BUILDING STRENGTH™

BAR SUPPORT HANDBOOK

CONCRETE CONSTRUCTION PRODUCTS

DAYTON® SUPERIOR®

Notes and Sketches

Safety Information

WARNING

Improper Use of Concrete Accessories Can Cause Severe Injury or Death

Read, understand and follow the information and instructions in this publication before using any of the Dayton Superior concrete accessories displayed herein. When in doubt about the proper use or installation of any Dayton Superior concrete accessory, immediately contact the nearest Dayton Superior Service Center or Technical Service Department for clarification. See back cover for your nearest location.

Dayton Superior products are intended for use by trained, qualified and experienced workers only. Misuse or lack of supervision and/or inspection can contribute to serious accidents or deaths. Any application other than those shown in this publication should be carefully tested before use.
The user of Dayton Superior products must evaluate the product application, determine the safe working load and control all field conditions to prevent applications of loads in excess of a product's safe working load. Safety factors shown in this publication are approximate minimum values. The data used to develop safe working loads for products displayed in this publication are a combination of actual testing and/or other industry sources. Recommended safe working loads given for the products in this publication must never be exceeded.

Worn Working Parts

For safety, concrete accessories must be properly used and maintained. Concrete accessories shown in this publication may be subject to wear, overloading, corrosion, deformation, intentional alteration and other factors that may affect the device's performance. All reusable accessories must be inspected regularly by the user to determine if they may be used at the rated safe working load or should be removed from service. The frequency of inspections depends upon factors such as (but not limited to) the amount of use, period of service and environment. It is the responsibility of the user to schedule accessory hardware inspections for wear and remove the hardware from service when wear is noted.

Shop or Field Modification

Welding can compromise a product's safe working load value and cause hazardous situations. Knowledge of materials, heat treating and welding procedures is necessary for proper welding. Consult a local welding supply dealer for assistance in determining required welding procedures.
Since Dayton Superior cannot control workmanship or conditions in which modifications are done, Dayton Superior cannot be responsible for any product altered in the field.

Interchangeability

Many concrete accessory products that Dayton Superior manufactures are designed as part of a system. Dayton Superior strongly discourages efforts to interchange products supplied by other manufacturers with components supplied by Dayton Superior. When used properly, and in accordance with published instructions, Dayton Superior products have proven to be among the best designed and safest in the industry. Used improperly or with incompatible components supplied by other manufacturers, Dayton Superior products or systems may be rendered unsafe.

Installation

WARNING

1. Dayton Superior Corporation products shall be installed and used only as indicated on the Dayton Superior Corporation installation guidelines and training materials.
2. Dayton Superior Corporation products must never be used for a purpose other than the purpose for which they were designed or in a manner that exceeds specific load ratings.
3. All instructions are to be completely followed to ensure proper and safe installation and performance
4. Any improper misuse, misapplication, installation, or other failure to follow Dayton Superior Corporation's instruction may cause product malfunction, property damage, serious bodily injury and death.

THE CUSTOMER IS RESPONSIBLE FOR THE FOLLOWING:

1. Conformance to all governing codes
2. Use of appropriate industry standard hardware
3. The integrity of structures to which the products are attached, including their capability to safely accept the loads imposed, as evaluated by a qualified engineer.

SAFETY INSTRUCTIONS:

All governing codes and regulations and those required by the job site must be observed. Always use appropriate safety equipment

Design Changes

Dayton Superior reserves the right to change product designs, rated loads and product dimensions at any time without prior notice.

Note: See Safety Notes and Safety Factor Information.

DAYTON SUPERIOR

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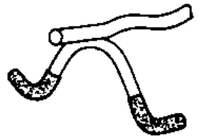
Metal Individual Supports

Supports for Rebar and Wire Mesh

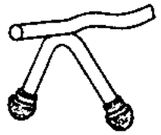
Dayton Superior manufactures a complete line of rebar and/or mesh supports. All Dayton Superior rebar supports comply with American Concrete Institute (ACI) ACI-50-66, ACI-315 and ACI-315R. Supports are available bright basic, plastic protected, epoxy coated, galvanized, and stainless steel for various corrosion resistance protection.

Dayton Superior rebar supports are shipped in convenient cartons, bundles or on skids and are clearly identified.

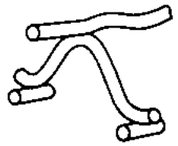


Baked on Plastic Feet

Epoxy-Coated



Plastic Tipped Feet



Stainless Steel Tips

General Notes

Pre-galvanized (zinc-coated), hot-dipped and stainless steel supports are furnished with the legs pre-galvanized, hot-dipped, or fabricated exclusively from AISA Type 304/316 Stainless Steel. All legs on supports will be turned up a minimum of 1/8".

We can plastic dip the top 2" or bottom (not both) on all SBU, BBU, CHCU, CHC and HC. We can put stainless steel or mill galvanized wire runners on all SBU, BBU and CHCU.

Rust Prevention

Bar supports are classified in terms of methods employed to minimize rust spots or similar blemishes on the surface of the concrete directly caused by the bar support. The three classes and their intended degree of protection are:

Class 1

Maximum protection; which is intended for use in situations of moderate to severe exposure and/or situations requiring light grinding (under 1/16") or sandblasting of the concrete surface.

Class 1A

(FOR USE WITH EPOXY-COATED REINFORCING BARS)
Epoxy-Coated, Vinyl-Coated, or Plastic-Coated Bright Basic Wire Supports — which are intended for use in situations of moderate to maximum exposure where no grinding or sandblasting of the concrete surface is required. They are generally used when epoxy-coated reinforcing bars are required.

Class 2 Type A

Moderate protection; which is intended for use in situations of moderate exposure and/or situation requiring light grinding (under 1/16") or sandblasting of the concrete surface.

No non-stainless steel wire of the bar support will be closer than 1/4" from the form surface. Aluminum oxide wheels should be used when grinding is necessary. Iron oxide will leave rust marks.

Class 2 Type B

Moderate protection; which is intended for use in situations of moderate exposure and/or situation requiring light grinding (under 1/16") or sandblasting of the concrete surface.

No non-stainless steel wire of the bar support will be closer than 3/4" from the form surface. Aluminum oxide wheels should be used when grinding is necessary, Iron oxide will leave rust marks.

Class 3
No Protection

No protection against rusting; which is intended for use in situations where surface blemishes can be tolerated, or where the supports do not come in contact with the exposed concrete surface.

Plastic Reinforcement Supports

Plastic reinforcement supports shall be permitted to be used for all corrosion resistance classifications.

Dayton Superior offers many wire bar supports with a mill galvanized or hot dipped galvanized finish. No rust preventative standard is expressed or implied.

Metal Individual Supports

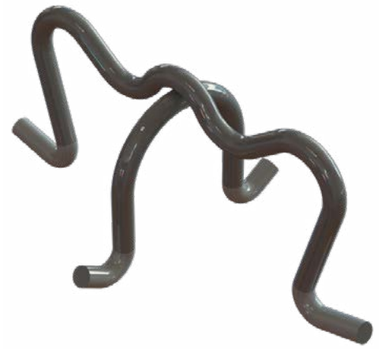
Metal Individual Supports

Joist Chair - JC

APPLICATION:
To support reinforcing bar in ribs of a joist or grid type slab.

Available in plain, Galvanized, plastic dip or epoxy coated.

HEIGHT:
3/4" to 1-1/2"



Bar Chair - BC

APPLICATION:
To support wide spaced light steel in slab or deck construction.

Available in plain, galvanized, plastic dip, plastic tip or epoxy coated finish.

HEIGHT:
3/4" to 2", in 1/4" increments

FEATURES:
- Formed cradle to place wire mesh or reinforcing bar.
- Foot designed to set on most forming surfaces.

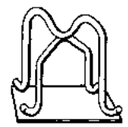
Bar Chair with Plate - BCP

APPLICATION:
To support wide spaced light steel in slab construction on loosely compacted soil, rock base, sand base or carton forms.

Available in plain or epoxy coated.

HEIGHT:
Available in heights of 1" to 2", in 1/4" increments.

FEATURES:
- Steel plate provides bearing on forming surface to maintain chair at desired elevation.



Solid plate available on special order.

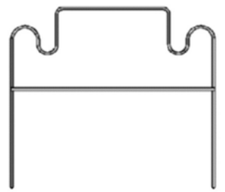
Speed Chair - SC

APPLICATION:
To support fixed spaced light steel in slab or footer construction on loosely compacted soil, rock base, sand base, or carton forms.

Available in plain only.

HEIGHT:
3" to 8"

FEATURES:
- Formed cradle to place rebar or wire mesh
- On grade penetrating legs for height adjustability



Metal Individual Supports

Individual High Chair - HC

Dayton Superior's Individual High Chair is used to support upper steel directly or by means of a carrier bar. Available in 2" to 15" heights in plain, plastic dip, plastic tip or epoxy-coated wire.

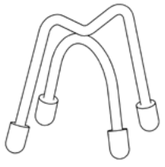
APPLICATION:
To support reinforcing bar or wire mesh during concrete placement in Flat Slab, Tilt Wall Panel, Elevated Slabs, Precast Panels projects, to maintain proper concrete coverage.

HEIGHT:
Available in heights of 2" to 15" in increments of 1/4". Chairs over 12" require cross bracing or lacing of legs.

FEATURES:
- Formed cradle for placing reinforcing bar.
- Designed to resist deformation under construction loading.
- Wide leg span to allow chair to straddle lower bars.
- Foot designed for use on multiple forming surfaces. Plastic Dipped and Plastic Tipped chairs designed for exposed conditions, i.e. Tilt Wall Panels.

High Chair with turned up leg

Stainless dowels on chairs over 3"



Plastic tipped legs available

Plastic dipped legs available

Aztec® Sand Plate - R28

APPLICATION:
Attachment to HC to allow for on grade compatibility.

HEIGHT:
Fits 2" to 8" High Chairs

FEATURES:
- Clipped rails for positive connection to HC
- Wide enough to accept multiple height chairs

Individual High Chair With Plates -HCP

APPLICATION:
Support reinforcing steel over loose compacted soil base, rock base, sand base or carton forms during normal construction.

HEIGHT:
2" to 12" on 1/4" increments.

FEATURES:
- Formed cradle for placing reinforcing bar.
- 1" wide steel plates (2) provide bearing surface to allow high chair to remain at elevation.
- Available in epoxy coated or hot dipped galvanized finish on special order basis.

NOTE:
Single solid plate available on special order basis, only.

Metal Individual Supports

High Chairs for Metal Decking - HCM

APPLICATION:

To support reinforcing bar on metal deck or uneven forming surface.

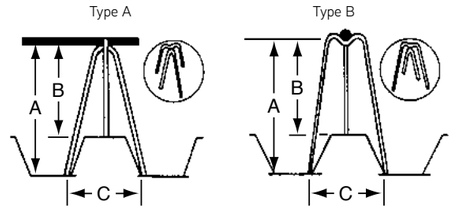
Legs of different length to fit the design of the uneven surface.

Available in plain, hot dipped galvanized or epoxy coated finish.

HEIGHT:
Available in heights of 2" to 9" with leg spacing of 4-1/2" to 10"

FEATURES:
Two cradle types.
- Type A positions bar perpendicular to rib.
- Type B positions bar parallel to rib.

Order Information must include:
Cradle Type (A or B), Dimensions for A, B and C, and finish type.



HCM - High Chairs for Metal Decking

NOTE:
- Leg span "C" must decrease as chair height decreases due to chair geometry.
- ALL HCMs are Made-to-order.
- Some states specify modified chair design. Approval may be required, with a drawing before manufacture of product
- HCM is a made to order item

Individual Ledger Chair - LC

APPLICATION:

To support reinforcing bar or wire mesh during concrete placement in Flat Slab, Tilt Wall Panel, Elevated Slabs, Precast Panels projects to maintain proper concrete coverage.

HEIGHT:
Available in heights of 6" to 12-1/2" in increments of 1/2".
Chairs over 12" require cross bracing or lacing of legs.

LC - Individual Ledger Chair

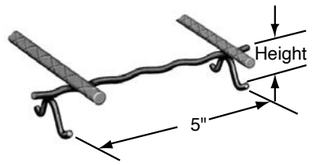
FEATURES:
- Forming cradle for placing reinforcing bar.
- Designed to resist deformation under construction loading.
- Wide leg span to allow chair to straddle lower bars.
- Foot designed for use on multiple forming surfaces. Plastic Dipped and Plastic Tipped chairs designed for exposed conditions, i.e. Tilt Wall Panels.

Slab Bolster - SB

APPLICATION:
To support lower slab steel, on continuous 5ft long top wire.

HEIGHT:
3/4" to 3", in 1/2" increments.
(Other sizes can be made to order, please contact us for details.)

FEATURES:
- Corrugations on top wire are space on 1" centers to serve as guides for spacing reinforcing bars.
- Available in plain, galvanized, plastic dip, plastic tip or epoxy coated finish
- CRSI RB4.1-2022 Compliant



Slab Bolster Upper - SBU

APPLICATION:
To support one layer of steel above another and space them to required distance. May also be used to support steel on soft material form surface, such as carton forms or fill material.

HEIGHT:
3/4" to 3", in 1/2" increments.

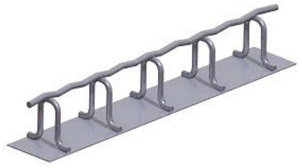
FEATURES:
- Some sizes are available with corrugated top wire to serve a guide for spacing reinforcing steel.
- Available in plain, galvanized, stainless steel or epoxy coated.
- CRSI RB4.1-2022 Compliant
- 5' lengths standard. Other lengths available as special order.

Slab Bolster with Plate - SBP

APPLICATION:
To support lower slab steel on fill or other soft materials. Continuous 5 ft long top wire eliminates the need for a carrier bar or many individual supports.

HEIGHT:
¾" to 3", in ¼" increments

FEATURES:
- Corrugations on top wire are spaced on 1" centers to serve as guides for placing reinforcing bars.
- Steel plate provides bearing surface on loosely compacted soil, rock base, sand base or carton forms.
- Available in plain, galvanized or epoxy coated finish

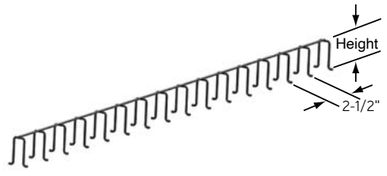


Beam Bolster - BB

APPLICATION:
To support lower beam steel from the soffit form. Legs are spaced on 2-1/2" centers. Available in 1-1/2" to 5" heights in 5' lengths. Manufactured in bright basic, plastic protected, galvanized, epoxy coated or stainless steel protected. Available in 5 ft length, other lengths available on special order basis.

HEIGHT:
1" to 5", in 1/4" increments

FEATURES:
- Legs placed on 2-1/2" centers to allow Beam Bolster to be field cut to
  fit soffit width while maintaining adequate support.



Beam Bolster Upper - BBU

APPLICATION:
To support successive layers of steel, one above the other by being placed on and perpendicular to lower steel. Available in plain or epoxy coated finish. Available in 5 ft length, other lengths available on special order basis.

HEIGHT:
1" to 5" in 1/4" increments.

FEATURES:
- Lower runner wires provide bearing on lower mat steel or carton form surface.
- Support legs on 2-1/2" centers allow for cutting to length in the field and reinforcing steel to be spaced closely together.

Heavy Beam Bolster - HBB

HEIGHT:
1" to 5", in 1/4" increments

FEATURES:
- Legs placed on 2-1/2" centers to allow Beam Bolster to be field cut to fit soffit width while maintaining adequate support.
- The Heavy Beam Bolster is a made to order item (MTO)

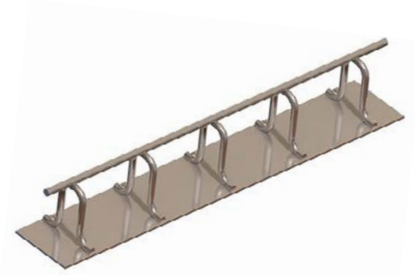
Beam Bolster with Plate - BBP

APPLICATION:
To support lower beam steel on loosely compacted soil, rock base, sand base or carton form surface. Available in plain finish in 5' lengths.

HEIGHT:
1" to 2" in standard (7 ga.) or heavy (4 ga.) wire.

HEIGHT:
2-1/4" to 5", in ¼" increments (4 ga.) wire.

FEATURES:
- Single plate provides bearing surface to keep Beam Bolster at elevation.
- Support legs spaced on 2-1/2" centers to provide adequate support and allow for cutting to length in the field.
- Top carrier wire allows for reinforcing steel to be spaced closely together.
- The Beam Bolster with Plate is a made to order product (MTO)

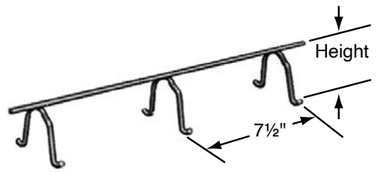


Continuous High Chair - CHC

Dayton Superior's Continuous High Chair provides support for upper slab steel eliminating the need for carrier bars. Fabricated in 2" to 14" heights x 5' lengths with legs spaced on 7-1/2" centers. Available in plain plastic dip, galvanized, epoxy coated and stainless steel.

APPLICATION:
- Support upper slab steel from slab form surface.
- Substitutes for individual chair supports.

NOTE:
Available in 10' lengths on special order basis.



Continuous High Chair with Plate - CHCP

APPLICATION:
Continuous High Chair with Plate is designed to support upper slab steel on fill or sand base or carton form surface.

HEIGHT:
2" to 15" in 1/4" increments.

FEATURES:
- 5 ft. long top wire eliminates the need for carrier bar to support upper steel.
- 1" wide plates (2) provide bearing surface to keep CHCP at elevation while resting on fill or sand.

NOTE:
CHCP will not straddle lower steel due to the continuous bearing plates welded to legs. CHCP is a make to order item.

CHCP-Cont. High with Plates Manufactured to Order

Continuous High Chair Upper - CHCU

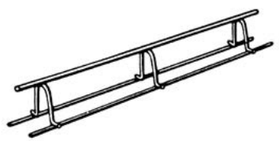
Dayton Superior's Continuous High Chair provides support for upper slab steel eliminating the need for carrier bars. Fabricated in 2" to 15" heights in 5' lengths with legs spaced on 7-1/2" centers. Available in plain, epoxy coated and galvanized.

APPLICATION:
Continuous High Chair Upper is used to separate two layers of steel. Runner wire on the bottom allows CHCU to rest on the lower mat of steel to support the upper mat. Available in plain, hot dipped galvanized or epoxy coated finish.

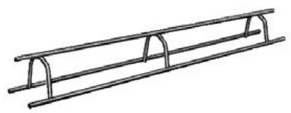
HEIGHT:
Available in heights of 2" to 15" in 5' lengths.

FEATURES:
5' long top wire eliminates the needs for carrier bars to support upper steel.

NOTE:
- Also available in 10' long lengths on special order.
- CHCU has also been used to support upper steel when used on carton form surface. See carton form manufacturer data sheet for recommendations.
- CRSI RB4.1-2022 Compliant



CHCU-Cont. High Chair Upper Lap Weld



CHCU-Cont. High Chair Upper Butt Weld

CS - Continuous Support

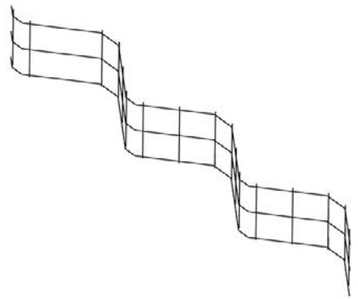
A continuous metal bar support used to maintain the elevation of rebar in reinforced concrete.

APPLICATION:
Supports one layer of steel above another and space them to required distance. It may be used to support steel on soft material form surface, such as carton forms or fill material.

HEIGHT:
2" to 16" in 1/2" increments

FEATURES:
- Melted, rolled and manufactured in the USA
- Usable product span is 7'
- Available in plain finish
- Product heights from 2" to 7" have 2 runner wires
- Product heights of 7-1/2" to 16" have 3 runner wires

NOTE: Measure length is 7' and billing length is 8'



Caisson Alignment Bar - R0

APPLICATION:
The Caisson Alignment Bar is a side form spacer.

HEIGHT:
15-1/2"

FEATURES:
- Heavy weight wire diameter
- Caisson below grade compliant

Paragon Tilt-Up Chair

APPLICATION:
Tilt-Up, Slab, Walls and Above Grade

SIZE:
Options range from 3/4" to 5-3/4"

FEATURES:
- Designed for optimal aggregate flow
- Minimal footprint does not show after panel is erected
- High-strength plastic
- Dual height
- Concrete gray

Paragon Precast Wire Chair

APPLICATION:
Precast, Slab, Walls and Above Grade

SIZE:
1-1/2", 2"

FEATURES:
- Supports wire mesh
- Minimal footprint and concrete gray color make it excellent for architectural concrete
- Open design allows for maximum aggregate flow

Paragon Hog Slat Chair

APPLICATION:
Precast, Slab

SIZE:
3/8" x ½" x 3/4", 3/8" x ½" x 1", 3/8" x 3/8" x 1"
***first value denotes the bar size that snaps into the top of chair, second value denotes the bar size that snaps into the middle, and the third value denotes the distance between the middle bar and the bottom of the chair*

FEATURES:
- Hog Slat Chairs hold two reinforcing bars to provide proper placement of rebar in hog slat forms
- Designed for precast hog slat applications but can be used in a wide variety of application
- Manufactured from non-corrosive material
- Securely holds rebar in place
- Holds 2 pieces of rebar

Aztec® Plastic Paving Chair - PPC

APPLICATION:
DOT, on-grade, single mat.

HEIGHT:
1" to 9"

FEATURES:
- Clip for positive locking action
- Large foot for superior stability
- CRSI RB4.1-2022 Compliant

Aztec® Snap-On Mesh Chair - R22

APPLICATION:
DOT, On-Grade, wire mesh, single mat.

HEIGHT:
1" to 6"

FEATURES:
- Clip for positive locking action
- Large foot for superior stability

Aztec® E-Z Chair® - PEZ

APPLICATION:
Single Mat -Rebar or Wire Mesh, Bottom Layer Double Mat Rebar or Wire Mesh, Tilt-Wall, Side-Form Spacer, On-Grade: when used with Sand Plate

HEIGHT:
From 3/4" to 6" in 1/4" increments

FEATURES:
- Standard "Concrete Gray" color (custom colors available-inquire)
- Minimal surface contact
- Designed for maximum aggregate flow and concrete consolidation
- High load capacity
- Fits up to #8 rebar
- Does not straddle bottom rebar mat in double mat applications (for straddling applications, see Tower Chair or Straddle Chair)
- CRSI RB4.1-2022 Compliant

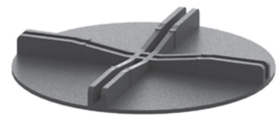
Aztec® E-Z Chair® Sand Plate - PSP

APPLICATION:
E-Z CHAIR™ for slab-on-grade conditions

HEIGHT:
From 1" to 6" for E-Z CHAIRS™

FEATURES:
Provides stable platform

Sold separately.
Assembly required.



Aztec® Bar Chair - PBC

APPLICATION:
Single Mat-Rebar or Wire Mesh, Bottom Layer Double Mat-Rebar or Wire Mesh, Tilt Wall, Side-Form Spacer, On-Grade: when used with Sand Plate

HEIGHT:
From 3/4" to 10" in 1/4" increments

FEATURES
- Standard "Concrete Gray" color
- Minimal surface contact
- Designed for maximum aggregate flow and concrete consolidation
- Fits up to #8 rebar
- Tower chair straddles lower rebar mat in double mat applications

Aztec® Tower Chair™ - PTC

APPLICATION:
Single Mat-Rebar or Wire Mesh, Bottom Layer Double Mat-Rebar or Wire Mesh, Tilt Wall, Side-Form Spacer, On-Grade: when used with Sand Plate

HEIGHT:
From 2-3/4" to 10" in 1/4" increments

FEATURES
- Standard "Concrete Gray" colo-
- Minimal surface contact
- Designed for maximum aggregate flow and concrete consolidation
- Fits up to #8 rebar
- Tower chair straddles lower rebar mat in double mat applications

Aztec® Hy-Chair™ (Hybrid) - PHC

APPLICATION:
A combination rebar support consisting of high strength plastic base (Tower Chair) and a wire upper wicket insert.

HEIGHT:
From 10-1/4" to 14" in 1/4" increments

FEATURES:
- Provides superior strength
- Supports loads up to 500 lbs
- Clearance heights up to 14"
- Straddles lower rebar mats up to 2-3/4"
- Pre-Assembled prior to packaging
- Plastic base insures minimal footprint
- Eliminates corrosion on exposed surfaces

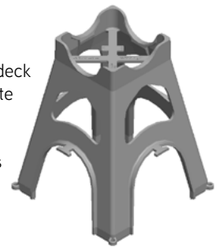
Aztec® EZ Set Chair - PEZS

APPLICATION:
Single mat – rebar or wire mesh, Double mat – rebar and or wire mesh, Slab, Side Form Spacer, Tilt, Precast, Tilt-Up, Foundations

HEIGHT:
From 2-3/4" – 14"

FEATURES
- Fits rebar sizes #3 to #10
- Available in ¼" increments
- Standard "concrete gray" color
- Minimal surface contact with deck
- Straddles lower rebar mat in double mat applications
- Upper and lower reinforcement mat tie-off points
- Nail-down feature to secure to deck
- Designed for maximum aggregate flow
- Non-corrosive material
- Conforms to CRSI specifications

PEZS 300



PEZS 500

Aztec® Tower Chair™ Sand Plate - PTCSP

APPLICATION:
On-Grade, DOT

HEIGHT:
Fits 2-3/4" to 10" Tower Chair/Hy-Chair

FEATURES:
- 5" x 5" Plate Dimensions

Aztec® Sand Chair - PPSC

APPLICATION:
On-Grade, D.O.T.

HEIGHT:
Fits 1-1/2" to 6"

FEATURES:
Ideal for highway applications

5"Size

6" Size

Aztec® Castle Chair™ - PCC

APPLICATION:
On-Grade, Single Mat Rebar or Wire Mesh, Bottom Layer Double Mat Rebar or Wire Mesh, Precast, Tilt-Wall, Insulated "Sandwich" Panels

HEIGHT:
From 1-1/2" to 6-1/4" (1/4" increments)

FEATURES:
- Heavy-duty, stackable design
- Fits up to #8 rebar
- Perfect for use on insulating foam or nonpenetrable vapor barriers
- Most stable on-grade chair available
- Each chair comes in two height combinations reducing inventory
- CRSI RB4.1-2022 Compliant

Paragon Mesh Chair

APPLICATION:
Slab, On-Grade

SIZE:
1", 2", 2.5", 3", 3.5" 4"

FEATURES:
- Round base provides stable support on grade
- Snap-in top allows mesh panels to be moved without chairs failing off
- On-grade Paragon products come in various colors
- Designed to support 6-10 gauge mesh

Aztec® On Grade Mesh Chair - PPMC

APPLICATION:
On grade

HEIGHT:
2"

FEATURES:

- Lightweight plastic
- Lock reinforcing mesh in place
- Large footprint for good stability on various base materials
- Cost effective
- Easy to handle
- Efficient application

Aztec® Snap-On Chair - PSN

APPLICATION:
Precast

HEIGHT:
From 3/4" to 2"

FEATURES:
Designed to fit both small diameter rebar and most diameters of welded wire fabric

Aztec® Utility Chair - PSUT

APPLICATION:
Precast

HEIGHT:
1-1/2"

FEATURES:

- Designed to fit #3 and #4 rebar
- Snap-on design eliminates the need to tie the support to the reinforcement
- Available for 1-1/2" cover

Paragon Intersectional Chair

APPLICATION:
Slab, On-Grade

HEIGHT:
From 1-1/2" to 5" (1/2" increments)

FEATURES:

- Holds cables from both directions
- Tips hold chairs securely in place
- On-grade Paragon products come in various colors
- Designed to support 3/8" or ½" diameter strand in post-tension applications

Aztec® Plastic Foam Anchor - PFA

APPLICATION:
Single, multi-layer foam anchor applications

HEIGHT:
6"

FEATURES:

- Spreaded top for easy penetration
- Button head design keeps the mesh firmly in place over the foam panel

Aztec® E-Z Bolt Holder - PEZBH

APPLICATION:
Support for threaded bolt at multiple heights

BOLT HEIGHT:
2" to 10"

FEATURES:

- Large foot for superior stability
- Adjustable heights in same part
- Nailing holes for attachment to plywood
- Locking ring for secure bolt connection

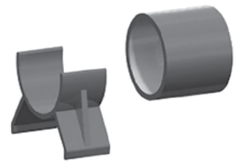
Aztec® Dowel Chair and Cap - PDCC

APPLICATION:
D.O.T. Retro-fit

HEIGHT:
5/8" only

FEATURES:

- Engineered specifically for highway retro-fit applications
- D.O.T. approved (in most states)
- Fits 1-1/4" and 1-1/2" epoxy-coated steel dowels
- Single unit includes chair and end cap
- Two units are required per dowel



Aztec® Screed Chair - PAS

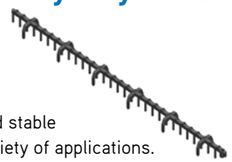
APPLICATION:
Elevated Slab, Slab on Grade

FEATURES:
- Fits 2x4 lumber or 1-1/2" diameter pipe screeds
- Includes a base, adjustable ring and a screed receiver
- Designed to allow up to ±1" in height adjustment
- 1" O.D. PVC pipe (not included) can be cut to any height
- 300 lb. safe working load compression

Notes and Sketches

Aztec® EZ Connect™ Heavy Duty - PSB

PATENTED



APPLICATION:
Provides a continuous, strong and stable support for spacing rebar in a variety of applications.

HEIGHT:
From 3/4" to 3"

FEATURES:
- EZ Connect end design allows for a fast and secure connection
- Non-corrosive material
- Heights range from 3/4" to 3"
- Available in 2.5', 5' and 10' lengths
- Newly modeled support bed holds rebar in place
- CRSI RB4.1-2022 Compliant

PSB EZ Clip™

The EZ Clip allows for the Aztec® EZ Connect™ PSB to be used in **vertical applications.**

(For Slabs, Side-Form Spacers, Tilt-Wall and D.O.T. applications, refer to STRONG-BACK BOLSTER™)

ReBoot™ Plastic Foundation Boot - PFB

DESCRIPTION:
The PFB ReBoot Plastic Foundation Boot is a plastic, attachable boot used to position reinforcing steel. It consists of a fingered hole, structural base, and large bearing foot. The PFW is made in the USA.

FEATURES:
- Tight fitting rebar fingers
- I-beam constructed base
- Wide bearing foot

APPLICATION:
The PFB ReBoot is used to maintain the concrete cover from the ends of vertical bars of a drilled shaft, rebar cage. It may also be used within a caisson ring for the same purpose.

Aztec® StrongBack Slab/Beam Bolster™ - PSBB

APPLICATION:
Elevated Slab, Tilt-Wall, Precast, Post-Tension, Parking Garage Decks, Side-Form Spacer

HEIGHT:
From 3/4" to 3" (1/4" Increments)

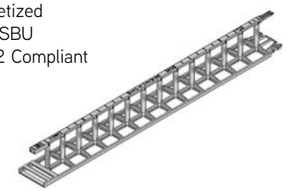
FEATURES:
- High load strength and impact resistant
- Qualifies for use as a Beam Bolster with 2-1/2" leg spacing
- Can be used individually or locked together to create any length
- Manufactured in 30" lengths in standard boxes
- Special packaging available in 5' or 10' sections, bundled and palletized
- CRSI RB4.1-2022 Compliant

Aztec® StrongBack SBU™ Slab Bolster Upper - PSBU

APPLICATION:
Supports top layer in Double Mat application, Rebar or Wire Mesh, Slabs, Heavy Duty On-Grade, Corrugated Decking, Side-Form Spacer-below-grade applications only, Precast

HEIGHT:
From 1" to 5" (1/4" increments)

FEATURES:
- Designed for use with Epoxy-Coated/FRP/Stainless Steel/Galvanized rebar
- For use in corrosive environments
- Spans corrugations in elevated deck applications
- Suitable for use on Vapor Barriers or Insulating Foam
- No overlap required
- Manufactured in 30" lengths in standard boxes
- Special packaging available in 5' or 10' sections, bundled and palletized
- Strong as metal SBU
- CRSI RB4.1-2022 Compliant



Aztec® Space Wheel - PSW

APPLICATION:
Side-Form Spacer

HEIGHT:
From 3/8" to 3"

FEATURES:
- Designed to fit a wide range of bar and wire mesh sizes
- Minimal surface contact
- Standard "Concrete Gray" color
- Lightweight
- CRSI RB4.1-2022 Compliant

Please note: Concrete cover is defined as the distance from where the reinforcement sits in the hub of the wheel to the outside of the wheel (where it contacts the form).

Aztec® E-Z Lok Wheel™ - PLW

APPLICATION:
Side-Form Spacer

HEIGHT:
From 1-1/2" to 6-1/2"

FEATURES:
- Multiple hub diameter for rebar sizes #3 to #11
- Designed for medium to heavy duty projects
- Wider locking hub eliminates "racking" and will not fall off
- Industry choice for use in heavy columns
- Once locked onto rebar, this wheel will not change shape and will always provide uniform cover
- CRSI RB4.1-2022 Compliant

BarTender™ Plastic Foundation Wheel - PFW

DESCRIPTION:
The PFW BarTender Plastic Foundation Wheel is a plastic, locking wheel used to position reinforcing steel. It consists of a sturdy wide outer diameter, an inner collar, structural spokes, and an integral locking mechanism. The PFW is made in the USA.

FEATURES:
- Meets ACI 301 compliance
- Integrated locking mechanism
- Wide outer diameter
- Structural spokes

APPLICATION:
The PFW BarTender is used to maintain the concrete cover around the diameter of a drilled shaft, rebar cage. It may also be used within a caisson ring for the same purpose.

Paragon Centralizer

APPLICATION:
Precast, Foundation, Below Grade

SIZE:
11", 15" diameters

FEATURES:
- Centralizers are designed to ensure a central location of rebar in a column form and intended for drilled shafts and piling applications
- Made from lightweight, durable plastic that will not rust or corrode
- Thin profile slips through grout with ease
- Engineered for #7-#11 reinforcing bar with ¼" off center variance

Plain Dobies - CPD

APPLICATION:
On-Grade or Below grade, D.O.T. Approved (in most states)

HEIGHT: From 1" to 18"

FEATURES:
- Particularly suited for on-grade reinforcement
- Standard 4000 PSI.
- CRSI RB4.1-2022 Compliant

Wire Dobies - CWD

APPLICATION:
On-Grade or Below-Grade, Metal Decks, Side-Form Spacers, Pools, D.O.T. Approved (in most states)

HEIGHT: From 1" to 5"

FEATURES:
- Furnished with two 16 gauge wires for secure attachment
- Standard 4000 PSI.
- CRSI RB4.1-2022 Compliant

Combination Dobie - CCD

APPLICATION:
On-Grade or Below-Grade, D.O.T. Approved (in most states)

HEIGHT:
Multi-cover heights

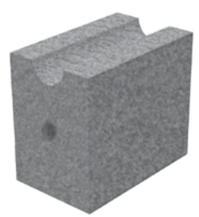
FEATURES:
- Designed with multiple heights within a single unit
- Standard 4000 strength.
- CRSI RB4.1-2022 Compliant

Dowel Dobies - CDD

APPLICATION:
On-Grade or Below-Grade, DOT approved in most states.

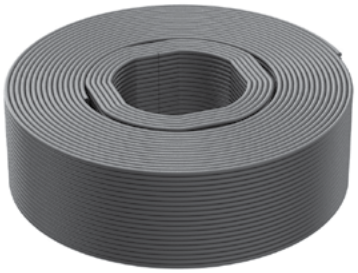
HEIGHT:
3" to 5" in 1/2" increments

FEATURES:
- Standard 4000 psi strength
- Dowel hole to accept #3 or #4 rebar
- CRSI RB4.1-2022 Compliant



Premium Tie Wire - WTW

DESCRIPTION:
The WTW Premium Tie Wire is soft, annealled, small diameter wire designed to fit nearly every type of tie wire reel. It consists of clean, spooled wire formed around a square arbor for easy retraction.



FEATURES:
- Soft, annealed composition
- Clean, smooth finish
- Square wound

APPLICATION:
The WTW Premium Tie Wire is used to create a tie wire connection at rebar intersections.

Kodi Klip® K-Klips

DESCRIPTION:
The KODI KLIP System saves time, money and provides stronger rebar connections using the patented four-point grip system that gives more consistent and stable connections. Dramatically reduces wracking and eliminates unwanted motion.

FEATURES:
- Saves time, money and provides stronger rebar connections using the patented four-point grip system that gives more consistent and stable connections
- Dramatically reduces wracking and eliminates unwanted motion
- K-KLIPS are made of high-strength and temperature resistant polycarbonate material
- Works with black, epoxy, stainless, galvanized & composite rebar
- Available in imperial & metric sizes for #3 [6mm] to #6 [20mm] rebar

APPLICATION:
Use wherever rebar connections are required, specifically on site-pour, precast, tilt-up, concrete applications, pre-stress and pools.

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