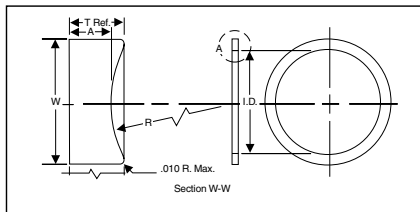


## Parker Series 8-XXX Compounds Sizes

Developed primarily for service in petroleum based hydraulic fluids at  $-40^{\circ}\text{C}$  to  $121^{\circ}\text{C}$  ( $-40^{\circ}\text{F}$  to  $250^{\circ}\text{F}$ ), Parker's standard Parbak N0300-90 and N1444-90 compounds provide the maximum benefits in back-up ring service. Compounds for use in other fluids and for temperatures up to  $204^{\circ}\text{C}$  ( $400^{\circ}\text{F}$ ) are available on request. Parbaks will stretch up to 50%, and are quickly and easily installed. Advantages of the contour design are obtained regardless of how Parbaks are installed — they may be installed with the concave face in either direction, toward or away from the O-ring.



Parbak sizes are designed to correspond with the Parker 2-xxx, 3-xxx and AS568B series O-ring with which they are used.

Complete call-out consists of the digit 8, the dash number for the size wanted and the rubber material.

Example: N0300 8-009

8-XXX Sizes

R ± .010	Tol. Ref.	A in.	Tol. ±	Width in.	Tol. ±
.087	.049	.045	.003	.053	.003

Parker No.	ID in.	Tol. ±
8-004	.096	.005
8-005	.127	
8-006	.140	
8-007	.171	
8-008	.202	
8-009	.234	
8-010	.265	
8-011	.327	
8-012	.390	
8-013	.455	
8-014	.518	
8-015	.580	.009
8-016	.643	
8-017	.705	
8-018	.768	
8-019	.830	
8-020	.893	
8-021	.955	.010
8-022	1.018	
8-023	1.080	
8-024	1.143	.011
8-025	1.205	
8-026	1.268	
8-027	1.330	
8-028	1.393	.013
8-029	1.518	
8-030	1.643	.015
8-031	1.768	
8-032	1.893	
8-033	2.018	.018
8-034	2.143	
8-035	2.268	
8-036	2.393	
8-037	2.518	

8-XXX Sizes

R ± .010	Tol. Ref.	A in.	Tol. ±	Width in.	Tol. ±
.087	.049	.045	.003	.053	.003

Parker No.	ID in.	Tol. ±
8-038	2.643	.020
8-039	2.768	
8-040	2.893	
8-041	3.018	.024
8-042	3.268	
8-043	3.518	
8-044	3.768	.027
8-045	4.018	
8-046	4.268	.030
8-047	4.518	
8-048	4.768	.037
8-049	5.018	
8-050	5.268	

**8-XXX Sizes**

R ± .010	Tol. Ref.	A in.	Tol. ±	Width in.	Tol. ±
.129	.053	.045	.003	.086	.003

Parker No.	ID in.	Tol. ±
8-102	.077	.005
8-103	.109	
8-104	.140	
8-105	.171	
8-106	.202	
8-107	.234	
8-108	.265	
8-109	.327	
8-110	.390	
8-111	.452	
8-112	.515	.007
8-113	.577	
8-114	.640	.009
8-115	.702	
8-116	.765	
8-117	.831	.010
8-118	.893	
8-119	.956	
8-120	1.018	
8-121	1.081	
8-122	1.143	
8-123	1.206	
8-124	1.268	
8-125	1.331	
8-126	1.393	
8-127	1.456	
8-128	1.518	.015
8-129	1.581	
8-130	1.643	
8-131	1.706	
8-132	1.768	
8-133	1.831	
8-134	1.893	

**8-XXX Sizes**

R ± .010	Tol. Ref.	A in.	Tol. ±	Width in.	Tol. ±
.129	.053	.045	.003	.086	.003

Parker No.	ID in.	Tol. ±
8-135	1.956	.017
8-136	2.018	
8-137	2.081	
8-138	2.143	
8-139	2.206	
8-140	2.268	
8-141	2.331	.020
8-142	2.393	
8-143	2.456	
8-144	2.518	
8-145	2.581	.022
8-146	2.643	
8-147	2.706	
8-148	2.768	.024
8-149	2.831	
8-150	2.893	.028
8-151	3.018	
8-152	3.268	.030
8-153	3.518	
8-154	3.768	
8-155	4.018	.035
8-156	4.268	
8-157	4.518	.040
8-158	4.768	
8-159	5.018	
8-160	5.268	
8-161	5.518	
8-162	5.768	
8-163	6.018	
8-164	6.268	
8-165	6.518	
8-166	6.768	
8-167	7.018	

## 8-XXX Sizes

R ± .010	Tol. Ref.	A in.	Tol. ±	Width in.	Tol. ±
.129	.053	.045	.003	.086	.003

Parker No.	ID in.	Tol. ±
8-168	7.268	.045
8-169	7.518	
8-170	7.768	
8-171	8.018	
8-172	8.268	.050
8-173	8.518	
8-174	8.768	
8-175	9.018	
8-176	9.238	.055
8-177	9.518	
8-178	9.768	

**8-XXX Sizes**

R ± .010	Tol. Ref.	A in.	Tol. ±	Width in.	Tol. ±
.174	.050	.040	.003	.118	.004

Parker No.	ID in.	Tol. ±
8-201	.202	.005
8-202	.265	
8-203	.327	
8-204	.390	
8-205	.455	
8-206	.518	
8-207	.580	
8-208	.643	.009
8-209	.705	
8-210	.766	
8-211	.828	.010
8-212	.891	
8-213	.953	
8-214	1.016	
8-215	1.078	
8-216	1.141	.012
8-217	1.203	
8-218	1.266	
8-219	1.334	
8-220	1.397	
8-221	1.459	
8-222	1.522	.015
8-223	1.647	
8-224	1.772	
8-225	1.897	.018
8-226	2.022	
8-227	2.147	.020
8-228	2.272	
8-229	2.397	
8-230	2.522	
8-231	2.631	

**8-XXX Sizes**

R ± .010	Tol. Ref.	A in.	Tol. ±	Width in.	Tol. ±
.174	.050	.040	.003	.118	.004

Parker No.	ID in.	Tol. ±
8-232	2.756	.024
8-233	2.881	
8-234	3.006	
8-235	3.131	
8-236	3.256	
8-237	3.381	
8-238	3.506	
8-239	3.631	.028
8-240	3.756	
8-241	3.881	
8-242	4.006	
8-243	4.131	
8-244	4.256	.030
8-245	4.381	
8-246	4.506	
8-247	4.631	
8-248	4.768	
8-249	4.893	.035
8-250	5.018	
8-251	5.143	
8-252	5.268	
8-253	5.393	
8-254	5.518	
8-255	5.643	
8-256	5.768	.040
8-257	5.893	
8-258	6.018	
8-259	6.268	
8-260	6.518	
8-261	6.768	
8-262	7.018	

## 8-XXX Sizes

R ± .010	Tol. Ref.	A in.	Tol. ±	Width in.	Tol. ±
.174	.050	.040	.003	.118	.004

Parker No.	ID in.	Tol. ±
8-263	7.268	.045
8-264	7.518	
8-265	7.768	
8-266	8.018	
8-267	8.268	.050
8-268	8.518	
8-269	8.768	
8-270	9.018	
8-271	9.268	.055
8-272	9.518	
8-273	9.768	
8-274	10.018	
8-275	10.518	.065
8-276	11.018	
8-277	11.518	
8-278	12.018	
8-279	13.018	.075
8-280	14.018	
8-281	15.018	.080
8-282	15.989	
8-283	16.989	.085
8-284	17.989	

8-XXX Sizes					
R ± .010	Tol. Ref.	A in.	Tol. ±	Width in.	Tol. ±
.262	.076	.060	.004	.183	.005
Parker No.		ID in.	Tol. ±		
8-309		.450	.005		
8-310		.513			
8-311		.575	.007		
8-312		.638	.009		
8-313		.700			
8-314		.763	.010		
8-315		.825			
8-316		.888			
8-317		.950			
8-318		1.013			
8-319		1.075	.012		
8-320		1.138			
8-321		1.200			
8-322		1.263			
8-323		1.316			
8-324		1.388	.015		
8-325		1.513			
8-326		1.638			
8-327		1.763			
8-328		1.888			
8-329		2.013	.018		
8-330		2.138			
8-331		2.268			
8-332		2.393			
8-333		2.518	.020		
8-334		2.643			
8-335		2.768			
8-336		2.893			
8-337		3.018	.024		
8-338		3.143			
8-339		3.273			
8-340		3.398			
8-341		3.523			

8-XXX Sizes					
R ± .010	Tol. Ref.	A in.	Tol. ±	Width in.	Tol. ±
.262	.076	.060	.004	.183	.005
Parker No.		ID in.	Tol. ±		
8-342		3.648	.028		
8-343		3.773			
8-344		3.989			
8-345		4.028			
8-346		4.153			
8-347		4.278	.030		
8-348		4.403			
8-349		4.528			
8-350		4.653			
8-351		4.778			
8-352		4.903	.037		
8-353		5.028			
5-354		5.153			
8-355		5.278			
8-356		5.403			
8-357		5.528	.040		
8-358		5.653			
8-359		5.778			
8-360		5.903			
8-361		6.028			
8-362		6.278	.045		
8-363		6.528			
8-364		6.778			
8-365		7.028			
8-366		7.278	.050		
8-367		7.528			
8-368		7.778			
8-369		8.028			
8-370		8.278			
8-371		8.528	.050		
8-372		8.778			
8-373		9.028			

## 8-XXX Sizes

R ± .010	Tol. Ref.	A in.	Tol. ±	Width in.	Tol. ±
.262	.076	.060	.004	.183	.005

Parker No.	ID in.	Tol. ±
8-374	9.278	.055
8-375	9.528	
8-376	9.778	
8-377	10.028	
8-378	10.528	.060
8-379	11.028	
8-380	11.528	.065
8-381	12.028	
8-382	13.028	
8-383	14.028	.070
8-384	15.028	
8-385	16.008	.075
8-386	17.008	.080
8-387	18.008	.085
8-388	19.006	.090
8-389	20.006	.095
8-390	21.006	
8-391	22.006	.100
8-392	22.993	.105
8-393	23.993	.110
8-394	24.993	.115
8-395	25.993	.120

## 8-XXX Sizes

R ± .010	Tol. Ref.	A in.	Tol. ±	Width in.	Tol. ±
.344	.117	.096	.005	.236	.006

Parker No.	ID in.	Tol. ±	
8-425	4.551	.003	
8-426	4.676		
8-427	4.801		
8-428	4.926		
8-429	5.051		
8-430	5.176	.037	
8-431	5.301		
8-432	5.426		
8-433	5.551		
8-434	5.676		
8-435	5.801		
8-436	5.926		
8-437	6.051		
8-438	6.274		.040
8-439	6.524		
8-440	6.774		
8-441	7.024		
8-442	7.274		
8-443	7.524	.045	
8-444	7.774		
8-445	8.024		
8-446	8.524		
8-447	9.024	.055	
8-448	9.524		
8-449	10.024		
8-450	10.524		
8-451	11.024	.060	
8-452	11.524		
8-453	12.024		
8-454	12.524		
8-455	13.024		
8-456	13.524	.070	
8-457	14.024		
8-458	14.524		
8-459	15.024		
8-460	15.524		

## 8-XXX Sizes

R ± .010	Tol. Ref.	A in.	Tol. ±	Width in.	Tol. ±
.344	.117	.096	.005	.236	.006

Parker No.	ID in.	Tol. ±
8-461	16.004	.075
8-462	16.504	
8-463	17.004	.080
8-464	17.504	.085
8-465	18.004	
8-466	18.504	
8-467	19.004	.090
8-468	19.504	
8-469	20.004	.095
8-470	21.004	
8-471	22.004	
8-472	23.004	.105
8-473	24.004	.110
8-474	25.004	.115
8-475	26.004	.120