

3.25" Post and Panel System

ABC's Better Idea

There are other Post and Panel systems on the market, but ABC wanted something new and different that offered significant advantages and savings for our customers. First, for companies that build a lot of these signs, our system costs less; 15% to 20% less for the stock length extrusions than competing systems. But that's not all.

Second, they are assembled almost entirely with ABC's patented Corner Keys. So whether you build these signs or we build them for you, they require substantially less labor, which is another big savings.

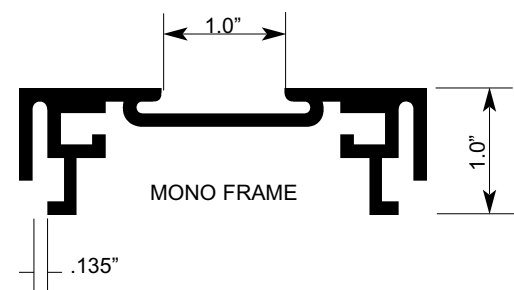
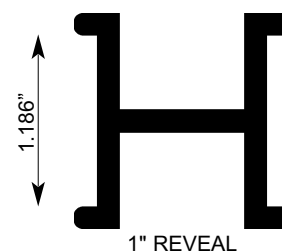
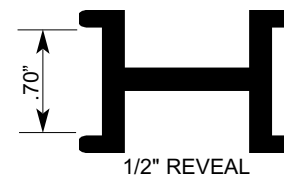
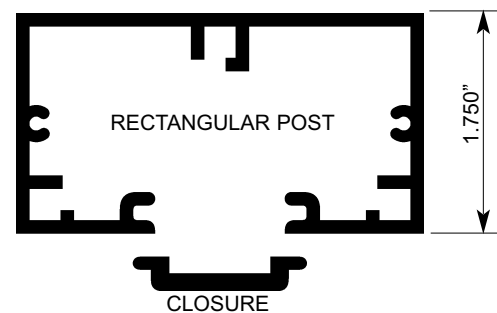
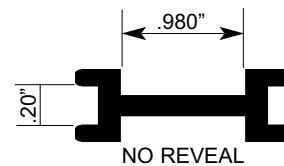


The Post and Panel Corner Keys are strong, die-cast metal with (removable) spring steel clips on each end. When pressed into place, they cannot be withdrawn. However, if the spring steel clips are removed from one side of the corner key, the assembly can then come apart. The Corner Keys are press fit into close tolerance slots in the extrusions for assembling 90-degree mitered corners with no visible hardware and no welding.

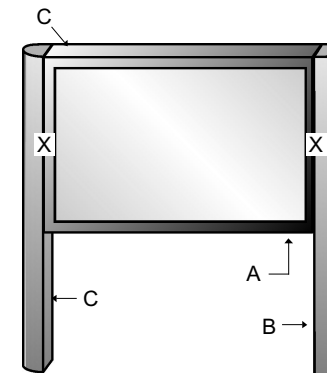
Third, conceptually ABC's Post and Panel System is different and better because with just twelve extrusion parts a variety of signs can be built with variations of aesthetic effects. Three different "Reveal" parts are used to slide the frames to the Posts, and each Reveal gives a different appearance.



Just see how these parts are assembled in the centerfold illustrations and you will see how clever they really are! Whether you buy stock-lengths, pre-cut kits or have us build them for you, your cost will be much less!

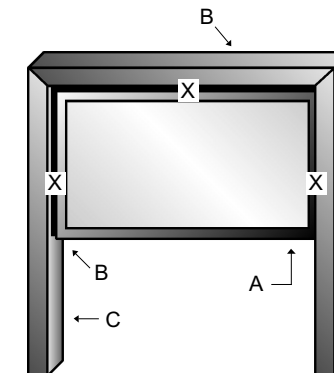


3.25" POST AND PANEL ASSEMBLY EXAMPLES



TYPE A: NO HEADER

As illustrated, the MONO FRAME (A) is attached to the HALF-ROUND or RECTANGULAR POST (B) with the NO REVEAL, (X). The CLOSURE part, (C) fills the opening on the inside face of the posts below the sign to, or below grade, and the top and the bottom of the exposed Mono Frame. The precision routed Post Caps (D) finish the assembly. Note: The END FRAME with Removable Retainers can be used on the top or bottom to be able to remove or change the faces.



TYPE B: WITH HEADER

As illustrated, the MONO FRAME (A) is attached to the RECTANGULAR or HALF ROUND POSTS AND HEADER (B) with the 1" REVEAL (X). The CLOSURE (C) fills the opening on the inside face of the posts below the sign to, or below grade. Note: The End Frame with removable Retainers may be used on the bottom top to be able to change faces.

Accessories

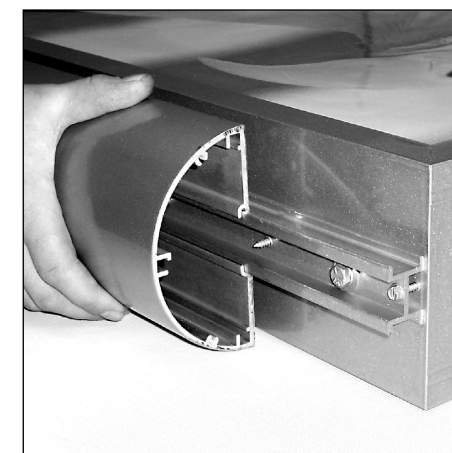


POST CAPS

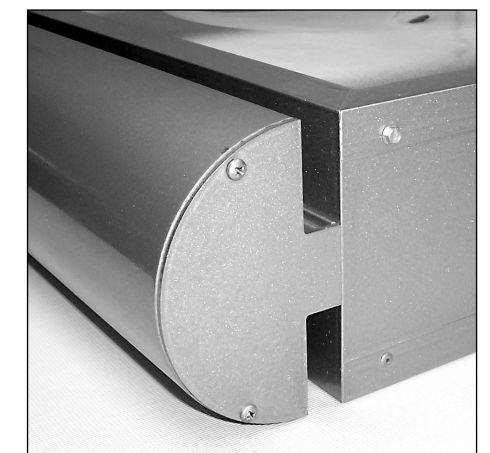
The aluminum Post Caps are precision made on ABC's routing machines. They attach to the Post tops with two #6 phillips panhead screws into the extruded screw bosses inside the posts.



(Fig.3) Bolt Reveal to Frame



(Fig.4) Slide Post in Place



(Fig.5) Install Machined Post Caps



Visit our Website to review all of ABC's fine products...
Designed by Sign People for Sign People!

www.abcsignproducts.com

1-800-249-9889



1-800-248-9889

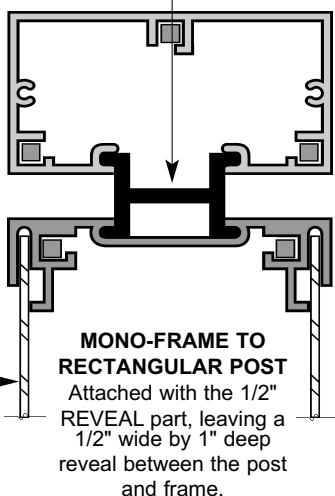
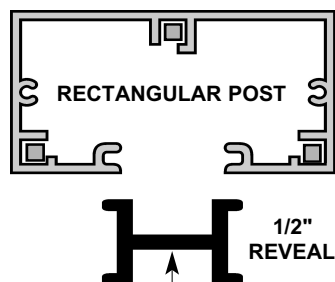
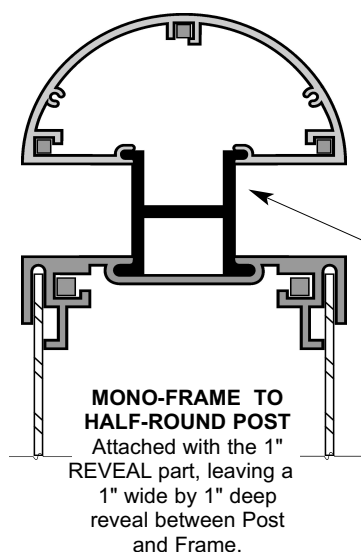
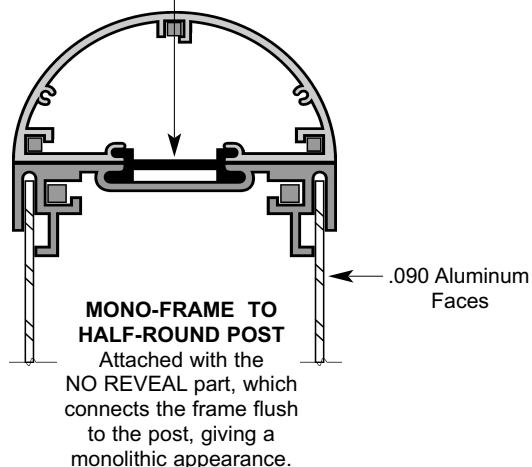
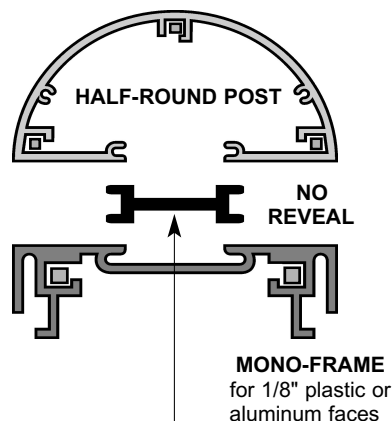
EXTRUSIONS... The Original - and Still the Best!

FAX: 970-482-4019 • 2028 S.E. Frontage Rd., Fort Collins, CO 80525

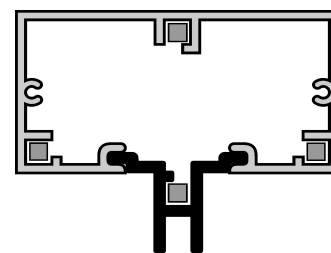
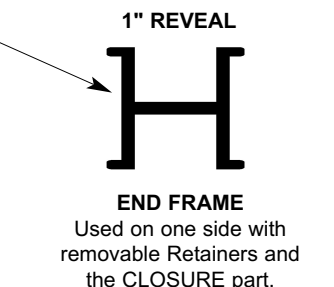
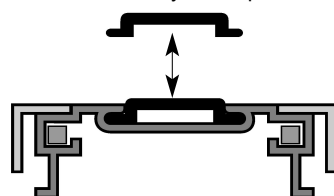
3.25" Post and Panel System

3.25" Post and Panel System 1/2 Size Section Drawings

 = LOCATIONS FOR POST AND PANEL CORNER KEYS



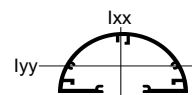
CLOSURE
The CLOSURE part slides into
the POSTS and both FRAMES
to fill the attachment slots
wherever they are exposed.



POST TO PANEL FRAME
Used for mounting a single 1/4" thick
sign panel in a flag-mount, or between
two posts, or for hanging ceiling
mount.

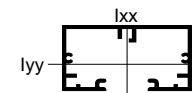
Engineering

3.25" Half-Round Post



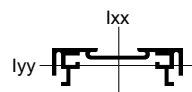
Moment of Inertia	Section Modulus	Radius of Gyration
$I_{yy} = 1.075 \text{ in}^4$	$S_{yy} = 0.661 \text{ in}^3$	$r_y = 1.076"$
$I_{xx} = 0.281 \text{ in}^4$	$S_{xx} = 0.308 \text{ in}^3$	$r_x = 0.55"$

3.25" Rectangular Post



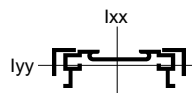
$I_{yy} = 1.530 \text{ in}^4$	$S_{yy} = 0.940 \text{ in}^3$	$r_y = 1.20"$
$I_{xx} = 0.483 \text{ in}^4$	$S_{xx} = 0.529 \text{ in}^3$	$r_x = 0.673"$

3.25" Mono-Frame



$I_{yy} = 1.08 \text{ in}^4$	$S_{yy} = 0.665 \text{ in}^3$	$r_y = 1.14"$
$I_{xx} = 0.05 \text{ in}^4$	$S_{xx} = 0.073 \text{ in}^3$	$r_x = 0.245"$

3.25" End Frame



$I_{yy} = 0.61 \text{ in}^4$	$S_{yy} = 0.437 \text{ in}^3$	$r_y = 1.00"$
$I_{xx} = 0.038 \text{ in}^4$	$S_{xx} = 0.058 \text{ in}^3$	$r_x = 0.25"$



1-800-248-9889

EXTRUSIONS... The Original - and Still the Best!

FAX: 970-482-4019 • 2028 S.E. Frontage Rd., Fort Collins, CO 80525