

# **VGS**<sup>TM</sup> **VALUE GUARD SEAL**

**QUALITY SEALS...**

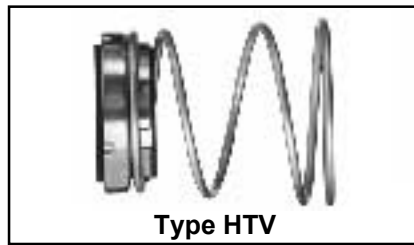
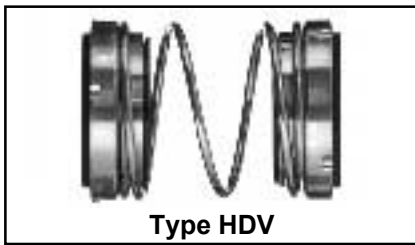
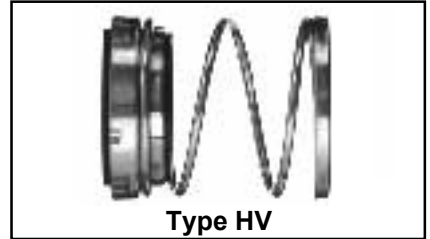
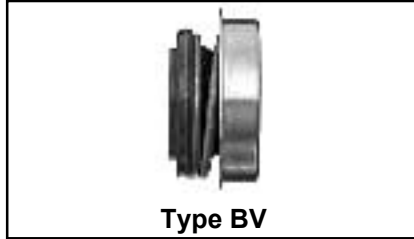
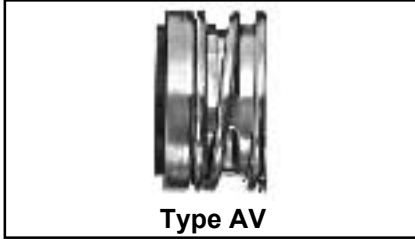


**COMPETITIVE PRICE**

# VGS™

## VALUE GUARD SEAL

### SEAL HEAD TYPES



### MATING RING DESIGNS



1. Cup Mounted

3. O-ring

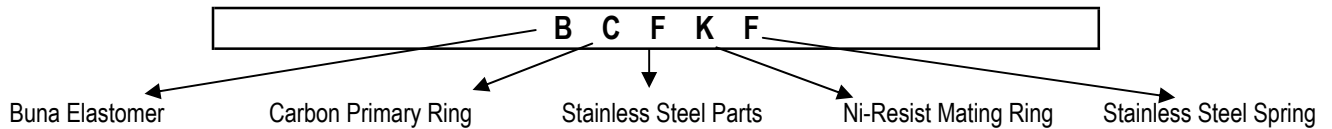
9. Mounts on Shaft

11. Special

25. Special

### VALUE GUARD MATERIAL CODE

ELASTOMER	PRIMARY RING	METAL PARTS	MATING RING	SPRING
B. Buna	C. Carbon	F. Stainless Steel	K. Ni-Resist	F. Stainless Steel
V. Viton	M. Molded Plastic		J. Ceramic	



Call for Pricing on our Silicon Carbide Seals. Ask about our **Metric** Value Guard Line.



155 Pierce St. Somerset, NJ 08873  
 Tel: 800-243-5489 Fax: 877-849-7325 www.ussealmfg.com



**DIMENSIONAL CROSS - REFERENCE BY SHAFT SIZE**

SEAL HEAD			SEAT			Material Code	NOTES	U.S. SEAL Part No.
Fig	O.D.	Oper.Ht.	Fig	O.D.	Thick.			
<b>.500 ( 1/2" ) SHAFT</b>								
AV	.928	.656	1	1.000	.312	BMFJF		VG-162
BV	1.125	.537	1	1.000	.218	BMFJF		VG-142
BV	1.125	.537	1	1.000	.312	BMFJF		VG-163
HV	.898	.718	1	.938	.225	BCFJF		VG-392
HV	.898	.812	1	1.000	.290	BCFKF		VG-106
HV	.898	.812	1	1.000	.312	BCFJF		VG-1002
<b>.625 ( 5/8" ) SHAFT</b>								
AV	1.200	.718	1	1.187	.343	BMFJF		VG-100
AV	1.200	.718	3	1.187	.343	VCFJF		VG-100V
AV	1.200	.718	1	1.187	.343	VCFJF		VG-100V-CMS
AV	1.200	.718	1	1.250	.406	BMFJF		VG-200
AV	1.200	.718	3	1.250	.406	VCFJF		VG-200V
AV	1.200	.718	1	1.250	.406	VCFJF		VG-200V-CMS
AV	1.200	.718	1	1.250	.406	BCFJF		VG-516
AV	1.200	.718	1	1.187	.288	BMFJF		VG-702
AV	1.200	.718	1	1.375	.562	BMFJF		VG-528
AV	1.200	.718	Special			BMFJ/MF	G	VG-2131
AV	1.200	.812	1	1.250	.406	BMFJF		VG-501
AV	1.200	.812	3	1.250	.406	VCFJF		VG-501V
BV	1.437	.615	1	1.187	.343	BMFJF		VG-600
BV	1.437	.615	1	1.250	.406	BMFJF		VG-1000
BV	1.437	.615	9		215	BCFJF	A	VG-447
BV	1.437	.615	11		487	BMFJF	A	VG-411
HV	1.055	.875	1	1.187	.406	BCFKF		VG-102
HV	1.055	.875	1	1.187	.343	BCFJF		VG-118

Notes: A.) Mounts on Shaft

B.) Tapered Spring

G.) Mounts in Plastic

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SEAL HEAD			SEAT			Material Code	NOTES	U.S. SEAL Part No.
Fig	O.D.	Oper.Ht.	Fig	O.D.	Thick.			
<b>.625 ( 5/8" ) SHAFT ( continued )</b>								
HV	1.055	.875	1	1.250	.406	BCFJF		VG-290
HV	1.055	.875	1	1.250	.406	VCFJF		VG-290V
HV	1.055	.875	1	1.250	.406	BCFJF		VG-359
HV	1.055	.875	3	1.250	.406	VCFJF		VG-359V
HV	1.055	.875	1	1.250	.406	VCFJF		VG-359V-CMS
HV	1.055	.875	1	1.250	.406	BCFJF		VG-508
HV	1.055	.875	3	1.250	.406	BCFJF		VG-552
HV	1.055	.875	1	1.250	.406	BCFKF		VG-633
HV	1.055	1.187	1	1.156	.312	BCFJF		VG-800
<b>.750 ( 3/4" ) SHAFT</b>								
AV	1.295	.718	1	1.437	.406	BMFJF		VG-101
AV	1.295	.718	1	1.375	.406	BMFJF		VG-201
AV	1.295	.718	1	1.375	.406	VCFJF		VG-201V-CMS
BV	1.575	.615	1	1.375	.406	BMFJF		VG-601
BV	1.575	.615	3	1.375	.406	VCFJF		VG-601V
BV	1.575	.615	9		.281	BMFKF	A	VG-902
HTV	1.161	.843	1	1.375	.406	BCFJF	B	VG-128
HV	1.161	.812	1	1.375	.406	BCFJF		VG-877
HV	1.161	.875	1	1.375	.406	BCFKF		VG-112
HV	1.161	.875	1	1.375	.406	BCFJF		VG-358
HV	1.161	.875	1	1.375	.406	VCFJF		VG-358V-CMS
HV	1.161	.875	1	1.275	.281	BCFJF		VG-437
<b>.875 ( 7/8" ) SHAFT</b>								
HV	1.323	.812	1	1.437	.265	BCFJF		VG-790
HV	1.323	.937	1	1.500	.406	BCFJF		VG-309

Notes: A.) Mounts on Shaft

B.) Tapered Spring

G.) Mounts in Plastic

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SEAL HEAD			SEAT			Material Code	NOTES	U.S. SEAL Part No.
Fig	O.D.	Oper.Ht.	Fig	O.D.	Thick.			
<b>1.000 ( 1" ) SHAFT</b>								
AV	1.552	.812	1	1.625	.437	BCFJF		VG-360
HTV	1.539	1.000	1	1.625	.437	BCFJF	B	VG-245
HV	1.539	1.000	1	1.625	.437	BCFJF		VG-235
HV	1.539	1.000	1	1.625	.437	BCFKF		VG-357
HV	1.539	1.000	3	1.625	.437	BCFJF		VG-548
<b>1.125 ( 1-1/8" ) SHAFT</b>								
HV	1.673	1.062	1	1.750	.437	BCFKF		VG-355
HV	1.673	1.062	1	1.750	.437	BCFJF		VG-356
HV	1.673	1.062	3	1.750	.437	VCFJF		VG-356V
HV	1.673	1.062	1	1.750	.437	VCFJF		VG-356V-CMS
HV	1.673	1.625	1	1.750	.437	BCFJF		VG-204
<b>1.250 ( 1-1/4" ) SHAFT</b>								
HTV	1.795	1.062	1	1.765	.365	BCFJF	B	VG-978
HTV	1.795	1.062	1	1.765	.365	VCFJF	B	VG-978V
HTV	1.795	1.062	1	1.765	.365	BCFKF	B	VG-979
HTV	1.795	1.062	1	1.875	.437	BCFJF	B	VG-246
HTV	1.795	1.062	1	1.875	.437	BCFKF	B	VG-249
HTV	1.795	1.062	25	2.250	.625	BCFJF	B	VG-416A
HV	1.795	1.062	1	1.875	.437	BCFJF		VG-185
HV	1.795	1.062	3	1.875	.437	VCFJF		VG-185V
HV	1.795	1.062	1	1.875	.437	VCFJF		VG-185V-CMS
HV	1.795	1.062	1	1.875	.437	BCFKF		VG-756
HV	1.795	1.062	3	1.875	.437	VCFKF		VG-756V
HV	1.795	1.062	1	2.000	.437	BCFJF		VG-466
HV	1.795	1.062	3	2.000	.437	BCFKF		VG-1018

Notes: A.) Mounts on Shaft

B.) Tapered Spring

C.) Mounts in Plastic

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