



Qwik Punch®

Signposts with Die-Cut Knockouts



Atkore™
Allied Tube
& Conduit

Qwik Punch®

Signposts that are easy on the eyes, easy on the budget, easy on maintenance, extra tough against the elements, and best of all, easy to install!

Looks Great!

Allied's Qwik-Punch signposts stay straighter than galvanized U-channel, wood or round posts with cross and cap brackets. Properly installed, Qwik-Punch square signposts are more resistant to twisting, bending, and leaning, even in high wind conditions. Qwik-Punch signposts are also corrosion resistant, retaining a cleaner, brighter finish than other signposts. Its solid appearance is more aesthetically pleasing than U-channel or wood.

Costs

By using...
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ed nee...
Beacus...
signs ca...
Signs c...
rivets o...

Elements of Section

O.D. Size (in)	Ga./Nom. Wall Thickness (in)	Weight (lb/ft)	Effective Area (lb/ft)	Effective Section Modulus (S=in.3)	Eff
2 x 2	14/0.083	2.164	0.474	0.296	



A minimum 30" piece of 12 gauge Telespar square steel tubing one size larger than the intended signpost is driven into the ground until 1-2 inches is left above the surface.



Die cut knockout is punched out of post at desired location.



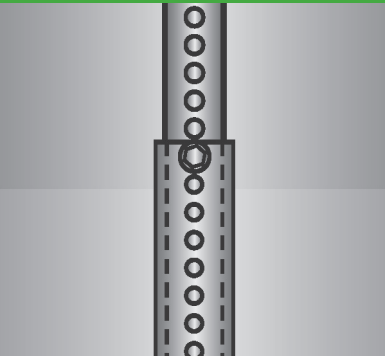
The sign is attached to a Qwik-Punch signpost, at ground level.



The signpost is the... into the opening o...

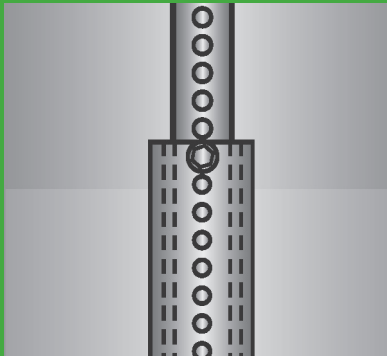
Quick, Efficient, Single Person In

Easy & Safe FHWA Approved System Installation



Single Breakaway Anchor

A single breakaway anchor system allows a work crew to profound level installatioins and rapid replacement of signposts after vehicle impact. When installing the system, the anchor should be one size larger than the signpost and driven using an appropriate size drive cap. All anchors should be driven into the ground leaving 1 to 2 holes exposed for signpost connection.



Less!

g square signposts, signs can be easi-
nted to all four sides, without the add-
d for expensive brackets and caps.
e Qwik-Punch signposts are square,
an be mounted directly to all 4 sides.
an be simply attached using drive
r other fasteners.

Effective Moment of Inertia (I=in.4)	Effective Radius of Gyration (R=in)
0.296	0.790



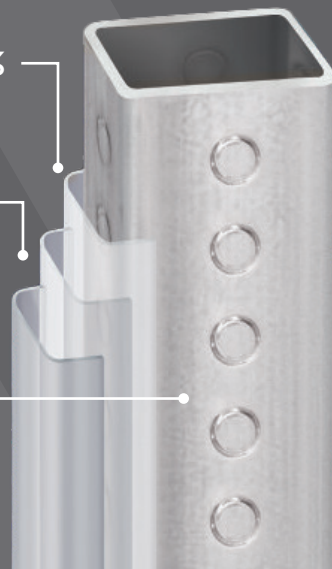
en inserted
f the anchor.
The signpost is secured to the
anchor with a corner bolt or
drive rivet.

Installation Process

Two Piece Breakaway Anchor

High impact installations require con-
stant replacement of damaged posts
and anchors. An additional 18" outer
sleeve, one size larger than the an-
chor, is used to double the anchor wall
thickness at the critical bending area.
This system will provide replacement
of damaged signposts without the
need to reinstall a new anchor into
the ground.

- Hot-dipped Flo-Coat® 99.99%
pure zinc galvanizing
- Conversion coating
- Clear polymer coating
- Cold-formed steel
provides high
tensile strength



Qwik Punch: The “Easier to Erect” System

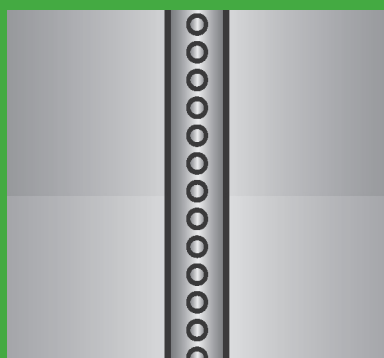
Specifications

MATERIAL – Steel posts conform to the Standard
Specifications for Hot Rolled/ Carbon Sheet Steel,
structural quality. ASTM Designation A1011, Grade 50.

FINISH – In-line, hot-dip galvanized zinc coating per
AASHTO M-120, followed by a conversion coating and a
clear organic topcoat.

YIELD STRENGTH – 60,000 P.S.I. minimum

TELESCOPING PROPERTIES – Posts are straight, smooth,
and readily telescope with consecutive larger size,
12-gauge Telespar tubing.



Direct Embedded

Signposts can be driven di-
rectly into the ground without
anchoring sections, using a
drive cap with sledge or power
equipment.

Note: All anchors should be 12 gauge Telespar tubing



Allied Tube & Conduit ▴ AFC Cable Systems ▴ Heritage Plastics ▴ Unistrut
Unistrut Construction ▴ Cope ▴ US Tray ▴ Calbrite ▴ Calbond ▴ Kaf-Tech
Columbia-MBF ▴ Eastern Wire + Conduit ▴ ACS/Uni-Fab ▴ Marco
Power-Strut ▴ Calconduit ▴ Razor Ribbon ▴ Calpipe Security ▴ Cii
FRE Composites ▴ Queen City Plastics ▴ Vergokan ▴ Flexicon

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the mindset, skill set and tool set for success?
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