

RAIL INSPECTION: PROBES AND TOOLS

Shear and longitudinal waves

TRIPLE MANUAL - TRIPLE STICK



✓ APPROVED



“TRIPLE MANUAL” PROBE

The purpose of this probe is to ensure monitoring, evolution and characterization of flaws in manual mode. The probe is made up of 3 independent, commutable elements which can be switched with a 3 way-switch: Shear waves 38° Frequency 4MHz, Shear waves 68° Frequency 4MHz, and Longitudinal waves 0° Frequency 4MHz

Ref : EKTM



“TRIPLE STICK” PROBE

A probe composed of three ceramic piezo-electric elements is used to allow the detection of transverse cracks and a rail head detachment. The three piezo-electric elements are balanced in sensitivity to allow simplified calibration (amplification and sound circuit). This new generation “triple stick” transducer is equipped with an anti-wear pad in the front and back sides of the wedge. Triple stick probe is used with EKOSCAN inspection stick for a quick and comfortable inspection. Shear wave 68° frequency 2MHz and longitudinal wave 0° frequency 4MHz.

Ref : EKTC

THE EKTC PROBE IS ALSO AVAILABLE WITH 5° SKEW ANGLE - Ref : EKTC5

