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Product Name :

Slotted Mass Hanger, 1kg

Product Code :

SLE/LB/28



Description :

The Slotted Mass Hanger, 1kg is a large format cast hanger that weighs 1kg on its own. It carries large slotted masses when a wire, beam or pulley cord is loaded in kilogram steps. The hanger is 26cm long and 7cm wide, and it is supplied as the hanger only, without slotted masses.

1kg slotted mass hanger specifications

Parameter	Detail
Type	Large format slotted mass hanger (cast masses range)
Hanger mass	1kg (1000 g)
Length	26cm
Width	7cm
Supplied as	Hanger only; slotted masses not included
Product code	SLE/LB/28
Minimum order	10 units
Dispatch	Usually within 7 to 10 working days
Manufacturer	ScienceLab (Jain Scientific Equipments Pvt Ltd), Ambala, India

Heavy-load practicals with the 1kg hanger

Young's modulus by Searle's method. Fix Searle's apparatus to a rigid wall mount and hang the 1kg hanger from the test wire, with a steady load on the reference wire beside it. Add large slotted masses one step at a time, bring the spirit level back to horizontal with the micrometer screw, and note each reading. Repeat while unloading.

Deflection of a loaded beam. On a beam deflection apparatus, hang the hanger at mid-span and add slotted masses in equal steps, noting the deflection at each total load. A straight-line graph of deflection against load shows that the beam is still bending elastically.

Limiting friction. Clamp a ball-bearing bench pulley to the bench edge and run a cord from a heavily loaded wooden block over it to the hanger. Add masses until the block just starts to slide, then divide the hanging weight by the total weight of the block and its load to estimate the coefficient of friction.

Frequently Asked Questions About the Slotted Mass Hanger, 1kg

Hov

Allow to stack nch