

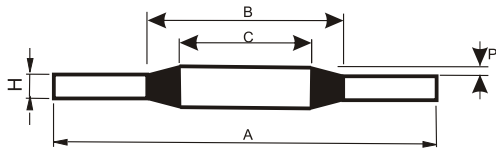
Bonded Seal



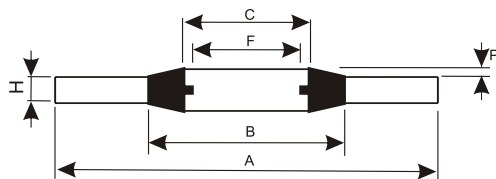
The Bonded Seal comprises a metal washer and an elastomer ring. It provides reliable low and high pressure sealing and wide range of temperature range usage, reducing the possibility of screw bolt loosening. The materials are mainly NBR 70 Shore A of oil-resistance and FKM75 Shore A of Brown color. We can also offer the seals according to customer's requirement.



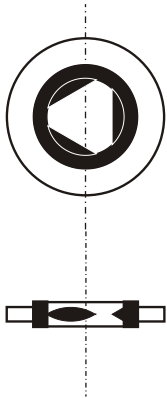
Normal Bonded Seal



Self centering Bonded Seal



Thred Seal



JB 982-77

規格	A [OD]		B		C [ID]		H		P	F
	Size	Tol±	Size	Tol±	Size	Tol±	Size	Tol±	+0.25	±0.20
M08	14.00	-0.24	10.00	+0.24	8.4	±0.12	2	-0.1	0.35	-
M10	16.00	-0.24	12.00	+0.24	10.4	±0.12	2	-0.1	0.35	-
M12	18.00	-0.24	14.00	+0.24	12.4	±0.12	2	-0.1	0.35	-
M14	20.00	-0.28	16.00	+0.24	14.4	±0.12	2	-0.1	0.35	-
M16	22.00	-0.28	18.00	+0.24	16.4	±0.12	2	-0.1	0.35	-
M18	25.00	-0.28	20.00	+0.28	18.4	±0.12	2	-0.1	0.35	-
M20	28.00	-0.28	23.00	+0.28	20.5	±0.14	2	-0.1	0.35	-
M22	30.00	-0.28	25.00	+0.28	22.5	±0.14	2	-0.1	0.35	-
M24	32.00	-0.34	27.00	+0.28	24.5	±0.14	2	-0.1	0.35	-
M27	35.00	-0.34	30.00	+0.28	27.5	±0.14	2	-0.1	0.35	-
M30	38.00	-0.34	33.00	+0.34	30.5	±0.14	2	-0.1	0.35	-
M33	42.00	-0.34	36.00	+0.34	33.5	±0.17	2	-0.1	0.35	-
M36	46.00	-0.34	40.00	+0.34	36.6	±0.17	2	-0.1	0.45	-
M39	50.00	-0.34	43.00	+0.34	39.6	±0.17	2	-0.1	0.45	-
M42	53.00	-0.40	46.00	+0.34	42.6	±0.17	2	-0.1	0.45	-
M45	56.00	-0.40	49.00	+0.34	45.6	±0.17	2	-0.1	0.45	-
M48	60.00	-0.40	52.00	+0.40	48.7	±0.17	2	-0.1	0.45	-
M52	66.00	-0.40	56.00	+0.40	52.7	±0.20	2	-0.1	0.45	-
M60	75.00	-0.40	64.00	+0.40	60.7	±0.20	2	-0.1	0.45	-

Bonded Seal



SIZE	A	B	C	H	H	P	F
	+ 0.13	± 0.10	± 0.10		Tol		± 0.20
-001	6.35	4.09	3.05	1.22	+0.15	0.2/0.38	—
-002	7.62	5.26	4.12	1.22	+0.15	0.2/0.39	—
-003	8.38	6.35	5.21	1.22	+0.15	0.2/0.40	—
-004	13.21	8.00	6.86	1.22	+0.15	0.2/0.41	4.70
-005	13.34	9.53	6.99	1.22	+0.15	0.2/0.42	4.70
-006	13.34	9.53	8.31	1.22	+0.15	0.2/0.43	6.10
-007	14.22	10.04	8.64	1.22	+0.15	0.2/0.44	6.10
-008	18.36	12.45	11.26	2.03	+0.15	0.2/0.45	8.56
-009	19.05	13.08	11.69	2.03	+0.15	0.25/0.51	8.80
-010	22.23	16.39	14.86	2.03	+0.15	0.25/0.52	11.58
-011	25.40	18.75	16.51	2.03	+0.15	0.25/0.53	12.90
-012	25.40	19.69	18.16	2.34	+0.26	0.25/0.54	14.50
-013	33.27	26.06	24.26	2.34	+0.26	0.25/0.55	20.20
-014	36.58	30.86	29.33	2.34	+0.26	0.25/0.56	23.90
-015	41.40	35.69	32.64	3.25	+0.26	0.25/0.57	27.10
-016	44.45	38.99	35.94	3.25	+0.26	0.25/0.58	29.50
-017	47.75	42.04	38.96	3.25	+0.26	0.25/0.59	32.70
-018	57.15	48.39	45.34	3.25	+0.26	0.25/0.60	37.90
-019	63.50	54.74	51.69	3.25	+0.26	0.25/0.61	43.60
-020	15.88	11.84	10.37	2.03	+0.15	0.25/0.62	8.56
-021	20.57	15.21	13.74	2.03	+0.15	0.25/0.63	11.45
-022	22.23	17.30	15.83	2.03	+0.15	0.25/0.64	12.10
-023	23.80	18.75	17.28	2.03	+0.15	0.25/0.65	14.96
-024	26.92	21.21	19.69	2.34	+0.26	0.25/0.66	15.80
-025	28.58	23.01	21.54	2.34	+0.26	0.25/0.67	18.64
-026	31.75	24.97	23.49	2.34	+0.26	0.25/0.68	20.60
-027	34.93	28.53	27.05	2.34	+0.26	0.25/0.69	24.13
-028	38.61	30.61	27.82	2.34	+0.26	0.25/0.70	22.90
-029	38.10	32.29	30.81	2.34	+0.26	0.25/0.71	27.89
-030	42.80	36.88	33.89	3.25	+0.26	0.25/0.72	30.30
-031	42.80	36.88	33.89	2.34	+0.26	0.25/0.73	38.96
-032	52.38	45.93	42.93	3.25	+0.26	0.25/0.74	38.96
-033	58.60	51.39	48.44	3.25	+0.26	0.25/0.75	44.86
-034	69.85	58.30	54.89	3.25	+0.26	0.25/0.76	50.80

SIZE	A	B	C	H	H	P	F
	+ 0.13	± 0.10	± 0.10		Tol		± 0.20
-035	70.36	61.09	58.04	3.25	+0.26	0.25/0.51	—
-036	73.03	63.63	60.58	3.25	+0.26	0.25/0.52	56.67
-037	77.72	67.44	64.39	3.25	+0.26	0.25/0.53	55.40
-038	79.50	69.98	66.68	3.25	+0.26	0.25/0.54	65.80
-039	90.17	79.38	76.08	3.25	+0.26	0.25/0.55	72.20
-201	7.20	5.20	4.10	1.00	±0.10	0.30	—
-202	7.00	5.40	4.50	1.00	±0.10	0.30	3.40
-203	9.00	6.80	5.70	1.00	±0.10	0.30	4.50
-204	10.00	7.40	5.70	1.00	±0.10	0.30	4.50
-205	9.20	7.20	6.20	1.00	±0.10	0.30	4.70
-206	10.00	8.00	6.70	1.00	±0.10	0.30	4.70
-207	11.00	8.20	6.70	1.00	±0.10	0.30	4.70
-208	11.00	8.20	6.70	2.50	±0.10	0.30	—
-209	12.00	8.80	7.10	1.00	±0.10	0.30	—
-210	10.20	8.60	7.30	1.00	±0.10	0.30	—
-211	13.40	9.40	8.50	1.00	±0.10	0.30	—
-212	13.00	10.00	8.70	1.00	±0.10	0.30	6.40
-213	14.00	10.40	8.70	1.00	±0.10	0.30	6.40
-214	16.00	10.40	8.70	1.00	±0.10	0.30	—
-215	13.30	10.50	9.30	1.00	±0.10	0.30	6.90
-216	16.00	12.00	10.35	2.00	±0.10	0.40	8.56
-217	16.00	12.40	10.70	1.50	±0.10	0.40	8.05
-218	18.00	12.40	10.70	1.50	±0.10	0.40	8.05
-219	16.30	12.70	11.40	1.50	±0.10	0.40	9.80
-220	18.50	13.70	11.80	1.50	±0.10	0.40	—
-221	19.10	13.50	11.80	1.50	±0.10	0.40	9.80
-222	18.00	14.40	12.70	1.50	±0.10	0.40	9.73
-223	20.00	14.40	12.70	1.50	±0.10	0.40	9.73
-224	20.00	15.40	13.70	1.50	±0.10	0.40	—
-225	22.00	15.40	13.70	1.50	±0.10	0.40	10.80
-226	18.70	15.70	14.00	1.50	±0.10	0.40	11.30
-227	22.00	16.40	14.70	1.50	±0.10	0.40	11.38
-228	22.70	17.78	16.00	1.50	±0.10	0.40	—
-229	24.00	18.40	16.70	1.50	±0.10	0.40	13.41



SIZE	A	B	C	H	H	P	F
	+ 0.13	± 0.10	± 0.10		Tol		± 0.20
-230	24.00	19.20	17.40	1.50	±0.10	0.40	13.08
-231	24.70	20.10	18.00	1.50	±0.10	0.40	13.60
-232	26.00	20.40	18.70	1.50	±0.10	0.40	14.76
-233	28.00	22.50	20.70	1.50	±0.10	0.40	16.76
-234	28.70	23.30	21.50	2.50	±0.15	0.40	17.80
-235	28.00	24.20	22.50	1.50	±0.10	0.40	—
-236	30.00	24.40	22.70	2.00	±0.10	0.40	18.74
-237	30.00	24.40	22.70	3.00	±0.15	0.40	—
-238	32.00	26.40	24.70	2.00	±0.10	0.40	20.11
-239	35.00	28.40	26.70	2.00	±0.10	0.40	22.30
-240	36.00	29.00	27.20	2.00	±0.10	0.40	23.30
-241	37.00	30.40	28.70	2.00	±0.10	0.40	—
-242	39.00	33.00	31.00	2.00	±0.10	0.40	25.70
-243	42.00	35.80	33.70	2.00	±0.10	0.40	28.70
-244	43.00	36.40	34.30	2.00	±0.10	0.40	28.70
-245	46.00	38.80	36.70	2.00	±0.10	0.40	31.10
-246	51.00	41.90	40.00	2.50	±0.10	0.40	34.10
-247	53.00	44.40	42.70	3.00	±0.15	0.40	36.50
-248	59.00	50.80	48.70	3.00	±0.15	0.40	41.90
-249	60.00	54.10	52.00	3.00	±0.15	0.40	—
-250	64.50	56.40	53.30	3.00	±0.15	0.40	—
-251	73.00	63.00	60.70	3.00	±0.15	0.40	—
-252	79.50	72.10	68.60	3.50	±0.15	0.40	—
-253	90.30	79.10	76.08	3.38	±0.15	0.40	—
-254	101.50	92.10	89.09	3.25	±0.15	0.40	—
-255	143.70	132.70	127.00	5.00	±0.15	0.40	—
-301	7.50	5.00	3.60	1.00	±0.10	0.30	—
-302	9.00	6.00	4.60	1.00	±0.10	0.30	3.40
-303	10.00	7.00	5.60	1.00	±0.10	0.30	4.50
-304	11.00	8.00	6.60	1.00	±0.10	0.30	4.70
-305	13.27	8.00	6.85	1.30	±0.10	0.30	—
-306	11.40	8.40	7.00	1.00	±0.10	0.30	4.70
-307	13.00	10.00	8.60	1.00	±0.10	0.30	6.40
-310	17.00	12.10	10.70	1.50	±0.10	0.30	8.56

SIZE	A	B	C	H	H	P	F
	+ 0.13	± 0.10	± 0.10		Tol		± 0.20
-312	18.10	13.20	11.80	1.50	±0.10	0.30	9.80
-313	19.00	14.10	12.70	1.50	±0.10	0.30	9.73
-315	20.10	15.20	13.80	1.50	±0.10	0.40	10.80
-316	21.00	16.10	14.70	1.50	±0.10	0.30	11.38
-317	23.00	18.10	16.70	1.50	±0.10	0.30	11.41
-318	23.70	18.80	17.40	1.50	±0.10	0.40	13.08
-319	23.90	18.70	17.20	2.10	±0.10	0.40	—
-320	27.00	20.40	18.70	2.00	±0.10	0.30	14.76
-321	29.00	22.40	20.70	2.00	±0.10	0.30	16.76
-323	30.00	23.40	21.70	2.00	±0.10	0.40	17.80
-324	31.00	24.40	22.70	2.00	±0.10	0.40	18.74
-325	32.00	25.40	23.70	2.00	±0.10	0.40	19.30
-326	33.00	26.40	24.70	2.00	±0.10	0.40	20.11
-327	35.30	28.70	27.00	2.00	±0.10	0.40	22.30
-328	36.00	29.40	27.70	2.00	±0.10	0.40	23.30
-329	36.00	30.30	28.60	2.00	±0.10	0.40	24.80
-330	37.50	30.90	29.20	2.00	±0.10	0.40	—
-331	39.00	32.40	30.70	2.00	±0.10	0.40	25.70
-332	42.00	35.40	33.70	2.00	±0.10	0.40	28.70
-333	48.00	39.60	37.00	2.50	±0.15	0.40	31.10
-334	51.00	42.60	40.00	2.50	±0.15	0.40	34.10
-335	54.00	45.60	43.00	2.50	±0.15	0.40	36.50
-336	57.00	48.60	46.00	2.50	±0.15	0.40	39.50
-337	60.00	51.60	49.00	2.50	±0.15	0.40	41.90
-510	14.70	12.00	10.40	1.25	±0.10	0.25	—
-511	18.70	15.75	13.85	1.25	±0.10	0.25	—
-512	22.70	19.25	17.35	1.25	±0.10	0.25	—
-513	26.70	23.55	21.65	1.25	±0.10	0.25	—
-514	32.50	29.20	27.30	1.25	±0.10	0.25	—
-515	39.50	36.10	34.20	2.00	±0.10	0.25	—
-516	49.50	44.70	42.80	2.00	±0.10	0.25	—
-517	55.50	50.60	48.70	2.00	±0.10	0.25	—
-518	68.50	62.40	60.50	2.00	±0.10	0.25	—
-519	12.70	9.90	8.30	1.25	±0.10	0.25	—