

## BFR BUFFER RING ASSEMBLY

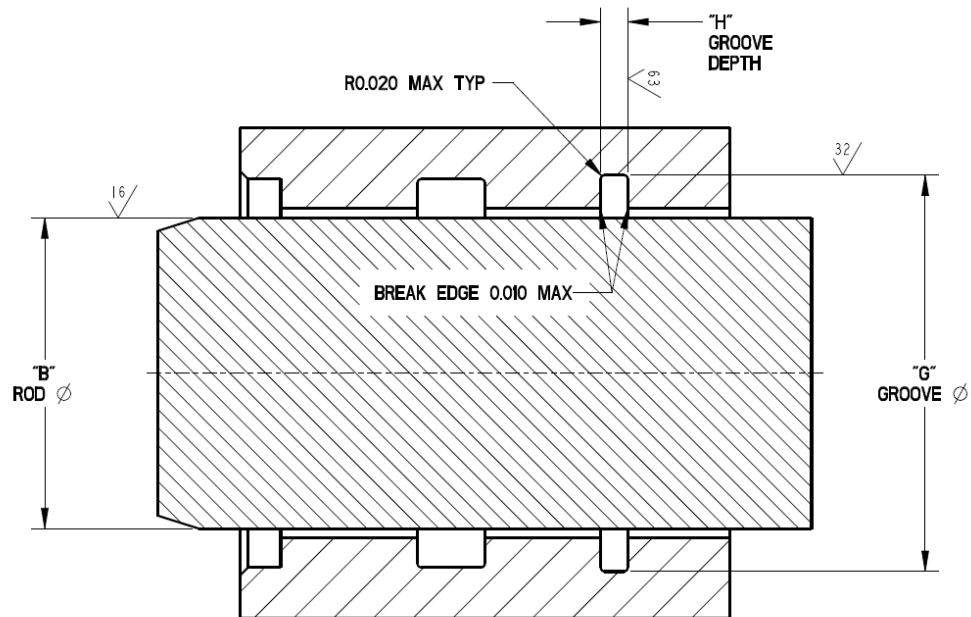
### PART NUMBERING SYSTEM

<b>BFR</b>	<b>-</b>	<b>02</b>	<b>500</b>	<b>-</b>	<b>C</b>	<b>335</b>	<b>AN</b>	<b>RB</b>
		Rod Size Whole Inches    Fraction of Inch			Standard C/S Series A = 0.149" Groove Depth B = 0.212" Groove Depth C = 0.308" Groove Depth D = 0.415" Groove Depth	*Expander AS-568 Dash No.	*Expander Material AN = Standard Service Nitrile BN = Low Temp Nitrile EP = EPR AV = Fluorocarbon	Cap Material CB = 15% Glass/5% Moly PTFE DB = 25% Carbon/Graphite PTFE RB = 40% Bronze PTFE TB = 55% Bronze/5% Moly PTFE



\*Omit if Only Ordering PTFE Ring

### GLAND DIMENSIONS



"B" Rod Ø	ØB Tolerance Range	"G" Groove Ø	ØG Tolerance Range	Buffer Ring C/S Series	"H" Groove Depth +0.010"/-0.000"
0.310-1.500	+0.000/-0.002	ØB MAX + 0.298	+0.003/-0.000	A	0.126
0.500-2.500	+0.000/-0.003	ØB MAX + 0.424	+0.004/-0.000	B	0.166
1.000-8.000	+0.000/-0.004	ØB MAX + 0.616	+0.005/-0.000	C	0.247
4.250-12.000	+0.000/-0.005	ØB MAX + 0.830	+0.006/-0.000	D	0.320

Note:  
Not all sizes listed are tooled.  
Please contact HPS for availability and custom sizes.



AS-568 EXPANDERS FOR BFR BUFFER SEALS					
BFR Size	O-Ring Dash No.	BFR Size	O-Ring Dash No.	BFR Size	O-Ring Dash No.
00313-A	-111	02000-C	-331	07000-C	-366
00375-A	-112	02250-B	-229	07000-D	-442
00438-A	-113	02250-C	-333	07250-C	-367
00500-A	-114	02500-B	-231	07250-D	-443
00500-B	-209	02500-C	-335	07500-C	-368
00563-A	-115	02750-C	-337	07500-D	-444
00563-B	-210	03000-C	-339	07750-C	-369
00625-A	-116	03250-C	-341	07750-D	-445
00625-B	-211	03500-C	-343	08000-C	-370
00688-A	-117	03750-C	-345	08000-D	-445
00688-B	-212	04000-C	-347	08250-D	-446
00750-A	-118	04250-C	-349	08500-D	-446
00750-B	-213	04250-D	-426	08750-D	-447
00875-A	-120	04500-C	-351	09000-D	-447
00875-B	-215	04500-D	-428	09250-D	-448
01000-A	-122	04750-C	-353	09500-D	-448
01000-B	-217	04750-D	-430	09750-D	-449
01000-C	-322	05000-C	-355	10000-D	-449
01125-A	-124	05000-D	-432	10250-D	-450
01125-B	-219	05250-C	-357	10500-D	-450
01125-C	-324	05250-D	-434	10750-D	-451
01250-A	-126	05500-C	-359	11000-D	-451
01250-B	-221	05500-D	-436	11250-D	-452
01250-C	-325	05750-C	-361	11500-D	-452
01375-A	-128	05750-D	-437	11750-D	-453
01375-B	-222	06000-C	-362	12000-D	-453
01375-C	-326	06000-D	-438		
01500-A	-130	06250-C	-363		
01500-B	-223	06250-D	-439		
01500-C	-327	06500-C	-364		
01750-B	-225	06500-D	-440		
01750-C	-329	06750-C	-365		
02000-B	-227	06750-D	-441		

Note:  
 Not all sizes listed are tooled.  
 Please contact HPS for availability and custom sizes.