

**Product Name :**  
Kinematic Model Hookes Coupling

**Product Code :**  
TN106



**Description :**

Kinematic Model Hookes Coupling

**Technical Specification :**

Kinematic Model: Hooke's Coupling

The unit is perform the following experiments and investigations:

Learning Objectives / Experiments:

Representation of the non-uniform transmission of a universal joint

Determine the gimbal error

How the arrangement of the universal joints and the deflection angle affect the gimbal error

Specification:

Investigation of a universal joint shaft

Adjustment of the layout of the universal joints and the deflection angle via two rotary plates

Adjustment of the input angle of the drive universal joint

Measure the output angle of rotation

Determine the angular difference

Technical Data:

Universal joint

Quantity: 2

Standard parts to din 808

Stainless steel

Shaft  
Quantity: 3  
Diameter: 16mm  
Stainless steel  
Ball bearings  
Dimensions and Weight  
Length x Width x Height: 360x280x200mm  
Weight: 3kg

## Naugralabequipments

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