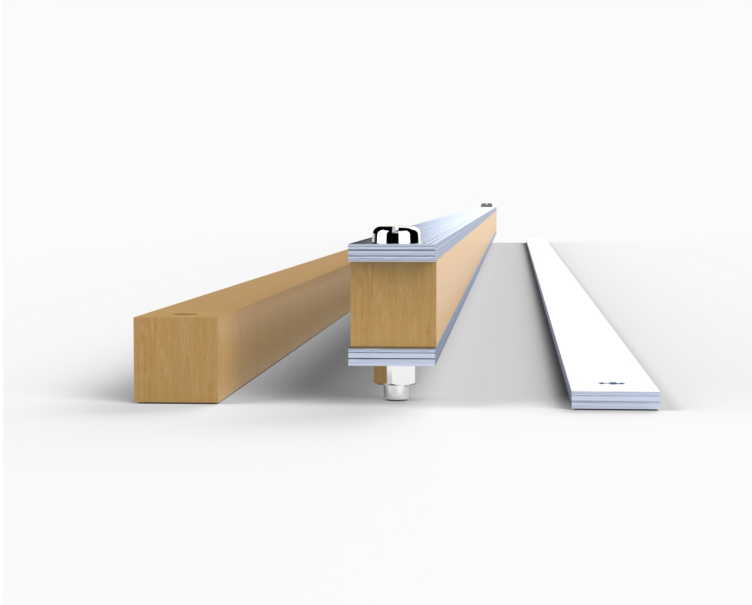




## OPTIONAL FLITCHED BEAM

### HSM1f



**Year 1**  
study

#### Features

- One Set, Three beams
- Composite Wooden Beam
- Extends the Students knowledge to unfamiliar beams

#### Description

Composite Beam with a wooden core and Aluminium Alloy surfaces, that extends the students learning through testing of unfamiliar beams. The composite beam can be tested on a variety of P.A.Hilton Ltd beam experiments. The material that is used in the composite beam, is also supplied as separate beams, so that comparison of results can be obtained, and the evaluation of the Modulus of Elasticity.

#### Related Laws/Applications

- Beams
- Civil Engineering
- Structural Engineering
- Bending Theory
- Beam Span

#### Technical Specification

- Wooden Beam: 1220(L) x 16(W) x 16(H) mm; hardwood
- Aluminium Beam: 1230(L) x 16(W) x 16(H) mm
- Composite beam x 1
- Wooden Beam x 1
- Aluminium Alloy Beam x 2

#### Essential Ancillaries

- HSM1
- HSM1c
- HSM1cD
- HST11

#### What's in the Box?

- 1 x Flitched beam
- 1 x Aluminium beam
- 2 x Wooden beam
- Packing list
- Test sheet

**You might also like**

- HSM1g

**Weights & Dimensions**

- Weight: 2 kg

**Essential Services**

- HSM1
- HSM1c
- HSM1cD
- HST11

**Ordering information**

To order this product, please call PA Hilton quoting the following code:  
HSM1f

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