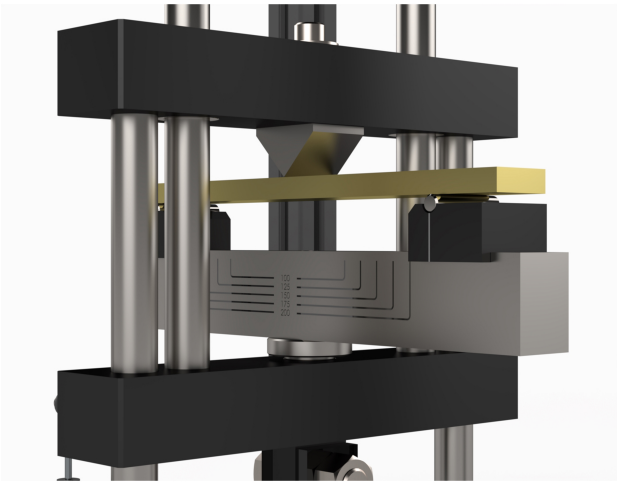
BENDING TEST SET
HSM58c



Year 1
study

Features
- Knife Edge Loading
- Five test specimens supplied as standard
- Comparison of Modulus of Elasticity
- Integral scale for span adjustment
- Adjustable span 100 – 300mm

Description
Easy installed option to enable elastic deformation of bending bars subject to a point force. The test bars are placed on two sliding bearings for span adjustment. Test bars to be loaded with a point force generated by the HSM58. Integral scale allows quick setting of span.

Related Laws/Applications
- Roof joists
- Bridges
- 3 point loading
- Knife edge
- Modulus of Elasticity
- Planar Moment of Inertia

Learning capabilities
- Demonstrate the relationship between applied load on a bending bar and its elastic deformation.
- The influence of Modulus of Elasticity.
- The planar moment of inertia.

Technical Specification

- Span adjustable, width 100...300mm
- Sliding bearings ground dowels
- Flat section steel (EN1A), 38.1(W) x 12.7(H) x 320(L) mm (nominal)
- Flat section steel (EN1A), 19.05(W) x 12.7(H) x 320(L) mm (nominal)
- Flat section aluminium (6082), 38.1(W) x 12.7(H) x 320(L) mm (nominal)
- Flat section aluminium (6082), 19.05(W) x 12.7(H) x 320(L) mm (nominal)
- Flat section brass (CZ121), 19.05(W) x 12.7(H) x 320(L) mm (nominal)

Essential Ancillaries

- HSM58

Recommended Ancillaries

- HSM58M

What's in the Box?

- 2 x Steel specimen
- 2 x Aluminium specimen
- 1 x Brass specimen
- 1 x Bearing base
- 1 x Knife edge
- 2 x sliding bearing
- Tools
- Instruction manual
- Packing list
- Test sheet

You might also like

- HST11
- HST13
- HSM1c
- HSM1c/D

Essential Services

- HSM58

Ordering information

To order this product, please call PA Hilton quoting the following code:
HSM58C

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