Product name:	Product code:
UNIVERSAL JOINT APPARATUS	APE-0026



Description

UNIVERSAL JOINT APPARATUS

Technical specification

The table model demonstrates the transmission of angular motion to joint shafts, the related gimbal error and how this error can be rectified using couplings. The model consists of two couplings that are connected by a split intermediate shaft. The deflection angle of both joints can be set individually and read on the scales. Drive is achieved by turning a hand wheel. On the drive and power take-off sides there are further angle measuring scales made of transparent plastic with which the difference between the angles of the shafts can be determined.
[1] Benchtop experiment on gimbal error and its avoidance on articulated joints
[2] Universal Joint, standard industrial parts
[3] Scales made of transparent plastic
[4] Ball bearing mounted shaft ends
[5] Solid, painted base plate
[6] lxwxh 360x280x185mm

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