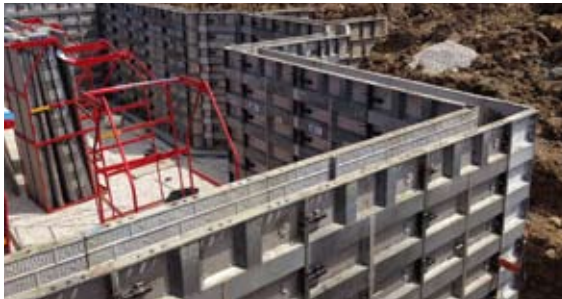




## PRODUCT CATALOG

*"Simply the best!"*





## SAFETY INFORMATION

### **DANGER !**

#### **IMPROPER USE OF FORMS AND FORMING ACCESSORIES CAN CAUSE SEVERE INJURY OR DEATH. IMPORTANT SAFETY NOTICE**

Western Forms products should be used only by experienced and properly trained workers and only for the expressed purposes for which they are intended. Proper supervision is required at all times. Western Forms products should always be used in accordance with product literature and specifications, applicable regulations, and industry standards.

Unauthorized product modifications can defeat important safety features of Western Forms products. Do not modify Western Forms products without the approval of Western Forms technical service personnel. Do not use products with loose, missing, or worn parts. Promptly replace worn equipment and accessories. Perform normal maintenance as necessary. Failure to follow these procedures can compromise product safety and void your warranty.

Improper use of Western Forms products can damage the products or cause injury to the persons using them. Improper use of the products includes walking on the forms, repeated hammer blows, filling the forms too rapidly, improperly stacking forms to create columns, and improper and unsupervised stripping techniques.

All products in this catalog, unless otherwise noted, are intended for use with the Western Forms product system. Western Forms reserves the right to change product design at any time without notice.

If you have any questions concerning the use and handling of Western Forms products, call 1-816-777-3956, contact us online at [info@westernforms.com](mailto:info@westernforms.com), or write us at Western Forms, Inc., 6200 Equitable Rd., Kansas City, MO 64120.

## WARRANTY

Western Forms warrants, except with respect to components of its products manufactured by others, that all products it manufactures, or which bear the Western Forms nameplate or monogram, will be free from defects in material and workmanship under normal use, service and proper operation at the date of shipment to purchaser. Purchaser's sole remedy under this warranty shall be limited to replacement of product, repair by Western Forms, or a refund of the amounts paid to Western Forms by purchaser of such products, at Western Forms' option. No warranty of any kind shall exist with respect to any products (or parts thereof); (a) which have been subject to misuse, negligence or accident or which have been tampered with, repaired, replaced or altered by anyone other than Western Forms; (b) where there has been a substitution of parts not manufactured or authorized by Western Forms; or (c) where the products have been subjected to conditions which vary materially from the conditions which such products are normally subjected to under existing industry practice.

Western Forms makes no warranties of any kind, expressed or implied, other than as herein expressly provided, and specifically disclaims all other warranties including the implied warranties of merchantability and of fitness for a particular purpose.

Western Forms disclaims any obligation or liability for loss of time, cost or expense (including, without limitation, labor expense), inconvenience, commercial loss or any other direct, indirect consequential, special or incidental damages.

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## Our Vision, Mission & Values



In 2016, Western Forms celebrated its 61st year of supplying top quality aluminum forming systems, products, and services to contractors & builder/developers in the USA as well as across the globe. We are very grateful to those customers who have entrusted us with their confidence in both our products and more importantly in our great people that make Western Forms what it is. I want to personally say *THANK YOU* to each and every one of you.

At Western Forms, our people make the difference. The interaction, collaboration, and trusted relationships with customers that have been established are the key difference makers for Western Forms and its customers. The continued development of those relationships with our existing customers, new prospects, and industry leaders is what will allow Western Forms to continue to grow and improve into the future.

The future looks very bright for all types of Cast-In-Place Concrete Construction, with many new and upcoming applications as the demand for all types of concrete construction will increase. Western Forms will continue to focus on helping our customers grow their businesses and be successful through collaboration and service. Our products are a conduit for how we look to impact the concrete industry and just like in 1955, we will strive to be the leader and innovator that helps to address the bigger issues involved in our industry. Labor is the biggest concern for most of our customers, so with providence we will develop methods and measures to alleviate that concern. Our products improve the working conditions and profitability of our customers through the ongoing dialog we have with each and every one of you.

Thank you for your continued **business**.

*Chris Ward, Vice President Americas*



**1955**

Western Forms begins as Metal Specialties in Kansas City, MO



**1962**

Develops & manufactures the world's first fabricated all-aluminum form



**1992**

Invention of the PinLock™ Attached Hardware System to save labor and money



**2016**

Western Forms celebrates 60+ years of service to the construction industry



# The #1 Resource in Aluminum Forms



Made in the USA Since 1955





## ELITE™ FEATURES & BENEFITS

### Gasket / Flat Siderails



Increases form life by eliminating unnecessary concrete buildup (to reduce hammer blows) and simplify cleaning.

### PinLock™ Attached Hardware



Experience up to 30% time savings when setting and stripping forms with PinLock™, reducing the number of lost pins and wedges.



### Backbone

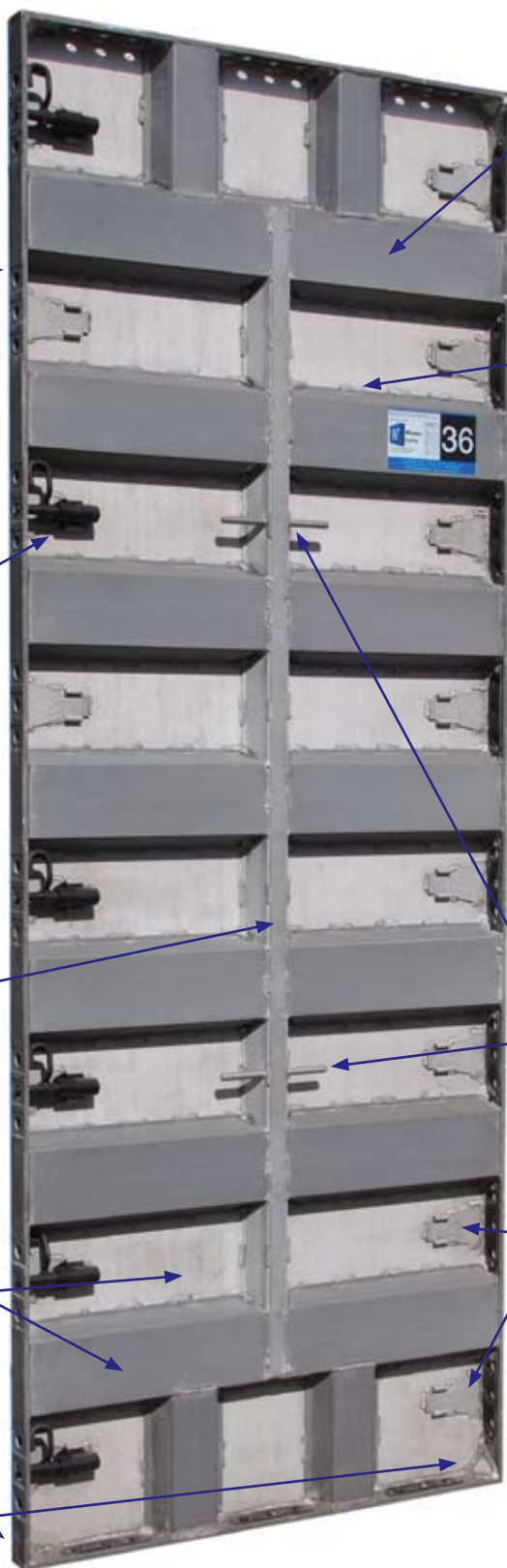
Reduces pillowing and reverse bow throughout the life of the form, resulting in flatter walls every pour.

### Pan-L-Cure™

The #1 Pre-Seasoning process that helps reduce reaction and concrete stickage on initial pours.

### Corner Gussets

For added strength at the corners.



### Hat Sections



Superior bracing with the widest hat in the industry for extra rigidity, combating deflection and pillowing, providing flatter walls.

### Precision Welding

More resistant to failure with total perimeter welding and up to twice the welds of competitors' forms.

### 3-Hole Spring-Tension Bushings

Allow ease of stacking and eliminates the need to remove PinLock™. Added versatility with more holes for filler pins, tools, and extra ties.



### Form Handles

For a quick grasp and simple lift.



### Standard PinLock™ Baseplates

Protects facesheet from hammer blows when using Pins & Wedges and accommodates PinLock™ Attached Hardware.



**The most durable handset aluminum forming systems in the industry.**

With proper maintenance, Western Forms' customers have recorded over 4,000 pours with the same Western Forms.

## GASKET

## FLAGSHIP

## PATRIOT



### Lightweight, Durable, Cost Effective Solutions

- Western Forms weigh 15% - 25% less and outlast other other forming systems due to their advanced design and superior bracing.
- Add PinLock Attached Hardware to Elite, Gasket or Flagship Forms to reduce setting and stripping time up to 30% vs. using Pins and Wedges.

Listed below are actual weights for Western Forms' 36" x 108" panels.

Elite .....	85 lbs.
Gasket.....	88 lbs.
Flagship.....	87 lbs.
Patriot .120 .....	92 lbs.
Durand Value (w/out pin)...	95 lbs.



## VERTEX® BRICK



\*Elite Vertex Form

### VERTEX® BRICK PATTERN FORMS

Available in Elite, Gasket, Flagship, and Patriot.

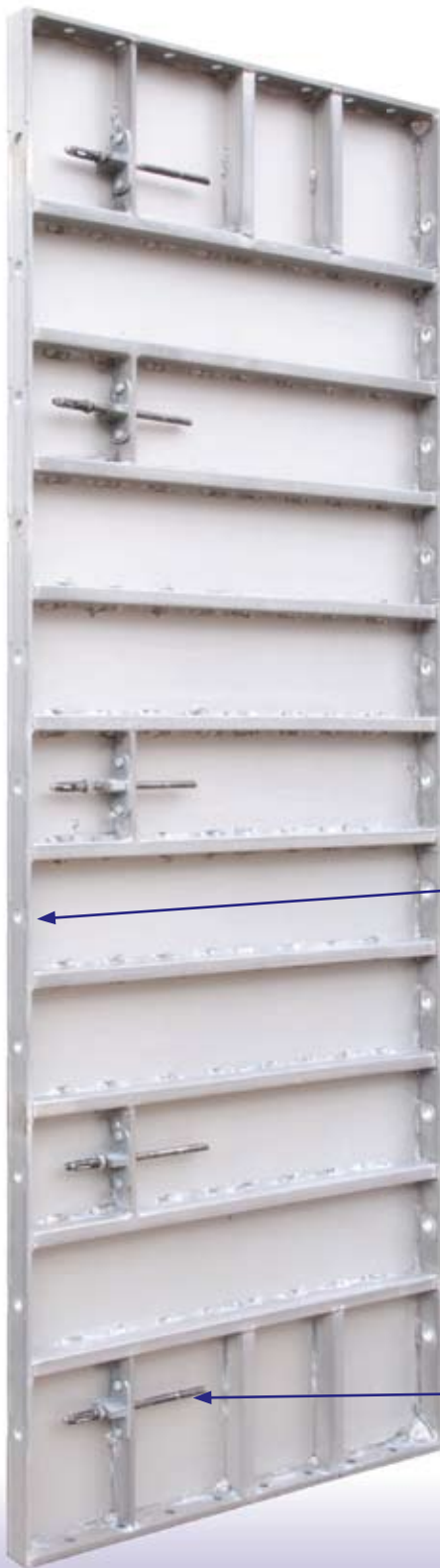
Expand your opportunities by offering an attractive, architecturally ready, brick pattern. The Vertex brick pattern provides a brick appearance with hidden form seams and joints.





# Forming Systems

## DURAND VALUE



**Corner Gussets**



**Pressed Steel Bushings**



**Slotted Siderail**



Durand Attached Pin ..... # APS



### DURAND VALUE FORM

Designed in Michigan and field tested throughout the US as a low cost, yet durable forming system alternative. Available in 8-8 and 6-12 hole patterns.

- Heavy duty, heat-treated, labor saving device, widely used and copied throughout the aluminum forming industry.
- Slides on maintenance free plated shaft.
- Pin is held in position by stainless steel ball bearing and set screw.
- Field-proven, replaces pins and wedges form.
- Includes "Detents" for semi-locking when extending and retracting.



## B.E.P.<sup>TM</sup> CRANE-SET





# Commercial Forming Systems

## B.E.P.<sup>TM</sup> CRANE-SET

### B.E.P.<sup>TM</sup> BIG PANEL SYSTEM

B.E.P. Crane-Set Forms provide extremely flat-smooth walls and at 7lbs. / sq ft are one of the lightest crane-set forming systems on the market. Panels can be rotated and used horizontally or vertically. All BEP forms are compatible (and perfectly align) with Western Forms' 6-12 hole pattern.

Size of form shown:  
144" x 96"

Variety of sizes also available:  
48" X 72" to 120" X 192"

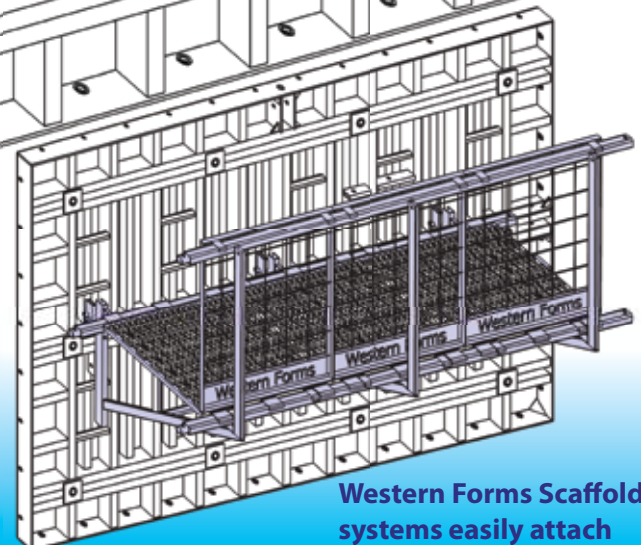


Lifting Ring with  
single pick-point

Attachment  
points for  
Western Forms  
Scaffolding

Tie-off Bars for  
quick-attach  
safety harness

Receiver Plates for  
Power Taper Ties, allow  
you to work on one side  
of the wall



Western Forms Scaffolding  
systems easily attach

## B.E.P.™ CRANE-SET

### B.E.P. POWER TAPER TIE ASSEMBLY

The Power Taper Tie System is installed from one side of the BEP Form. A female "Tie Receiver" (bolted to the female side of the form) captures one end of the tie. The "Bearing Plate" is then inserted onto the notched groove to set the desired wall thickness. The attached Wing-Nut is tightened to lock the Bearing Plate in place. To strip, unlock the Wing-Nut with hammer and remove Bearing Plate. Using a 2" ratchet or air-gun, unscrew Taper Ties to break free of female receiver to remove Taper Tie. Taper Ties and Plates should be stored securely for continuous reuse. Ties have a 1 1/4" - 1" taper and come in a variety of sizes.



Power Taper Tie being installed



Female Receiver mounted on form



Tighten Tie into Female Receiver



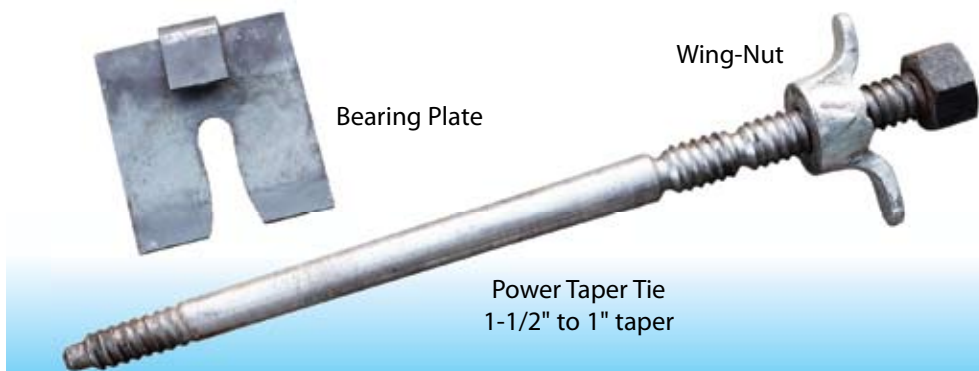
Notched groove closeup



Inserting Bearing Plate



Wing-nut tightened to Plate



Bearing Plate

Wing-Nut

Power Taper Tie  
1-1/2" to 1" taper

Common sizes:

- 8" - 10" - 12"
- 14" - 16" - 18"
- 20" - 22" - 24"
- 26" - 28" - 30"
- 32" - 34" - 36"

\* Other sizes available upon request





# Commercial Forming Systems

## MULTI-PROJECT CAPABLE



When housing starts are slow, diversity of commercial projects is the name of the game. Western Forms' advanced technologies allow our customers the ability to complete a wide variety of jobs, using these extremely versatile and modular forming systems.



## COLUMN FORMS



Western Forms designs and manufactures light weight aluminum column forms to your specifications for a wide variety of applications.

- Round Columns up to 120" diameter
- Square & Rectangle Columns up to 36" wide
- Heights: 1' - 10'
- Easily stack for your height requirement
- Chamfer strips integrate well



**52" Diameter Column Form**



**24" Diameter Column Forms**



# Commercial Forming Systems

## MULTI-PROJECT CAPABLE

### HEAVY DUTY LAY DOWN FORM



Available size: 36" X 48"

Extra vertical bracing allows form to lay on its side. Requires ties at panel joints only.

- Eliminates the need for base ties and can be used as a 36 X 48 or 48 X 36
- Endrails and siderails have bushings and tie slots at all pin holes



Elite Heavy Duty Lay Down Form ..... #4203614  
Gasket Heavy Duty Lay Down Form ..... #41036141G  
Flagship Heavy Duty Lay Down Form ..... #41036141  
Patriot Heavy Duty Lay Down Form ..... #4003614



### ADJUSTABLE PILASTER FORMS

Custom made to fill specific design requirements. Reduce form erection and stripping time. Lightweight and rugged. Use for a variety of different offsets and pilasters without the need for different sized fillers. Reduces number of ties in the Pilaster, or the need for Z-Ties at offsets.

Common sizes are 6" X 18" in heights from 1' to 10'.



### CHAMFER STRIP

3/4" x 120" Elite Chamfer Strip #420842561  
3/4" x 108" Elite Chamfer Strip #420842562  
3/4" x 96" Elite Chamfer Strip . #420842563  
3/4" x 48" Elite Chamfer Strip . #420842564

Western Forms' 3/4" extruded aluminum Chamfer is available in standard lengths from 1' to 10'. The aluminum chamfer securely pins between wall or column forms and outside corner angle providing a chamfered corner detail.

## BULKHEADS & JUMP FILLERS



Reduce labor costs and eliminate the need for lumber on shut-offs. Western Forms' Bulkheads hold desired wall width dimensions and provide support for horizontal Header Forms in jump footing applications.

Bulkheads come preseasoned, are strong enough to last many years, and work with both PinLock and Pins & Wedges.

### BULKHEAD FORMS

- Available heights: 1' to 10'
- Standard 6-12 hole pattern
- 2" Jump pattern also available
- Any wall thickness, True or Nominal
- Standard sizes: 8", 10", 12"

### COMBINATION BULKHEAD

- Available heights: 1' to 10'
- Standard 6-12 Hole Pattern
- Can be used for multiple wall thicknesses with a single Bulkhead.
- Standard sizes: 6-8-10 or 8-10-12

### BLOCKBACK BULKHEAD

Used to block back into the wall 4" (True or Nominal) either at "T" intersections or at the end of a wall.

- Available heights: 1' to 10'
- Standard 6-12 hole pattern
- 2" Jump pattern also available
- Any wall thickness, True or Nominal
- Standard sizes: 8", 10", 12"
- Also available with longer Blockback sections

### JUMP FILLER

Provide for elevation adjustments in 1" or 2" increments by changing wall elevations with jump footings.

- Siderail holes are 1" or 2" on center
- Standard Filler sizes: 4", 6", 8"
- Heights: 1' to 10'



\* Other dimensions available on request.



## CORNER FORMS

Western Forms designs and manufactures a wide variety of corners to solve all your needs. Corners come either True (i.e. 8" wall) or Nominal (i.e. 7-5/8" wall), and are available in all form families. Western Forms manufactures Smooth and Vertex corners in heights from 1' to 10'.

### INSIDE CORNERS

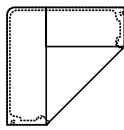
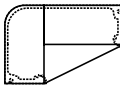
Standard 90°

Available in:

4 X 4

4 X 6

6 X 6

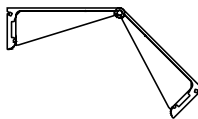


Hinged

Available in:

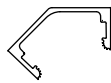
4 X 4

4 X 6



Fixed 45°

3 X 3



Attachments (W)

2 X 2

3 X 3

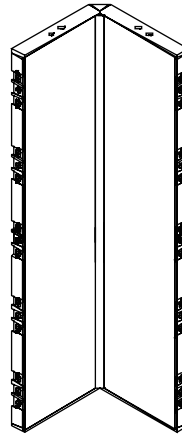
4 X 4



Wrap

12 X 12

14 X 14



### OUTSIDE CORNERS

Angles

2 X 2

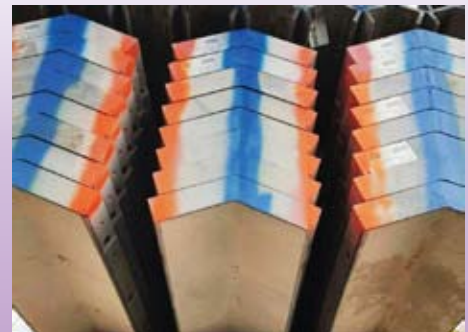
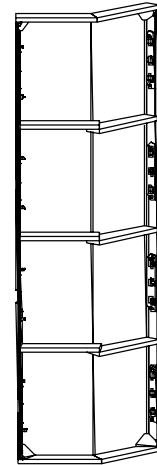
(similar to 2" angle iron, but aluminum)



Fixed 45°

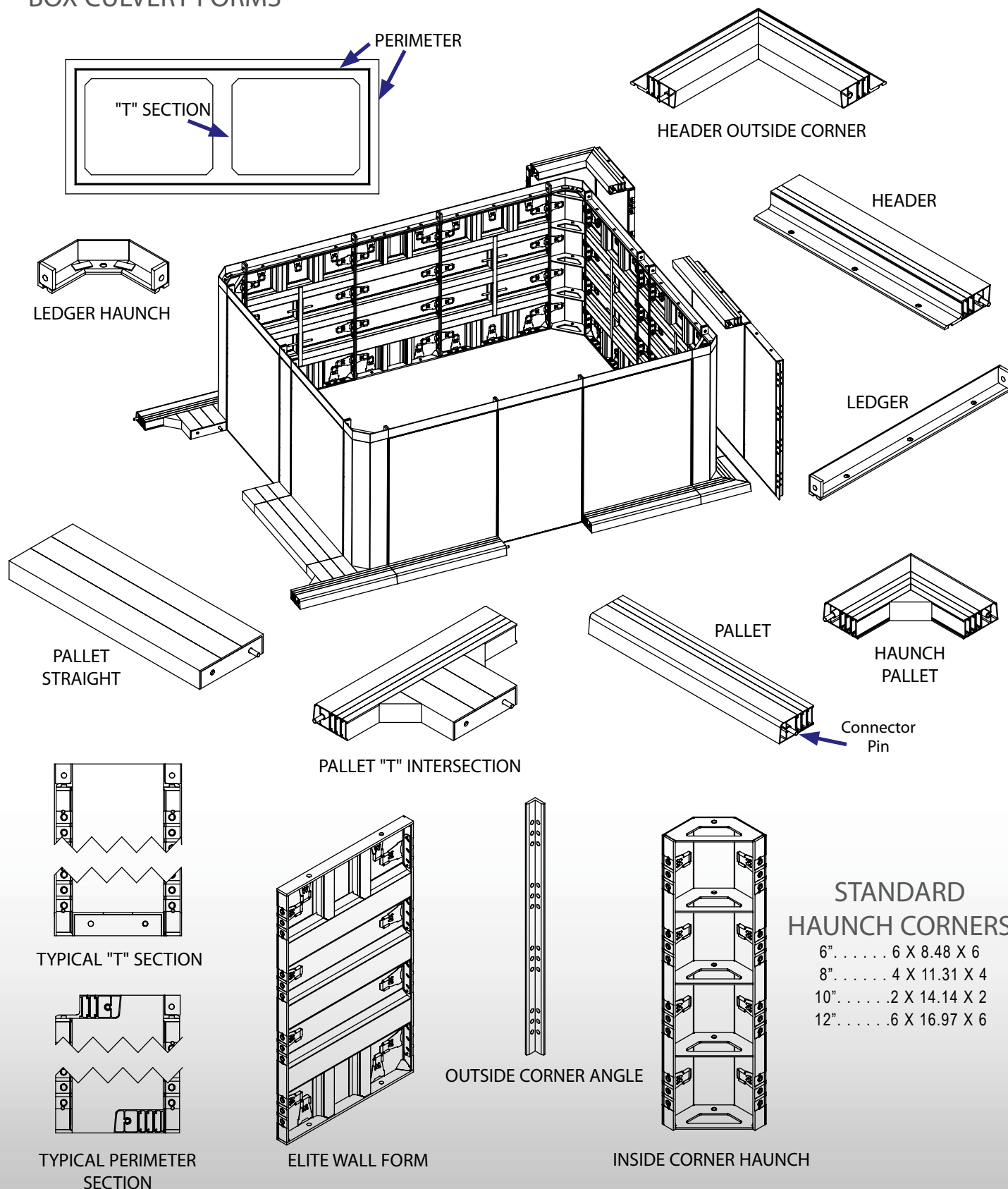
6.16

9.313



## BOXES & COMPONENTS

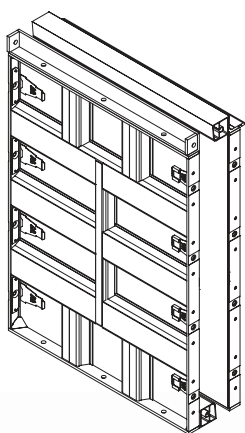
### BOX CULVERT FORMS



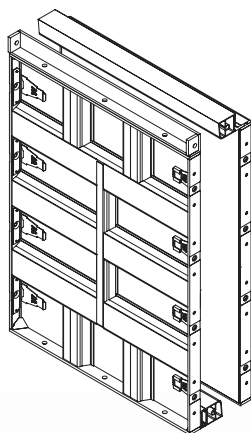


# Precast Forming Systems

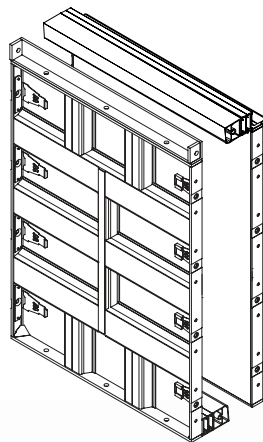
## HEADERS, LEDGERS, & PALLETS



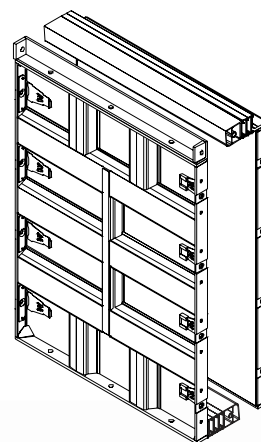
6" Wall Setup



8" Wall Setup



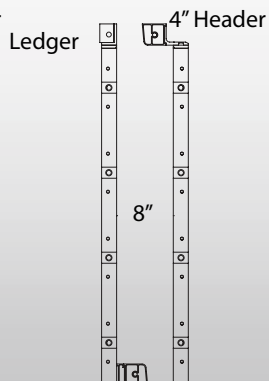
10" Wall Setup



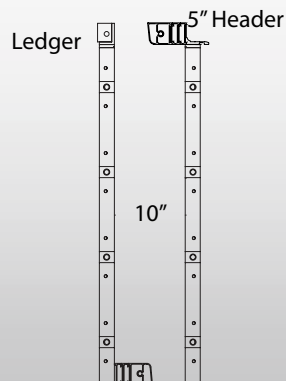
12" Wall Setup



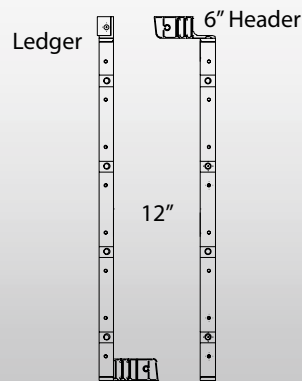
3" Pallet



4" Pallet



5" Pallet



6" Pallet

### STANDARD SIZES (L x H x W)

108" x 8" x 4"	#730108008
96" x 8" x 4"	#73096008
84" x 8" x 4"	#73084008
72" x 8" x 4"	#73072008
60" x 8" x 4"	#73060008
36" x 8" x 4"	#73036008
24" x 8" x 4"	#73024008
12" x 8" x 4"	#73012008
6" x 8" x 4"	#73006008
5" x 8" x 4"	#73005008

## BASE SLAB FORMS



108" x 8" x 4"

96" x 8" x 4"

84" x 8" x 4"

72" x 8" x 4"

24" x 8" x 4"

## APPLICATIONS





# Precast Forming Systems

## ADDITIONAL APPLICATIONS

### PRECAST STEP RISER FORM

Step Blockouts create tapered holes for steps to be installed for precast boxes, eliminating the need for core drilling.



Riser Core Assembly..... #504044

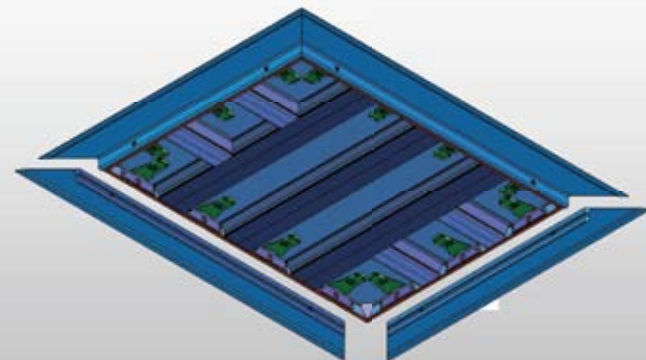
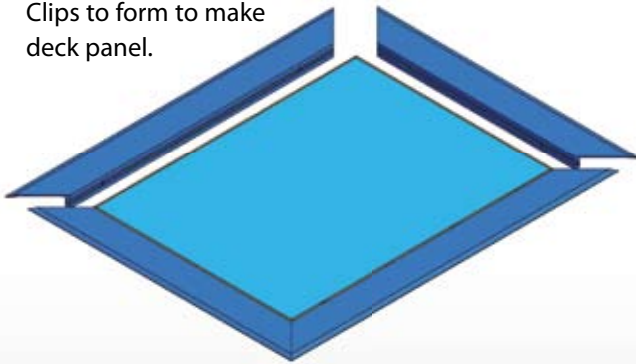


Steps install after forms are stripped



### KNIFE LEDGER

Clips to form to make deck panel.



### MONOLITHIC POURS

With Western Forms Knife Ledger precasters use the same forming system to pour boxes monolithically upside down. This allows them to eliminate one day in the casting process. This method of pre-casting can also be utilized when pouring structures such as safe rooms and other shelters.



## PRE-OWNED SAVINGS

### PURCHASING USED FORMS

Pre-owned forms are still good forms! Stretch your dollar by purchasing great equipment at a great value.

#### Quality Products

Pre-owned equipment is inspected and repaired accordingly to ensure that you receive structurally sound and functional forms and accessories.

#### Pre-Sale Inspection

You are encouraged to visit our Kansas City headquarters to browse items before you buy. If you cannot make the trip, we can take a picture of the inventory for you and allow you to waive physical inspection of prospective items before final purchase.

#### LOOKING TO BUY OR SELL USED FORMS

Call or email your list today!  
816-777-3956  
[sgrindstaff@westernforms.com](mailto:sgrindstaff@westernforms.com)





# Used Forms

## TRADE-INS

### TRADE-IN OPPORTUNITIES

Don't wait until your forms are dead. Upgrade now and take advantage of the latest technologies with a Western Forms' trade-in.

#### Cash for Used Forms

Get the most out of your forms after you're through with them. WE PAY CASH for old forms.

#### Fair Market Value

Western Forms performs the industry's most experienced evaluation of all forms to be traded in or sold. We rate all types of aluminum forms for dents, breakage, concrete build-up, and broken welds, to determine the value.

#### Competitors Products

Western Forms will also purchase aluminum forms manufactured by other companies.





## WATERSTOP, BREAKBACK & Z-TIES



**Breakback Tie with Tie Cones**

### BREAKBACK TIES

Recommended for use where specifications require no steel at the surface of the concrete.

- Breaks vertically behind wall surface as specified by breakback dimension
- Available in 1/2" & 1" breakback depths
- Sold 50 per bundle
- All custom made to order



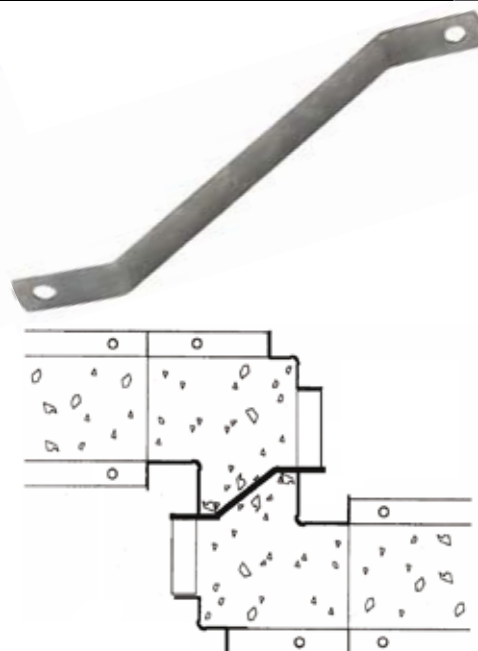
Waterstop Tab

### WATERSTOP TIES

Waterstop ties are Breakback Ties with a welded waterstop tab to prevent tie from moving during form stripping. Xypex® or hydraulic cement recommended for patching tie holes.

- Breaks vertically below wall surface as specified by breakback dimension
- Use when tie can't be flush with the wall
- Available in 1/2" & 1" breakback depths
- Sold 50 per bundle
- All custom made to order

\* Waterstop Tie is leak resistant, not waterproof.



### Z-TIES

Use Z-Ties on jobs that have a 12" offset in the wall, from the straight line, along with 4" inside corners. The 12" offset and the 4" corners are constants and cannot be changed. These, combined with the wall thickness variable, control the finished shape of the tie. When ordering Z-Ties, specify wall thickness and Nominal or True.

#### TRUE Z-TIE

True 6" Wall (2" tie offset) . . . . . #200402  
True 8" Wall (4" tie offset) . . . . . #200401  
True 10" Wall (6" tie offset) . . . . . #200403  
True 12" Wall (8" tie offset) . . . . . #200404

#### NOMINAL Z-TIE

Nominal 6" Wall (2" tie offset) . . . . . #200406  
Nominal 8" Wall (4" tie offset) . . . . . #200407  
Nominal 10" Wall (6" tie offset) . . . . . #200419  
Nominal 12" Wall (8" tie offset) . . . . . #200421

- Sold 50 per bundle
- Various other offset ties available on request

### BREAKBACK TIE CONES



1/2" Tie Cones

1" Tie Cone

Provides a recess at the form tie location for patching and sealing. Snaps easily over the tie and holds tight to form face.

Available in 2 Sizes

1/2" Deep x 1-15/16" Diameter Recess. #509300    1" Deep x 2-1/16" Diameter Recess . . . #509301

See page 35 for recommended Tie Breaker Bar. . . . #600210



## SAFE FOR MULTIPLE APPLICATIONS



### VOLUME TIES

Easily break off with rod notches that reduce the risk of rebar movement during the pouring process. Also includes location notches for placing horizontal reinforcing steel.

- Breaks horizontally flush with the wall
- Designed for easy break off
- Safe working (2:1) tensile load of 3,750 lbs.
- Available in Full and Nominal sizes
- Rod notches on ties to hold horizontal rebar in place
- Sold 100 per bundle

#### TRUE VOLUME SIZES

True 6"	#201381
True 8"	#201385
True 9"	#201315
True 10"	#201313
True 12"	#201603

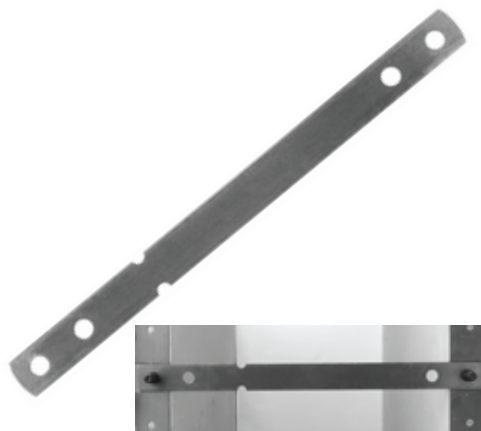
#### NOMINAL VOLUME SIZES

Nominal 6"	#201304
Nominal 8"	#201347
Nominal 10"	#201318
Nominal 12"	#201605

### NARROW LINE TIES

Western Forms has always manufactured non-standard Ties ranging in size from 4" to 144", including specialty sizes for battered walls.

- Bundles of 50 - Sizes 4" to 26"
- Bundles of 25 - Sizes 27" to 48"
- All Sizes 49" to 144" sold per peice.
- Custom sizes available on request.



### COMBINATION FORM TIES

Specifically coined to break horizontally flush with the wall. One tie can be used for three different wall thicknesses.

- May be used with Top Clips and Jump Clamps
- Versatility reduces tie inventory
- Available in true and nominal sizes
- Available in single rod notch
- Safe working (2:1) tensile load of 3,750 lbs.
- Sold 50 per bundle

#### TRUE COMBINATION TIE SIZES

True 4"-6"-8"	#205080
True 6"-8"-10"	#205083
True 7"-9"-11"	#205188
True 8"-10"-12"	#205014
True 9"-11"-13"	#205086
True 10"-12"-14"	#205087
True 12"-14"-16"	#205089
True 14"-16"-18"	#205096
True 20"-22"-24"	#205116
True 26"-28"-30"	#205205
True 31"-33"-35"	#200199
True 32"-34"-36"	#205203

#### NOMINAL COMBINATION TIE SIZES

Nominal 4"-6"-8"	#200051
Nominal 6"-8"-10"	#200008
Nominal 7"-9"-11"	#200173
Nominal 8"-10"-12"	#200013
Nominal 10"-12"-14"	#200022
Nominal 12"-14"-16"	#200026
Nominal 14"-16"-18"	#200062
Nominal 20"-22"-24"	#200162
Nominal 24"-28"-30"	#200171
Nominal 32"-34"-36"	#200170

Custom sizes available on request.



### REUSABLE TIES

Reusable (removable) Form Ties reduce the cost and eliminate the potential of Form Ties rusting on wall surfaces. Not recommended for below grade applications.



### FOAM TIE SLEEVES



Foam Tie Sleeves provide the following benefits:

1. Form Ties can be removed by hand.
2. When Form Ties are removed they do not conduct heat and cold through an insulated wall.
3. Removing Form Ties from the walls eliminates the potential for rusting.
5. Foam Tie Sleeves can be ordered cut-to-length or in bulk rolls.



## TIE CHARTS FOR 4', 6', 8', 9' WALLS

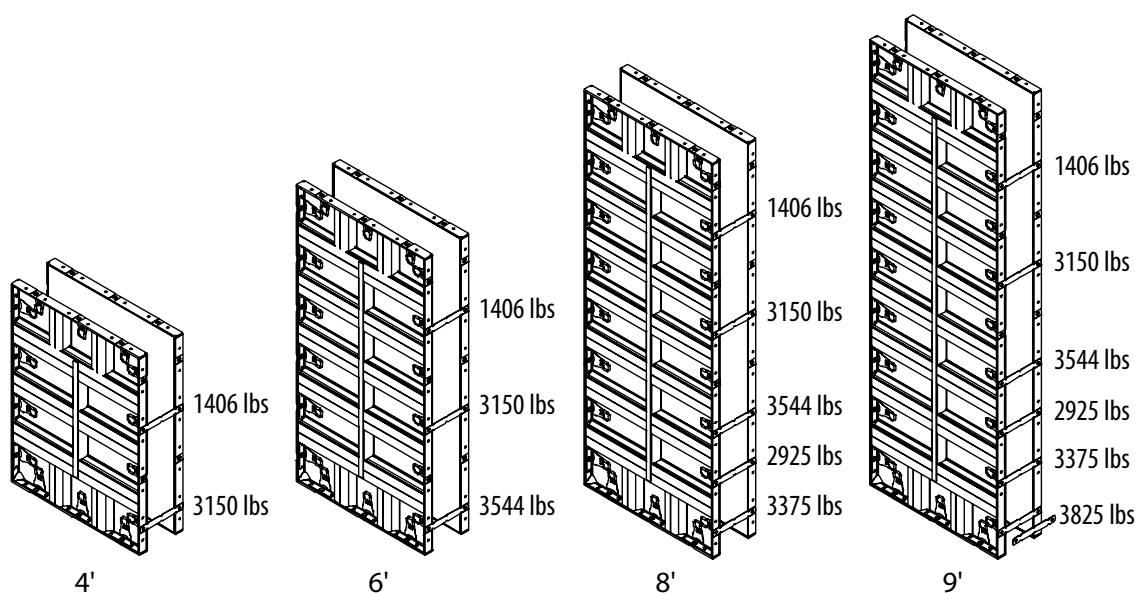
### PREVENTING TIE FAILURE

Using your ties correctly promotes safety on the job and optimal performance from your equipment. Follow these guidelines to use your ties effectively.

Form tie spacing detailed in charts provides a 2:1 safety factor when using standard Western Forms ties with safe working load of 3,750 lb each. These charts are based on the assumptions described below:

Don't let avoidable delays and accidents interrupt your job. Following proper tie placement and hole pattern usage can help:

- Reduce blowouts and costly concrete waste
- Reduce the risk of equipment damage
- Increase employee safety



\* Pressures listed are based on the recommended tie placement

- **Maximum rate of fill is 8 ft. per hour** (allow partial set of fluid concrete). Cold weather requires decreased fill rate
- Density of concrete not to exceed 150 lbs. per cubic ft
- Concrete contains no pozzolans or admixtures and has a **slump of 4" or less**
- Maximum form width is 36"
- All forms must have a form tie in the bottom 6" hole, and at least two form ties per form
- 18" form cantilever is allowed only at the top of the wall



**9 ft and taller 6 • 12 hole pattern requires decreased fill rate to 7 ft per hour, allowing partial set of concrete. For questions regarding 8 • 8 hole pattern, contact a Western Forms representative.**

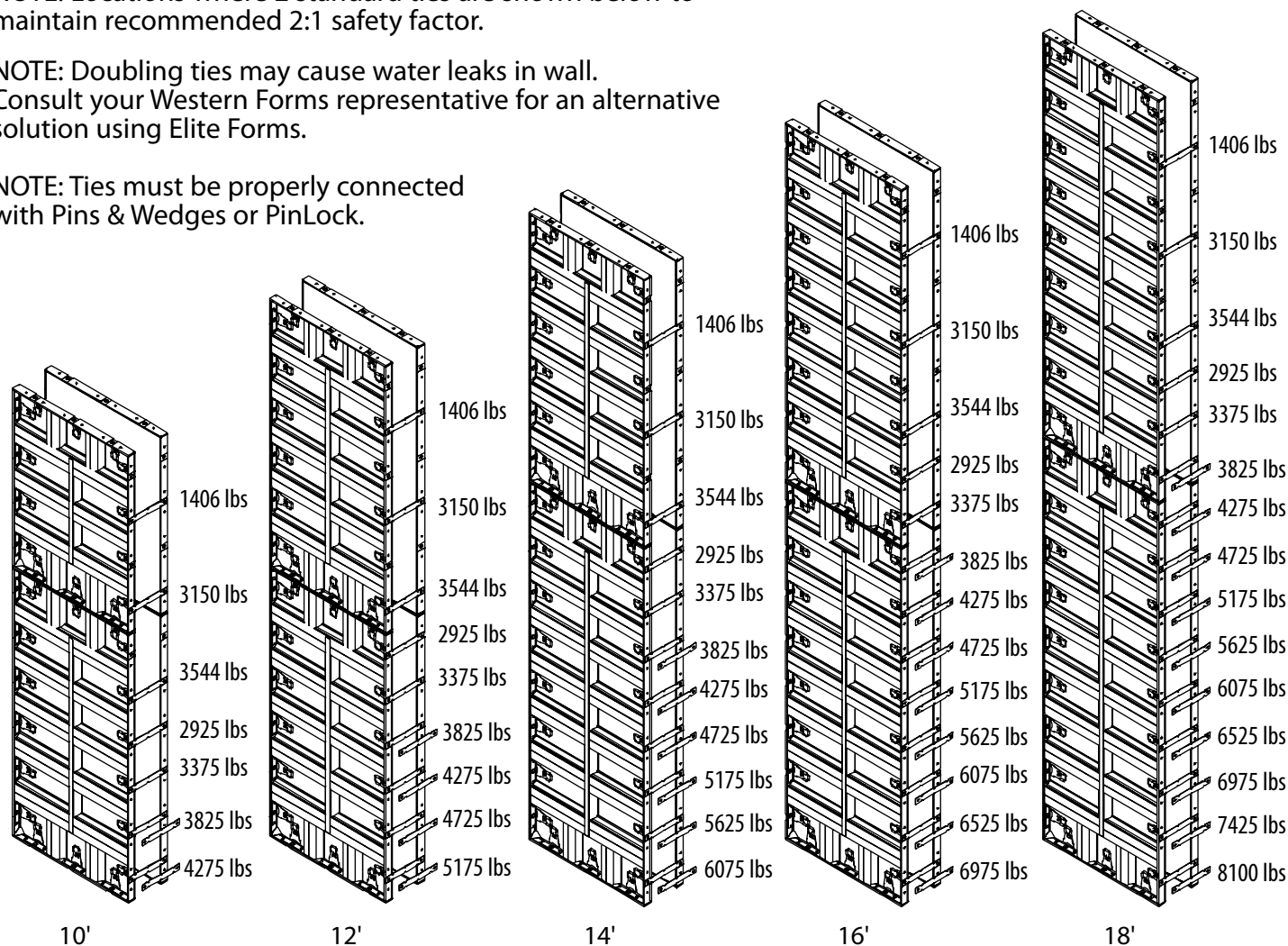


## 10', 12', 14', 16', 18' WALLS

NOTE: Locations where 2 standard ties are shown below to maintain recommended 2:1 safety factor.

NOTE: Doubling ties may cause water leaks in wall. Consult your Western Forms representative for an alternative solution using Elite Forms.

NOTE: Ties must be properly connected with Pins & Wedges or PinLock.



\* Pressures listed are based on the recommended tie placement

### TIE CHECKLIST

#### DO NOT USE:

- Ties that are broken or bent
- Ties that are heavily rusted
- Ties that have been bent and straightened
- Ties that have been hit by a hammer
- Ties that have been used in bulkhead applications
- Ties that are the incorrect length for the specified wall thickness
- Do not mix ties from multiple suppliers

**IMPORTANT:** Use as a reference for tie placement only. Consult P.S.F. safe working load for your particular forms.

Failure to follow these instructions may invalidate otherwise applicable warranties and may subject the user and others to serious bodily injury or property damage. Please contact Western Forms with any questions concerning the safe use of Western Forms products or to obtain training for your employees.

## PINLOCK ATTACHED HARDWARE



- PinLock stows conveniently behind the Siderail.
- Spring loaded to easily release and lock in place.
- PinLock's versatility allows you to place it where you need it.
- Suited for 9" and larger fillers, along with 6" inside corners.
- The most comprehensive Attached Hardware System available.
- Waler Brackets attach quickly.



Left

Right

PinLock Right Hand Installed . . . . . #149914  
 PinLock Left Hand Installed. . . . . #149915  
 Loose PinLock Right Hand . . . . . #149906B  
 Loose PinLock Left Hand . . . . . #149907B

### PINLOCK™ ATTACHED HARDWARE

Invented and patented by Western Forms in 1996, PinLock™ is faster and easier to use than any other attached hardware system and connects forms 30% faster than pins and wedges.

- Quick-to-learn, self-contained system eliminates the problem of losing pins and wedges.
- Self-cleaning, self-lubricating (during use) sealed system, makes operation smooth, even in harsh conditions.
- Shorter pin component increases bushing life and speeds stripping process.
- Can be used on siderails or endrails to facilitate stacking.



## PINS & WEDGES



### TAPERED PIN

The Western Tapered Pin is fully tapered and heat-treated to deliver a long, useful life.

- Save time with easy setting & stripping (less hammer swings)
- Reduce bushing wear
- Sold in buckets of 250

Tapered Pin.....#300022



### STRAIGHT PIN

Designed for use with all aluminum forming brands. The Straight Pin has no taper and the distance is further from the pin head to the wedge slot, compared to Tapered Pin.

- Sold in buckets of 250

Straight Pin .....#300020



### FLAT HEAD PIN

The thin head makes this pin ideal for laydown applications and when butt-forming new walls against existing walls or structures.

- Reduce concrete leakage
- Sold in buckets of 100

Flat Head Pin ..... #500416



### COMBO FILLER PIN 1" • 1-1/2" • 2"

The Combo Filler Pin's versatility expand its usefulness on the job. Can be used for radius wall applications and when fillers 2" and smaller are necessary.

- Fits 1", 1-1/2" & 2" fillers
- Sold individually

Combo Pin .....#300021



### Quick-Start Flat

Designed to hold forms tightly together and provide greater resistance to loosening during form setting and placement of concrete.

- Smaller wedge angle
- Heat treated steel for long life
- Sold in buckets of 250

Quick Start Flat . . . . #300048



### Std. Straight

- Heat treated steel for long life
- Precision tapered to strip faster
- Sold in buckets of 250

Std. Straight. . . . . #300046



### Quick-Start Curved

Curved feature allows additional hammer clearance in setting. Recommended for use in forming systems with large cross member supports and in limited access situations. Resists loosening during form setting and placement of concrete.

- Smaller wedge angle
- Heat treated steel for long life
- Sold in buckets of 250

Quick Start Curved. . . #300049



### Std. Curved

For limited space applications.

- Heat treated steel for long life
- Precision tapered to strip faster
- Sold in buckets of 250

Std. Curved. . . . . #300155

## WALER BRACKETS



### PINLOCK™ WALER BRACKET

Set and strip faster than any other type of waler system available. You'll find this waler bracket proves itself time and again.

2X4 PinLock Waler .....	#600075 (25/bucket)
2X6 PinLock Waler .....	#600077 (25/bucket)
2X8 PinLock Waler .....	#600090 (15/bucket)



### VERTICAL WALER BRACKET

Constructed of sturdy steel, use this bracket in stacked forming applications where vertical alignment is required.

2X4 Vertical Waler.....	#600220 (20/bucket)
2X6 Vertical Waler.....	#609902 (15/bucket)



### STANDARD WALER BRACKET

Use with all Western Forms aluminum forming systems, as well as systems from other manufacturers, except for those containing PinLock. Attaches directly to form panel with pin and wedge. All Western Forms Standard Waler Brackets feature attachment hole for wall brace.

2X4 Standard Waler .....	#600033 (25/bucket)
2X6 Standard Waler .....	#600034 (25/bucket)
2X8 Standard Waler .....	#600035 (15/bucket)
2X10 Standard Waler .....	#600037 (15/bucket)



### WALER BRACKET WITH PIN

NO NEED FOR PINS. Use with all Western Forms aluminum forming systems, as well as systems from other manufacturers. Attaches directly to form panel. Also includes attachment hole for wall brace.

2X4 Waler w/Pin.....	# 600754 (25/bucket)
2X6 Waler w/Pin.....	# 600756 (25/bucket)
2X8 Waler w/Pin.....	# 600758 (15/bucket)
2X10 Waler w/Pin.....	# 600759 (10/bucket)



## FORM CLIPS



### 90° ANGLE CLIP

Designed for use in 90° outside corner applications and in forming offset corners. May also be used in lieu of full height angle outside corners.

- Lightweight aluminum
- Low cost and versatile
- Requires minimal storage space
- Sold in boxes of 100

90° Angle Clip . . . . . #600021



### CAP CLIP

Secure your dimension lumber on top of forms with a cap clip that quickly snaps over the rail of any Western Forms smooth aluminum faced forms without additional hardware.

- No pins and wedges required
- Reusable and cost-effective
- Sold in boxes of 100

Cap Clip . . . . . #600058



### VERTEX CAP CLIP

Use this clip with Vertex Brick wall forms to position dimensional lumber caps flush with the mortar joint, as shown above. Clip can also be used to hold 3/4" plywood cap flush to a smooth face form.

- Attaches directly to top rail of wall forms with a wedge
- Durable steel construction
- Use with 2x4 lumber or 3/4" plywood
- Sold in boxes of 25

Vertex Cap Clip . . . . . #600020



### VARIABLE DEGREE ANGLE CLIP

This clip is extremely versatile when used with hinged inside corners. Sturdy steel construction promotes longevity so you can use it on the job again and again.

- Accommodate outside corner angles of 30° to 60°
- Pins rotate
- Sold in boxes of 25

Variable Degree Angle Clip . . . . . #600021



### HEAVY DUTY FORM CLIPS

Heavy Duty Form Clip fits all aluminum form combinations. Especially effective when used to attach cap or ceiling forms.

- Enhanced clamping ability
- Pin is welded prior to heat treatment to retain superior spring action
- Not recommended on applications using ties
- Sold in boxes of 25

Left Hand Form Clip . . . . . #601093

Right Hand Form Clip . . . . . #601092



### SILVER BULLET (Base Tie Clip)

The "Silver Bullet" Base Tie Clip allows forms to be set closer to footing when used in laydown position. This all aluminum clip is a disposable alternative to the Flat Head Pin. Recommended for laydown use up to 3' height –1200 lbs. SWL.

Sold in Cartons of 500 . . . . . # 600049

## SCAFFOLD SYSTEM

### SCAFFOLD BRACKET 4D Tube - Ledger - Rail Post

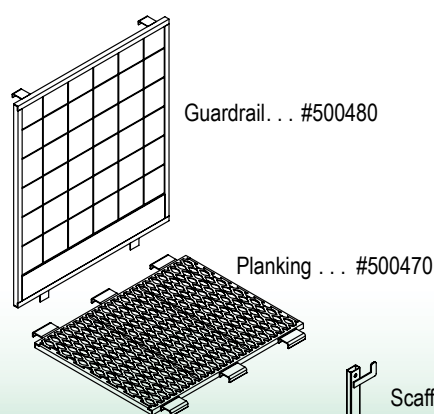
Western Forms' Scaffold Brackets are required for personal safety whenever work platforms are required to access forming components or concrete placement above grade.

The allowable load on the Scaffold Bracket 4D is 500 lbs (4:1), and brackets should not be spaced more than 6 feet apart in accordance with applicable OSHA standards, and shall be in compliance with all applicable government regulations and ordinances.

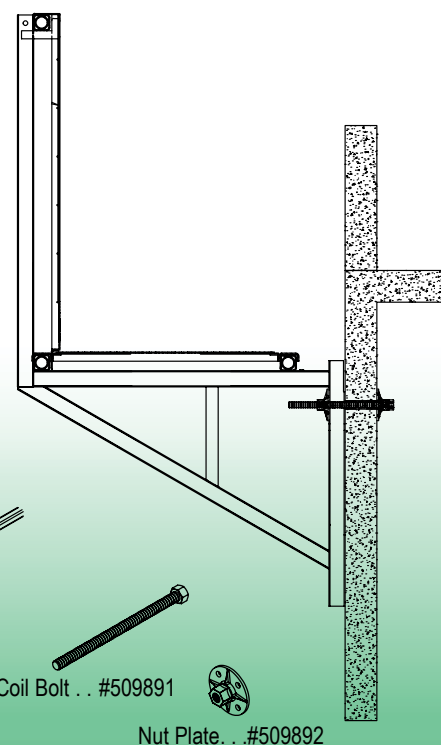
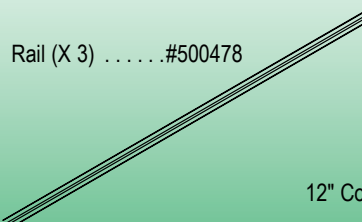
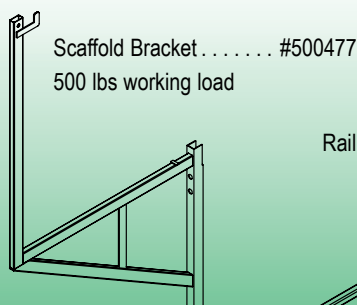
**Scaffold Brackets are used for work platforms only** and may not be used to support forming systems or other work materials.



### SCAFFOLD SYSTEM



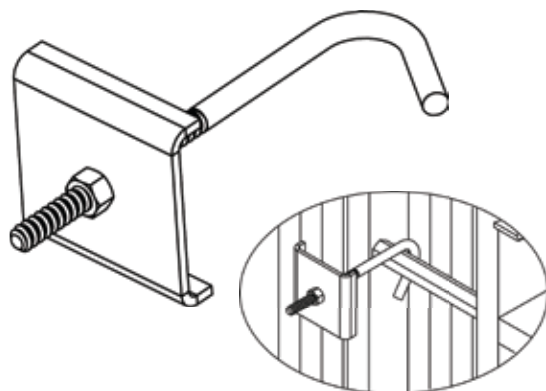
Part	Specification	Weight
Guardrail	36"	18.4 lbs
Planking	36"	33.3 lbs
Rail	120"	30.3 lbs
Scaffold Bracket	4D	24 lbs
Coil Bolt	3/4" X 12"	1.5 lbs
Nut Plate	3/4"	1.1 lbs





# Form Hardware

## SUPPORT ACCESSORIES



### BEP VERTICAL STIFFBACK

Attaches to Tie-Off Bars on BEP Forms with two 2 x 6's. Keep form seams aligned when stacking forms.

2 x 6 Stiffback . . . . . #605821



### COIL BOLTS & NUTS

Recommended for use when dirt, concrete and other contaminants may damage bolt threads. Speed threads allow quick on-off, even when dirty.

5/8" x 3-1/8" Coil Bolts . . . . . #500419  
5/8" Coil Nuts (RH) . . . . . #610205



Shown with 2 x 4  
for hand rails

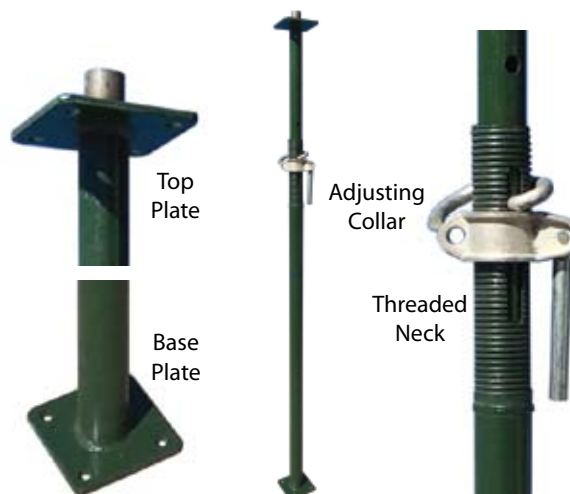


### SCAFFOLD BRACKET

Take care of your crew's safety when working on tall walls with these heavy duty Scaffold Brackets from Western Forms.

- Fits Western Forms & BEP Forming Systems
- Safe Working Load is 500 lbs (4:1)
- Includes Attached Pin for ease of setup

24" Scaffold Bracket . . . . . #500251D  
33" Scaffold Bracket . . . . . #500251



### ADJUSTABLE SHORING POSTS

One of the best methods for lifting and shoring loads, these telescoping Shoring Posts of heavy-duty steel, are manufactured to last. Used when pouring walls and decks monolithically.

Medium Duty Shoring Posts . . . . . #610902  
Size: 6'-6" to 11'  
Load Ht. Min: 8,995 lbs / Load Ht Max: 4,734 lbs.  
Light Duty Shoring Posts . . . . . #611813  
Size: 7'-3" to 13'-2":  
Load Ht. Min: 2,286 lbs / Load Ht Max: 1,324 lbs

## BLOCKOUTS, BARS, AND ADAPTERS



### BEAMBLOCK

Sturdy steel construction enables this reusable block to last through many pours.

Available in the following dimensions:

	Height	Width	Depth
6"	6 1/4"	6"	5"
8"	8 1/4"	7"	5"
10"	10 1/4"	8"	5"
12"	12 1/4"	10"	5"

Beam Block 6"	#600192
Beam Block 8"	#600001
Beam Block 10"	#600002
Beam Block 12"	#600040

### BRICKLEDGE BAR



Pin to top of form to hold stacked forms for forming tall brickledge.  
Sold in packages of 50.

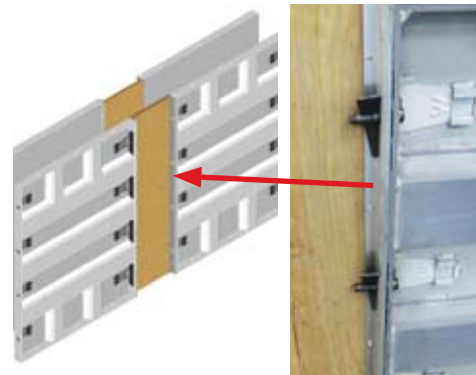
Brickledge Bar ..... #509996

### FLAT BRICKLEDGE HANGER



Pin to top of form to attach and hold job-built wooden brickledge forms.  
Sold in packages of 50.

Flat Brickledge Hanger..... #600111



### PLYWOOD ADAPTER

Extremely handy when pipes, sleeves, or rebar must penetrate form face.

- Designed to accommodate 3/4" plywood.
- Allows 4" – 12" wide wood fillers to be pinned to 6•12 hole pattern forming systems.
- Available in 10 heights to accurately meet your needs.

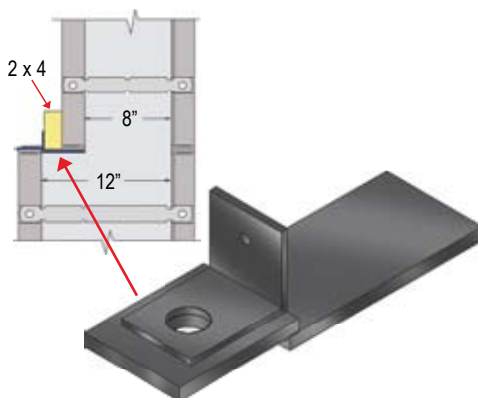
Plywood Size 3/4" x 12"	#842580
Plywood Size 3/4" x 24"	#842579
Plywood Size 3/4" x 36"	#842578
Plywood Size 3/4" x 48"	#842577
Plywood Size 3/4" x 60"	#842576
Plywood Size 3/4" x 72"	#842575
Plywood Size 3/4" x 84"	#842574
Plywood Size 3/4" x 96"	#842573
Plywood Size 3/4" x 108"	#842572



### ADJUSTABLE BLOCKDOWN

This bracket can be located in a wide variety of locations. Great for use when blocking down for garage door openings, as well as T intersections. Maintain the look of your walls (Smooth or Vertex) in applications such as window wells.

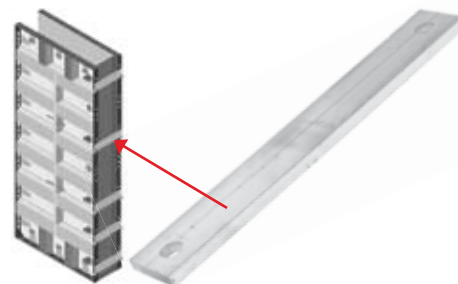
24" Blockdown Bracket ..... Call to order



### BRICKLEDGE BAR with ATTACHED CLIP

Diagram illustrates placement of Brickledge Bar with Attached Clip to create step-out on 8" concrete wall for brick placement on wider (12") lower section of exterior wall. Wood 2 x 4 is placed between clip section and form.

Brickledge Bar w/Attached Clip ... .600142



### BULKHEAD BAR

Quickly support and attach dimension lumber bulkheads to wall form panels.

- Available for PinLock™ or Pin/Wedge apps
- Reduces attachment time
- Reduces safety risks
- Available in a variety of width dimensions

#### PINLOCK APPLICATION

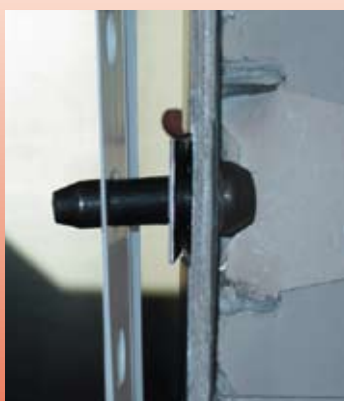
True 8"	#602040
True 10"	#602041
Nominal 8"	#602026
Nominal 10"	#602027

#### PIN/WEDGE APPLICATION

True 8"	#600087
True 6-8-10"	#600095
True 8-10-12"	#600097
Nominal 8"	#600086
Nominal 6-8-10"	#600094
Nominal 8-10-12"	#600096



## CONTROL JOINT & INSULATION SYSTEM



### CONTROL JOINT

Create a specified point to control where cracks occur.  
Use Control Joints to prevent potential damage by applying additional waterproofing to the area.

- Combination 6-12 & 8-8 hole pattern
- 9' Sticks, 25 per bundle

Control Joint ..... #500861



Installed E-Maxx ready for pour



E-Maxx installs easily



E-Maxx Corner



E-Maxx Corner & T-Studs with Polystyrene Insulation



Poured wall  
foundation  
with E-Maxx

### E-MAXX INSULATION SYSTEM

Providing contractors the ability to build "Insulated Concrete Walls" (ICW's) that cut down on the biggest types of energy loss. ICW's reduce air infiltration by about half, compared to wood frame walls. The Total Effective R-Value performance in ICW's consists of three factors:

1. R-Value of expanded polystyrene;
2. Thermal mass of the concrete;
3. The enormous reduction in air infiltration.

E-Maxx 9' T-Studs ..... 502609

E-Maxx 9' Corner ..... 502619

E-Maxx Insulation.....Call to order

## FIELD SUPPORT PRODUCTS



### FORM SCRAPER

Proper care and maintenance have allowed Western Forms customers to receive thousands of reuses of their forms. Help keep your forms clean with this handy tool.

- Ideal for cleaning concrete buildup from side and endrails.
- Reversible, solid carbide blades offer durability and extended life.
- Sure-grip, direct-pressure, angled handle.

2500 Series Scraper ..... #600089  
2-1/2" Refill Blades ..... #610059

### PORTA CHUTE

Attaches quickly to ready-mix truck to funnel and control concrete flow. Features heavy-duty vinyl nozzle with handle for accurate placement of concrete by one person.

- Makes easy work of pouring footings pier pads, and floors.
- Does not roll sand fill
- High pressure capacity
- Available as complete product or separate parts

Porta Chute Complete ..... #600093  
Porta Chute Hose Clamp ..... #611090  
Hopper Only ..... #611092  
5' Rubber Nozzle ..... #611075  
8' Rubber Nozzle ..... #611998  
10' Rubber Nozzle ..... #610996



### SPRAY TANKS

Western Forms customers' most requested Spray Tanks are Western's 60 gallon and our 30 gallon units. Reduce waste and nozzle plugging with these filtered tanks. Features include:

- 4' Spray Wand
- 100' of hose
- High pressure capacity
- Pressure pop-off valve
- Safety fill valve
- Standard motor mounting brackets
- Hose hangers
- Pressure gauge
- Visual oil check
- Quick disconnects at tank and wand
- Automotive air stem valve
- Pre-drilled feet brackets for tank mounting

60 Gallon Tank ..... #600027 (holds 30 gallons of form release)  
30 Gallon Tank ..... #600091 (holds 15 gallons of form release)  
4' Spray Wand ..... #600028  
6' Spray Wand ..... #609950



## WALL ALIGNERS & FORM TIE TOOLS



### WALL ALIGNER with SLIP BAR

The Western Forms Wall Aligner with Slip Bar is a great tool for shifting forms to align and straighten your walls. The slip bar (spoon end) can be slid under the endrail (top or bottom rail) of the form to scoot the form into line. Insert spoon end at footing and pin chain to forms for leverage to move the wall.

- Handle may be used to remove flat head pins on laydown forming applications
- Replaceable tire iron end

Wall Aligner with Strip Bar ..... #600000  
Tire Iron End. .... #600827



### BIG BLUE WALL PULLER COMBO

Combination Wall Puller and Wall Aligner in one convenient product.

Leverage allows one person to move forms into position and square corners. Heavy duty Chain attaches to forms of a set wall with pin and wedge to adjust form position.

Wall Puller Combo ..... #600119



### TIE BREAKER BAR

Vertically breaks ties quickly and easily without damaging walls. Recommended for use with Breakback Ties.

Tie Breaker Bar ..... #600210



### FORM TIE PULLER

Designed to easily remove reusable form ties when used with foam tie sleeves.

Form Tie Puller ..... #600125

## WALL BUILDING SUPPORT PRODUCTS

### WALL BRACE with BRACE ENDS

Bring the top of your walls into alignment with this 1.5" aluminum hex tube Wall Brace with adjustable push-pull turnbuckle.

- Lightweight
- Easy grip
- Attaches easily
- Adjusts quickly
- Available with PinLock™ attachment also sold separately



Wall Brace 10' 6" Long.....	#600046
Wall Brace 10' 6" w/PinLock Attachment.....	#600129
Wall Brace 5' 3" Long.....	#600052
Wall Brace 5' 3" w/PinLock Attachment.....	#600128

### FORM STRIPPING TOOL

Ideal for close quarter applications, this tool provides additional leverage for stripping form panels in most any location.

- All steel
- Speeds stripping time
- Helps preserve aluminum forms' facesheet
- Steel dowels at top end fit perfectly into tie-pin holes for solid leverage

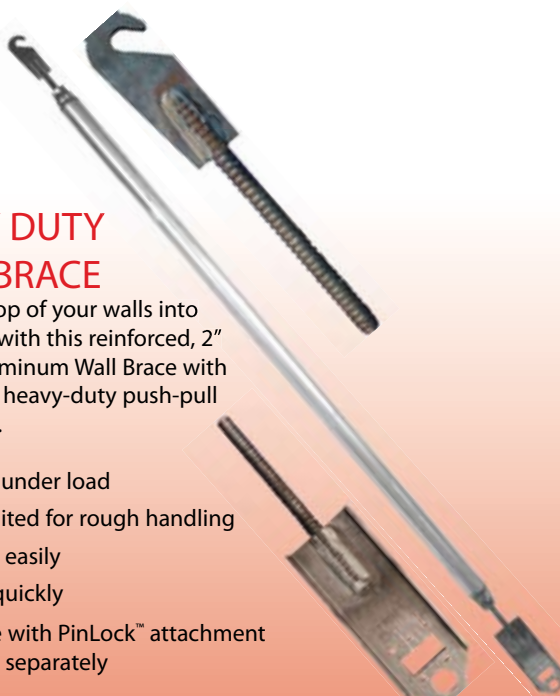


16" Form Stripping Tool.....	#600199
28" Form Stripping Tool.....	#600200

### HEAVY DUTY WALL BRACE

Bring the top of your walls into alignment with this reinforced, 2" tubular aluminum Wall Brace with adjustable, heavy-duty push-pull turnbuckle.

- Less flex under load
- Better suited for rough handling
- Attaches easily
- Adjusts quickly
- Available with PinLock™ attachment also sold separately



HD Wall Brace 10' 6" Long.....	#600084
HD Wall Brace 10' 6" w/PinLock Attachment.....	#600130
HD Wall Brace 5' 3" Long.....	#600148
HD Wall Brace 5' 3" w/PinLock Attachment.....	#600908



### NEEDLE NOSE ADAPTER FOR PINLOCK

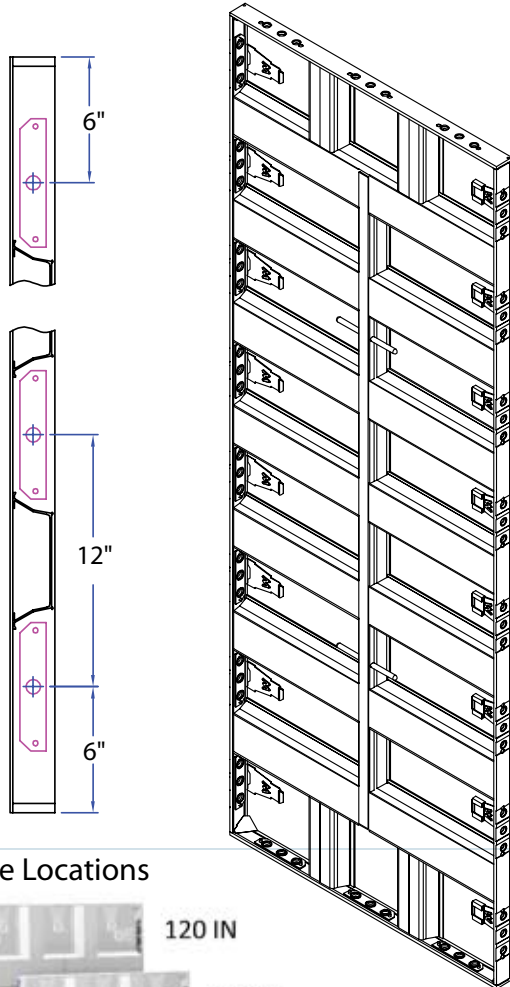
Facilitate regular maintenance and keep PinLock Attached Hardware lubricated with this specially designed fixture that attaches to standard grease guns.

PinLock Needle Nose Adapter.....	#500245
----------------------------------	---------



# Tech Data

## FORM FEATURES



**Specification:** Elite Wall Form

**Standard Width:**  
4" through 36" on 1" increments.

**Standard Height:**  
12" through 120" on 12" increments.

**Standard Depth:** 2-1/8"

**Weight of 36" X 96" Elite Forms:**  
Approximately 78 lbs.

**Form Material:**  
Aluminum with Steel Bushings

**Tie System:**  
Flat Ties (see Application Charts on pgs. 24-25 and Western's ties on pgs. 22-25)

**Load Rating:** 1,050 PSF

**Deflection:**  
36" span,  $D = L/144$  @ 1,050 PSF

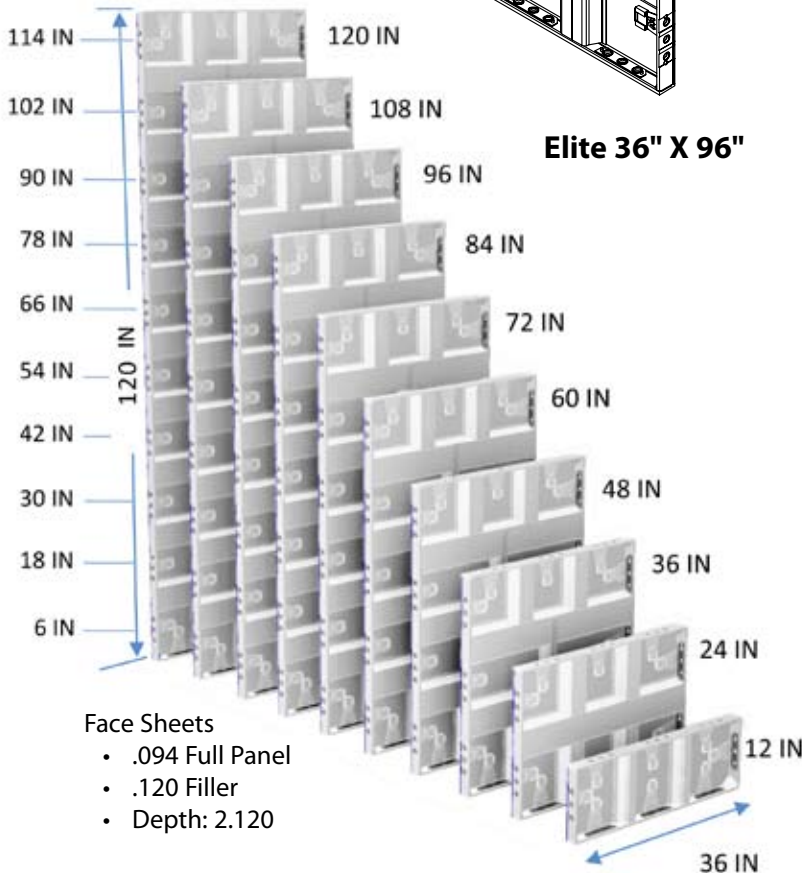
**Compatibility:**  
Elite Forms are recommended for forming applications requiring the highest standards for a wall flatness and maximum reuse. Elite Forms are preseasoned and ready to use. Pan-L-Cure preseasoning reduces break-in period: concrete stickage and reaction on initial pours. Base plates are provided for optional PinLock attached hardware. Elite forms are designed to withstand all standard pumping and vibration load conditions.

**Standard Elite Hole Pattern:** 6-12, with 3-hole, 11/16" dia. Spring Steel Bushings.

**Elite End Rails:** 6-12, with 3-hole, 11/16" diameter.

**Recommended Form Release:**  
Western Forms release agents are recommended for all Western Forms. See pages 38 and 39 for more details.

Tie Locations



## For Superior Looking Concrete



### BLUE RIBBON FORM RELEASE AGENT

Blue Ribbon Form Release Agent from Western Forms has NO EQUAL. This premier release agent outperforms all other agents on the market. Designed specifically for superior care on aluminum forms only, Blue Ribbon provides an excellent reactive release that results in keeping your aluminum forms clean. The exclusive formula offers exceptional value by allowing you to use a smaller amount of release agent and still achieve quality results.

#### Provides cost-effective solution

- Clean forms easier and faster to reduce maintenance costs by eliminating concrete buildup
- Proven cleaning ability enhances the extended life of your forms
- Apply architectural coatings without primers or cleaning
- Requires less product to complete job
- Remains effective even when applied up to five weeks prior to pour

#### Reduces concrete buildup on forms

- Designed to not stain walls
- Reduces bugholes
- Recommended for both smooth & brick pattern finishes

#### Promotes employee safety & convenience

- Enjoy a pleasant smell
- 100% VOC Compliant





## For Superior Looking Concrete

### KLEEN STRIP FORM RELEASE AGENT

Kleen Strip Form Release Agent leaves your wall surface ready to receive paint, mortars, and moisture proofers. Bughole appearance and occurrence is minimal compared to non-reactive agents. Kleen Strip provides an excellent low-cost alternative while complying with all state VOC regulations.



- Economical
- Sprayed easily down to 35 degrees above zero
- Premium quality
- VOC compliant

5-Gallon Bucket ..... #509981  
55-Gallon Drum ..... #500210  
275-Gallon Tote ..... #500242

Bulk delivery available in select areas

- Forms release easily
- Minimizes bugholes
- Cuts maintenance costs

### WESTERN GOLD

Western Gold Standard can be added to Blue Ribbon or Kleen Strip to increase reactivity and clean build-up off forms. It is also a concentrated, highly reactive petroleum mixture that when properly diluted, can be used as:

- Reactive Form Release Agent
- Aluminum Form "Seasoning" Agent
- Concrete Softener and Maintenance Coating

Depending on use, Western Gold is diluted with a V.O.C. compliant oil or other approved diluent as follows:

- Form Release Agent = 5 gallons of Western Gold to 50 gallons VOC;
- Aluminum Form Seasoning Agent = 5 gallons of Western Gold to 10 gallons VOC;
- Concrete Remover/Protective Barrier = 5 gallons of Western Gold to 5 gallons VOC.

5-Gallon Bucket ..... #509505



### ROYAL SEASONING

Royal Seasoning is used to season or condition the surface of new, unused aluminum forms. Royal Seasoning oxidizes the surface of aluminum forms to help prevent concrete from adhering to the form surface on initial pours. Helps to reduce break-in period of new or recently cleaned aluminum forms.



#### ADVANTAGES:

- Eliminates residual oil;
- Creates less mess than alternative means of seasoning;
- Workable at 70 degrees F+.
- Lengthens form life.



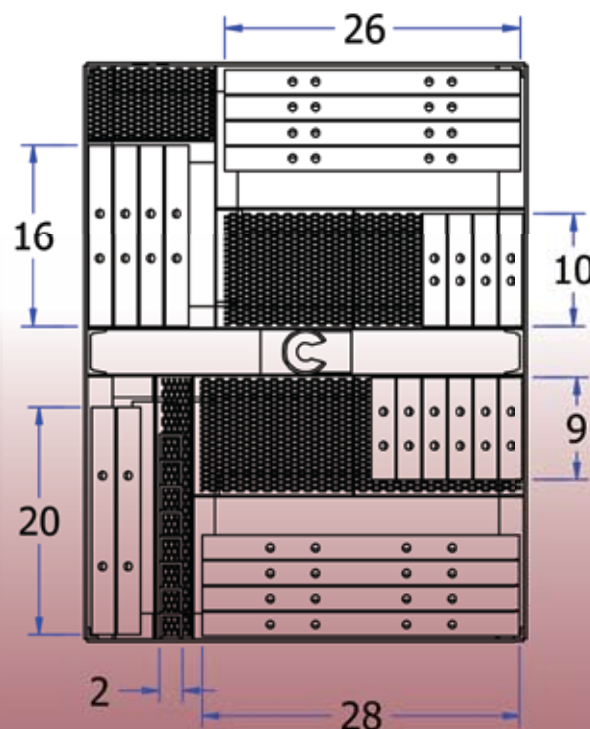
5-Gallon Bucket ..... #519085

## For Full- and Half-Height Forms & Fillers



### FORM BASKET CHOICES

Styles vary and include multiple partition sizes depending on your requirements. Standard baskets available for 36" wide forms in full- and half-height basket sizes. Basket styles include partitions for a variety of widths, as shown here.





## AVAILABLE IN FULL- AND HALF-HEIGHTS

### FULL-HEIGHT FORM BASKETS





Please complete the following 2 pages and return by FAX to Western Forms at: 816-241-6877. For more information call Customer Service at: 816-777-3956. Required information includes:

- Completed Credit Application;
- Last Two Years Profit & Loss Statements\*;
- Last Two Years Balance Sheets\*;
- Personal Financial Statements of Principles;
- Include Last Two Personal Tax Returns, if Sole Proprietorship.

\*Company tax returns are acceptable substitutes

CONFIDENTIAL

## APPLICATION FOR CREDIT

CONFIDENTIAL

### COMPANY INFORMATION

Company			Contact Person		
Bill to Address			Ship to Address		
City, State, Zip			City, State, Zip		
Business Phone	Business Fax	County (Important)	PO# Required Yes ___ No ___		
Year Started/Incorporated	Tax Exempt # (Send Copy)	Federal Tax ID #	<input type="checkbox"/> Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Proprietorship		
Amount of Credit Request	Accounts Payable Contact and Title			Accts. Payable Phone	
Have you ever filed bankruptcy? If yes, Explain			Are you a defendant in any legal action? If yes, Explain		
Have you ever had a judgment or lien? If yes, Explain			Any Repossessions? If yes, Explain		

### OWNER INFORMATION

Name/Title	Home Phone	Social Security #
Address		City, State, Zip
Name/Title	Home Phone	Social Security #
Address		City, State, Zip
Name/Title	Home Phone	Social Security #
Address		City, State, Zip

### TRADE REFERENCES

Company	Contact	City, State, Zip	Phone	Acct. #
Company	Contact	City, State, Zip	Phone	Acct. #
Company	Contact	City, State, Zip	Phone	Acct. #



# Credit Application

## BANK REFERENCES

Bank		Contact person	
City, State, Zip	Phone	Fax	
Checking Acct. #		Loan Acct. #	
Bank		Contact person	
City, State, Zip	Phone	Fax	
Checking Acct. #		Loan Acct. #	

If this credit application is accepted and credit is extended, the applicant shall be deemed to have understood and agreed to the following terms and conditions. If accounts are not promptly paid when due and this account is collected by a collection agency and/or attorney, by suit or otherwise, the applicant agrees to pay all collection fees and/or attorney's fees and the cost of collection. Terms, if not otherwise specified, are net 30 days. Such interest shall be added to any unpaid balance at the rate of 1.5% per month. Which is equivalent to 18% per annum or a minimum of \$.50 per month. If existing laws prohibit such interest, then the maximum allowed under local statutes shall be in effect. I authorize you to release any of my banking information, both business and personal, to Western Forms, Inc.

\_\_\_\_\_  
Name (Please Print)

\_\_\_\_\_  
Signature of Company Officer (Officer, Partner, Owner)

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date of Application

## PERSONAL GUARANTEE OF PAYMENT REQUIRED FOR ACCESSORY CREDIT LINE

Further, the undersigned do hereby individually, jointly and severally guarantee the total debt. This personal guarantee shall include any and all sums due for principal balances incurred, interest and late charges incurred, attorneys' fees assessable by Western Forms, Inc. Western Forms, Inc. against the aforementioned business for default in payment, and any and all cost incurred by Western Forms, Inc. in pursuing any legal action against the aforementioned business or against us individually. Such attorneys' fees shall be in the amount of twenty-five (25%) of the total principal, interest and late charges due and owing.

This personal guarantee shall be continuing in nature, and shall cover any and all past, current and future orders placed with Western Forms, Inc. This personal liability shall not be conditioned in any way on Western Forms, Inc.'s ability to collect from the business, but shall be an immediate and enforceable personal liability of the undersigned jointly and severally. This liability shall be binding on each and every of the heirs, personal representatives, assigns, transferees of the undersigned.

The undersigned hereby individually and jointly consent to the personal jurisdiction of the Missouri Courts, and agree that all matters hereunder shall be governed by Missouri Law.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

**PLEASE ATTACH YOUR PAST TWO YEARS FINANCIAL STATEMENTS, INCLUDING BALANCE SHEET.**

FOR OFFICE USE ONLY			
Business Unit	Precast	AFO	NAFO
Sales Manager - Date	Credit Manager - Date	Sales Rep - Date	



6200 Equitable Road  
Kansas City, MO 64120  
Office: 816-241-0477  
FAX: 816-241-6877



6200 Equitable Road  
Kansas City, MO 64120  
Office: 816-241-0477  
FAX: 816-241-0677

BUSINESS INFORMATION					
COMPANY NAME (Full Legal Name Including DBA if Applicable)			CONTACT		PHONE NO.
ADDRESS (City, State, County & Zip Code)				Annual Sales:	
EQUIPMENT LOCATION ADDRESS (if different than above) (City, State, County & Zip Code)				Average Bank Account Balance:	
PROPRIETORSHIP <input type="checkbox"/> PARTNERSHIP <input type="checkbox"/> CORPORATION <input type="checkbox"/> LLC <input type="checkbox"/>		YRS. CURRENT OWNERSHIP	YRS. IN BUSINESS	FED. TAX ID. NO.	
BANK REFERENCES					
BANK NAME & BRANCH	CITY / STATE	TELEPHONE NO.	ACCOUNT TYPE	CONTACT	ACCOUNT NUMBER
1.					
OWNERS INFORMATION "					
NAME AND TITLE					
STREET ADDRESS					
CITY, STATE, ZIP					
TELEPHONE NO.					
SOCIAL SECURITY NO.					
OWNERSHIP PERCENT					
FINANCE					
VENDOR	STREET ADDRESS		CITY	STATE	ZIP
CONTACT			TELEPHONE NUMBER		
EQUIPMENT DESCRIPTION					
<input type="checkbox"/> NEW <input type="checkbox"/> USED					
EQUIPMENT COST		TERMS		MONTHS	
<b>IMPORTANT — APPLICANT READ BEFORE SIGNING</b>					
<p>The undersigned represents that all information provided with this Application is true and correct and hereby authorizes Lessor/Secured Party, to obtain from third parties, including Applicant's bank, information it deems necessary to arrive at a decision regarding this Application. By signing below, the undersigned individual(s) as principal of and/or guarantor for the applicant, authorizes Lessor/Secured Party, its designee, assigns or potential assigns, to review his/her personal credit profile provided by a national credit bureau in considering this Application and for the purpose of update, renewal, or extension of credit to the Applicant or the collection of any resultant accounts. I authorize all deposit, borrowing, financial and trade information to be released to Lessor/Secured Party by telephone or fax. A photocopy or fax of this authorization shall be valid as the original. To help fight terrorism and money laundering, the information you provide may be verified to allow us to identify you.</p>					
DATE	SIGNATURE		TITLE		
DATE	SIGNATURE		TITLE		



# Created Aluminum Form Industry



**Western Forms** is the recognized global leader in Aluminum Forming Systems used in building construction.

Western Forms started in 1955 as a small entrepreneurial effort by E. B. Ward.

In 1962 E.B. Ward invented the first fabricated aluminum form, creating the aluminum formwork industry. His vision, values, and dreams have been carried forward by his sons and grandsons.

Today, Western Forms has grown into a group of companies who serve its customers with the very best handheld and crane-set aluminum forming systems and services available.



## Our Vision

To passionately provide customers with innovative full-system aluminum concrete forming technology, service and expertise that helps them successfully build their business and serve their customers' needs, *beyond expectation*.

## Our Value Proposition

- Help customers deliver sustainable concrete structures at the lowest cost.
- Accelerate construction time by up to 50%.
- Reduce construction cost up to 50%.
- Provide comprehensive, customer-centric solutions and services resulting in proven project results.
- Manufacture the highest quality, longest lasting and best performing aluminum forming systems that provide a high resale value.
- Design modular, adaptable formwork systems that are adaptable to a wide variety of residential foundation projects and commercial concrete structures.



*Proudly  
Made in  
the USA*

Email: [info@westernforms.com](mailto:info@westernforms.com) • Phone Orders & Info: 816-777-3956  
[www.westernforms.com](http://www.westernforms.com) • [www.westernformsapp.com](http://www.westernformsapp.com)