ISO 7-2:2000-09 (E)

Pipe threads where pressure-tight joints are made on the threads - Part 2: Verification by means of limit gauges

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative reference 1

3 Terms and definitions 1

4 Symbols 2

5 Design of gauges 3
5.1 General 3
5.2 Taper full form threaded plug gauges (gauges No. 1 and No. 2) 4
5.3 Parallel full form threaded ring gauge (gauge No. 3) 8
5.4 Taper plain ring gauge (gauge No. 4) 10
5.5 Taper modified thread form check plug gauge (gauge No. 5) 11
5.6 Parallel modified thread form check ring gauge (gauge No. 6) 13

6 Use of gauges and checking of pipe threads 14
6.1 General 14
6.2 Checking of internal taper (Rc) and internal parallel (Rp) threads 15
6.3 Checking of external taper (R) threads 16

7 Gauge dimensions and manufacturing tolerances, checking of new gauges and checking gauges for wear 17
7.1 Gauge dimensions and manufacturing tolerances 17
7.2 Checking of new gauges 23
7.3 Checking gauges for wear 26
7.4 Marking of gauges 28

Annex A (normative) Summary of gauges 29