



U CHANNEL POST

- Made from 100% high quality recycled rail steel
- Lightweight and long-lasting
- Break-away base available



Overview

We have been making U Channel Sign Posts in the middle of Steel Country since 1901. Our U Channel Sign Posts are made with some of the most durable stuff known to man. Railroad steel was made to carry the load of freight trains. If it can hold up a train, it can hold up your signage.

- Available in both flat and indented back
- Available in weights suitable for delineators through 4 lb. heavy duty use
- Made from 100% high quality recycled rail steel
- Lightweight and long-lasting
- Good choice for harsh conditions
- Two break-away hardware options available
- Available in unfinished, baked enamel, powder coat, or galvanized finishes
- Made in the U.S.A.



High Strength Steel Sign Posts

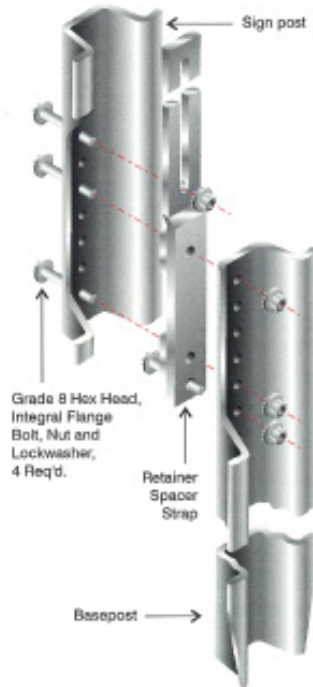


Franklin Industries U Channel Sign Posts are manufactured from high quality, high tensile rail steel and finished with a protective coating of weather resistant baked enamel paint, or galvanized by hot dipping per ASTM A123. They are designed to provide an attractive appearance and years of maintenance-free service. Special colors and finishes can be supplied for special applications.

With Franklin Sign Posts' great strength and rigidity, you can support the same load with a lighter weight post. And with multiple sign post weights and two delineator weights available, you can select the exact post to meet your requirements, buying only the steel needed to do the job. One person can install or replace a complete post and sign assembly in minutes. No digging, drilling or concrete to mix.



Eze-Erect Sign Post Systems (Patent 4126403)



Eze-Erect sign posts' design permits quick and easy installations from ground level with simple tools. The base posts are readily driven into hard soils, even asphalt. The sign post is then attached with the sign already in place. Crews are quickly trained and most installations take only minutes.

Connection Strength

Eze-Erect sign posts' connection develops the full design strength of the sign post; there is no compromise in sign supporting capability.

Full Versatility

A complete range of warning, regulatory and guide signs can be supported, from small signs on single posts to very large signs or sign clusters on multiple posts. Eze-Erect sign posts also work well for construction and temporary signing. Whatever your highway message, Eze-Erect sign posts can hold it reliably.

Low Labor Costs/High Salvage Value

When impacted, base posts, sign posts and sign panels are often reusable. Even if damaged, sign posts can often be cut into base posts. And more importantly, because of the breakaway action, expensive sign panels, the major cost component of a sign installation are more likely to be reusable.

Widely Accepted

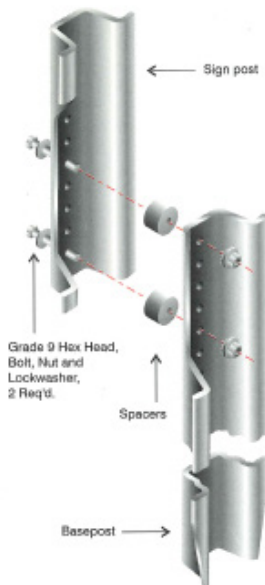
Hundreds of thousands of Eze-Erect sign posts are in use throughout the country. Try this proven system in your area and see how Eze-Erect sign posts can save you money.

Quicker/Safer

Eze-Erect provides a very low downtime between accident to replacement, ensuring safer roadways in minutes.



Base-Bolted Sign Post System



Franklin Industries' base-bolted sign posts offer many of the advantages of Eze-Erect sign posts at lower cost, except there is no retaining feature. They are an economical alternative when this feature is not required.

Connection Strength

The base-bolted connection develops the full design strength of the sign post; so comparable signs can be supported reliably.

Full Versatility

Base-bolted sign posts will support any type of warning, regulatory or guide signs, from small signs on single posts to very large signs or sign clusters on

multiple posts. Base-bolted sign posts also work well for construction and temporary signing. Franklin Industries' base-bolted sign posts can hold your sign dependably, whatever the message.

Low Labor Costs/High Salvage Value

Base posts, sign posts and sign panels are often reusable after impact with an errant vehicle. If damaged, sign posts can often be cut into base posts. But more importantly, because of the breakaway action, expensive sign panels, the major cost component of a sign installation, can most likely be reused.

NCHRP Report 350 Compliant

Franklin Industries sign posts are FHWA Approved in single and multiple post installations for all Federal-aid routes and projects.



Accessories



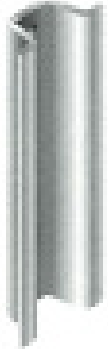
Drive Caps For Safe Installation

Protect post ends from driving damage. Driving caps are made of cast steel to withstand constant driving. Available in sizes to fit all Franklin Industries Posts.

Delineator - 3.0 lbs ea., for 1.12 to 1.33 lbs/ft posts

Standard - 11 lbs ea., for 2.0 to 4.0 lbs/ft posts

Heavy Duty - 17 lbs ea., for 2.0 to 4.0 lbs/ft posts



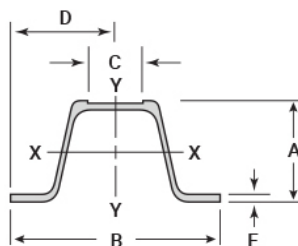
Right-of-Way and Silt Fence Posts

Franklin Studded 'T' Posts are designed for easy installation and trouble free service for right of way and silt fencing. Heavy anchor plates protect against natural "lifting" and vandalism. They are available in 1.25 and 1.33 lbs/ft (ASTM A702) and are either painted or galvanized.

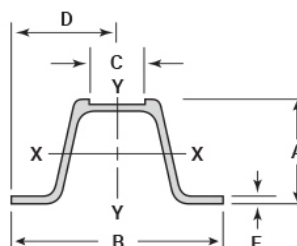


Specifications

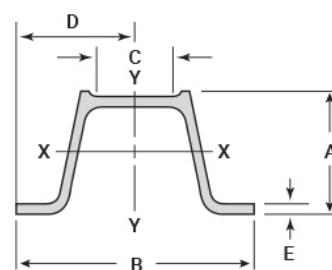
1.75LB Indented Back



2LB Indented Back



3LB Indented Back



Indented Back U Channel Dimensions

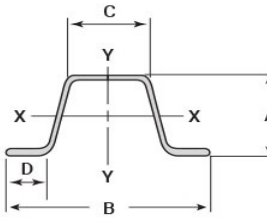
Weight *Lbs/Ft	Dimensions					Area IN ²
	"A"	"B"	"C"	"D"	"E"	
1.75	1.528	3.088	.7728	1.544	.115	.515
2	1.568	3.088	.7728	1.544	.115	.62
3	1.832	3.458	1.114	1.729	.157	.921

* ± 5% + Governing Section

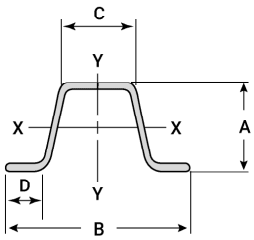


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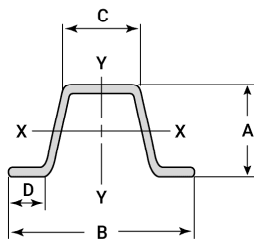
Sign Post and Base Post
Weight - 1.75 lbs/ft



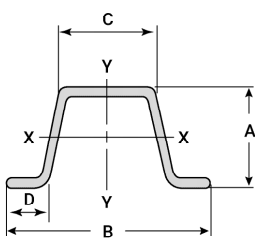
Sign Post and Base Post
Weight - 2.00 lbs/ft



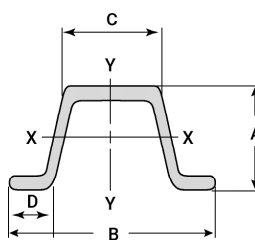
Sign Post and Base Post
Weight - 2.50 lbs/ft



Sign Post and Base Post
Weight - 3.00 lbs/ft



Sign Post and Base Post
Weight - 4.00 lbs/ft



Material: Posts are produced from standard "T" rails weighing 91 lbs/yd or more according to ASTM A499-15, Grade 60.

Lengths: Available in 6ft, 7ft, 8ft, 10ft, 11ft, and 12ft lengths. Special lengths also available.

Finish: Base posts and sign posts are finished with either a baked enamel paint or galvanized per ASTM A123 or powder coated.

Sign Post: The weight of each sign post before punching is 2.00 to 4.00 lbs/ft. The sign post is punched with .375" diameter holes on 1.0" centers, full length. The first hole and last hole are 1.0" from the end of post. Special punching is available.

Eze-Erect Hardware

Retainer-Spacer Strap: 17.125" long X 1.00" wide x .375" thick with .375" offset. The strap is galvanized to ASTM A123

Bolts: Hex head, integral flanged lock nut or standard Grade 8 hex head bolt and lockwasher.

Nuts: 5/16" - 18 UNC hex head, integral flange conforming to ASTM A563, Grade DH.

Lockwashers: 3/8" heavy duty external type.

Bolts, Nuts and Lockwashers are cadmium or zinc plated for corrosion resistance.

Base-Bolted Hardware

Spacers: 1.0" diameter x .625" thick with .438" hole with an elastomer insert. The spacers are zinc plated for corrosion resistance.

Bolts: Hex head, fully threaded Grade 9,5/16" - 18 UNC x 2.25"

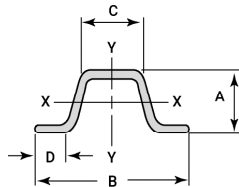
Washers: 5/16" Grade 8

Nuts: Hex head, integral flanged lock nut or standard Grade 9 hex head bolt and lockwasher.

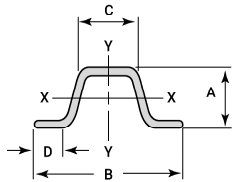
Bolts, Nuts and Washers are cadmium or zinc plated for corrosion resistance.

Delineator Posts

Weight - 1.12 lbs/ft



Weight - 1.33 lbs/ft



U Channel Dimensions

Weight *Lbs/Ft	Dimensions				Area IN ²	X-X Axis+		Y-Y Axis	
	"A"	"B"	"C"	"D"		I(IN ⁴)	S(IN ³)	I(IN ⁴)	S(IN ³)
1.12	.841	2.037	.802	.182	.329	.029	.073	.100	.098
1.33	.871	2.037	.802	.182	.391	.036	.088	.121	.119
1.75	1.516	3.125	1.250	.625	.516	.16	.201	.367	.236
2.00	1.516	3.125	1.250	.625	.59	.18	.23	.42	.27
2.50	1.562	3.125	1.250	.625	.74	.24	.31	.55	.35
3.00	1.750	3.500	1.625	.718	.92	.40	.43	.87	.50
4.00	1.750	3.500	1.671	.718	1.24	.50	.56	1.22	.69

* ± 5% + Governing Section



FRANKLIN
INDUSTRIES

888.437.3726 | Sales@FranklinIndustriesCo.com | FranklinIndustriesCo.com