

## Square Breakaway Posts



The Telespar Square Post System consists of square, perforated, welded steel tubing, in eight sizes and three gauges. Fully punched holes or "knock-outs" on all four sides allow signs to be mounted back to back and on adjacent sides.

The unique manufacturing method used to produce Telespar tubing permits tubular sections of different sizes to telescope into the next larger size making adjustment, reinforcement and splicing fast & easy. The square shape also provides superior windload capabilities and torsional stability.



Experience the versatility of the Telespar Square Post System in a variety of applications:

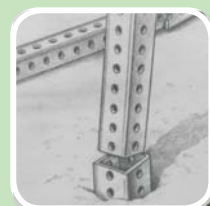
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### • Salvageability

A major portion of the damaged signpost can be saved and spliced with another Telespar section, reducing the accumulating piles of useless damaged posts. Also allows for quick & simple field repairs.



### • Rapid Replacement



Telespar sign supports can be replaced more quickly and easily by a one-man crew than other products on the market. Within minutes, one man, working at ground level, can replace vital traffic signs, thus ensuring that dangerous intersections will not be left without proper signs for extended periods of time.

### • Safety

The Telespar System was the first to be used effectively in a yielding breakaway concept for small sign-support systems. It is FHWA approved, and in compliance with AASHTO specifications.



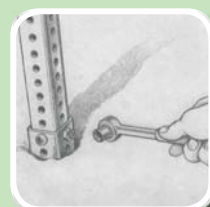
### • Torsional Stability



The utilization of Telespar tubing means substantial reduction of sign flutter in high wind, and less loosening and damaging of sign blanks on the post. And in many applications, a single highly-stable Telespar post will do the job of two U-channel posts!

### • Fast & Easy Installation

All work can be done by one worker at ground level, eliminating the need for bucket trucks and similar heavy equipment. Independent tests show that Telespar signposts go up in about half the time compared to other materials.



## Fully Punched Posts

Fully Punched Telespar Square Posts with 7/16" pre-punched holes on 1" centers are the standard against which all other signposts are measured. Precision manufactured from the highest-quality steel, Telespar posts are corner-welded to allow smooth telescoping action — a key to the system's versatility and ease of installation.

- Easy, safe installation by hand or power
- Convenient sign mounting before installation
- Superior torsional strength
- Versatile, four-sided sign mounting at any height
- Fast, economical replacement of damaged sign posts
- FHWA-approved yielding capability

PART NUMBER	SIZE	WALL THICKNESS
PSTS10X2GA12	10' x 2" x 2"	12 GA
PSTS10X2.5GA12	10' x 2.5" x 2.5"	12 GA
PSTS12X2GA12	12' x 2" x 2"	12 GA
PSTS12X2.5GA12	12' x 2.5" x 2.5"	12 GA
PSTS14X2.5GA12	14' x 2.5" x 2.5"	12 GA

PART NUMBER	SIZE	WALL THICKNESS
PSTS8X2GA14	8' x 2" x 2"	14 GA
PSTS10X2GA14	10' x 2" x 2"	14 GA
PSTS12X2GA14	12' x 2" x 2"	14 GA
PSTS14X2GA14	14' x 2" x 2"	14 GA

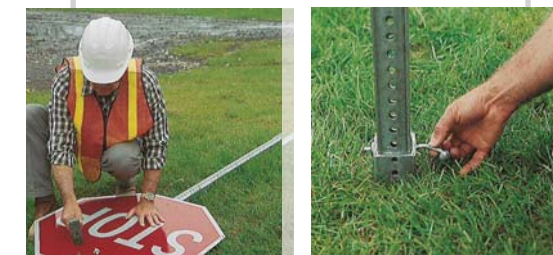
PART NUMBER	SIZE	WALL THICKNESS
PSTS6X2.188GA10	6' x 2 <sup>3</sup> / <sub>16</sub> " x 2 <sup>3</sup> / <sub>16</sub> "	10 GA (Heavy-Duty)
PSTS10X2.5GA10	10' x 2.5" x 2.5"	10 GA (Heavy-Duty)
PSTS12X2.188GA10	12' x 2 <sup>3</sup> / <sub>16</sub> " x 2 <sup>3</sup> / <sub>16</sub> "	10 GA (Heavy-Duty)
PSTS12X2.5GA10	12' x 2.5" x 2.5"	10 GA (Heavy-Duty)
PSTS14X2.5GA10	14' x 2.5" x 2.5"	10 GA (Heavy-Duty)
PSTS16X2.5GA10	16' x 2.5" x 2.5"	10 GA (Heavy-Duty)

(Other sizes available upon request)

## Installation

- 1 Drive a minimum 30" piece of 12 gauge Telespar (anchor) into the soil until only 1-2 inches are left exposed. For a 2-piece anchor, use a 18" piece of tubing for a sleeve, one size larger than the anchor. Make sure the anchor and sleeve holes are aligned.
- 2 Attach the sign to the post at the desired height using drive rivets or bolts.
- 3 Insert the signpost, which is one size smaller than the anchor, about 6-8 inches in the anchor base.
- 4 Bolt the signpost to the anchor assembly with a corner bolt.

### Simple • Fast • Safe



## Corner Bolts

The corner bolt is used to take up tolerance, by concentrating fastening tension on only one corner of the tubing and preventing distortion of opposite tube walls which can occur when conventional through-bolts are over-tightened. If these simple steps are followed, an impacted post will break just above the anchor, or possibly at bumper height. To repair, simply remove the corner bolt, pull the post stub out of the anchor and replace it with a new post.



**Corner Bolt**  
See page 40 for hardware



# Qwik-Punch® Posts

# Anchors

Qwik-Punch Square Sign Posts are manufactured with 7/16" "knockouts" on all four sides. This feature allows workers in the field to quickly punch holes exactly where they are needed for anchor connections or sign mounting. The balance of the post is left with a smooth unbroken appearance. Qwik-Punch Square Sign Posts offer the same telescoping action and easy installation as standard Telespar Sign Supports.

- Easy, safe installation by hand or power
- Convenient sign mounting before installation
- Superior torsional strength
- Versatile, four-sided sign mounting at any height
- Fast, economical replacement of damaged sign posts
- FHWA-approved yielding capability

PART NUMBER	SIZE	WALL THICKNESS
PSQP8X2GA14	8' x 2" x 2"	14 GA
PSQP10X2GA14	10' x 2" x 2"	14 GA
PSQP11X2GA14	11' x 2" x 2"	14 GA
PSQP12X2GA14	12' x 2" x 2"	14 GA
PSQP14X2GA14	14' x 2" x 2"	14 GA

(Other sizes available upon request)



PASP8-4375  
Slug Punch

Qwik-Punch posts use a Slug Punch to knock out the holes needed for anchor connections or sign mounting. The rest of the post is left with a smooth, unbroken appearance.



PART NUMBER	SIZE	WALL THICKNESS	ANCHOR	POST SIZE
PSQP30X2.25GA12P	30" x 2 1/4" x 2 1/4"	12GA	8 Hole Galvanized Anchor	2"
PSQP36X2.25GA12P	36" x 2 1/4" x 2 1/4"	12GA	8 Hole Galvanized Anchor*	2"

PART NUMBER	SIZE	WALL THICKNESS	ANCHOR	POST SIZE
PSTS30X2.25GA12P	30" x 2 1/4" x 2 1/4"	12GA	Galvanized Square Anchor	2"
PSTS36X2GA12P	36" x 2" x 2"	12GA	Galvanized Square Anchor	1.75"
PSTS36X2.25GA12P	36" x 2 1/4" x 2 1/4"	12GA	Galvanized Square Anchor*	2"

PART NUMBER	SIZE	WALL THICKNESS	ANCHOR	POST SIZE
PSTSQDA250-36G	36" x 3" x 3"	7GA	Heavy Duty Quick Drive Anchor*	2.5"

PART NUMBER	SIZE	WALL THICKNESS	ANCHOR	POST SIZE
PSTSHDA200-30G	30" x 2 1/2" x 2 1/2"	7GA	Heavy Duty Tubular Anchor	2"
PSTSHDA200-36G	36" x 2 1/2" x 2 1/2"	7GA	Heavy Duty Tubular Anchor	2"
PSTSHDA250-36G	36" x 3" x 3"	7GA	Heavy Duty Tubular Anchor*	2.5"
PSTSHDA250-42G	42" x 3" x 3"	7GA	Heavy Duty Tubular Anchor	2.5"
PSTSHDA250-48G	48" x 3" x 3"	7GA	Heavy Duty Tubular Anchor	2.5"

PART NUMBER	SIZE	WALL THICKNESS	ANCHOR	POST SIZE
PSTSTWA250-36G	36" x 3" x 3"	7GA	Heavy Duty Winged Anchor*	2.5"
PSTSTWA250-42G	42" x 3" x 3"	7GA	Heavy Duty Winged Anchor	2.5"
PSTSTWA250-48G	48" x 3" x 3"	7GA	Heavy Duty Winged Anchor	2.5"

\* anchor pictured below



## Anchors



Anchors are designed to be driven into the soil leaving about 1" - 2" above the ground. Once the anchor is in the ground, insert the signpost into the anchor and secure with a corner bolt and nut. If the sign post is ever damaged the original anchor can be reused.

For anchor installation choose from a manual or powered device and the corresponding drive cap. When using a power driver a shank and appropriate drive cap is required. For more information on drivers and drive caps see page 51-53.

