ft.
36"	3.8 lb./ft.	5.1 lb./ft.	8.1 lb./ft.	11.3 lb./ft.
48"	5.2 lb./ft.	6.8 lb./ft.	11.0 lb./ft.	15.2 lb./ft.
FEET/ROLL	75/150	75/150	80	60

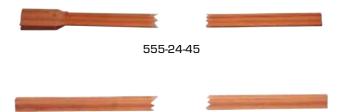


**IMPORTANT ORDERING INFORMATION:** The matting is sold in approximate lengths. This is due to the manufacturing process. There are additional charges for exact lengths, one piece rolls, or lengths less than a full roll. See the price list and contact customer service for complete information.

# INSULATING LINE HOSE, CONNECTORS, COVERS

#### **LINE HOSE**

 Bashlin offers Type II ozone resistant line hose in straight or connector end design. This conventional line hose is available in 4 1/2' and 6' lengths.



550-25-45

#### **STRAIGHT LINE HOSE:**

	SIZE	CLASS	WT.
No. 550-25-45	1 1/4" x 4 1/2'	2	5.75 lb.
No. 550-25-6	1 1/4" x 6'	2	6.0 lb.
No. 550-50-45	1 1/2" x 4 1/2'	3	7.0 lb.
No. 550-50-6	1 1/2" x 6'	3	7.0 lb.



560-2

#### **INSULATOR COVERS**

 Salisbury Type II Insulator Covers for conventional line hose are available in 1", 1 1/4", and 1 1/2" diameters.

	INSULATOR TYPE	LINE HOSE DIAMETER	CLASS	WT.
No. 560-2	55-4	1"	2	7.0 lb.
No. 560-3	55-5	1 1/4" - 1 1/2"	3	8.0 lb.

#### **CONNECTOR END LINE HOSE:**

	SIZE	CLASS	WT.
No. 555-25-45	1 1/4" x 4 1/2'	2	7.0 lb.
No. 555-25-6	1 1/4" x 6'	2	7.25 lb.
No. 555-50-45	1 1/2" x 4 1/2'	3	8.0 lb.
No. 555-50-6	1 1/2" x 6'	3	10.75 lb.



#### **LINE HOSE CONNECTORS:**

	SIZE	CLASS	WT.
No. 550-25C	1 1/4" x 12"	2	3.25 lb.
No. 550-50C	1 1/2" x 12"	3	3.0 lb.





2464

2464

#### **POLE GUARDS**

- Made of high impact grade ABS plastic, the natural spring action holds this temporary insulation in place.
- Maximum use voltage should not exceed 26kV to ground, 44kV phase to phase, and limited to "brush" contact.

No. 2464	12" diagonal x 4' long	Wt. 15.0 lb.
No. 2466	12" diagonal x 6' long	Wt. 22.0 lb.
No. 216	Pole guard bag 12" x 78"	Wt. 4.0 lb.

### **TRAVELING GROUNDS**

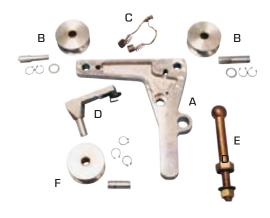
The Bashlin 1590C and 336A traveling grounds reduce the possibility of electric shock due to accidental contact with energized conductors during stringing operations.

They are heavy duty units designed for conductors measuring up to and including 336MCM and 1590MCM respectively.



336A

No. 336A Traveling ground Wt. 3.0 lb.



#### **336A REPLACEMENT PARTS**

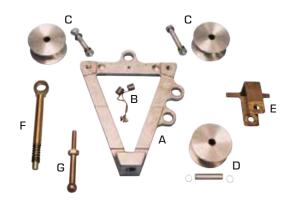
- · This unit is designed for field repairs.
- The replacement parts are packaged to allow complete, easy replacement.

No. 336A-1	(A) Frame	Wt. 0.6 lb.
No. 336A-2	(B) Frame sheaves (2) with axle	9
	bolts, washers, and snap rings	Wt. 0.6 lb.
No. 336A-3	(C) Brush set (2 pc.) with spring	gs
	and screws	Wt. 0.1 lb.
No. 336A-4	(D) Tension arm assembly, incli	uding
	spring, axle, snap ring, and was	her
	(sheave is not included)	Wt. 0.7 lb.
No. 336A-5	(E) Ground stud (only)	Wt75 lb.
No. 336A-6	(F) Tension arm sheave with ax	le
	bolt, washer, and snap rings	Wt. 0.4 lb.
No. 336A-8	Carrying case (not pictured)	Wt. 0.4 lb.



#### 1590C

No. 1590C Traveling ground Wt. 12.0 lb.



#### **1590C REPLACEMENT PARTS**

- · This unit is designed for field repairs.
- The replacement parts are packaged to allow complete, easy replacement.

(A) Frame with heli-coil	Wt. 3.75 lb.
(B) Brush set (2 pc.) with spring	gs
and screws	Wt. 0.2 lb.
(C) Frame sheaves (2 pc.) with	axle,
washers, and snap rings	Wt. 1.5 lb.
(D) Yoke sheave (1 pc.) with ax	le,
washers, and snap rings	Wt. 0.7 lb.
(E) Yoke (only)	Wt. 1.5 lb.
(F) Eyebolt assembly with sprir	ng, snap
ring, and thrust washer	Wt. 1.5 lb.
(G) Ground stud (1)	Wt75 lb.
Carrying case (not pictured)	Wt. 0.5 lb.
	(B) Brush set (2 pc.) with spring and screws (C) Frame sheaves (2 pc.) with washers, and snap rings (D) Yoke sheave (1 pc.) with ax washers, and snap rings (E) Yoke (only) (F) Eyebolt assembly with spring, and thrust washer (G) Ground stud (1)



WARNING: Test results have demonstrated the 336A meets the short circuit requirements to be rated Grade 3 per ASTM F885 requirements.

Test results have demonstrated the 1590C meets the short circuit requirements to be rated Grade 5 per ASTM F885 requirements.

Do not use these units unless the rating falls within the energy for the system on which the ground is used.

NOTES:



### **KUNZ WORK GLOVES**

Bashlin offers quality Kunz all leather work gloves. These gloves have been made in the USA since 1900. The Kunz glove features durable wear qualities and outstanding comfort. They are the choice, along with Bashlin products, for the professional lineworker.



#### **DRIVER'S GLOVE**

- Developed as a quality alternative to the imported canvas-leather gloves used in light work and by machine operators.
- A major utility found that even with a higher initial cost, the wear qualities of the 956 made it an economical alternative to less expensive products.
- Specify size.

No. 556 Cowhide driver's glove 4" cuff Wt. 0.5 lb. No. 956 Cowhide driver's work glove Wt. 0.5 lb. No. 956E Buckskin driver's work glove Wt. 0.5 lb.



#### **FOREMAN'S GLOVE**

- · Bashlin stocks a medium duty foreman's glove for lighter applications. They are available in buckskin and include the "davy" tips for seam protection on the fingers.
- · Specify size.

No. 390 Foreman's glove Wt. 0.6 lb. No. 400 Foreman's glove with gauntlet Wt. 0.7 lb.



#### **HEAVY DUTY WORK GLOVES**

- The Kunz work glove features reinforced thumb straps and outside seams with tip protectors.
- · Specify size.

No. 148	Medium buckskin	Wt. 1.0 lb.
No. 150	Heavy buckskin	Wt. 1.0 lb.
No. 120	Heavy top grain cowhide	Wt. 1.0 lb.



- . Kunz trainer gloves are designed to protect the arms of the beginning climber.
- The 8" cuffs are made of heavy split cowhide, with a cotton backing, and cover most linemen nearly to the elbow reducing the chance of injury.
- · Specify size.

No. 145 Training glove (please state numerical whole hand size) Wt. 0.7 lb.



## EDWARDS GLOVES, KNEE PADS



B813

#### **LINEMEN'S PROTECTOR GLOVES**

- Edwards gloves are an economical choice for your leather protector needs. These cowhide gloves meet ASTM requirements.
- · Specify size.

No. B813	12" cowhide primary protector	Wt. 0.4 lb.
No. B814	13" cowhide primary protector	Wt. 0.4 lb.
No. B815	14" cowhide primary protector	Wt. 0.4 lb.



#### **DRIVER'S GLOVES**

- Edwards cowhide work gloves provide good value for the dollar.
- · Sold by the dozen.
- · Specify size.

No. 602A	Leather driver's glove	Wt. 3.5 lb.
No. 602AT	Insulated driver's glove	Wt. 3.7 lb.
No. 500K	Canvas back glove	Wt. 3.4 lb.



B609

- Low voltage goatskin protectors are available with or without a pull strap.
- · Specify size.

No. B609	10" goatskin protector	Wt. 0.3 lb.
No. B639	10" goatskin protector	Wt. 0.3 lb.



#### SIZE:

 Sized according to the circumference of the hand below the base of the fingers, on a line parallel to the base of the finger crotches, passing through the thumb crotch. Add 1" to the measurement for the proper size.



#### **KNEE PADS**

 This is the original "Knee-Pro" protector. It features 1/2" foam pads, a thick plastic shell, and non-skid grips for extra comfort.

**No. 815** Knee pads Wt. 1.0 lb.

#### **PLEASE PROVIDE GLOVE SIZE.**

**SMALL:** 8 - 8 1/2 **MEDIUM:** 9 - 9 1/2 **LARGE:** 10 - 10 1/2 **X-LARGE:** 11 - 11 1/2

## **RODEO, TRAINING PRODUCTS**

Bashlin offers the official training products used at the National Linemen's Rodeo. We have been a proud sponsor and supporter of this event since 1987.





57A

#### **POLE TOP RESCUE STRAP**

- . This unit helps the lineworker truly simulate cutting a victim down from a pole without destroying perfectly good equipment.
- It holds a rescue dummy in place so the rescue can be performed. Note: One set of 57A inserts are included with this unit. Additional inserts must be purchased separately.

No. 57N Rescue strap assembly. Two short

snap/buckle sections, one double buckle section to go around

the pole, and two inserts Wt. 6.0 lb.

No. 57A Replacement insert. One insert is 12" long with 4 holes, so it can be

WARNING: The 57N is only for holding

a mannequin or weight in position. It is not for personnel support.

cut up to 3 times Wt. 0.5 lb.



650RDB

#### **LINEMAN'S RODEO TOOLS**

No. 650RDB	Ditty bag	Wt. 0.2 lb.
No. PD100-38	3/8" slack block rope by the ft.	Wt. 1.0 lb.
No. PD100-50	1/2" hand-line by the ft.	Wt. 1.0 lb.
No. 35	Hand-line hook	Wt. 0.5 lb.
No. 960Y	1/2" adjustable sling 28"- 48"	Wt. 0.3 lb.
No. 3550	Hand-line block	Wt. 1.2 lb.
No. 111SK	Leather knife sheath (page 15)	Wt. 1.0 lb.



- · Official rescue mannequin of the Linemen's Rodeo.
- · Lifelike, durable, articulated joints and weight distribution.
- Great for pole top and bucket rescue.

No. RR165 165 lb. mannequin Wt. 175.0 lb. No. 632RR Waist belt for mannequin Wt. 2.0 lb.

> Replacement parts for Rescue Randy are available. Contact customer service for information.



#### **RESCUE RANDY**

## **HARD HATS/LINERS**



#### **ME3 HARD HAT**

- Features a standard style brim and a ratchet adjustment.
- · Available in white, yellow, orange or blue.

No. ME3-W	White hard hat	Wt. 1.0 lb.
No. ME3-Y	Yellow hard hat	Wt. 1.0 lb.
No. ME3-0	Orange hard hat	Wt. 1.0 lb.
No. ME3-B	Blue hard hat	Wt. 1.0 lb.



EL27B

#### **HAT LINERS**

- Made of flame retardant, preshrunk cotton twill.
- Thermal lined and have elastic web chin straps.
- · One size fits all.
- . Made in the USA.

No. EL27B-0	Medium length extending	
	below the collar	Wt25 lb.
No. EL29B-0	Extra length extending	
	below the collar	Wt. 0.4 lb.

No. EL23BFM-O Medium length with a face mask, held in place with velcro fasteners Wt. 0.4 lb.



BE4-B

### **BE4: FULL BRIM HARD HAT**

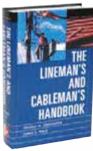
- · Especially popular in warmer climates.
- Features a full style brim and a ratchet adjustment.
- Available in white, yellow, orange or blue.

No. BE4-W	White hard hat	Wt. 1.0 lb.
No. BE4-Y	Yellow hard hat	Wt. 1.0 lb.
No. BE4-0	Orange hard hat	Wt. 1.0 lb.
No. BE4-B	Blue hard hat	Wt. 1.0 lb.

#### **HARD HAT ACCESSORIES**

No. B304-1	Sweatbands (box of 10)	Wt. 0.5 lb.
No. ME91R	Suspension	
	(ratchet adjustment)	Wt25 lb.
No. M94	Chin strap	Wt. 0.4 lb.

## **EDUCATION/TRAINING**



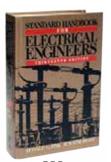
831

#### **TEXTBOOKS**

 The Lineman's and Cableman's Handbook by Kurtz and Shoemaker
 This is the primary source of basic information

This is the primary source of basic information for power lineworkers.

**No. 831** Wt. 3.25 lb.

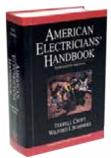


833

• **Standard Handbook for Electrical Engineers** by Fink and Beaty

Here is a ready reference for engineering and design of electric systems.

**No. 833** Wt. 4.75 lb.



834

• American Electrician's Handbook

by Croft and Summers

If you are an electrician needing a ready, quick reference, this is the book for you.

No. 834 Wt. 4.75 lb.



Bashlin offers the most recent edition of these books. It may or may not be the one illustrated, but it will be the newest available.



## BASHLIN PRODUCT INFORMATION BOOKLETS

- Contains essential information regarding Bashlin products.
- Correct sizing, inspection, and care/maintenance of the products.
- These FREE booklets are available for the asking and are included in all new Bashlin products.

No. BLCL-514	Climbers and accessories	Wt. 0.1 lb.
No. BLBH-514	Linemen's equipment	Wt. 0.1 lb.
No. PFPE-405	Fall protection equipment	Wt. 0.1 lb.

## BASHLIN INDUSTRIES, INC. | PRODUCT INDEX

Α	Bud
Adjustable Rope Slings72	Buo
Aerial Bags 63, 64	Buc
Anchor Straps50	Bug
Anchorages, Care and Maintenance	
Anchorages 50	0
Auger Wind Ups 72	Car Cha
	Cha
В	Cha
Back Packs58	Clin
Bags, Rodeo Ditty Bag92	Clin
Bags, Back Packs58	Clin
Bags, Blanket61	Clin
Bags, Gear Bags 58, 59	Clin
Bags, Glove and Sleeve 60	Clin
Bags, Ground Set62	Clin
Bags, Hot Stick62	Clir
Bags, Nut and Bolt Bags 12, 13	Clin
Bags, Rescue Stick 62	Cor
Bags, Roller Bags59	Cor
Bags, Line Hose00	Cor
Belts, 2 D-Ring10	Cro
Belts, 4 D-Ring	Cut
Belts, Auxiliary Positioning 11	
Belts, Care and Maintenance31	
Belts, Electrician78	Des
Belt, Sizing6	Die
Belts, Styles 7	Die
Belts, Supporter10	Dou
Belts, Suspenders11	
Belts, Groundman 78	
Blanket Bags61	_
Blanket Cannister 61	End
Blanket Clamps85	
Blanket Rolls61	
Blankets, Rubber84	Fall
Blocks	Fall
Booklets, Product Information 94	Fixe
Books, Education	Fol
Bucket Cover	
Bucket Hooks	

Bucket Knuckle66
Bucket Rescue Equipment 55
Buckets63
Bug wrenches28
С
Carabiners 51
Chain Hoist74
Chain Saw Holder 67
Channel Locks 29
Climber Accessories 22, 23
Climber Guard 82
Climber Pad, Hook-N-Loop 20, 21
Climber Pads 20, 21
Climber Parts
Climbers, Aluminum 18
Climbers, Steel 18, 19
Climbers 17
Climbing Harnesses41
Compression Tool Bag 64
Confined Space Harnesses 42
Connectors 51
Cross Arm Iron
Cutters
D
Descenders 51
Dielectric Harnesses 40
Dielectric Matting 85
Double Eye Slings70
E
Endless Slings 70
F
Fall Protection Information 34
Fall Restriction Device24
Fixed Length Rope Slings 72
Folding Rules30

G
Gaff Gauge23
Gaff Guards23
Gaff Shaping Kit23
Gaffs, Replacement23
Glove Bags 60
Glove Dust82
Gloves, Climbing 90
Gloves, Edwards Work Gloves91
Gloves, Foreman90
Gloves, Kunz Work Gloves90
Gloves, Leather Protectors 81, 91
Gloves, Liners 81
Gloves, Rubber Lineman80
Gloves, Sizing80
Gloves, Driver 90, 91
Grip Slings 70
Ground Rod Driver75
Grounding Equipment75, 83, 87
Н
Hammers 30
Hand Tools28, 29, 30
Handline Block72
Handline Carrier16
Handline Hooks72
Handline Parts72
Handlines72
Hard Hat Accessories93
Hard Hat Liner93
Hard Hats93
Harness Bag64
Harnesses Arc Flash, Back Attachments36
Harnesses Arc Flash, Care and Maintenance35

### BASHLIN INDUSTRIES, INC. | PRODUCT INDEX

Harnesses Arc Flash, Options 37
Harnesses Arc Flash, Sizing 36
Harnesses Arc Flash,
Styles36, 38, 39, 40, 41, 42
Heel Cover23
Hoists74
Holsters, Bell Wrench15
Holsters, Electrician78
Holsters, Groundman16
Holsters, Lineman14, 15
Holsters, Lowell Wrench15
Holsters, Skinning Knife15
Holsters, Accessories15
Hot Stick Bags 62
Hot Sticks 77
1
•
Insulator Covers85
K
Klein Bell Wrench28
Klein Adjustable Wrenches28
Klein Lineman Pliers29
Knee Pads911
L
Ladder Snaphooks51
Lanyards Arc Flash,
Care and Maintenance49
Lanyards Arc Flash,
Shock Absorbing43, 44, 45, 46, 47
Lanyards Arc Flash, Twin Leg 46, 47
Leather Care 16
Line, Pilot73
Line, Pulling73
Line, Winch Lines73
Line Hose86

Line Hose Bags61
Line Hose Connectors85
Line Hose Lubrication Tool85
Lowell Ratchet Wrenches28
M
Mink Oil
N
Neatsfoot Oil16
Nylon Slings
Р
Para-Pak53
Patriot, WPFRD24
Pay-Out Reels75
Penta Socket28
Pilot Line
Pole Band 83
Pole Gaffs23
Pole Slings70
Pole Straps 25
Pole Top Rescue Strap92
Positioning Lanyards 48
Pulling Grips74
Pulling Line 73
PVC Insulating Sheeting 84
R
Replacement Gaffs23
Rescue Equipment53, 54, 55
Rescue Randy92
Rescue Stick85
Retractable Lifelines 56
Rodeo Products92
Roller Bags 59
Rope 92
Rope, Descent Device51
Rope Secondary, Care and Maintenance31
Rope Secondary 26, 27

Rope Slings7
Rope Snaphooks5
S
_
Saddle Soap1
Safety Hook 6
Screwdrivers 3
Self Rescue Equipment53, 54, 5
Shotgun Sticks7
Skinning Knives2
Slack Blocks7
Sleeve Accessories
Sleeve Bags6
Sleeves, Rubber Lineman 83
Splicers Bag 6
Staple Sticks 3
Strap Hoist7
Suspension Trauma 5
T
Tape Slings 1
The Finger8
Tool Apron 6
Tool Bags 58, 59
Tool Boards 65, 6
Tool Snaps1
Tool Tray6
Transformer Slings 7
Traveling Grounds8
Tree Gaffs2
Truck Ground 8
U
URD Disconnect Tool7
W
Winch Line 75
Winch Line Maintenance 75
Wire Basket7

WPFRD......24

223	24HSC SERIES62	53N-2HL25
2SC23	24RBC SERIES61	54N-2HL25
322	24RBR SERIES61	57 SERIES92
4G22	24SL SERIES60	76PAT24
4HP15	24SLGP SERIES60	76PAT-OR24
4HPX15	25A SERIES12	76PAT-ORC24
4STR15	25AM2 SERIES12	76PAT-T24
4T22	25BS13	78A-2HL25
523	25KLBS13	78B-2L25
8D28	25PLS13	78C-2HL25
10HB64	25PS13	78X-2HL25
10S SERIES58, 62	25R13	8011
11BP SERIES58	26DRM13	80HDS11
11BPD SERIES58	26G13	80X11
11BPM SERIES58	26L13	8111
11DC SERIES59	2723	81-111
12S SERIES59	31L16	83BDH11
1423	31R16	83H2D11
14 GLOVE SERIES80	32A16	85N22
14ATS22	32AR16	85NP22
14ATSB22	32B16	86N22
14P23	32BR16	86NP22
14T23	33 16, 72	87N22
14TS22	33L16, 72	87NP22
14TSB22	3572, 92	8810
1530	35GP72	88BIX4DCC9
15FG30	41NW-2HL25	88BMX4D9
16- GLOVE SERIES 80	42NW-2HL25	88BMX4DCC9
16ATS22	43NW-2HL25	88BMX4DMP9
16TS22	44NW-2HL25	
18 GLOVE SERIES 80	47N-1525	
18 SERIES BUCKETS63	47N1825	

51N-2HL......25

52N-2HL......25

23 SERIES BUCKETS ......63

24 SERIES ......60

88BSX4DCC9	111HLSX14	270B 62	2, 85
88GX4DCC8	111HS14	300A	74
88GX4DMP8	111HSX14	300DA	74
88MX4DCC8	111JBS78	336A SERIES	87
88MX4DMP8	111JBSX78	390 GLOVE SERIES	90
88UX4DCC8	111JLMS78	400 GLOVE SERIES	90
88UX4DMP8	111JLMSX78	420G	29
88X10	111LWH15	430G	29
88X4D9	111LWHX15	443A	72
89N22	111SK 15,92	470	72
89NP22	111SKX15	500K GLOVE SERIES	91
100TDE28	111YS78	550 SERIES	86
101TDE28	111YSX78	555 SERIES	86
103TDE28	112CIL78	556 GLOVES	90
105 PADS20	112CILX78	560 SERIES	86
110D PADS21	112HLS 16, 78	567 SERIES	77
110Y GLOVE SERIES 80	112HLSX16, 78	580M	81
1100Y GLOVE SERIES 80	120 GLOVE SERIES90	581K	81
111BWH15	130D PADS21	600-12	30
111BWHX15	140D PADS21	600-4	30
111HE14	140Y GLOVE SERIES 80	600-6	30
111HEX14	145 PADS20	600-8	30
111HLDS14	145 GLOVE SERIES90	602A	
111HLDSE14	148 GLOVE SERIES90	602AT	91
111HLDSX14	150 GLOVE SERIES90	607-7DD	30
111HLDSXE14	150-1228	625	78
111HLE14	150T PADS21	628	78
111HLEX14	150V PADS21	630	78
111HLS14	160N10	632RR	92
	210 SERIES61	650RDB	92
	212 SERIES61	656CM	10
	21686	656PX	10
	21762	662AA	39
	270 85	662AB	30

662AC39	703R-2D50	900-630
662ACS42	70663	901LT75
662AD39	706-2064	901TI75
662GA39	706S 63	902 SERIES75
662GD39	708 SERIES65, 66	903LT74
662IA39	712 SERIES66	910 GLOVE SERIES81
662ID39	71763	93075
662RA39	71983	930 SERIES83
662RB39	719-CAUTION83	930T83
662RC39	721AM64	930TG83
662RD39	722AM64	930UT75
662VA40	723AM64	940 SERIES72
662VD40	72466	945 SERIES72
683GA38	72664	950 SERIES70
683GD38	727L66	951 SERIES70
683IA38	731CS67	952 SERIES70
683ID38	74467	953 SERIES70
683XA38	74567	956 GLOVE SERIES90
683XAP41	750DE SERIES73	960 SERIES71
683XB38	750MP SERIES73	960Y71, 92
683XBP41	770R71	962 SERIES71
683XC38	770RDE71	962NWTS71
683XC6EQT42	770W71	965 SERIES71
683XCP41	80182	999 GLOVE SERIES81
683XD38	80416	1050 GLOVE SERIES81
683XDP41	805 SERIES 82	1057 GLOVE SERIES81
683XDT42	806 SERIES16	1200 GLOVE SERIES81
696NW55	80916	1511N10
700BK66	81591	1515PX8
700FP55	83194	
700FWI55	83394	
700TF85	83494	
	2015	

884D ......9

900 SERIES ......75

703R .....50

1515PXMDCC	1515PX4D8	2302 SERIES45	8690FH76
1570-3	1515PX4DCC8	2305 SERIES 45	11417N30
1590C SERIES       .87       2317 SERIES       .45       44219       .29         1671-10       .74       2327 SERIES       .47       B100G-100       .56         1672-10       .74       2328 SERIES       .47       B110G-25       .56         1685-20       .74       2464       .86       B110G-50       .56         1685-31       .74       2466       .86       B120G-30       .56         1686-10       .74       2802 SERIES       .44       B120G-50       .56         1686-20       .74       2804 SERIES       .44       B120G-65       .56         1849       .72       2805 SERIES       .44       B130W-20       .56         1907 SERIES       .77       2815 SERIES       .44       B130W-20       .56         1967B       .62,76       2817 SERIES       .44       B190W-20       .56         1967B       .62,76       2817 SERIES       .44       B1972F       .23         2002NWB SERIES       .43       2827 SERIES       .47       B1972G       .23         2001NB SERIES       .43       3004       .51       B304-1       .93         2011 SERIES       .70       3006       .51 <td>1550-429</td> <td>2306 SERIES 45</td> <td>4400529</td>	1550-429	2306 SERIES 45	4400529
1671-10.       .74       2327 SERIES.       .47       B100G-100.       .56         1672-10.       .74       2328 SERIES.       .47       B110G-25.       .56         1685-20.       .74       2464.       .86       B110G-50.       .56         1685-31.       .74       2466.       .86       B120G-30.       .56         1686-10.       .74       2802 SERIES.       .44       B120G-65.       .56         1686-20.       .74       2804 SERIES.       .44       B120G-65.       .56         1849	1570-329	2315 SERIES 45	4421829
1672-10       74       2328 SERIES       47       B110G-25       56         1685-20       74       2464       86       B110G-50       56         1685-31       74       2466       86       B120G-30       56         1686-10       74       2802 SERIES       44       B120G-50       56         1686-20       74       2804 SERIES       44       B120G-65       56         1849       72       2805 SERIES       44       B130W-20       56         1967B       62, 76       2817 SERIES       44       B130W-30       56         1967B       62, 76       2817 SERIES       44       B1972F       23         2002NWB SERIES       43       2827 SERIES       47       B1972G       23         2004NWB SERIES       43       3004       51       B3732       50         2011 SERIES       70       3006       51       B609       91         2011 SERIES       70       3006K       51       B6232       30         2011 PI SERIES       50       3008A       51       B639       91         2011 PI SERIES       70       3006       51       B662AD       40 <t< td=""><td>1590C SERIES87</td><td>2317 SERIES45</td><td>4421929</td></t<>	1590C SERIES87	2317 SERIES45	4421929
1685-20       74       2464       86       B110G-50       56         1685-31       74       2466       86       B120G-30       56         1686-10       74       2802 SERIES       44       B120G-50       56         1686-20       74       2804 SERIES       44       B120G-65       56         1849       72       2805 SERIES       44       B130W-20       56         19901 SERIES       77       2815 SERIES       44       B130W-30       56         1997B       62, 76       2817 SERIES       44       B1972F       23         2002NWB SERIES       43       2827 SERIES       47       B1972G       23         2004NWB SERIES       43       2828 SERIES       47       B304-1       93         2005NWB SERIES       43       3004       51       B3732       50         2011 SERIES       70       3006       51       B609       91         2011 PSERIES       50       3006K       51       B6232       30         2011 PSERIES       50       3008A       51       B6232       30         2011 PSERIES       70       3146       28       B662AD       40	1671-1074	2327 SERIES 47	B100G-10056
1685-31       74       2466       86       B1206-30       56         1686-10       74       2802 SERIES       44       B120G-50       56         1686-20       74       2804 SERIES       44       B120G-50       56         1849       72       2805 SERIES       44       B130W-20       56         1991 SERIES       77       2815 SERIES       44       B130W-30       56         1967B       62,76       2817 SERIES       44       B1972F       23         2002NWB SERIES       43       2827 SERIES       47       B1972G       23         2004NWB SERIES       43       2828 SERIES       47       B304-1       93         2005NWB SERIES       43       3004       51       B3732       50         2011 SERIES       70       3006       51       B609       91         2011 PI SERIES       50       3006K       51       B639       91         2011 PI SERIES       50       3008A       51       B639       91         2011 PI SERIES       70       3146       28       B662AA       40         2012 SERIES       70       3000       51       B662AD       40 </td <td>1672-1074</td> <td>2328 SERIES 47</td> <td>B110G-2556</td>	1672-1074	2328 SERIES 47	B110G-2556
1686-10       74       2802 SERIES       44       B120G-50       56         1686-20       74       2804 SERIES       44       B120G-65       56         1849       72       2805 SERIES       44       B130W-20       56         1901 SERIES       77       2815 SERIES       44       B130W-30       56         1967B       62,76       2817 SERIIES       44       B1972F       23         2002NWB SERIES       43       2827 SERIES       47       B1972G       23         2004NWB SERIES       43       3004       51       B304-1       93         2011 SERIES       70       3006       51       B609       91         2011 PI SERIES       50       3006K       51       B639       91         2011 SERIES       70       3008A       51       B639       91         2011 SERIES       70       3008A       51       B662AA       40         2012 SERIES       70       3200       51       B662AA       40         2012 SERIES       70       4002NW SERIES       48       B683XD       38         2015 NWB SERIES       43       4004NW SERIES       48       B683XD       38<	1685-2074	246486	B110G-5056
1686-20       74       2804 SERIES       44       B120G-65       56         1849       72       2805 SERIES       44       B130W-20       56         1901 SERIES       77       2815 SERIES       44       B130W-30       56         1967B       62,76       2817 SERIES       44       B1972F       23         2002NWB SERIES       43       2827 SERIES       47       B1972G       23         2005NWB SERIES       43       3004       51       B304-1       93         2005NWB SERIES       43       3004       51       B609       91         2011 SERIES       70       3006       51       B609       91         2011P SERIES       50       3006K       51       B639       91         2011SE SERIES       70       3146       28       B662AA       40         2012 SERIES       70       3200       51       B662AD       40         2012P SERIES       70       3200       51       B662AD       40         2012P SERIES       70       3000       51       B662AD       40         2015 NWB SERIES       43       4002NW SERIES       48       B683XD       38 <td>1685-3174</td> <td>246686</td> <td>B120G-3056</td>	1685-3174	246686	B120G-3056
1849	1686-1074	2802 SERIES 44	B120G-5056
1901 SERIES       .77       2815 SERIES       .44       B130W-30       .56         1967B       .62, 76       2817 SERIIES       .44       B1972F       .23         2002NWB SERIES       .43       2827 SERIES       .47       B1972G       .23         2004NWB SERIES       .43       2828 SERIES       .47       B304-1       .93         2005NWB SERIES       .43       3004       .51       B609       .91         2011 SERIES       .70       3006       .51       B609       .91         2011P SERIES       .50       3006K       .51       B609       .91         2011SE SERIES       .70       3046       .51       B639       .91         2011SE SERIES       .70       3146       .28       B662AA       .40         2012 SERIES       .70       3200       .51       B662AD       .40         2012 SERIES       .70       4002NW SERIES       .48       B683XD       .38         2015NWB SERIES       .43       4004NW SERIES       .48       B683XD       .38         2015NWB SERIES       .43       4005NW SERIES       .48       B813       .91         2027 SERIES       .46       4016 SERIES	1686-2074	2804 SERIES44	B120G-6556
1967B	184972	2805 SERIES 44	B130W-2056
2002NWB SERIES       43       2827 SERIES       47       B1972G       23         2004NWB SERIES       43       2828 SERIES       47       B304-1       93         2005NWB SERIES       43       3004       51       B3732       50         2011 SERIES       70       3006       51       B609       91         2011P SERIES       50       3006K       51       B6232       30         2011P1 SERIES       50       3008A       51       B639       91         2011SE SERIES       70       3146       28       B662AA       40         2012 SERIES       70       3200       51       B662AD       40         2012P SERIES       50       3550       72, 92       B683XA       38         2012SE SERIES       70       4002NW SERIES       48       B683XD       38         2015NWB SERIES       43       4004NW SERIES       48       B809       30         2017NWB SERIES       43       4005NW SERIES       48       B813       91         2027 SERIES       46       4016 SERIES       27       B814       91         2028 NWB SERIES       46       4018 SERIES       27       B816	1901 SERIES77	2815 SERIES 44	B130W-3056
2004NWB SERIES       43       2828 SERIES       47       B304-1       93         2005NWB SERIES       43       3004       51       B3732       50         2011 SERIES       70       3006       51       B609       91         2011P SERIES       50       3006K       51       B6232       30         2011PI SERIES       50       3008A       51       B639       91         2011SE SERIES       70       3146       28       B662AA       40         2012 SERIES       70       3200       51       B662AD       40         2012P SERIES       50       3550       72, 92       B683XA       38         2012SE SERIES       70       4002NW SERIES       48       B683XD       38         2015NWB SERIES       43       4004NW SERIES       48       B809       30         2017NWB SERIES       43       4005NW SERIES       48       B813       91         2027 SERIES       46       4016 SERIES       27       B814       91         2028 SERIES       46       4018 SERIES       27       B816       30         4019 SERIES       27       B832       30         4019 SE	1967B 62, 76	2817 SERIIES 44	B1972F23
2005NWB SERIES       .43       3004       .51       B3732       .50         2011 SERIES       .70       3006       .51       B609       .91         2011P SERIES       .50       3006K       .51       B6232       .30         2011P1 SERIES       .50       3008A       .51       B639       .91         2011SE SERIES       .70       3146       .28       B662AA       .40         2012 SERIES       .70       3200       .51       B662AD       .40         2012P SERIES       .50       3550       .72, 92       B683XA       .38         2012SE SERIES       .70       4002NW SERIES       .48       B683XD       .38         2015NWB SERIES       .43       4004NW SERIES       .48       B809       .30         2017NWB SERIES       .43       4004NW SERIES       .48       B813       .91         2027 SERIES       .46       4016 SERIES       .27       B814       .91         2028 SERIES       .46       4017NW SERIES       .48       B815       .91         2028NWB SERIES       .46       4018 SERIES       .27       B816       .30         4950-58Y       .71       BC136 SERIES <td< td=""><td>2002NWB SERIES43</td><td>2827 SERIES 47</td><td>B1972G23</td></td<>	2002NWB SERIES43	2827 SERIES 47	B1972G23
2011 SERIES       70       3006       51       B609       91         2011P SERIES       50       3006K       51       B6232       30         2011P1 SERIES       50       3008A       51       B639       91         2011SE SERIES       70       3146       28       B662AA       40         2012 SERIES       70       3200       51       B662AD       40         2012P SERIES       50       3550       72, 92       B683XA       38         2012SE SERIES       70       4002NW SERIES       48       B683XD       38         2015NWB SERIES       43       4004NW SERIES       48       B809       30         2017NWB SERIES       43       4005NW SERIES       48       B813       91         2027 SERIES       46       4016 SERIES       27       B814       91         2028 SERIES       46       4017NW SERIES       48       B815       91         2028 NWB SERIES       46       4018 SERIES       27       B816       30         4019 SERIES       27       B832       30         4950-58Y       71       BC136 SERIES       61         4951-58Y       71       B	2004NWB SERIES43	2828 SERIES 47	B304-193
2011P SERIES       50       3006K       51       B6232       30         2011P1 SERIES       50       3008A       51       B639       91         2011SE SERIES       70       3146       28       B662AA       40         2012 SERIES       70       3200       51       B662AD       40         2012P SERIES       50       3550       72, 92       B683XA       38         2012SE SERIES       70       4002NW SERIES       48       B683XD       38         2015NWB SERIES       43       4004NW SERIES       48       B809       30         2017NWB SERIES       43       4005NW SERIES       48       B813       91         2027 SERIES       46       4016 SERIES       27       B814       91         2028 SERIES       46       4017NW SERIES       48       B815       91         2028 SERIES       46       4018 SERIES       27       B816       30         4950-58Y       71       BC136 SERIES       61         4951-58Y       71       BC136 SERIES       61         4951-58Y       71       BC18F       76         5395A       51       BC24F       76 </td <td>2005NWB SERIES43</td> <td>300451</td> <td>B373250</td>	2005NWB SERIES43	300451	B373250
2011P1 SERIES       50       3008A       51       B639       91         2011SE SERIES       70       3146       28       B662AA       40         2012 SERIES       70       3200       51       B662AD       40         2012P SERIES       50       3550       72, 92       B683XA       38         2012SE SERIES       70       4002NW SERIES       48       B683XD       38         2015NWB SERIES       43       4004NW SERIES       48       B809       30         2017NWB SERIES       43       4005NW SERIES       48       B813       91         2027 SERIES       46       4016 SERIES       27       B814       91         2028 SERIES       46       4017NW SERIES       48       B815       91         2028 SERIES       46       4018 SERIES       27       B816       30         4019 SERIES       27       B832       30         4950-58Y       71       BC136 SERIES       61         4951-58Y       71       BC136 SERIES       61         4951-58Y       71       BC136 SERIES       61         4951-58Y       71       BC136 SERIES       61         4951-58Y<	2011 SERIES70	300651	B60991
2011SE SERIES       70       3146       28       B662AA       40         2012 SERIES       70       3200       51       B662AD       40         2012P SERIES       50       3550       72, 92       B683XA       38         2012SE SERIES       70       4002NW SERIES       48       B683XD       38         2015NWB SERIES       43       4004NW SERIES       48       B809       30         2017NWB SERIES       43       4005NW SERIES       48       B813       91         2027 SERIES       46       4016 SERIES       27       B814       91         2028 SERIES       46       4017NW SERIES       48       B815       91         2028NWB SERIES       46       4018 SERIES       27       B816       30         4019 SERIES       27       B832       30         4950-58Y       71       BC136 SERIES       61         4951-58Y       71       BC18F       76         5395A       51       BC24F       76	2011P SERIES50	3006K51	B623230
2012 SERIES       70       3200       51       B662AD       40         2012P SERIES       50       3550       72, 92       B683XA       38         2012SE SERIES       70       4002NW SERIES       48       B683XD       38         2015NWB SERIES       43       4004NW SERIES       48       B809       30         2017NWB SERIES       43       4005NW SERIES       48       B813       91         2027 SERIES       46       4016 SERIES       27       B814       91         2028 SERIES       46       4017NW SERIES       48       B815       91         2028NWB SERIES       46       4018 SERIES       27       B816       30         4019 SERIES       27       B832       30         4950-58Y       71       BC136 SERIES       61         4950-58Y       71       BC136 SERIES       61         4951-58Y       71       BC136 SERIES       61         5395A       51       BC24F       76	2011P1 SERIES50	3008A51	B63991
2012P SERIES       50       3550       72, 92       B683XA       38         2012SE SERIES       70       4002NW SERIES       48       B683XD       38         2015NWB SERIES       43       4004NW SERIES       48       B809       30         2017NWB SERIES       43       4005NW SERIES       48       B813       91         2027 SERIES       46       4016 SERIES       27       B814       91         2028 SERIES       46       4017NW SERIES       48       B815       91         2028NWB SERIES       46       4018 SERIES       27       B816       30         4019 SERIES       27       B832       30         4950-58Y       71       BC136 SERIES       61         4951-58Y       71       BC18F       76         5395A       51       BC24F       76	2011SE SERIES70	314628	B662AA40
2012SE SERIES       70       4002NW SERIES       48       B683XD       38         2015NWB SERIES       43       4004NW SERIES       48       B809       30         2017NWB SERIES       43       4005NW SERIES       48       B813       91         2027 SERIES       46       4016 SERIES       27       B814       91         2028 SERIES       46       4017NW SERIES       48       B815       91         2028NWB SERIES       46       4018 SERIES       27       B816       30         4019 SERIES       27       B832       30         4950-58Y       71       BC136 SERIES       61         4951-58Y       71       BC18F       76         5395A       51       BC24F       76	2012 SERIES70	320051	B662AD40
2015NWB SERIES       43       4004NW SERIES       48       B809       30         2017NWB SERIES       43       4005NW SERIES       48       B813       91         2027 SERIES       46       4016 SERIES       27       B814       91         2028 SERIES       46       4017NW SERIES       48       B815       91         2028NWB SERIES       46       4018 SERIES       27       B816       30         4019 SERIES       27       B832       30         4950-58Y       71       BC136 SERIES       61         4951-58Y       71       BC18F       76         5395A       51       BC24F       76	2012P SERIES50	355072, 92	B683XA38
2017NWB SERIES       43       4005NW SERIES       48       B813       91         2027 SERIES       46       4016 SERIES       27       B814       91         2028 SERIES       46       4017NW SERIES       48       B815       91         2028NWB SERIES       46       4018 SERIES       27       B816       30         4019 SERIES       27       B832       30         4950-58Y       71       BC136 SERIES       61         4951-58Y       71       BC18F       76         5395A       51       BC24F       76	2012SE SERIES70	4002NW SERIES48	B683XD38
2027 SERIES       46       4016 SERIES       27       B814       91         2028 SERIES       46       4017NW SERIES       48       B815       91         2028NWB SERIES       46       4018 SERIES       27       B816       30         4019 SERIES       27       B832       30         4950-58Y       71       BC136 SERIES       61         4951-58Y       71       BC18F       76         5395A       51       BC24F       76	2015NWB SERIES43	4004NW SERIES48	B80930
2028 SERIES       46       4017NW SERIES       48       B815       91         2028NWB SERIES       46       4018 SERIES       27       B816       30         4019 SERIES       27       B832       30         4950-58Y       71       BC136 SERIES       61         4951-58Y       71       BC18F       76         5395A       51       BC24F       76	2017NWB SERIES43	4005NW SERIES48	B81391
2028NWB SERIES       46       4018 SERIES       27       B816       30         4019 SERIES       27       B832       30         4950-58Y       71       BC136 SERIES       61         4951-58Y       71       BC18F       76         5395A       51       BC24F       76	2027 SERIES46	4016 SERIES27	B81491
4019 SERIES	2028 SERIES46	4017NW SERIES48	B81591
4950-58Y	2028NWB SERIES 46	4018 SERIES27	B81630
4951-58Y		4019 SERIES27	B83230
5395A51 BC24F76		4950-58Y71	BC136 SERIES61
		4951-58Y71	BC18F76
8690CK		5395A51	BC24F76
		8690CK76	BD12 SERIES19

BD12C SERIES19	DEQ683XA40	PD100 SERIES92
BD12L SERIES19	DEQ683XD140	PVC SERIES84
BD14B SERIES 18	DL11DC-R SERIES59	Q662ZA41
BD16B SERIES 18	DL11DC-RB SERIES59	Q83H2D11
BD16BC SERIES 18	DNHLH572	Q88BMX4D9
BE4 SERIES93	DSD3051	Q88BMX4DCC9
BED662VDEF42	EL23BFM93	Q88BMX4DP9
BEDQ683XDI42	EL27B93	Q88GX4DCC8
BHP23	EL29B93	Q88GX4DMP8
BSH2067	FE683EZTWR41	R907428
BSH5067	FE700BMSRSC55	REST54
BSK2029	FE700SRKSC55	RESTEP 54
BSK2529	HV20877	REST-SR54
BSK3029	HV21277	RJL196RCP76
BSK5029	HV22377	RR16592
BSS200030	HV22577	SF482
BSS200130	HV23577	SH182
BW22128	LB SERIES 84	SH20077
BW2212 28	LBC16085	SH21677
BW223 28	LBCP16085	SH23077
BW2237 28	LBS SERIES84	SL6650A51
BW223HD28	LBSV SERIES 84	SLL SERIES 82
BW224 28	LGM200074	SLR SERIES 82
BW244 28	LGM460174	SLXL SERIES 82
BW25128	LGM480174	SR2804 SERIES53
BW288 28	LMG100074	SR700XPL53
D2000-9NE29	LMG450074	SRPACK-100AL53
D2000-9NETH29	LMG450174	SS282
D213-9BE29	LMG460074	
D507-1028	LMG480074	
D507-1228	M9493	
D507-828	ME3 SERIES93	

ME91R ......93

PA2000 ......74

DEQ662DH1 ......40

DEQ662HA ...... 40

NOTES:



119 West Pine Street, P.O. Box 867 Grove City, PA 16127 Phone: 724.458.8340 Fax: 724.458.8342 bashlin@bashlin.com







