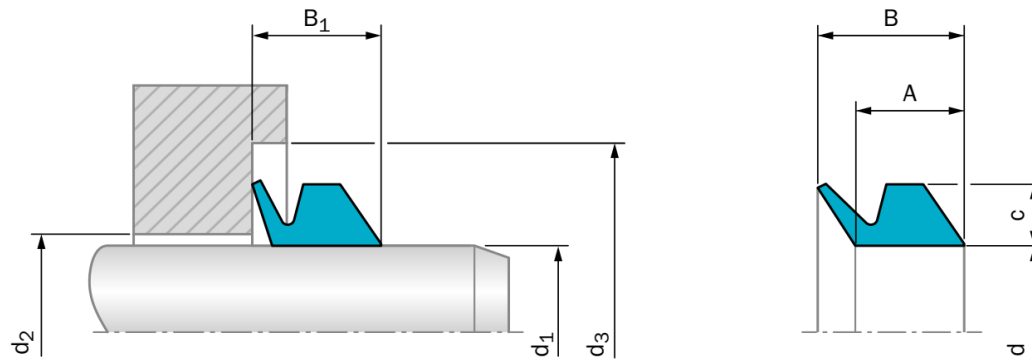
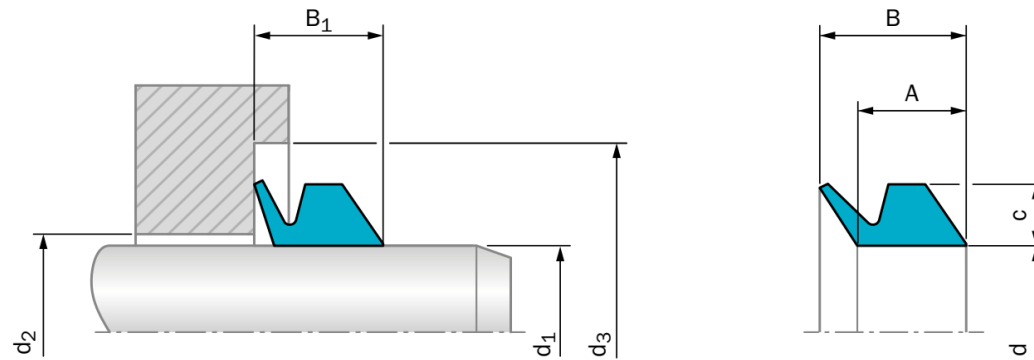




VS Type	ID	OD	Height	Shaft Diameter	Size	Wall	Maximum	Minimum	Fitted Width
Ref.	d	d + 2c	H (B)	d ₁	A	W (c)	d ₂	d ₃	B ₁
VS-5	4	8	5.2	4.5-5.5	3.9	2	d ₁ +1	d ₁ +6	4.5±0.4
VS-6	5	9	5.2	5.5-6.5	3.9	2	d ₁ +1	d ₁ +6	4.5±0.4
VS-7	6	10	5.2	6.5-8.0	3.9	2	d ₁ +1	d ₁ +6	4.5±0.4
VS-8	7	11	5.2	8.0-9.5	3.9	2	d ₁ +1	d ₁ +6	4.5±0.4
VS-10	9	15	7.7	9.5-11.5	5.6	3	d ₁ +1	d ₁ +9	6.7±0.6
VS-12	10.5	16.5	7.7	11.5-13.5	5.6	3	d ₁ +1	d ₁ +9	6.7±0.6
VS-14	12.5	18.5	7.7	13.5-15.5	5.6	3	d ₁ +1	d ₁ +9	6.7±0.6
VS-16	14	20	7.7	15.5-17.5	5.6	3	d ₁ +1	d ₁ +9	6.7±0.6
VS-18	16	22	7.7	17.5-19	5.6	3	d ₁ +1	d ₁ +9	6.7±0.6
VS-20	18	26	10.5	19-21	7.9	4	d ₁ +2	d ₁ +12	9±0.8
VS-22	20	28	10.5	21-24	7.9	4	d ₁ +2	d ₁ +12	9±0.8
VS-25	22	30	10.5	24-27	7.9	4	d ₁ +2	d ₁ +12	9±0.8
VS-28	25	33	10.5	27-29	7.9	4	d ₁ +2	d ₁ +12	9±0.8
VS-30	27	35	10.5	29-31	7.9	4	d ₁ +2	d ₁ +12	9±0.8
VS-32	29	37	10.5	31-33	7.9	4	d ₁ +2	d ₁ +12	9±0.8
VS-35	31	39	10.5	33-36	7.9	4	d ₁ +2	d ₁ +12	9±0.8
VS-38	34	42	10.5	36-38	7.9	4	d ₁ +2	d ₁ +12	9±0.8
VS-40	36	46	13	38-43	9.5	5	d ₁ +2	d ₁ +15	11±1.0
VS-45	40	50	13	43-48	9.5	5	d ₁ +2	d ₁ +15	11±1.0
VS-50	45	55	13	48-53	9.5	5	d ₁ +2	d ₁ +15	11±1.0
VS-55	49	59	13	53-58	9.5	5	d ₁ +2	d ₁ +15	11±1.0
VS-60	54	64	13	58-63	9.5	5	d ₁ +2	d ₁ +15	11±1.0
VS-65	58	68	13	63-68	9.5	5	d ₁ +2	d ₁ +15	11±1.0
VS-70	63	75	15.5	68-73	11.3	6	d ₁ +3	d ₁ +18	13.5±1.2
VS-75	67	79	15.5	73-78	11.3	6	d ₁ +3	d ₁ +18	13.5±1.2
VS-80	72	84	15.5	78-83	11.3	6	d ₁ +3	d ₁ +18	13.5±1.2
VS-85	76	88	15.5	83-88	11.3	6	d ₁ +3	d ₁ +18	13.5±1.2
VS-90	81	93	15.5	88-93	11.3	6	d ₁ +3	d ₁ +18	13.5±1.2
VS-95	85	97	15.5	93-98	11.3	6	d ₁ +3	d ₁ +18	13.5±1.2
VS-100	90	102	15.5	98-105	11.3	6	d ₁ +3	d ₁ +18	13.5±1.2



VS Type	ID	OD	Height	Shaft Diameter	Size	Wall	Maximum	Minimum	Fitted Width
Ref.	d	d + 2c	H (B)	d ₁	A	W (c)	d ₂	d ₃	B ₁
VS-110	99	113	18	105-115	13.1	7	d ₁ +4	d ₁ +21	15.5±1.5
VS-120	108	122	18	115-125	13.1	7	d ₁ +4	d ₁ +21	15.5±1.5
VS-130	117	131	18	125-135	13.1	7	d ₁ +4	d ₁ +21	15.5±1.5
VS-140	126	140	18	135-145	13.1	7	d ₁ +4	d ₁ +21	15.5±1.5
VS-150	135	149	18	145-155	13.1	7	d ₁ +4	d ₁ +21	15.5±1.5
VS-160	144	160	20.5	155-165	15	8	d ₁ +4	d ₁ +24	18±1.8
VS-170	153	169	20.5	165-175	15	8	d ₁ +4	d ₁ +24	18±1.8
VS-180	162	178	20.5	175-185	15	8	d ₁ +4	d ₁ +24	18±1.8
VS-190	171	187	20.5	185-195	15	8	d ₁ +4	d ₁ +24	18±1.8
VS-199	180	196	20.5	195-210	15	8	d ₁ +4	d ₁ +24	18±1.8