LASER MARKING OR CHEMICAL ETCH?

Over the past decade, it has become increasingly important for manufacturers to permanently mark the parts they make for identification purposes. Such as date codes, serialization, logos, lot numbers and more. Chemical etching has long been the leading technology for identifying parts. Laser marking process, however, significant advantages over chemical etching. Laser Marking is environmentally friendly and very flexible means optimize the marking process to specific requirements.

Chemical etching is a multi-step procedure, limited to conductive metals. In the chemical etching process, a created and positioned on the part. Chemical electrolyte is applied with a pad and an electrical current is produce the mark. The part must be dried before another chemical is used to dissolve any electrolyte residue.

Laser marking and engraving can be accomplished in one step on a variety of materials. Users can import graphics identify parts and also apply barcodes and serialization with ease. Must laser systems can laser mark a variety type fonts. Laser marking and engraving is the way to go.