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MM01 - MOUNTING KIT: BALL GRAPH AND CLOSING VALVE



The assembly, repair and maintenance MM01 kit allows to analyze the differences of a ball valve in front of a shut-off valve. Thanks to the cutting of each system it is possible to study each one of the different components and their operation. The material is supplied placed and protected in a box for transport along with the necessary tools for its use.

MM02 - MOUNTING KIT: PLUNGER COMPRESSOR



The assembly bench MM02 contains everything necessary to introduce the student to a project of assembly of a compressor of plunger, object under study. The kit is supplied with two piston compressors: one under service conditions and one disassembled. In addition, the necessary tools are included for the assembly of the latter, so that it is possible the analysis of the cutting at any time in front of the complete assembly. The bank also has drawers where to store the material, a front panel in which to place the necessary didactic material.

MM03 - ASSEMBLY AND MAINTENANCE: CENTRIFUGAL MULTI-STEEL PUMP



The MM03 Mounting and Maintenance Kit allows the assembly and maintenance of a typical multi-stage centrifugal pump. These pumps are commonly used in industry and water transportation. Thanks to the cutting, the student learns all the components of the pump and its operation. The material is supplied placed and protected in a box for transport along with the necessary tools for its use.

MM04 - ASSEMBLY AND MAINTENANCE: SCREW PUMP



The assembly and maintenance MM04 kit allows the assembly and maintenance of a screw pump. These pumps allow the use of fluids other than water and therefore are usually used in lubrication with oils. Thanks to the cutting, the student learns all the components of the pump and its operation. The material is supplied placed and protected in a box for transport along with the necessary tools for its use.

MM05 - ASSEMBLY AND MAINTENANCE: DIAPHRAGM PUMP



The mounting and maintenance MM05 kit allows the installation and maintenance of a diaphragm pump. The absence of leaks in this type of pumps allows the use of the same for the transport of aggressive, dangerous or toxic liquids; For this reason they are commonly used in the chemical industry. Thanks to the cutting, the student learns all the components of the pump and its operation. The material is supplied placed and protected in a box for transport along with the necessary tools for its use.

MM06 - ASSEMBLY AND MAINTENANCE: PLUNGER PUMP



The assembly and maintenance MM06 kit allows the assembly and maintenance of a plunger pump. For a constant velocity regime, the volumetric flow rate in this type of pumps remains constant for different pressures. Habitually employed in residential buildings, industry or gardening. Thanks to the cutting, the student learns all the components of the pump and its operation. The material is supplied placed and protected in a box for transport along with the necessary tools for its use.

MM07 - ASSEMBLY AND MAINTENANCE: GEAR PUMP



The assembly and maintenance MM07 kit allows the assembly and maintenance of a gear pump. In this type of pumps, the flow rate is proportional to the speed of rotation of the gears (rpm) and with them high pressures and service rates are reached. They are usually used with fluids of high viscosity and free of solid particles. Thanks to the cutting, the student learns all the components of the pump and its operation. The material is supplied placed and protected in a box for transport along with the necessary tools for its use.

MM08 - MOUNTING KIT: HYDRODYNAMIC SLIDE BEARING



The MM08 mounting kit consists of a horizontally cut hydrodynamic bearing. In addition to the bearing, the equipment is supplied with an auxiliary shaft that facilitates the assembly and dismantling of the hydrodynamic slide bearing, thus the student learns all the components and their operation. The material is supplied placed and protected in a box for transport along with the necessary tools for its use.

MM09 - MOUNTING KIT: SHUT-OFF VALVE



The mounting MM09 kit allows the assembly and disassembly of a shut-off valve. Thanks to the cutting it is possible to study each of the different components and their operation, for example, it is possible to observe how with this type of valves it is sought to avoid a sudden cut of the supply that originates the water hammer. The material is supplied placed and protected in a box for transport along with the necessary tools for its use.

MM10 - MOUNTING KIT: COMBINED GEAR

The mounting MM10 kit contains all the necessary parts for the assembly of a combined gear. The complete transmission is formed by several transmissions through different types of gears and in which only a manual force intervenes. The material is supplied placed and protected in a box for transport along with the necessary tools for its use.

MM11 - KIT GATE FLAT WEDGE FLAP AND TITLED SEAT VALVE

The MM11 Mounting Kit allows the differences between a flat wedge flap and a tilted seat valve. Thanks to the cutting of each system it is possible to study each one of the different components and their operation. The material is supplied placed and protected in a box for transport along with the necessary tools for its use.