



Keyway Tie

US Patent 10,711,406

Description

The patented keyway design combines tie and fastener together in a system to provide the strength and gauge holding power of concrete with the flexibility and resiliency of wood.

- » Designed for random wood tie replacement using conventional MOW equipment
- » Allows incremental conversion from wood tie track to concrete tie track
- » Strengthens gauge holding, lateral resistance, and rail rollover resistance while allowing full wood tie asset utilization
- » Track gauge adjustable
- » Stiffness can be modified for optimal track transitions and bridge applications
- » Provides similar ballast pressures as wood tie track
- » Made with 10,000 psi compressive strength durable concrete



TECHNICAL CHARACTERISTICS



Ties ship with plates pre-attached as shown on left.

	115RE	136RE
Length	8'6"	8'6"
Weight (with fasteners)	485 lbs	585 lbs
Track Modulus	3,000 - 4,200 lbs/in/in	
Fasteners	e-Clip, SKL, SAFELOK, other	
Concrete	>10,000 psi	
Height	6-1/4"	7-5/8"
Bottom Width	8-5/16"	8-1/2"



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