



OPTIONAL SPECIMEN SET

HSM31B



Year 2
study

Features

- Fit compatible with HSM31

Description

HSM31 Additional Specimen Set

Related Laws/Applications

- Modulus of Rigidity.
- Shear Modulus.
- Torsion Constant.
- Polar Moment of Inertia.
- Angle of Twist.
- Gauge Length.
- Maximum torque.
- Elastic Region.
- Plastic Region.
- Tensile Strength.

Learning capabilities

- Torsional loading to failure of varying material specimens
- Torsional variation due to material, cross sectional area
- Comparison between actual and theoretical results
- Determination of the Modulus of Rigidity and Yield shear stress
- Working with the elastic torsion equation

Technical Specification

- 6 x Steel: EN1A (BS970 230M07)
- 6 x Brass: CZ121 (BS 2874)
- 6 x Aluminium: EN AW2011-T3
- 136mm(L) x 17mm A/F x Ø6mm neck diameter

Essential Ancillaries

- HSM31

What's in the Box?

- 1 x Container
- 18 x Specimens
- Packing list

You might also like

- HSM2

Weights & Dimensions

- 2 kg

Essential Services

- HSM31

Ordering information

To order this product, please call PA Hilton quoting the following code:
HSM31B

All brand and/or product names are trademarks of their respective owners. Specifications and external appearance are subject to change without notice. The colour of the actual product may vary from the colour shown in the brochure.

Copyright © 2018 P.A. Hilton Limited. All rights reserved. This technical leaflet, its contents and/or layout may not be modified and/or adapted, copied in part or in whole and/or incorporated into other works without the prior written permission of P. A. Hilton Limited. Hi-Tech Education is a registered trade mark of P. A. Hilton Limited.

COUNTRY OF ORIGIN - UK WARRANTY PERIOD - 5 YEARS