

Dynamic Track Spread Gauge (P4080)

Track Control Solutions



Pandrol's Dynamic Track Spread Gauge (P4080) is a lightweight tool for measuring the dynamic track spread – the opening of the track by lateral or twisting forces due to rolling stock passing over the rails.

The Dynamic Track Spread Gauge comes in a range of versions for different rail types – information about the rail type is engraved on top of the product's profiled end. The tool fits any gauge from 1370mm to 1500mm, measuring track spread of up to 30mm. Maximum spread is shown without the operator having to undertake any calculations.

Constructed from hard-wearing glass-reinforce plastic (GRP), the gauge is electrically non-conductive and can be used in areas of 3rd and 4th rail electrification.

→ TECHNICAL FEATURES

Measurement

The Dynamic Track Spread Gauge measures track spread of up to 30mm. The maximum amount by which the gauge opens when a train passes is shown on a scale on a friction sleeve on the tool's top tube. This measurement may be a combination of lateral and angular movement.

End profiles

The Dynamic Track Spread Gauge's end profiles are shaped for particular rail types. Moving the ends in and out shortens and lengthens the gauge.

Non-conductive

The gauge is made of GRP and is fully non-conductive.

Calibration

The gauge is factory calibrated for guaranteed accuracy.

Rail types

The Dynamic Track Spread Gauge is available in a range of versions for different rail types. Information about the rail type is engraved on top of the gauge's profiled ends.

Lightweight

The gauge is lightweight and portable, easy for one operator to set up, use and transport.

→ ADVANTAGES /

- The Dynamic Track Spread Gauge is versatile, measuring track spread of up to 30mm and fitting any gauge from 1370mm to 1500mm.
- Maximum spread is shown automatically and the operator does not have to carry out any calculations, saving time and making the gauge easier to use than other tools.
- This ease of use combined with factory calibration provides guaranteed accuracy.
- The gauge is made from hard-wearing glass-reinforce plastic (GRP) and is electrically non-conductive, so can be used in areas of 3rd and 4th rail electrification.
- Lightweight, compact and easy to set up, the Dynamic Track Spread Gauge can be used by one operator, saving time and labour costs.



→ COMPONENTS /

1. Engraved rail type
2. Locating pins (not shown)
3. Top tube
4. Nut
5. Sleeve
6. End profile (the shape of this will depend on the rail type)

→ SPECIFICATIONS /

Technical specification	
Size (folded)	1552mm x 147mm x 48mm
Track spread gauge range	1380mm to 1500mm
Suitable in standard form for	113lb FB and 95lb RHB

→ RAIL TYPES /

The standard Dynamic Track Spread Gauge is suitable for 113lb FB and 95lb RHB.

Versions are also available for:

- NP 46KG
- BV50/SJ50
- UIC 54KG
- UIC 60KG
- 75lb
- 80A
- 90lb ARA-A
- 115lb AREA
- 119lb AREA
- 32lb AREA
- 133lb AREA

Note: gauges can be ordered for other rail types.

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