

O-Ring Chart

Oring = 2-### Boss = 3-9### Quad Ring = 4-### Custom = 5-### Square = TS-### Backup = 8-### #-###/ Material

Cross Section:						Cross Section:						Cross Section:					
Fraction	1/16	3/32	1/8	3/16	1/4	1/16	3/32	1/8	3/16	1/4	3/32	1/8	3/16	1/4			
Actual	0.070	0.103	0.139	0.210	0.275	0.070	0.103	0.139	0.210	0.275	0.103	0.139	0.210	0.275			
Nominal	0.063	0.093	0.125	0.187	0.250	0.063	0.093	0.125	0.187	0.250	0.093	0.125	0.187	0.250			
mm	1.78	2.62	3.53	5.33	6.99	1.78	2.62	3.53	5.33	6.99	2.62	3.53	5.33	6.99			
Inside Diameter (ID):			Inside Diameter (ID):			Inside Diameter (ID):			Inside Diameter (ID):			Inside Diameter (ID):			Inside Diameter (ID):		
Fraction	Decimal	mm	Fraction	Decimal	mm	Fraction	Decimal	mm	Fraction	Decimal	mm	Fraction	Decimal	mm	Fraction	Decimal	mm
1/32	0.031	0.79	2 3/16	2.188	55.58	7	7.000	177.80	1/32	0.031	0.79	1/8	0.125	3.18	1/4	0.250	6.35
3/64	0.047	1.19	2 1/4	2.250	57.15	035	140	228	331	407	7 1/4	7.250	184.15	168	263	366	442
1/16	0.063	1.59	2 5/16	2.313	58.75			141			7 1/2	7.500	190.50	169	264	367	443
5/64	0.078	1.98	2 3/8	2.375	60.32	036	142	229	332	408	7 3/4	7.750	196.85	170	265	368	444
3/32	0.094	2.38	2 7/16	2.438	61.93			143			8	8.000	203.20	171	266	369	445
1/8	0.125	3.18	2 1/2	2.500	63.50	037	144	230	333	409	8 1/4	8.250	209.55	172	267	370	
5/32	0.156	3.97	2 9/16	2.563	65.10			145			8 1/2	8.500	215.90	173	268	371	446
3/16	0.188	4.76	2 5/8	2.625	66.68	038	146	231	334	410	8 3/4	8.750	222.25	174	269	372	
7/32	0.219	5.56	2 11/16	2.688	68.27			147			9	9.000	228.60	175	270	373	447
1/4	0.250	6.35	2 3/4	2.750	69.85	039	148	232	335	411	9 1/4	9.250	234.95	176	271	374	
5/16	0.313	7.94	2 13/16	2.813	71.45			149			9 1/2	9.500	241.30	177	272	375	448
3/8	0.375	9.53	2 7/8	2.875	73.02	040	150	233	336	412	9 3/4	9.750	247.65	178	273	376	
7/16	0.438	11.11	3	3.000	76.20	041	151	234	337	413	10	10.000	254.00		274	377	449
1/2	0.500	12.70	3 1/8	3.125	79.38			235	338	414	10 1/2	10.500	266.70		275	378	450
9/16	0.563	14.29	3 1/4	3.250	82.55	042	152	236	339	415	11	11.000	279.40		276	379	451
5/8	0.625	15.88	3 3/8	3.375	85.73			237	340	416	11 1/2	11.500	292.10		277	380	452
11/16	0.688	17.46	3 1/2	3.500	88.90	043	153	238	341	417	12	12.000	304.80		278	381	453
3/4	0.750	19.05	3 5/8	3.625	92.07			239	342	418	12 1/2	12.500	317.50				454
13/16	0.813	20.64	3 3/4	3.750	95.25	044	154	240	343	419	13	13.000	330.20		279	382	455
7/8	0.875	22.23	3 7/8	3.875	98.43			241	344	420	13 1/2	13.500	342.90				456
15/16	0.938	23.81	4	4.000	101.60	045	155	242	345	421	14	14.000	355.60		280	383	457
1	1.000	25.40	4 1/8	4.125	104.77			243	346	422	14 1/2	14.500	368.30				458
1 1/16	1.063	27.00	4 1/4	4.250	107.95	046	156	244	347	423	15	15.000	381.00		281	384	459
1 1/8	1.125	28.58	4 3/8	4.375	111.13			245	348	424	15 1/2	15.500	393.70				460
1 3/16	1.188	30.18	4 1/2	4.500	114.30	047	157	246	349	425	16	16.000	403.40		282	385	461
1 1/4	1.250	31.75	4 5/8	4.625	117.48			247	350	426	16 1/2	16.500	419.10				462
1 5/16	1.313	33.35	4 3/4	4.750	120.65	048	158	248	351	427	17	17.000	431.80		283	386	463
1 3/8	1.375	34.93	4 7/8	4.875	123.82			249	352	428	17 1/2	17.500	444.50				464
1 7/16	1.438	36.53	5	5.000	127.00	049	159	250	353	429	18	18.000	457.20		284	387	465
1 1/2	1.500	38.10	5 1/8	5.125	130.17			251	354	430	18 1/2	18.500	469.90				466
1 9/16	1.563	39.70	5 1/4	5.250	133.35	050	160	252	355	431	19	19.000	482.60			388	467
1 5/8	1.625	41.28	5 3/8	5.375	136.53			253	356	432	19 1/2	19.500	495.30				468
1 11/16	1.688	42.88	5 1/2	5.500	139.70		161	254	357	433	20	20.000	508.00			389	469
1 3/4	1.750	44.45	5 5/8	5.625	142.88			255	358	434	21	21.000	533.40			390	470
1 13/16	1.813	46.05	5 3/4	5.750	146.05		162	256	359	435	22	22.000	558.80			391	471
1 7/8	1.875	47.63	5 7/8	5.875	149.23			257	360	436	23	23.000	584.20			392	472
1 15/16	1.938	49.23	6	6.000	152.39		163	258	361	437	24	24.000	609.59			393	473
2	2.000	50.80	6 1/4	6.250	158.75		164	259	362	438	25	25.000	635.00			394	474
2 1/16	2.063	52.40	6 1/2	6.500	165.10		165	260	363	439	26	26.000	660.40			395	475
2 1/8	2.125	53.97	6 3/4	6.750	171.45		166	261	364	440							

N70 N90	BUNA (Nitrile) General Purpose -40°F to 250°F 70 - 90 Duro		NEOPRENE Refrigeration -45°F to 250°F		C70 C0944
V75BL V90	FLUOROCARBON (Viton) High Temperature -15°F to 400°F 75 - 90 Duro		ETHYLENE PROPYLENE (EPDM) Hot Water, Steam -75°F to 300°F		E70 E0540
S70	SILICONE High Temperature -65°F to 450°F 70 Duro		POLYURETHANE High Pressure -20°F to 250°F		U90
FF200 SZ495	PARAFLUOR®/KALREZ®/SIMREZ® Oilfield Chemical Resistance 5°F to 600°F		HSN (Highly Saturated Nitrile) Oilfield Chemical Resistance -25°F to 325°F		HSN80 HSN90
AFLAS80 AFLAS90	AFLAS H2S, Steam, Acids 25°F to 400°F		TEFLON Food Applications Chemical Resistance -250°F to 450°F		TF

Boss = 3-9### **O-RINGS FOR STRAIGHT THREAD TUBE FITTINGS**

AS 568A No.	Tube O.D. Ref.	I.D.	C/S	AS 568A No.	Tube O.D. Ref.	I.D.	C/S	AS 568A No.	Tube O.D. Ref.	I.D.	C/S	AS 568A No.	Tube O.D. Ref.	I.D.	C/S
-901	3/32	.185	.056	-906	3/8	.468	.078	-911	11/16	.863	.116	-918	1 1/8	1.355	.116
-902	1/8	.239	.064	-907	7/16	.530	.082	-912	3/4	.924	.116	-920	1 1/4	1.475	.118
-903	3/16	.301	.064	-908	1/2	.644	.087	-913	13/16	.986	.116	-924	1 1/2	1.720	.118
-904	1/4	.351	.072	-909	9/16	.706	.097	-914	7/8	1.047	.116	-928	1 3/4	2.090	.118
-905	5/16	.414	.072	-910	5/8	.755	.097	-916	1	1.171	.116	-932	2	2.337	.118