

ISO 15872:2017-03 (E)

Aerospace - UNJ threads - Gauging

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms, definitions, symbols and abbreviated terms	1
3.1	Terms and definitions	1
3.2	Symbols and abbreviated terms	2
4	Types of gauges	3
4.1	Gauges and setting plugs for external threaded products	3
4.2	Gauges for internal threaded products	3
5	Reference temperature	3
6	Function, design and use of gauges	4
6.1	Gauges for external threads	4
6.1.1	Virtual pitch diameter indicating thread gauges	4
6.1.2	Solid or adjustable GO screw ring gauges	4
6.1.3	Simple pitch diameter indicating thread gauges	4
6.1.4	Major diameter gauges	5
6.1.5	Minor diameter gauges	5
6.1.6	Optical comparator checks	5
6.2	Gauging for internal threads	5
6.2.1	GO screw plug gauges	5
6.2.2	NOT GO screw plug gauges	5
6.2.3	Minor diameter gauges	5
6.2.4	Virtual pitch diameter indicating thread gauges	5
6.2.5	Simple pitch diameter indicating thread gauges	6
7	Setting of gauges	6
7.1	Setting gauges for external threads	6
7.2	Setting ring gauge for indication thread gauges	6
8	Gauging of threads	6
8.1	General	6
8.2	Internal threads evaluation	7
Bibliography		22