

# Steel Tie Application Guidelines

Tie	MGTM	Speed MPH	Applications
<b>M 8</b>	<3 MGTM Class 1 Track	Passenger 15 Freight 10	Light branch line Flat storage yard tracks Industrial yards
<b>M 10</b>	3 - 10 MGTM Class 2 Track	Passenger 30 Freight 25	Mainline Yard tracks Sidings/passing tracks Interspersed with wood ties Industrial tracks Encased in concrete
<b>H 10</b>	10 - 25 MGTM Class 3 Track	Passenger 60 Freight 40	Mainline Yard leads Turnout tie sets Grade crossings Tunnels
<b>H 12</b>	No limits Class 4 & 5 Track	No limits	Mainline Tunnels Ballast deck bridges Premium turnouts

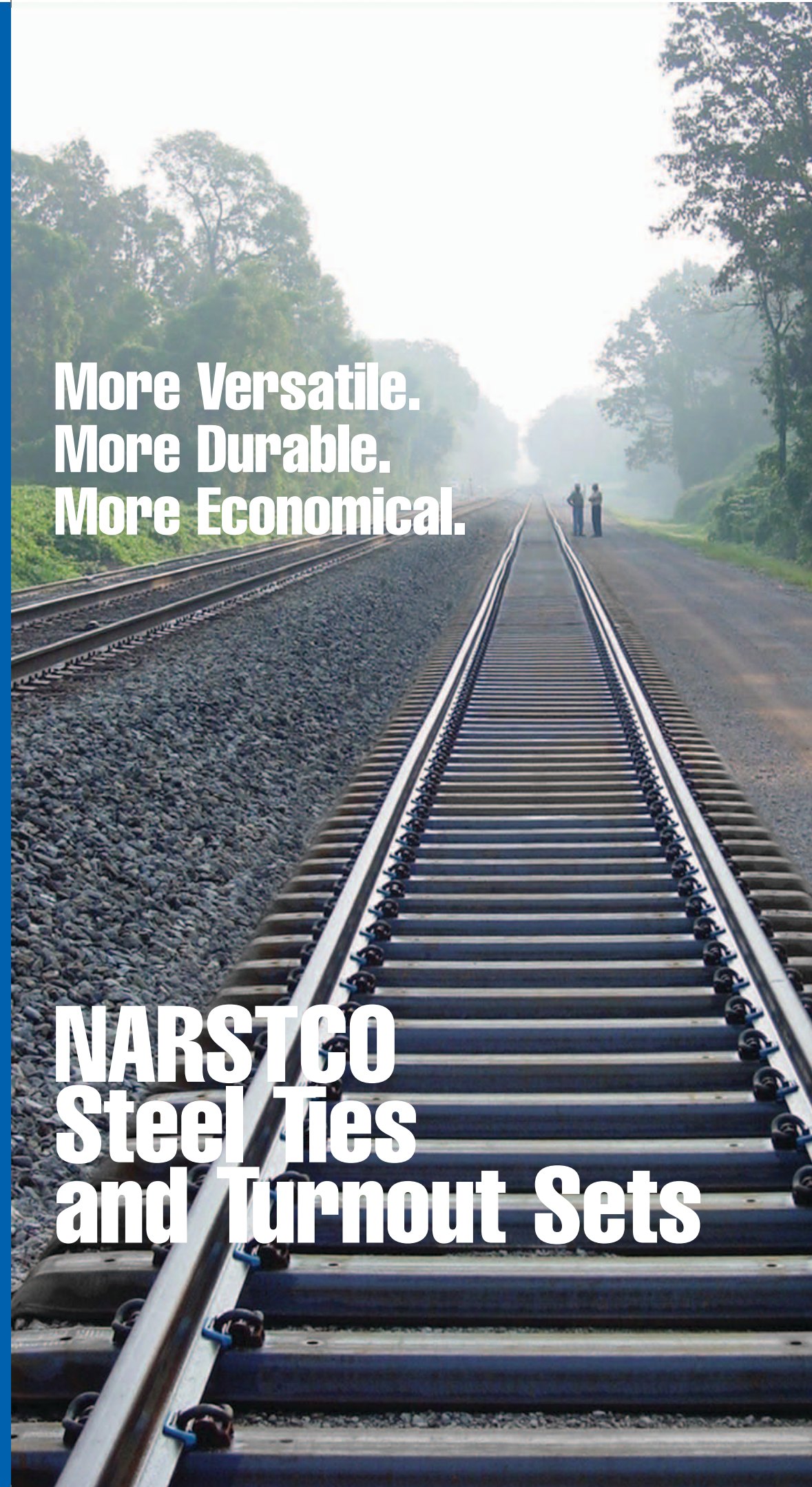


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Made in America at Midlothian, Texas



**More Versatile.  
More Durable.  
More Economical.**

**NARSTCO  
Steel Ties  
and Turnout Sets**

**NARSTCO**



# NARSTCO stands alone as the leading manufacturer of steel ties and turnout sets in North America.

Assembly, installation, maintenance and life-cycle savings make NARSTCO steel ties and turnout sets the most cost-effective option for track, turnout and yard applications – for Class I railroads, short line railroads and industrial rail plants.

With a return on investment that exceeds any alternative, high-quality NARTSCO steel ties and turnout sets deliver a wide range of advantages:

- simpler and quicker to assemble and install
- maintain track gauge and provide ease of transposing throughout curves
- can be interspersed with wood ties to strengthen track structure
- design allows for less ballast depth to achieve same load-bearing capabilities
- less expensive to transport and easier to handle
- minimal maintenance requirements
- extend the life of frogs, points and other track components
- fewer ties required for any length of track
- maximum strength, durability and support
- resistant to damage, corrosion and deterioration
- environmentally friendly – 100 percent recyclable

**YARDS**



**It all adds up to big savings for railroads and industrial plants that switch to NARSTCO steel ties and turnout sets!**

**TURNOUTS**



**CLASS ONES**



**NARSTCO steel ties are available in a variety of sizes in high-quality, hot-rolled H-Section or M-Section steel.**

