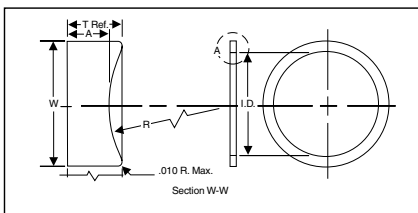


Parker Series 8-XXX Compounds Sizes

Developed primarily for service in petroleum based hydraulic fluids at -40°C to 121°C (-40°F to 250°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°C (400°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 | .007 |
| 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 | .012 | | | |
| 8-123 | 1.206 | | | | |
| 8-124 | 1.268 | | | | |
| 8-125 | 1.331 | | | | |
| 8-126 | 1.393 | .015 | | | |
| 8-127 | 1.456 | | | | |
| 8-128 | 1.518 | | | | |
| 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 | .020 | | | |
| 8-141 | 2.331 | | | | |
| 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 | .040 | | | |
| 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. | | | | | |
| 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 | | | | | | 8-XXX Sizes | | | | | |
|----------------|--------------|----------|-----------|--------------|-----------|----------------|--------------|----------|-----------|--------------|-----------|
| R ± .010 | Tol. Ref. | A in. | Tol. ± | Width in. | Tol. ± | R ± .010 | Tol. Ref. | A in. | Tol. ± | Width in. | Tol. ± |
| .174 | .050 | .040 | .003 | .118 | .004 | .174 | .050 | .040 | .003 | .118 | .004 |
| Parker No. | ID in. | Tol. ± | | Parker No. | ID in. | Tol. ± | | | | | |
| 8-201 | .202 | .005 | | 8-232 | 2.756 | .024 | | | | | |
| 8-202 | .265 | | | | | | | | | | |
| 8-203 | .327 | | | | | | | | | | |
| 8-204 | .390 | | | | | | | | | | |
| 8-205 | .455 | | | | | | | | | | |
| 8-206 | .518 | | | | | | | | | | |
| 8-207 | .580 | .007 | | 8-233 | 2.881 | .028 | | | | | |
| 8-208 | .643 | .009 | | 8-234 | 3.006 | | | | | | |
| 8-209 | .705 | | | | | | | | | | |
| 8-210 | .766 | | | | | | | | | | |
| 8-211 | .828 | .010 | | 8-235 | 3.131 | | | .030 | | | |
| 8-212 | .891 | | | | | | | | | | |
| 8-213 | .953 | | | | | | | | | | |
| 8-214 | 1.016 | | | | | | | | | | |
| 8-215 | 1.078 | | | | | | | | | | |
| 8-216 | 1.141 | .012 | | 8-236 | 3.256 | .035 | | | | | |
| 8-217 | 1.203 | | | | | | | | | | |
| 8-218 | 1.266 | | | | | | | | | | |
| 8-219 | 1.334 | | | | | | | | | | |
| 8-220 | 1.397 | | | | | | | | | | |
| 8-221 | 1.459 | .015 | | 8-237 | 3.381 | .040 | | | | | |
| 8-222 | 1.522 | | | | | | | | | | |
| 8-223 | 1.647 | | | | | | | | | | |
| 8-224 | 1.772 | .018 | | 8-238 | 3.506 | | | .028 | | | |
| 8-225 | 1.897 | | | | | | | | | | |
| 8-226 | 2.022 | | | | | | | | | | |
| 8-227 | 2.147 | .020 | | 8-239 | 3.631 | .035 | | | | | |
| 8-228 | 2.272 | | | | | | | | | | |
| 8-229 | 2.397 | | | | | | | | | | |
| 8-230 | 2.522 | | | | | | | | | | |
| 8-231 | 2.631 | | | | | | | | | | |
| | | | | 8-240 | 3.756 | .030 | | | | | |
| | | | | 8-241 | 3.881 | | | | | | |
| | | | | 8-242 | 4.006 | | | | | | |
| | | | | 8-243 | 4.131 | | | | | | |
| | | | | 8-244 | 4.256 | | | | | | |
| | | | | 8-245 | 4.381 | .035 | | | | | |
| | | | | 8-246 | 4.506 | | | | | | |
| | | | | 8-247 | 4.631 | | | | | | |
| | | | | 8-248 | 4.768 | | | | | | |
| | | | | 8-249 | 4.893 | | | | | | |
| | | | | 8-250 | 5.018 | .040 | | | | | |
| | | | | 8-251 | 5.143 | | | | | | |
| | | | | 8-252 | 5.268 | | | | | | |
| | | | | 8-253 | 5.393 | | | | | | |
| | | | | 8-254 | 5.518 | | | | | | |
| | | | | 8-255 | 5.643 | .040 | | | | | |
| | | | | 8-256 | 5.768 | | | | | | |
| | | | | 8-257 | 5.893 | | | | | | |
| | | | | 8-258 | 6.018 | | | | | | |
| | | | | 8-259 | 6.268 | | | | | | |
| | | | | 8-260 | 6.518 | .040 | | | | | |
| | | | | 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 | | | | |
| 8-282 | 15.989 | | | | |
| 8-283 | 16.989 | .080 | | | |
| 8-284 | 17.989 | .085 | | | |

| 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 | | | | |
| 8-320 | 1.138 | .012 | | | |
| 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 | .024 | | | |
| 8-337 | 3.018 | | | | |
| 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 | | | | |
| 8-353 | 5.028 | .037 | | | |
| 5-354 | 5.153 | | | | |
| 8-355 | 5.278 | | | | |
| 8-356 | 5.403 | | | | |
| 8-357 | 5.528 | | | | |
| 8-358 | 5.653 | | | | |
| 8-359 | 5.778 | | | | |
| 8-360 | 5.903 | .040 | | | |
| 8-361 | 6.028 | | | | |
| 8-362 | 6.278 | | | | |
| 8-363 | 6.528 | | | | |
| 8-364 | 6.778 | .045 | | | |
| 8-365 | 7.028 | | | | |
| 8-366 | 7.278 | | | | |
| 8-367 | 7.528 | | | | |
| 8-368 | 7.778 | | | | |
| 8-369 | 8.028 | .050 | | | |
| 8-370 | 8.278 | | | | |
| 8-371 | 8.528 | | | | |
| 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 | .060 | | | |
| 8-378 | 10.528 | | | | |
| 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 | | | | |
| 8-386 | 17.008 | .075 | | | |
| 8-387 | 18.008 | | | | |
| 8-388 | 19.006 | | | | |
| 8-389 | 20.006 | .080 | | | |
| 8-390 | 21.006 | | | | |
| 8-391 | 22.006 | | | | |
| 8-392 | 22.993 | .085 | | | |
| 8-393 | 23.993 | | | | |
| 8-394 | 24.993 | | | | |
| 8-395 | 25.993 | .090 | | | |
| | | | | | |
| | | | | | |
| | | .095 | | | |
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| | | .100 | | | |
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| | | .105 | | | |
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| | | .110 | | | |
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| | | .115 | | | |
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| | | .120 | | | |
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| 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 | .040 | | | |
| 8-436 | 5.926 | | | | |
| 8-437 | 6.051 | | | | |
| 8-438 | 6.274 | | | | |
| 8-439 | 6.524 | | | | |
| 8-440 | 6.774 | .045 | | | |
| 8-441 | 7.024 | | | | |
| 8-442 | 7.274 | | | | |
| 8-443 | 7.524 | | | | |
| 8-444 | 7.774 | | | | |
| 8-445 | 8.024 | .055 | | | |
| 8-446 | 8.524 | | | | |
| 8-447 | 9.024 | | | | |
| 8-448 | 9.524 | | | | |
| 8-449 | 10.024 | | | | |
| 8-450 | 10.524 | .060 | | | |
| 8-451 | 11.024 | | | | |
| 8-452 | 11.524 | | | | |
| 8-453 | 12.024 | | | | |
| 8-454 | 12.524 | | | | |
| 8-455 | 13.024 | .070 | | | |
| 8-456 | 13.524 | | | | |
| 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 | | | | |
| 8-465 | 18.004 | .085 | | | |
| 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 | .100 | | | |
| 8-472 | 23.004 | | | | |
| 8-473 | 24.004 | .105 | | | |
| 8-474 | 25.004 | | | | |
| 8-475 | 26.004 | .110 | | | |
| | | | | | |
| | | .115 | | | |
| | | | | | |
| | | .120 | | | |
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