



Non contractual photo

SERVICE :

DIMENSIONS : 400 X 300 X 300 MM

WEIGHT : 15 KG

REFERENCE : DELT2505

The equipment is suitable for explaining the principle of operation of the universal joint

Educational Objectives :

Explanation of the principle of operation of the universal joint
Ability to observe power change for all angles by driving directly

Technical specifications :

A universal joint, or U-joint, is a pivoting connection that can transfer a rotational force between shafts at an angle to each other. A single universal joint is composed of two yokes in Y that are connected by a cross (spider). Bearings at each end of the cross allow the yokes to swing in different angles while rotating. Today, most drive shafts use two universal joints. However, additional universal joints are sometimes required in very long drive shafts.

There are three common types of universal drive shaft seals used on powered vehicles: cross-joint joints (gimbals), homocinetic joint (double-gimbal joints) and ball joint