

Select the larger V-Seal when the dimension d_1 is on the boundary between two sizes of V-Seal. All dimensions in inches.

V-Seal Designation	For Shaft Diameter d_1	Inside Diameter d	Height of Cross-Section c	Dimension A	Free Width B	Maximum d_2	Minimum d_3	Fitted Width B_1
V-3A	0.11-0.14	0.10	0.06	0.08	0.12	$d_1 + 0.04$	$d_1 + 0.16$	0.10 ± 0.012
V-4A	0.14-0.18	0.13	0.08	0.09	0.15		$d_1 + 0.25$	0.12 ± 0.016
V-5A	0.18-0.21	0.16						
V-6A	0.21-0.26	0.20						
V-7A	0.26-0.31	0.24						
V-8A	0.31-0.37	0.28	0.08	0.09	0.15	$d_1 + 0.04$	$d_1 + 0.25$	0.12 ± 0.016
V-10A	0.37-0.45	0.35	0.12	0.13	0.22	$d_1 + 0.08$	$d_1 + 0.35$	0.18 ± 0.02
V-12A	0.45-0.49	0.41						
V-13A	0.49-0.53	0.46						
V-14A	0.53-0.61	0.49						
V-16A	0.61-0.69	0.55						
V-18A	0.69-0.75	0.63	0.12	0.13	0.22		$d_1 + 0.35$	0.18 ± 0.02
V-20A	0.75-0.83	0.71	0.16	0.18	0.30		$d_1 + 0.45$	0.24 ± 0.03
V-22A	0.83-0.95	0.79						
V-25A	0.95-1.07	0.87						
V-28A	1.07-1.14	0.98				$d_1 + 0.08$		
V-30A	1.14-1.22	1.06				$d_1 + 0.12$		
V-32A	1.22-1.30	1.14						
V-35A	1.30-1.42	1.22						
V-38A	1.42-1.50	1.34	0.16	0.18	0.30		$d_1 + 0.45$	0.24 ± 0.03
V-40A	1.50-1.70	1.42	0.20	0.21	0.35		$d_1 + 0.60$	0.28 ± 0.04
V-45A	1.70-1.89	1.57						
V-50A	1.89-2.09	1.77						
V-55A	2.09-2.29	1.93						
V-60A	2.29-2.48	2.13						
V-65A	2.48-2.68	2.28	0.20	0.21	0.35	$d_1 + 0.12$	$d_1 + 0.60$	0.28 ± 0.04
V-70A	2.68-2.88	2.48	0.24	0.26	0.43	$d_1 + 0.16$	$d_1 + 0.70$	0.35 ± 0.05
V-75A	2.88-3.07	2.64						
V-80A	3.07-3.27	2.83						
V-85A	3.27-3.47	2.99						
V-90A	3.47-3.66	3.19						
V-95A	3.66-3.86	3.35						
V-100A	3.86-4.14	3.54	0.24	0.26	0.43		$d_1 + 0.70$	0.35 ± 0.05
V-110A	4.14-4.53	3.90	0.28	0.31	0.50		$d_1 + 0.80$	0.41 ± 0.06
V-120A	4.53-4.92	4.25						
V-130A	4.92-5.32	4.61						
V-140A	5.32-5.71	4.96						
V-150A	5.71-6.10	5.31	0.28	0.31	0.50	$d_1 + 0.16$	$d_1 + 0.80$	0.41 ± 0.06
V-160A	6.10-6.50	5.67	0.32	0.35	0.57	$d_1 + 0.20$	$d_1 + 0.95$	0.47 ± 0.07
V-170A	6.50-6.89	6.02						
V-180A	6.89-7.29	6.38						
V-190A	7.29-7.68	6.73						
V-199A	7.68-8.27	7.09	0.32	0.35	0.57	$d_1 + 0.20$	$d_1 + 0.95$	0.47 ± 0.07
V-200A	7.48-8.27	7.09	0.59	0.56	0.98	$d_1 + 0.39$	$d_1 + 1.75$	0.79 ± 0.16
V-220A	8.27-9.25	7.80						
V-250A	9.25-10.43	8.86						
V-275A	10.43-11.42	9.72						
V-300A	11.42-12.20	10.63						
V-325A	12.20-13.19	11.50						
V-350A	13.19-14.37	12.40						
V-375A	14.37-15.35	13.27						
V-400A	15.35-16.93	14.17						
V-450A	16.93-18.90	15.94						
V-500A	18.90-20.87	17.72						
V-550A	20.87-22.83	19.349						
V-600A	22.83-24.80	21.26						
V-650A	24.80-26.18	23.62						
V-700A	26.18-27.76	24.80						
V-725A	27.76-29.33	26.38						
V-750A	29.33-30.91	27.76						
V-800A	30.91-32.68	29.33						
V-850A	32.68-34.45	30.91						
V-900A	34.45-36.22	32.48						
V-950A	36.22-37.99	34.06						
V-1000A	37.99-39.96	35.83						
V-1050A	39.96-41.93	37.60						
V-1100A	41.93-43.90	39.37						
V-1150A	43.90-45.87	41.14						
V-1200A	45.87-47.84	42.91						
V-1250A	47.84-50.00	44.69						
V-1300A	50.00-51.97	46.46						
V-1350A	51.97-53.94	48.23						
V-1400A	53.94-55.91	50.00						
V-1450A	55.91-57.87	51.77						
V-1500A	57.87-59.84	53.54						
V-1550A	59.84-61.81	55.32						
V-1600A	61.81-63.78	57.09						
V-1650A	63.78-65.75	58.86						
V-1700A	65.75-67.72	60.63						
V-1750A	67.72-69.69	62.40						
V-1800A	69.69-71.65	64.17						
V-1850A	71.65-73.62	65.95						
V-1900A	73.62-75.59	67.72						
V-1950A	75.59-77.56	69.49						
V-2000A	77.56-79.53	71.26	0.59	0.56	0.98	$d_1 + 0.39$	$d_1 + 1.75$	0.79 ± 0.16

V-Seal A larger than V-2000A are made to special order. Profile and axial fitted width are the same for V-200A –V2000A.