

Every AS568 size is identified by a **dash number**, which fixes both the inside diameter (ID) and the cross section (CS) — outside diameter is derived as **OD = ID + (2 × CS)**. This chart lists the complete standard AS568 range: the five main inch series (dash 001–475, 349 sizes) plus the 900-series boss gasket seals for straight-thread tube fittings (dash 901–932, 20 sizes) — 369 sizes in total. Dimensions are nominal reference values; actual parts are held to standard AS568/AS4716 tolerances, which tighten as section size decreases.

Series 1 Dash 001 – 050			CS 0.070" / 1.78 mm		
Dash	ID in	ID mm	Dash	ID in	ID mm
001	0.029	0.74	026	1.239	31.47
002	0.042	1.07	027	1.301	33.05
003	0.056	1.42	028	1.364	34.65
004	0.070	1.78	029	1.489	37.82
005	0.101	2.57	030	1.614	41.00
006	0.114	2.90	031	1.739	44.17
007	0.145	3.68	032	1.864	47.35
008	0.176	4.47	033	1.989	50.52
009	0.208	5.28	034	2.114	53.70
010	0.239	6.07	035	2.239	56.87
011	0.301	7.65	036	2.364	60.05
012	0.364	9.25	037	2.489	63.22
013	0.426	10.82	038	2.614	66.40
014	0.489	12.42	039	2.739	69.57
015	0.551	14.00	040	2.864	72.75
016	0.614	15.60	041	2.989	75.92
017	0.676	17.17	042	3.239	82.27
018	0.739	18.77	043	3.489	88.62
019	0.801	20.35	044	3.739	94.97
020	0.864	21.95	045	3.989	101.32
021	0.926	23.52	046	4.239	107.67
022	0.989	25.12	047	4.489	114.02
023	1.051	26.70	048	4.739	120.37
024	1.114	28.30	049	4.989	126.72
025	1.176	29.87	050	5.239	133.07

Nominal reference dimensions only — actual manufactured parts are subject to standard tolerances. Available in NBR, EPDM, Silicone, FKM, FFKM and PTFE in standard and metal detectable compounds.

Series 2 Dash 102 – 178			CS 0.103" / 2.62 mm					
Dash	ID in	ID mm	Dash	ID in	ID mm	Dash	ID in	ID mm
102	0.049	1.24	128	1.487	37.77	154	3.737	94.92
103	0.081	2.06	129	1.549	39.34	155	3.987	101.27
104	0.112	2.84	130	1.612	40.94	156	4.237	107.62
105	0.143	3.63	131	1.674	42.52	157	4.487	113.97
106	0.174	4.42	132	1.737	44.12	158	4.737	120.32
107	0.206	5.23	133	1.799	45.69	159	4.987	126.67
108	0.237	6.02	134	1.862	47.29	160	5.237	133.02
109	0.299	7.59	135	1.925	48.89	161	5.487	139.37
110	0.362	9.19	136	1.987	50.47	162	5.737	145.72
111	0.424	10.77	137	2.050	52.07	163	5.987	152.07
112	0.487	12.37	138	2.112	53.64	164	6.237	158.42
113	0.549	13.94	139	2.175	55.24	165	6.487	164.77
114	0.612	15.54	140	2.237	56.82	166	6.737	171.12
115	0.674	17.12	141	2.300	58.42	167	6.987	177.47
116	0.737	18.72	142	2.362	59.99	168	7.237	183.82
117	0.799	20.29	143	2.425	61.59	169	7.487	190.17
118	0.862	21.89	144	2.487	63.17	170	7.737	196.52
119	0.924	23.47	145	2.550	64.77	171	7.987	202.87
120	0.987	25.07	146	2.612	66.34	172	8.237	209.22
121	1.049	26.64	147	2.675	67.94	173	8.487	215.57
122	1.112	28.24	148	2.737	69.52	174	8.737	221.92
123	1.174	29.82	149	2.800	71.12	175	8.987	228.27
124	1.237	31.42	150	2.862	72.69	176	9.237	234.62
125	1.299	32.99	151	2.987	75.87	177	9.487	240.97
126	1.362	34.59	152	3.237	82.22	178	9.737	247.32
127	1.424	36.17	153	3.487	88.57			

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Series 3 Dash 201 – 284						CS 0.139" / 3.53 mm		
Dash	ID in	ID mm	Dash	ID in	ID mm	Dash	ID in	ID mm
201	0.171	4.34	229	2.359	59.92	257	5.859	148.82
202	0.234	5.94	230	2.484	63.09	258	5.984	151.99
203	0.296	7.52	231	2.609	66.27	259	6.234	158.34
204	0.359	9.12	232	2.734	69.44	260	6.484	164.69
205	0.421	10.69	233	2.859	72.62	261	6.734	171.04
206	0.484	12.29	234	2.984	75.79	262	6.984	177.39
207	0.546	13.87	235	3.109	78.97	263	7.234	183.74
208	0.609	15.47	236	3.234	82.14	264	7.484	190.09
209	0.671	17.04	237	3.359	85.32	265	7.734	196.44
210	0.734	18.64	238	3.484	88.49	266	7.984	202.79
211	0.796	20.22	239	3.609	91.67	267	8.234	209.14
212	0.859	21.82	240	3.734	94.84	268	8.484	215.49
213	0.921	23.39	241	3.859	98.02	269	8.734	221.84
214	0.984	24.99	242	3.984	101.19	270	8.984	228.19
215	1.046	26.57	243	4.109	104.37	271	9.234	234.54
216	1.109	28.17	244	4.234	107.54	272	9.484	240.89
217	1.171	29.74	245	4.359	110.72	273	9.734	247.24
218	1.234	31.34	246	4.484	113.89	274	9.984	253.59
219	1.296	32.92	247	4.609	117.07	275	10.484	266.29
220	1.359	34.52	248	4.734	120.24	276	10.984	278.99
221	1.421	36.09	249	4.859	123.42	277	11.484	291.69
222	1.484	37.69	250	4.984	126.59	278	11.984	304.39
223	1.609	40.87	251	5.109	129.77	279	12.984	329.79
224	1.734	44.04	252	5.234	132.94	280	13.984	355.19
225	1.859	47.22	253	5.359	136.12	281	14.984	380.59
226	1.984	50.39	254	5.484	139.29	282	15.955	405.26
227	2.109	53.57	255	5.609	142.47	283	16.955	430.66
228	2.234	56.74	256	5.734	145.64	284	17.955	456.06

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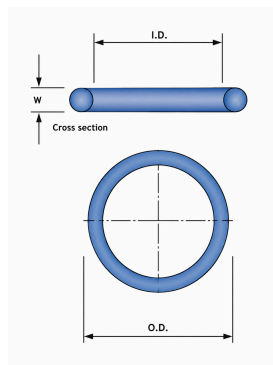
Series 4 Dash 309 – 395						CS 0.210" / 5.33 mm		
Dash	ID in	ID mm	Dash	ID in	ID mm	Dash	ID in	ID mm
309	0.412	10.46	338	3.100	78.74	367	7.475	189.86
310	0.475	12.06	339	3.225	81.91	368	7.725	196.21
311	0.537	13.64	340	3.350	85.09	369	7.975	202.56
312	0.600	15.24	341	3.475	88.27	370	8.225	208.91
313	0.662	16.81	342	3.600	91.44	371	8.475	215.26
314	0.725	18.41	343	3.725	94.61	372	8.725	221.61
315	0.787	19.99	344	3.850	97.79	373	8.975	227.96
316	0.850	21.59	345	3.975	100.97	374	9.225	234.31
317	0.912	23.16	346	4.100	104.14	375	9.475	240.66
318	0.975	24.76	347	4.225	107.31	376	9.725	247.01
319	1.037	26.34	348	4.350	110.49	377	9.975	253.36
320	1.100	27.94	349	4.475	113.66	378	10.475	266.06
321	1.162	29.51	350	4.600	116.84	379	10.975	278.76
322	1.225	31.12	351	4.725	120.01	380	11.475	291.46
323	1.287	32.69	352	4.850	123.19	381	11.975	304.16
324	1.350	34.29	353	4.975	126.36	382	12.975	329.56
325	1.475	37.47	354	5.100	129.54	383	13.975	354.96
326	1.600	40.64	355	5.225	132.71	384	14.975	380.36
327	1.725	43.81	356	5.350	135.89	385	15.955	405.26
328	1.850	46.99	357	5.475	139.06	386	16.955	430.66
329	1.975	50.16	358	5.600	142.24	387	17.955	456.06
330	2.100	53.34	359	5.725	145.41	388	18.955	481.46
331	2.225	56.52	360	5.850	148.59	389	19.955	506.86
332	2.350	59.69	361	5.975	151.76	390	20.955	532.26
333	2.475	62.87	362	6.225	158.11	391	21.955	557.66
334	2.600	66.04	363	6.475	164.46	392	22.940	582.68
335	2.725	69.22	364	6.725	170.81	393	23.940	608.08
336	2.850	72.39	365	6.975	177.16	394	24.940	633.48
337	2.975	75.56	366	7.225	183.51	395	25.940	658.88

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Series 5 Dash 425 – 475			CS 0.275" / 6.99 mm		
Dash	ID in	ID mm	Dash	ID in	ID mm
425	4.475	113.66	451	10.975	278.76
426	4.600	116.84	452	11.475	291.46
427	4.725	120.01	453	11.975	304.16
428	4.850	123.19	454	12.475	316.86
429	4.975	126.36	455	12.975	329.56
430	5.100	129.54	456	13.475	342.26
431	5.225	132.71	457	13.975	354.96
432	5.350	135.89	458	14.475	367.66
433	5.475	139.06	459	14.975	380.36
434	5.600	142.24	460	15.475	393.06
435	5.725	145.41	461	15.955	405.26
436	5.850	148.59	462	16.455	417.96
437	5.975	151.76	463	16.955	430.66
438	6.225	158.11	464	17.455	443.36
439	6.475	164.46	465	17.955	456.06
440	6.725	170.81	466	18.455	468.76
441	6.975	177.16	467	18.955	481.46
442	7.225	183.51	468	19.455	494.16
443	7.475	189.86	469	19.955	506.86
444	7.725	196.21	470	20.955	532.26
445	7.975	202.56	471	21.955	557.66
446	8.475	215.26	472	22.940	582.68
447	8.975	227.96	473	23.940	608.08
448	9.475	240.66	474	24.940	633.48
449	9.975	253.36	475	25.940	658.88
450	10.475	266.06			

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900 Series Dash 901 – 932				Boss gasket seals — CS varies by size			
Dash	CS in	ID in	ID mm	Dash	CS in	ID in	ID mm
901	0.056	0.185	4.70	911	0.116	0.863	21.92
902	0.064	0.239	6.07	912	0.116	0.924	23.47
903	0.064	0.301	7.65	913	0.116	0.986	25.04
904	0.072	0.351	8.92	914	0.116	1.047	26.59
905	0.072	0.414	10.52	916	0.116	1.171	29.74
906	0.078	0.468	11.89	918	0.116	1.355	34.42
907	0.082	0.530	13.46	920	0.118	1.475	37.47
908	0.087	0.644	16.36	924	0.118	1.720	43.69
909	0.097	0.706	17.93	928	0.118	2.090	53.09
910	0.097	0.755	19.18	932	0.118	2.337	59.36



900-series boss gaskets seal straight-thread tube fitting ports (SAE J1926 / MS16142 style bosses). Each size has its own cross section — shown per row.

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