

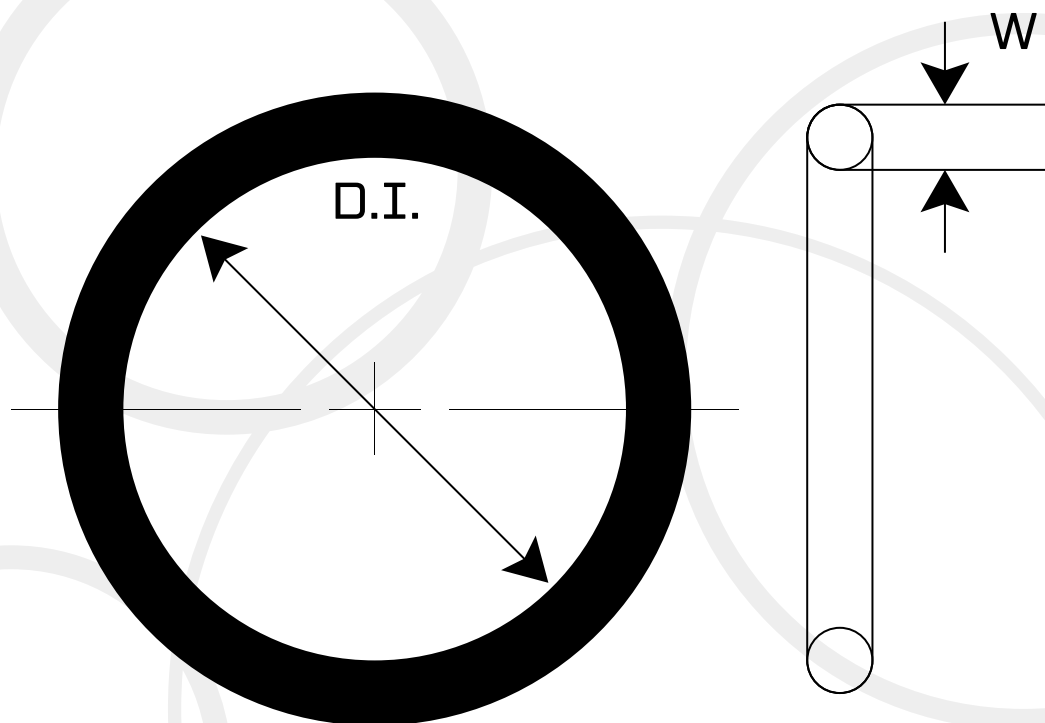


BARDA  
SEAL



**O-Ring**  
**Guía de Referencia**

# Medición de los O-rings



D.I	Diametro Interior
W	Grosor

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# AS - 568

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Número	Pulg. M.M. Exactas		Nominales (Pulgadas)			Número	Pulg. M.M. Exactas		Nominales (Pulgadas)			Número	Pulg. M.M. Exactas		Nominales (Pulgadas)		
	D.I.	D.I.	D.I.	D.E.	W		D.I.	D.I.	D.I.	D.E.	W		D.I.	D.I.	D.I.	D.E.	W
001	0.029	0.74	1/32	3/32	1/32	102	0.049	1.24	1/16	1/4	3/32	201	0.171	4.34	3/16	7/16	1/8
002	0.042	1.07	3/64	9/64	3/64	103	0.081	2.06	3/32	9/32	3/32	202	0.231	5.94	1/4	1/2	1/8
003	0.056	1.42	1/16	3/16	1/16	104	0.112	2.84	1/8	5/16	3/32	203	0.296	7.52	5/16	9/16	1/8
004	0.070	1.78	5/64	13/64	1/16							204	0.359	9.12	3/8	5/8	1/8
005	0.101	2.57	3/32	7/32	1/16												
006	0.114	2.90	1/8	1/4	1/16	105	0.143	3.63	2/32	11/32	3/32	205	0.421	10.69	7/16	11/16	1/8
007	0.145	3.68	5/32	9/32	1/16	106	0.174	4.42	3/16	3/8	3/32	206	0.484	12.29	1/2	3/4	1/8
008	0.176	4.47	3/16	5/16	1/16	107	0.206	5.23	7/32	13/32	3/32	207	0.546	13.87	9/16	13/16	1/8
009	0.208	5.28	7/32	11/32	1/16	108	0.237	6.02	1/4	7/16	3/32	208	0.609	15.47	5/8	7/8	1/8
010	0.239	6.07	1/4	3/8	1/16	109	0.299	7.59	5/16	1/2	3/32	209	0.671	17.04	11/16	15/16	1/8
011	0.301	7.65	5/16	7/16	1/16	110	0.362	9.19	3/8	9/16	3/32	210	0.734	18.64	3/4	1	1/8
012	0.364	9.25	3/8	1/2	1/16	111	0.424	10.77	7/16	5/8	3/32	211	0.796	20.22	13/16	1 1/16	1/8
013	0.426	10.82	7/16	9/16	1/16	112	0.487	12.37	1/2	11/16	3/32	212	0.859	21.82	7/8	1 1/8	1/8
014	0.489	12.42	1/2	5/8	1/16	113	0.549	13.94	9/16	3/4	3/32	213	0.921	23.39	15/16	1 3/16	1/8
015	0.551	14.00	9/16	11/16	1/16	114	0.612	15.54	5/8	13/16	3/32	214	0.984	24.99	1	1 1/4	1/8
016	0.614	15.60	5/8	3/4	1/16	115	0.674	17.12	11/16	7/8	3/32	215	1.046	26.57	1 1/16	1 5/8	1/8
017	0.676	17.17	11/16	13/16	1/16	116	0.737	18.72	3/4	15/16	3/32	216	1.109	28.17	1 1/8	1 3/8	1/8
018	0.739	18.77	3/4	7/8	1/16	117	0.799	20.30	13/16	1	3/32	217	1.171	29.74	1 3/16	1 7/16	1/8
019	0.801	20.35	16/16	15/16	1/16	118	0.862	21.89	7/8	1 1/16	3/32	218	1.234	31.34	1 1/4	1 1/2	1/8
020	0.864	21.95	7/8	1	1/16	119	0.924	23.47	15/16	1 1/8	3/32	219	1.296	32.92	1 5/16	1 9/16	1/8
021	0.926	23.52	15/16	1 1/16	1/16	120	0.987	25.07	1	1 3/16	3/32	220	1.359	34.52	1 3/8	1 5/8	1/8
022	0.989	25.12	1	1 1/8	1/16	121	1.049	26.64	1 1/16	1 1/4	3/32	221	1.421	36.09	1 7/16	1 11/16	1/8
023	1.051	26.70	1 1/16	1 3/8	1/16	122	1.112	28.22	1 1/8	1 5/16	3/32	222	1.484	37.69	1 1/2	1 3/4	1/8
024	1.114	28.30	1 1/8	1 1/4	1/16	123	1.174	29.82	1 3/16	1 3/8	3/32	223	1.549	40.87	1 5/8	1 7/8	1/8
025	1.176	29.87	1 3/16	1 5/16	1/16	124	1.237	31.42	1 1/4	1 7/16	3/32	224	1.734	44.04	1 3/4	2	1/8
026	1.239	31.47	1 1/4	1 3/8	1/16	125	1.299	32.99	1 5/16	1 1/2	3/32	225	1.859	47.22	1 7/8	2 1/8	1/8
027	1.301	33.05	1 5/16	1 7/16	1/16	126	1.362	34.59	1 3/8	1 9/16	3/32	226	1.984	50.39	2	2 1/4	1/8
028	1.364	34.65	1 3/8	1 1/2	1/16	127	1.424	36.17	1 7/16	1 5/8	3/32	227	2.109	53.57	2 1/8	2 3/8	1/8
029	1.489	37.82	1 1/2	1 5/8	1/16	128	1.487	37.77	1 1/2	1 11/16	3/32	228	2.234	56.76	2 1/4	2 1/2	1/8
030	1.614	41.00	1 5/8	1 3/4	1/16	129	1.549	39.34	1 9/16	1 3/4	3/32	229	2.359	59.22	2 3/8	2 5/8	1/8
031	1.739	44.17	1 3/4	1 7/8	1/16	130	1.612	40.94	1 5/8	1 13/16	3/32	230	2.484	63.09	2 1/2	2 3/4	1/8
032	1.864	47.35	1 7/8	2	1/16	131	1.674	42.52	1 7/8	1 7/8	3/32	231	2.609	66.27	2 5/8	2 7/8	1/8
033	1.989	50.52	2	2 1/8	1/16	132	1.737	44.12	1 3/4	1 15/16	3/32	232	2.734	69.44	2 3/4	3	1/8
034	2.114	53.70	2 1/8	2 1/4	1/16	133	1.799	45.69	1 3/16	2	3/32	233	2.859	72.62	2 7/8	3 1/8	1/8
035	2.239	56.87	2 1/4	2 3/8	1/16	134	1.862	47.29	1 7/8	2 1/8	3/32	234	2.984	75.79	3	3 1/4	1/8
036	2.364	60.05	2 3/8	2 1/2	1/16	135	1.925	48.89	1 5/16	2 1/8	3/32	235	3.109	78.97	3 1/8	3 3/8	1/8
037	2.489	63.22	2 1/2	2 5/8	1/16	136	1.987	50.47	2	2 3/16	3/32	236	3.234	82.14	3 1/4	3 1/2	1/8
038	2.614	66.40	2 5/8	2 3/4	1/16	137	2.050	52.07	2 1/16	2 1/4	3/32	237	3.359	85.32	3 3/8	3 5/8	1/8
039	2.739	69.57	2 3/4	2 7/8	1/16	138	2.112	53.64	2 1/8	2 5/16	3/32	238	3.484	88.49	3 1/2	3 3/4	1/8
040	2.864	72.75	2 7/8	3	1/16	139	2.175	55.25	2 3/16	2 3/8	3/32	239	3.609	91.67	3 5/8	3 7/8	1/8
041	2.989	75.92	3	3 1/8	1/16	140	2.237	56.82	2 1/4	2 7/16	3/32	240	3.734	94.84	3 3/4	4	1/8
042	3.239	82.27	3 1/4	3 3/8	1/16	141	2.300	58.42	2 5/16	2 1/2	3/32	241	3.859	98.02	3 7/8	4 1/8	1/8
043	3.489	88.62	3 1/2	3 5/8	1/16	142	2.362	59.99	2 3/8	2 9/16	3/32	242	3.984	101.19	4	4 1/4	1/8
044	3.739	94.97	3 3/4	3 7/8	1/16	143	2.425	61.60	2 7/16	2 5/8	3/32	243	4.109	104.37	4 1/8	4 3/8	1/8
045	3.989	101.32	4	4 1/8	1/16	144	2.487	63.17	2 1/2	2 11/16	3/32	244	4.234	107.54	4 1/4	4 1/2	1/8
046	4.239	107.67	4 1/4	4 3/8	1/16	145	2.550	64.77	2 9/16	2 3/4	3/32	245	4.359	110.72	4 3/8	4 5/8	1/8
047	4.489	114.02	4 1/2	4 5/8	1/16	146	2.612	66.34	2 5/8	2 16/16	3/32	246	4.484	113.89	4 1/2	4 3/4	1/8
048	4.739	120.37	4 3/4	4 7/8	1/16	147	2.675	67.95	2 1/16	2 7/8	3/32	247	4.609	117.07	4 5/8	4 7/8	1/8
049	4.989	126.72	5	5 1/8	1/16	148	2.737	69.52	2 3/4	2 15/16	3/32	248	4.734	120.24	4 3/4	5	1/8
050	5.239	133.07	5 1/4	5 3/8	1/16	149	2.800	71.12	2 3/16	3	3/32	249	4.859	123.42	4 7/8	5 1/8	1/8
150	2.862	72.69	2 7/8	3 1/16	3/32	550	4.984	126.59	5	5 1/4	1/8	250	4.984	126.59	5	5 1/4	1/8
151	2.987	75.87	3	3 3/16	3/32	251	5.109	129.77	5 1/8	5 3/8	1/8	251	5.109	129.77	5 1/8	5 3/8	1/8
152	3.237	82.22	3 1/4	3 7/16	3/32	252	5.234	133.94	5 1/4	5 1/2	1/8	252	5.234	133.94	5 1/4	5 1/2	1/8
153	3.487	88.57	3 1/2	3 11/16	3/32	253	5.359	138.12	5 3/8	5 5/8	1/8	253	5.359	138.12	5 3/8	5 5/8	1/8
154	3.737	94.92	3 3/4	3 15/16	3/32	254	5.484	139.29	5 1/2	5 3/4	1/8	254	5.484	139.29	5 1/2	5 3/4	1/8
155	2.550	64.77	2 9/16	2 3/4	3/32	255	5.609	142.47	5 5/8	5 7/8	1/8	255	5.609	142.47	5 5/8	5 7/8	1/8
156	2.612	66.34	2 5/8	2 16/16	3/32	256	5.734	145.64	5 3/4	6	1/8	256	5.734	145.64	5 3/4	6	1/8
157	2.675	67.95	2 1/16	2 7/8	3/32	257	5.859	148.82	5 7/8	6 1/8	1/8	257	5.859	148.82	5 7/8	6 1/8	1/8
158	2.737	69.52	2 3/4	2 15/16	3/32	258	5.984	151.99	6	6 1/4	1/8	258	5.984	151.99	6	6 1/4	1/8
159	2.800	71.12	2 3/16	3	3/32	259	6.234	158.34	6 1/4	6 1/2	1/8	259	6.234	158.34	6 1/4	6 1/2	1/8
160	5.237	133.02	5 1/4	5 7/16	3/32	260	6.484	164.69	6 1/2	6 3/4	1/8	260	6.484	164.69	6 1/2	6 3/4	1/8
161	5.487	139.37	5 1/2	5 11/16	3/32	261	6.734	171.04	6 3/4	7	1/8	261	6.734	171.04	6 3/4	7	1/8
162	5.737	145.72	5 3/4	5 15/16	3/32	262	6.984	177.39	7	7 1/4	1/8	262	6.984	177.39	7	7 1/4	1/8
163	5.987	152.07	6	6 3/16	3/32	263	7.234	183.74	7 1/4	7 1/2	1/8	263	7.234	183.74	7 1/4	7 1/2	1/8
164	6.237	158.42	6 1/4	6 7/16	3/32	264	7.484	190.09	7 1/2	7 3/4	1/8	264	7.484	190.09	7 1/2	7 3/4	1/8
165	6.487	164.77	6 1/2	6 11/16	3/32	265	7.734	196.44	7 3/4	8	1/8	265	7.734	196.44	7 3/4	8	1/8
166	6.737	171.12	6 3/4	6 15/16	3/32	266	7.984	202.79	8	8 1/4	1/8	266	7.984	202.79	8	8 1/4	1/8
167	6.987	177.47	7	6 3/16	3/32	267	8.234	209.14	8 1/4	8 1/2	1/8	267	8.234	209.14	8 1/4	8 1/2	1/8
168	7.237	183.82	7 1/4	6 7/16	3/32	268	8.484	215.49	8 1/2	8 3/4	1/8	268	8.484	215.49	8 1/2	8 3/4	

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4						5						6					
$0.210'' + 0.005 * \text{PULG.}$ $5.13 + 0.13 * \text{M.M.}$						$0.275'' + 0.006 * \text{PULG.}$ $6.99 + 0.15 * \text{M.M.}$						Para Conexiones de Rosca Recta					
Número	Pulg. M.M. Exactas		Nominales (Pulgadas)			Número	Pulg. M.M. Exactas		Nominales (Pulgadas)			Número	Pulgadas		Milímetros		
	D.I.	D.I.	D.I.	D.E.	W		D.I.	D.I.	D.I.	D.E.	W		D.I.	W	D.I.	W	
309	0.412	10.46	7/16	13/16	3/16	425	4.475	113.67	4 1/2	5	1/4	901	0.185	0.056	4,701.42	3/32	
310	0.475	12.07	1/2	7/8	3/16	426	4.600	116.84	4 5/8	5 1/8	1/4	902	0.239	0.064	6,071.63	1/8	
311	0.537	13.64	9/16	1 5/8	3/16	427	4.725	120.92	4 3/4	5 1/4	1/4	903	0.301	0.064	7,651.63	3/16	
312	0.600	15.24	5/8	1	3/16	428	4.850	123.19	4 7/8	5 3/8	1/4	904	0.351	0.072	8,921.63	1/4	
313	0.662	16.81	11/16	1 1/8	3/16							905	0.414	0.072	10,521.63	5/16	
314	0.725	18.42	3/4	1 1/8	3/16												
315	0.787	19.99	13/16	1 3/16	3/16	429	4.975	126.37	5	5 1/2	1/4	906	0.468	0.078	11,891.98	11/16	
316	0.850	21.59	7/8	1 1/4	3/16	430	5.100	129.54	5 1/8	5 5/8	1/4	907	0.530	0.082	13,462.08	3/4	
317	0.912	23.16	15/16	1 5/16	3/16	431	5.225	132.72	5 1/4	5 3/4	1/4	908	0.644	0.087	16,362.21	13/16	
318	0.975	24.77	1	1 3/8	3/16	432	5.350	135.89	5 3/8	5 7/8	1/4	909	0.706	0.097	17,932.46	7/8	
319	1.037	26.34	1 1/16	1 7/16	3/16	433	5.475	139.07	5 1/2	6	1/4	910	0.755	0.097	19,162.46	1	
320	1.100	27.94	1 1/8	1 1/2	3/16	434	5.600	142.24	5 5/8	6 1/8	1/4	911	0.865	0.116	21,922.95	11/16	
321	1.162	29.51	1 3/16	1 9/16	3/16	435	5.725	145.42	5 3/4	6 1/4	1/4	912	0.924	0.116	23,472.95	3/4	
322	1.225	31.12	1 1/4	1 5/8	3/16	436	5.850	148.59	5 7/8	6 3/8	1/4	913	0.996	0.116	25,042.95	13/16	
323	1.287	32.69	1 5/16	1 11/16	3/16	437	5.975	151.77	6	6 1/2	1/4	914	1.047	0.116	26,592.95	7/8	
324	1.350	34.29	1 3/8	1 3/4	3/16	438	6.225	158.12	6 1/4	6 3/4	1/4	916	1.171	0.116	29,742.95	1	
325	1.475	37.47	1 1/2	1 7/8	3/16	439	6.475	164.47	6 1/2	7	1/4	918	1.355	0.116	34,422.95	1 1/8	
326	1.600	40.64	1 5/8	2	3/16	440	6.725	170.82	6 3/4	7 1/4	1/4	920	1.475	0.116	37,472.95	1 1/4	
327	1.725	43.82	1 3/4	2 1/8	3/16	441	6.975	177.17	7	7 1/2	1/4	924	1.720	0.116	43,693.00	1 1/2	
328	1.850	46.99	1 7/8	2 1/4	3/16	442	7.225	183.52	7 1/4	7 3/4	1/4	928	2.090	0.116	53,093.00	1 3/4	
329	1.975	50.17	2	2 3/8	3/16	443	7.475	189.87	7 1/2	8	1/4	932	2.337	0.116	59,363.00	2	
330	2.100	53.34	2 1/8	2 1/2	3/16	444	7.725	196.22	7 3/4	8 1/4	1/4						
331	2.225	56.52	2 1/4	2 5/8	3/16	445	7.975	202.57	8	8 1/2	1/4						
332	2.350	59.69	2 3/8	2 3/4	3/16	446	8.475	215.27	8 1/2	9	1/4						
333	2.475	62.87	2 1/2	2 7/8	3/16	447	8.975	227.97	9	9 1/2	1/4						
334	2.600	66.04	2 5/8	3	3/16	448	9.475	240.67	9 1/2	10	1/4						
335	2.725	69.22	2 3/4	3 1/8	3/16	449	9.975	253.37	10	10 1/2	1/4						
336	2.850	72.39	2 7/8	3 1/4	3/16	450	0.475	266.07	10 1/2	11	1/4						
337	2.975	75.57	3	3 3/8	3/16	451	10.975	278.77	11	11 1/2	1/4						
338	2.100	78.74	3 1/8	3 1/2	3/16	452	11.475	291.47	11 1/2	12	1/4						
339	2.225	81.92	3 1/4	3 5/8	3/16	453	11.975	304.17	12	12 1/2	1/4						
340	3.350	85.09	3 3/8	3 3/4	3/16	454	12.475	316.87	12 1/2	13	1/4						
341	3.475	88.27	3 1/2	3 7/8	3/16	455	12.975	329.57	13	13 1/2	1/4						
342	3.600	91.44	3 5/8	4	3/16	456	13.475	342.27	13 1/2	14	1/4						
343	3.725	94.62	3 3/4	4 1/8	3/16	457	13.975	354.97	14	14 1/2	1/4						
344	3.850	97.79	3 7/8	4 1/4	3/16	458	14.475	367.67	14 1/2	15	1/4						
345	3.975	100.97	4	4 3/8	3/16	459	14.975	380.37	15	15 1/2	1/4						
346	4.100	104.14	4 1/8	4 1/2	3/16	460	15.475	393.07	15 1/2	16	1/4						
347	4.225	107.32	4 1/4	4 5/8	3/16	461	15.975	405.77	16	16 1/2	1/4						
348	4.350	110.49	4 3/8	4 3/4	3/16	462	16.455	417.96	16 1/2	17	1/4						
349	4.475	113.67	4 1/2	4 7/8	3/16	463	16.955	430.66	17	17 1/2	1/4						
350	4.600	116.84	4 5/8	5	3/16	464	17.455	443.36	17 1/2	18	1/4						
351	4.725	120.02	4 3/4	5 1/8	3/16	465	17.955	456.06	18	18 1/2	1/4						
352	4.850	123.19	4 7/8	5 1/4	3/16	466	18.455	468.76	18 1/2	19	1/4						
353	4.975	126.37	5	5 3/8	3/16	467	18.955	481.46	19	19 1/2	1/4						
354	4.100	129.54	5 1/8	5 1/2	3/16	468	19.455	494.16	19 1/2	20	1/4						
355	5.225	132.72	5 1/4	5 5/8	3/16	469	19.955	506.86	20	20 1/2	1/4						
356	5.350	135.89	5 3/8	5 3/4	3/16	470	20.955	532.26	21	21 1/2	1/4						
357	5.475	139.07	5 1/2	5 7/8	3/16	472	22.940	582.68	23	23 1/2	1/4						
358	5.600	142.24	5 5/8	6	3/16	474	24.940	633.48	25	25 1/2	1/4						
359	5.725	145.42	5 3/4	6 1/8	3/16												
360	5.850	148.59	5 7/8	6 1/4	3/16												
361	5.975	151.77	6	6 3/8	3/16												
362	6.225	158.12	6 1/4	6 5/8	3/16												
363	6.475	164.47	6 1/2	6 7/8	3/16												
364	6.725	170.82	6 3/4	7 1/8	3/16												
365	6.975	177.17	7	7 3/8	3/16												
366	7.225	183.52	7 1/4	7 5/8	3/16												
367	7.475	189.87	7 1/2	7 7/8	3/16												
368	7.225	186.22	7 3/4	8 1/8	3/16												
369	7.975	202.57	8	8 3/8	3/16												
370	8.225	208.92	8 1/4	8 5/8	3/16												
371	8.475	215.27	8 1/2	8 7/8	3/16												
372	8.725	221.62	8 3/4	9 1/8	3/16												
373	8.975	227.97	9	9 3/8	3/16												
374	8.225	234.32	9 1/4	9 5/8	3/16												
375	9.475	240.67	9 1/2	9 7/8	3/16												
376	9.725	247.02	9 3/4	10 1/8	3/16												
377	9.975	253.37	10	10 3/8	3/16												
378	10.475	266.07	10 1/2	10 7/8	3/16												
379	10.975	278.77	11	11 3/8	3/16												
380	11.475	291.47	11 1/2	11 7/8	3/16												
381	11.975	304.17	12	12 3/8	3/16												
382	12.975	329.57	13	13 3/8	3/16												
383	13.975	354.97	14	14 3/8	3/16												
384	14.975	380.37	15	15 3/8	3/16												
385	15.955	405.26	16	16 3/8	3/16												
386	16.955	430.66	17	17 3/8	3/16												
387	17.955	456.06	18	18 3/8	3/16												
388	18.953	481.41	19	19 3/8	3/16												
389	19.953	506.81	20	20 3/8	3/16												
390	20.953	532.21	21	21 3/8	3/16												
391	21.953	557.61	22	22 3/8	3/16												



Tabla para diseño de alojamiento estáticos y dinámicos (pulgadas)

	Número de arosello	Diámetro (W) de la sección transversal o grueso		Profundidad del alojamiento (L)	Aplastamiento		Claro diametral total (E)	Ancho del alojamiento (G)	Radio del alojamiento (R)
		Nominal	Real		Real	%			
Estático	2-004 al 2-012	1/16	.070 + .003	.050 a .052	.015 a .023	22 a 32	.002 a .005	.093 a .098	.005 a .015
	2-110 al 2-178	3/32	.113 + .003	.081 a .083	.015 a .023	17 a 24	.002 a .005	.140 a .145	.005 a .015
	2-210 al 2-284	1/8	.139 + .004	.111 a .113	.015 a .023	16 a 23	.003 a .006	.187 a .192	.010 a .025
	2-325 al 2-395	3/16	.210 + .005	.170 a .173	.015 a .023	15 a 21	.003 a .006	.281 a .286	.020 a .035
	2-425 al 2-475	1/4	.275 + .006	.226 a .229	.015 a .023	15 a 20	.004 a .007	.375 a .380	.020 a .035
Dinámico	2-006 al 2-012	1/16	.070 + .003	.055 a .087	.010 a .018	15 a 25	.002 a .005	.093 a .098	.005 a .015
	2-110 al 2-116	3/32	.113 + .003	.088 a .090	.010 a .018	10 a 17	.002 a .005	.140 a .145	.005 a .015
	2-210 al 2-222	1/8	.139 + .004	.121 a .123	.012 a .022	9 a 16	.003 a .006	.187 a .192	.010 a .025
	2-325 al 2-349	3/16	.210 + .005	.185 a .188	.017 a .030	8 a 14	.003 a .006	.281 a .286	.020 a .035
	2-425 al 2-460	1/4	.275 + .006	.237 a .240	.029 a .044	11 a 16	.004 a .007	.375 a .380	.020 a .035

