

INTRODUCTION

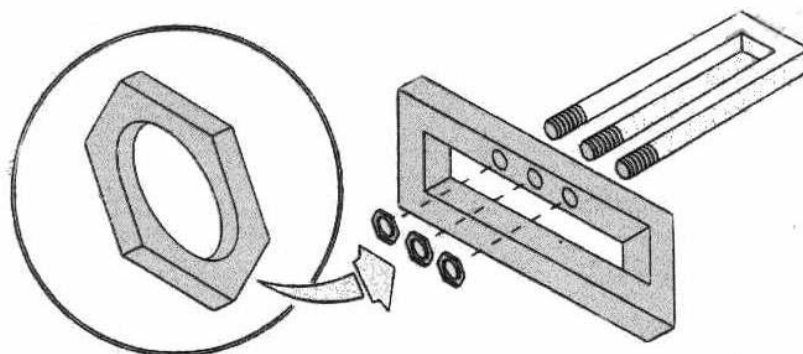
This Screw Thread Information & Tables is intended as a practical tool for all who manufacture and use threaded components in connection with design, machine set-up, manufacturing, process control and SPC. It is **not** intended for use in connection with control and/or calibration of thread plug gauges, thread ring gauges and thread calipers.

This Screw Thread Information & Tables should hopefully help clarify some of the problems with screw threads by showing that screw threads have considerably greater tolerances than most people realise. It should also be used as a reference when working with screw thread tolerances and without special knowledge of screw thread theory. Where possible, references to relevant norms and standards have been given. If in doubt then these relevant norms and standards should be read as they will probably contain more detailed information.

The "perfect" method for screw thread control and measurement probably doesn't exist, but it is my opinion that the best inspection and control is a combination of a "go" thread plug gauge/ "go" thread and measurement of the screw thread pitch diameter. See section **4. SCREW THREAD INSPECTION AND MEASUREMENT**, which gives most of the advantages and disadvantages of various methods.

Ideas and suggestions for further information which the reader finds may have interest to others and should be included here, should be sent to :-

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Things don't have to be as "impossible" as this