O-ring Dimension Table for Aircraft

AS 568 Nominal number	Actual dimension mm	
	Thickness W	Inner diameter d
001	1.02	0.74
002	1.27	1.07
003	1.52	1.42
004	1.78	1.78
005	1.78	2.57
006	1.78	2.90
007		3.68
008		4.47
009		5.28
010		6.07
011	1.78	7.65
012		9.25
013		10.82
014		12.42
015		14.00
016	1.78	15.60
017		17.17
018		18.77
019		20.35
020		21.95
021	1.78	23.52
022		25.12
023		26.70
024		28.30
025		29.87
026	1.78	31.47
027		33.05
028		34.65
029		37.82
030		41.00
031	1.78	44.17
032		47.35
033		50.52
034		53.70
035		56.87
036	1.78	60.05
037		63.22
038		66.40
039		69.57
040		72.75
041	1.78	75.92
042		82.27
043		88.62
044		94.67
045		101.32
046	1.78	107.67
047		114.02
048		120.37
049		126.72
050		133.07
102	2.62	1.24
103		2.06
104		2.84
105		3.63
106	2.62	4.42
107		5.23
108		6.02
109		7.59
110		9.19
111	2.62	10.77
112		12.37
113		13.94
114		15.54
115		17.12

AS 568 Nominal number	Actual dimension mm	
	Thickness W	Inner diameter d
116	2.62	18.72
117		20.29
118		21.89
119		23.47
120		25.07
121	2.62	26.64
122		28.24
123		29.82
124		31.42
125		32.99
126	2.62	34.59
127		36.17
128		37.77
129		39.34
130		40.94
131	2.62	42.52
132		44.12
133		45.69
134		47.29
135		48.89
136	2.62	50.47
137		52.07
138		53.64
139		55.24
140		56.82
141	2.62	58.42
142		59.99
143		61.59
144		63.17
145		64.77
146	2.62	66.34
147		67.94
148		69.52
149		71.12
150		72.69
151	2.62	75.87
152		82.22
153		88.57
154		94.92
155		101.27
156	2.62	107.62
157		113.97
158		120.32
159		126.67
160		133.02
161	2.62	139.37
162		145.72
163		152.07
164		158.42
165		164.77
166	2.62	171.12
167		177.47
168		183.82
169		190.17
170		196.52
171	2.62	202.87
172		209.22
173		215.57
174		221.92
175		228.27
176	2.62	234.62
177		240.97
178		247.32

AS 568 Nominal number	Actual dimension mm	
	Thickness W	Inner diameter d
201	3.53	4.34
202		5.94
203		7.52
204		9.12
210	3.53	18.64
211		20.22
212		21.82
213		23.39
214		24.99
215	3.53	26.57
216		28.17
217		29.74
218		31.34
219		32.92
220	3.53	34.52
221		36.09
222		37.69
223		40.87
224		44.04
225	3.53	47.22
226		50.39
227		53.57
228		56.74
229		59.92
230	3.53	63.09
231		66.27
232		69.44
233		72.62
234		75.79
235	3.53	78.97
236		82.14
237		85.32
238		88.49
239		91.67
240	3.53	94.84
241		98.02
242		101.19
243		104.37
244		107.54
245	3.53	110.72
246		113.89
247		117.07
248		120.24
249		123.42
250	3.53	126.59
251		129.77
252		132.94
253		136.12
254		139.29
255	3.53	142.47
256		145.64
257		148.82
258		151.99
259		158.34
260	3.53	164.69
261		171.04
262		177.39
263		183.74
264		190.09
265	3.53	196.44
266		202.79
267		209.14
268		215.49
269		221.84
270	3.53	228.19
271		234.54
272		240.89
273		247.24
274		253.59
275	3.53	266.29
276		278.99
277		291.69
278		304.39
279		329.79

AS 568 Nominal number	Actual dimension mm	
	Thickness W	Inner diameter d
280	3.53	355.19
281		380.59
282		405.26
283		430.66
284		456.06
309	5.33	10.46
310	5.33	12.06
311		13.64
312		15.24
313		16.81
314		18.41
315	5.33	19.99
316		21.59
317		23.16
318		24.76
319		26.34
320	5.33	27.94
321		29.51
322		31.11
323		32.69
324		34.29
325	5.33	37.46
326		40.64
327		43.82
328		46.99
330		53.34
329	5.33	50.16
331		56.52
332		59.69
333		62.86
334		66.04
335	5.33	69.22
336		72.39
337		75.56
338		78.74
339		81.92
340	5.33	85.09
341		88.26
342		91.44
343		94.62
344		97.79
345	5.33	100.96
346		104.14
347		107.32
348		110.49
349		113.66
350	5.33	116.84
351		120.02
352		123.19
353		126.36
354		129.54
355	5.33	132.72
356		135.89
357		139.07
358		142.24
359		145.42
360	5.33	148.59
361		151.57
362		158.12
363		164.47
364		170.82
365	5.33	177.17
366		183.52
367		189.87
368		196.22
369		202.57
370	5.33	208.92
371		215.27
372		221.62
373		227.97
374		234.32

AS 568 Nominal number	Actual dimension mm	
	Thickness W	Inner diameter d
375	5.33	240.67
376		247.67
377		253.37
378		266.07
379		278.77
380	5.33	291.47
381		304.17
382		329.57
383		354.97
384		380.37
385	5.33	405.26
386		430.66
387		456.07
388		481.41
389		506.81
390	5.33	532.21
391		557.61
392		582.62
393		608.08
394		633.48
395	5.33	658.88
425	6.98	113.66
426		116.84
427		120.02
428		123.19
429		126.36
430	6.98	129.54
431		132.72
432		135.89
433		139.06
434		142.24
435	6.98	145.42
436		148.59
437		151.76
438		158.12
439		164.46
440	6.98	170.82
441		177.16
442		183.52
443		189.86
444		196.22
445	6.98	202.56
446		215.27
447		227.96
448		240.67
449		253.36
450	6.98	266.07
451		278.76
452		291.47
453		304.16
454		316.87
455	6.98	329.56
456		342.27
457		354.96
458		367.67
459		380.36
460	6.98	393.07
461		405.26
462		417.96
463		430.66
464		443.36
465	6.98	456.06
466		468.76
467		481.46
468		494.16
469		506.86
470	6.98	532.26
471		557.66
472		582.68
473		608.08
474		633.48
475	6.98	658.88