

# O RING BELTS - 70A DUROMETER

| DIAMETER                               | MATERIAL                             | TEMPERATURE RANGE |
|--|--------------------------------------|-------------------|
| <b>3/64"</b><br><b>(Cross Section)</b> | <b>ELASTOMER COMPOUND<br/>BUNA-N</b> | -40° to +180°     |

- Low break-away friction
- No extrusion
- Higher temperature resistance
- No back up rings required
- Low permanent set
- No cold flow
- No special tool required
- STS-70 series stretch is 15% of belt length for proper tension.

| STOCK NO.  | NOMINAL SIZES |      |      | ACTUAL SIZES |      |           |
|------------|---------------|------|------|--------------|------|-----------|
|            | D             | I.D. | O.D. | D            | I.D. | I.D. TOL. |
| STS-70-101 | 3/64          | 1/32 | 7/64 | .040         | .029 | ±.004     |
| STS-70-102 |               | 3/64 | 9/64 | .050 ±.003   | .042 |           |

| DIAMETER                               | MATERIAL                             | TEMPERATURE RANGE | PULLEY                                      |
|--|--------------------------------------|-------------------|---|
| <b>1/16"</b><br><b>(Cross Section)</b> | <b>ELASTOMER COMPOUND<br/>BUNA-N</b> | -40° to +180°     | Operates with Grooved Pulley<br>PG1 Series. |

- Low break-away friction
- No extrusion
- Higher temperature resistance
- No back up rings required
- Low permanent set
- No cold flow
- No special tool required
- STS-70 series stretch is 15% of belt length for proper tension.

\* Use in systems with variable center distance.

| STOCK NO.  | NOMINAL SIZES |        |        | ACTUAL SIZES |       |           |
|------------|---------------|--------|--------|--------------|-------|-----------|
|            | D             | I.D.   | O.D.   | D            | I.D.  | I.D. TOL. |
| STS-70-203 | 1/16          | 1/16   | 11/64  | .060 ±.003   | .056  | ±.004     |
| STS-70-204 | 1/16          | 5/64   | 7/32   | .070 ±.003   | .070  | ±.005     |
| STS-70-205 |               | 3/32   | 15/64  |              | .101  |           |
| STS-70-207 |               | 5/32   | 9/32   |              | .145  |           |
| STS-70-208 |               | 3/16   | 5/16   |              | .176  |           |
| STS-70-209 |               | 7/32   | 11/32  |              | .208  |           |
| STS-70-210 |               | 1/4    | 3/8    |              | .239  |           |
| STS-70-211 |               | 5/16   | 7/16   |              | .301  |           |
| STS-70-212 |               | 3/8    | 1/2    |              | .364  |           |
| STS-70-213 |               | 7/16   | 9/16   |              | .426  |           |
| STS-70-214 |               | 1/2    | 5/8    |              | .489  |           |
| STS-70-215 |               | 9/16   | 11/16  |              | .551  |           |
| STS-70-216 |               | 5/8    | 3/4    |              | .614  |           |
| STS-70-217 |               | 11/16  | 13/16  |              | .676  |           |
| STS-70-218 |               | 3/4    | 7/8    |              | .739  |           |
| STS-70-219 | 1/16          | 13/16  | 15/16  | .070 ±.003   | .801  | ±.006     |
| STS-70-220 |               | 7/8    | 1      |              | .864  |           |
| STS-70-221 |               | 15/16  | 1 1/16 |              | .962  |           |
| STS-90-222 |               | 1      | 1 1/8  |              | .989  |           |
| STS-70-224 |               | 1 1/8  | 1 1/4  |              | 1.114 |           |
| STS-70-225 |               | 1 3/16 | 1 5/16 |              | 1.176 |           |
| STS-70-226 |               | 1 1/4  | 1 3/8  |              | 1.239 |           |
| STS-70-228 |               | 1 3/8  | 1 1/2  |              | 1.364 |           |
| STS-70-229 | 1/16          | 1 1/2  | 1 5/8  | .070 ±.003   | 1.489 | ±.010     |
| STS-70-230 |               | 1 5/8  | 1 3/4  |              | 1.614 |           |
| STS-70-231 |               | 1 3/4  | 1 7/8  |              | 1.739 |           |
| STS-70-233 |               | 2      | 2 1/8  |              | 1.989 |           |
| STS-70-234 |               | 2 1/8  | 2 1/4  |              | 2.114 |           |
| STS-70-235 |               | 2 1/4  | 2 3/8  |              | 2.239 |           |
| STS-70-236 |               | 2 3/8  | 2 1/2  |              | 2.364 |           |
| STS-70-237 |               | 2 1/2  | 2 5/8  |              | 2.489 |           |
| STS-70-238 |               | 2 5/8  | 2 3/4  |              | 2.614 |           |
| STS-70-239 |               | 2 3/4  | 2 7/8  |              | 2.739 |           |
| STS-70-240 |               | 2 7/8  | 3      |              | 2.864 |           |
| STS-70-241 |               | 3      | 3 1/8  |              | 2.989 |           |
| STS-70-242 | 1/16          | 3 1/4  | 3 3/8  | .070 ±.003   | 3.239 | ±.015     |
| STS-70-243 |               | 3 1/2  | 3 5/8  |              | 3.489 |           |
| STS-70-244 |               | 3 3/4  | 3 7/8  |              | 3.739 |           |
| STS-70-245 |               | 4      | 4 1/8  |              | 3.989 |           |

