



# VACUUM CUPS, CLAMPS & LOCATING DEVICES

 European Manufactured

Suction cups are used to secure material that requires machining onto a work surface of a CNC machine. Depending on the make and model of your machine and the type of work to be done, various heights and diameters are available (**Fig.1**).

Other than standard supply, special vacuum cups are available in different shapes (square, rectangular, etc) in order to guarantee the retention necessary to perform the desired work on the part (**Fig.2**).

Clamps that will require a mechanical intervention by the operator to mount and dismount the parts to be worked on, are also available (**Fig.3**). The use of clamps versus a regular suction cup is more common when a part to be worked cannot be held appropriately by a suction cup.

Also available are locating devices, commonly called "back-stops" that are used to determine the position of the parts on the work surface bed (**Fig.4**). These locating devices have a reference point that is either vertically retractable or can be of a pivoting type in order to move out of the way of the tools that have to perform the work around the part once it is held down appropriately.



Fig.4

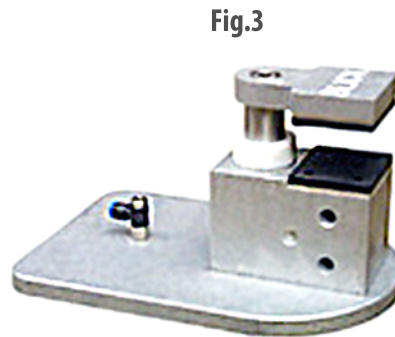


Fig.3



Fig.2



Fig.1

You can order replacement components such as seals, plates, fittings, etc... to keep your items in **perfect** working condition