

Benkelman Beam

BB 513



BB 513.3



BG 002/6

Benkelman Beam

Type	Parts Name	Specification	Qty
BB 513.1	Fixed beam	Aluminium profile frame, 3 points adjuster, With vibrator and dial holder aluminium Strips arm 1 : 2 Lever ratio	1 Set
BB 513.2	Tire gauge	120 psi capacity	1 Pc
BB 513.3	Surface thermometer	Range 0 – 100 C	1 Pc
BG 002/6	Dial indicator	Range 30 mm x 0.01 mm	1 Pc

Supplied without :

BG.061 Roll Meter 10 mtr Cap

The ability of a pavement to flex without failure when subjected to loading is an important feature of any construction designed to carry moving loads. Deflection can be measured by using a long beam resting on the pavement surface at one end and balanced near its centre point. By stabilising the opposite end of the beam using a suitable load e.g a vehicle, small deflections caused by loads applied adjacent to the free end are magnified and can be read from a suitable dial gauge.