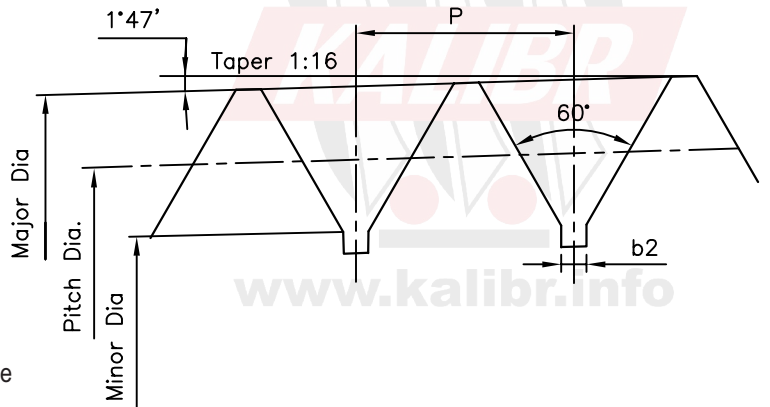


# NPT THREADS

Application: NPT threads are used in general purpose applications of pipe assembly, where a pressure tight joint of the pipes are made, by making the pipes wrench tight using a sealing compound.

## NPT THREAD PROFILE



### SPECIFICATION :

ANSI / ASME B1.20.1-1983 for Basic Type Gauges and American Handbook H-28 Part II – 1957 for Step Limit type Gauges.

### MANUFACTURING RANGE

| DIA IN INCH        | TPI  | Type of Thread Gauges used                      |  |  |   |
|--------------------|------|---|--|--|---|
| 1/16, 1/8          | 27   | Taper Plug Gauges,<br>L1 Basic<br>L1 Step Limit | Plain Taper Plugs<br>to check Taper Bore /<br>Minor Diameter<br>of Internal Threads. | Taper Ring Gauges<br>L1 Basic<br>L1 Step Limit | Master Plug/ Check Plugs/<br>Wear Check<br>Plugs to check<br>Ring Gauges. |
| 1/4, 3/8           | 18   |   |  |  |   |
| 1/2, 3/4           | 14   |   |  |  |   |
| 1, 1.1/4, 1.1/2, 2 | 11.5 | 8   |  |  | Rings Diameter above 8" are not in Mfg. Range                             |
| 2.1/2, 3, 3.1/2, 4 |      |   |  |  |   |
| 4, 5, 6, 8,        |      |   |  |  |   |
| 10, 12             |      |   |  |  |   |

➤ NPT L2 gauges to check threads beyond L1 limit, i.e. up to L2 length for wrench fit, can be supplied on request.

**BASIC TYPE** - one step is provided which corresponds to basic size of component.

**LIMIT TYPE** – Gauge has three steps. These steps corresponds to minimum, basic and maximum size of components.

