



Progress Rail, in partnership with Schwihag, now provides a new level of proven performance and reliability with the ME63 Captive Rail Fastening System.

*Schwihag*

## ME63 RAIL FASTENING SYSTEM

Made in America with advanced technology that eliminates decarburization for greater strength and resilience, longer life and reduced maintenance costs.

• Captive System • Cost-Effective • High Performance

RUN FASTER, BETTER, LONGER

### HIGH PERFORMANCE AND DURABILITY AT A LOWER COST.

- High dynamic fatigue strength with no decarburization on the ME1 clip
- Special bending and heat treatment reduces stress in the clip during manufacturing
- Lower maintenance costs due to increased fatigue life
- Fully captive and preassembled at the tie plant



Steel with decarb layer

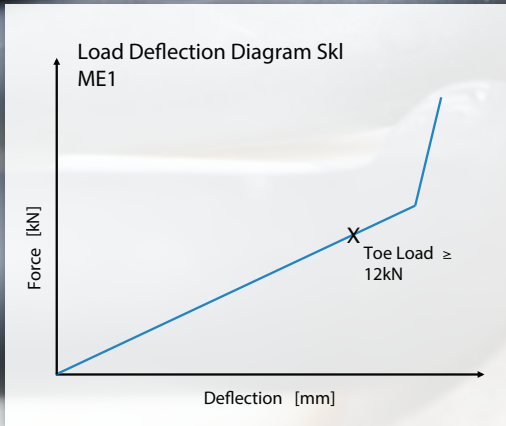


Steel w/o decarb layer

### ADVANCED MANUFACTURING AND HIGH QUALITY.

- Each batch of ME63 components is precisely labeled to ensure traceability
- ME63 is fully tested in accordance with AREMA specifications
- Progress Rail and Schwihag are ISO 9001-2013 certified companies
- NiroTec coating offers new, high-quality, long-term corrosion protection for tension clamps made from spring steel. This verifiably and significantly reduces rusting over the entire life of the product, allowing fatigue strength properties to remain virtually constant over very long use cycles.

# MADE IN AMERICA WITH WORLD-CLASS PRECISION.



5,400 pound toe load per rail seat

3.5mm vertical fatigue limit

+/- 1.0mm horizontal fatigue limit

Guide plates cover entire width of rail seat to protect the tie

Middle bend prevents rail rollover and protects clips against over-stressing

Interchangeable with other Skl heavy-haul fastening system

No lateral load on screw spike

Heavy-duty dowels allow high pull-out forces and protect against over-torquing

Fully electrically insulated

## SIMPLIFY INSTALLATION WITH OUR ME63 FASTENING SYSTEM.

Rail or tie installation projects are easier and more cost-effective with our ME63 Fastening System. It features components that are fully captive to the tie allowing installation speeds of up to one-quarter-mile per hour. Every fastening component is pre-installed at the plant.

- Tie arrives on-site ready to receive a rail
- Clip is locked into position when rail goes down
- Use existing (MOW) equipment for installation and removal
- Efficient removal and reinstallation for rail relay
- Magazine-style packaging for easy handling and installation
- Progress Rail and Schwihaag are ISO 9001-2013 certified companies



**CALL US 800.476.8769**

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A Caterpillar Company