

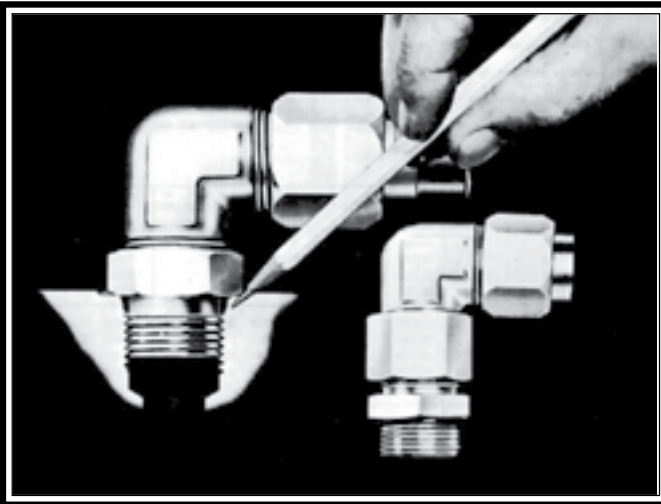
Inch

O-Ring Seals - Nitrile / Neoprene

Pouce

Jointts toriques d'étanchéité – nitrile / néoprène

FOR TUBE FITTINGS



SPAENAUR
can supply the right
NITRILE O-Ring
to suit **YOUR** purpose.

The Nitrile O-Rings listed below are made especially for use with internal straight fluid connection bosses and tube fittings.

Temperature Range -40°C to +121°C (-40°F to +250°F) 70 Durometer SPAENAUR No.	Temperature Range -34°C to +121°C (-30°F to +250°F) 90 Durometer SPAENAUR No.	TUBE SIZE		O-RING SIZE Thread	
		Tube O.D.	Size	I.D.	W.
OR-901N	OR-901NA	3/32"		.185"	.056"
OR-902N	OR-902NA	1/8"	5/16"-24	.239"	.064"
OR-903N	OR-903NA	3/16"	3/8"-24	.301"	.064"
OR-904N	OR-904NA	1/4"	7/16"-20	.351"	.072"
OR-905N	OR-905NA	5/16"	1/2"-20	.414"	.072"
OR-906N	OR-906NA	3/8"	9/16"-18	.468"	.078"
OR-907N	OR-907NA	7/16"		.530"	.082"
OR-908N	319-W01-1P	1/2"	3/4"-16	.644"	.087"
OR-909N	OR-909NA	9/16"		.706"	.097"
OR-910N	OR-910NA	5/8"	7/8"-14	.755"	.097"
OR-911N	OR-911NA	11/16"		.863"	.116"
318-A02-1C	OR-912NA	3/4"	1-1/16"-12	.924"	.116"
OR-913N	OR-913NA	13/16"		.986"	.116"
OR-914N	OR-914NA	7/8"	1-3/16"-12	1.047"	.116"
OR-916N	OR-916NA	1"	1-5/16"-12	1.171"	.116"
OR-918N	OR-918NA	1-1/8"		1.355"	.116"
OR-920N	OR-920NA	1-1/4"	1-5/8"-12	1.475"	.118"
OR-924N	OR-924NA	1-1/2"	1-7/8"-12	1.720"	.118"
OR-928N	OR-928NA	1-3/4"	2-1/2"-12	2.090"	.118"
OR-932N	OR-932NA	2		2.337"	.118"

Contact Sales Desk For Package Quantities

STOCKED O-RINGS in SPECIAL COMPOUNDS

SPAENAUR No.	O-RING SIZE			TYPE OF COMPOUND	TEMPERATURE RANGE (°C)	DURO-METER	PKG QTY.
	I.D.	O.D.	W.				
OR-006-N-H	1/8"	1/4"	1/16"	N299-50 Nitrile, Black	-54 to +107	50	100
324-001	11/16"	15/16"	1/8"	C557-7 Neoprene, CR, Black	-54 to +149	70	100
324-002	1/2"	5/8"	1/16"	C557-7 Neoprene, CR, Black	-54 to +149	70	100

CATALOG 14

SPAENAUR

O-Ring Cord Stock / O-Ring Splicing Kit Assortment

Inch

Cordon pour joint torique / Assortiment de troussees d'épissage de joints toriques

Pouce

From Stock - the FULL RANGE

INCH SIZES

See pages J84 to J89.

METRIC SIZES

See pages J90 & J92.

OR - "Make Your Own" - See below

**INCH
O-RING
SPLICING CORD**
Nitrile



Solve that problem of LARGE O-Ring availability. Use the **SPAENAUR No. 805-A05-2M** (shown below) Splicing Kit to make practically any (inch) size O-Ring right on the job. Instructions, adhesive, razor blade, cutting & splicing jig, also 5 sizes of 70 durometer Nitrile cord, all included in kit. Or, you can purchase the cord in continuous lengths, as listed below, along with tubes of the rapid-set adhesive, etc.

**O-RING SPLICING CORD
INCH SIZES**

70 Durometer Nitrile (Buna N)

For general purpose, mineral & petroleum oil, air and water.
Operating temp: **-40°C to +121°C**

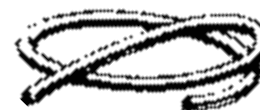
SPAENAUR No.	Diameter	PKG QTY.
825-B01-1P	0.070"	100 ft.
825-174	0.103"	100 ft.
825-175	0.139"	100 ft.
825-507	0.1875"	100 ft.
825-176	0.210"	100 ft.
825-177	0.275"	50 ft.
825-178	0.313"	50 ft.
825-179	0.375"	50 ft.

ASSORTMENT 805-A05-2M

**O-RING SPLICING KIT
8 PIECES - 8 SIZES**

Kit comes in a Regular Size Grey Enamelled STEEL drawer, and will fit the Slide Racks as shown on page A2

Drawer: 13³/₈" x 9¹/₄" x 2"
Shipping Weight: **1.93 kg** (4-1/4 lbs.)



Name	Spaenaur No.	Outer Diameter		Qty.
O-Ring Splicing Cord	825-B01-1P	0.070"		5'
	825-174	0.103"		
	825-175	0.139"		
	825-176	0.210"		
	825-177	0.275"		
Name	Spaenaur No.	Blade Length	Blade Width	Qty.
Cutting & Splicing Jig	877-505	4" (overall)	16" (overa	1
Razor Blade	877-504	1-1/2"	3/4"	
Name	Spaenaur No.	Weight		Qty.
Turbo Fuse Super Glue	800-B78-1W	2 g		2

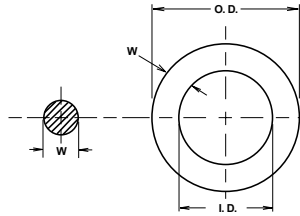
Inch

O-Ring Seals - Nitrile

Pouce

Joint toriques d'étanchéité – nitrile

Colour: **BLACK**



O-Rings of NITRILE (BUNA N)

All "N" suffixed rings listed on pages J85 and J86 are furnished in 70 Shore A Durometer, NITRILE (Buna N). They are recommended for general purpose sealing, and particularly for use with petroleum oils and fluids, water, silicone greases and oils, di-ester base lubricants, and ethylene glycol base fluids.

O-Rings are also widely used for power transmission from small motors. All measurements are in inches and are subject to commercial tolerances.

Temperature Range **-40°C to +121°C** (-40°F to +250 °F).

SPAENAUR No.	I.D.	Nom. O.D.	W.	SPAENAUR No.	I.D.	Nom. O.D.	W.	SPAENAUR No.	I.D.	Nom. O.D.	W.	SPAENAUR No.	I.D.	Nom. O.D.	W.
OR-001N	.029	3/32	.040	OR-044N	3.739	3-7/8	.070	OR-143N	2.425	2-5/8	.103	OR-214N	.984	1-1/4	.139
OR-002N	.041	9/64	.050	OR-045N	3.989	4-1/8	.070	OR-144N	2.487	2-11/16	.103	OR-215N	1.046	1-5/16	.139
318-A06-1W	.056	3/16	.060	OR-046N	4.239	4-3/8	.070	OR-145N	2.550	2-3/4	.103	OR-216N	1.109	1-3/8	.139
OR-004N	.070	13/64	.070	OR-047N	4.489	4-5/8	.070	OR-146N	2.612	2-13/16	.103	OR-217N	1.171	1-7/16	.139
318-A04-1T	.101	7/32	.070	OR-048N	4.739	4-7/8	.070	OR-147N	2.675	2-7/8	.103	OR-218N	1.234	1-1/2	.139
OR-006N	.114	1/4	.070	OR-049N	4.989	5-1/8	.070	OR-148N	2.737	2-15/16	.103	OR-219N	1.296	1-9/16	.139
318-A09-1A	.145	9/32	.070	318-A01-1Y	5.239	5-3/8	.070	OR-149N	2.800	3	.103	OR-220N	1.359	1-5/8	.139
318-A07-1M	.176	5/16	.070	OR-104N	.112	5/16	.103	OR-150N	2.862	3-1/16	.103	OR-221N	1.421	1-11/16	.139
OR-009N	.208	11/32	.070	318-A10-1X	.174	3/8	.103	OR-151N	2.987	3-3/16	.103	OR-222N	1.484	1-3/4	.139
OR-010N	.239	3/8	.070	318-A05-1K	.237	7/16	.103	OR-152N	3.237	3-7/16	.103	OR-223N	1.609	1-7/8	.139
OR-011N	.301	7/16	.070	OR-110N	.362	9/16	.103	OR-153N	3.487	3-11/16	.103	OR-224N	1.734	2	.139
318-A08-1X	.364	1/2	.070	OR-111N	.424	5/8	.103	OR-154N	3.737	3-15/16	.103	OR-225N	1.859	2-1/8	.139
OR-013N	.426	9/16	.070	OR-112N	.487	11/16	.103	OR-155N	3.987	4-3/16	.103	OR-226N	1.984	2-1/4	.139
OR-014N	.489	5/8	.070	OR-113N	.549	3/4	.103	OR-156N	4.237	4-7/16	.103	OR-227N	2.109	2-3/8	.139
OR-015N	.551	11/16	.070	OR-114N	.612	13/16	.103	OR-157N	4.487	4-11/16	.103	OR-228N	2.234	2-1/2	.139
OR-016N	.614	3/4	.070	OR-115N	.674	7/8	.103	OR-158N	4.737	4-15/16	.103	OR-229N	2.359	2-5/8	.139
OR-017N	.676	13/16	.070	OR-116N	.737	15/16	.103	OR-159N	4.987	5-3/16	.103	OR-230N	2.484	2-3/4	.139
OR-018N	.739	7/8	.070	OR-117N	.799	1	.103	OR-160N	5.237	5-7/16	.103	OR-231N	2.609	2-7/8	.139
OR-019N	.801	15/16	.070	OR-118N	.862	1-1/16	.103	OR-161N	5.487	5-11/16	.103	OR-232N	2.734	3	.139
OR-020N	.864	1	.070	OR-119N	.924	1-1/8	.103	OR-162N	5.737	5-15/16	.103	OR-233N	2.859	3-1/8	.139
OR-021N	.926	1-1/16	.070	OR-120N	.987	1-3/16	.103	OR-163N	5.987	6-3/16	.103	OR-234N	2.984	3-1/4	.139
OR-022N	.989	1-1/8	.070	OR-121N	1.049	1-1/4	.103	OR-164N	6.237	6-7/16	.103	OR-235N	3.109	3-3/8	.139
OR-023N	1.051	1-3/16	.070	OR-122N	1.112	1-5/16	.103	OR-165N	6.487	6-11/16	.103	OR-236N	3.234	3-1/2	.139
OR-024N	1.114	1-1/4	.070	OR-123N	1.174	1-3/8	.103	OR-166N	6.737	6-15/16	.103	*OR-236EA	3.250	3-1/2	.125
OR-025N	1.176	1-5/16	.070	OR-124N	1.237	1-7/16	.103	OR-167N	6.987	7-3/16	.103	OR-237N	3.359	3-5/8	.139
OR-026N	1.239	1-3/8	.070	OR-125N	1.299	1-1/2	.103	OR-168N	7.237	7-7/16	.103	OR-238N	3.484	3-3/4	.139
OR-027N	1.301	1-7/16	.070	OR-126N	1.362	1-9/16	.103	OR-169N	7.487	7-11/16	.103	OR-239N	3.609	3-7/8	.139
OR-028N	1.364	1-1/2	.070	OR-127N	1.424	1-5/8	.103	OR-170N	7.737	7-15/16	.103	OR-240N	3.734	4	.139
OR-029N	1.489	1-5/8	.070	OR-128N	1.487	1-11/16	.103	OR-171N	7.987	8-3/16	.103	OR-241N	3.859	4-1/8	.139
OR-030N	1.614	1-3/4	.070	OR-129N	1.549	1-3/4	.103	OR-172N	8.237	8-7/16	.103	OR-242N	3.984	4-1/4	.139
OR-031N	1.739	1-7/8	.070	OR-130N	1.612	1-13/16	.103	OR-173N	8.487	8-11/16	.103	OR-243N	4.109	4-3/8	.139
OR-032N	1.864	2	.070	OR-131N	1.674	1-7/8	.103	OR-174N	8.737	8-15/16	.103	OR-244N	4.234	4-1/2	.139
OR-033N	1.989	2-1/8	.070	OR-132N	1.737	1-15/16	.103	OR-175N	8.987	9-3/16	.103	OR-245N	4.359	4-5/8	.139
OR-034N	2.114	2-1/4	.070	OR-133N	1.799	2	.103	OR-176N	9.237	9-7/16	.103	OR-246N	4.484	4-3/4	.139
OR-035N	2.239	2-3/8	.070	OR-134N	1.862	2-1/16	.103	OR-177N	9.487	9-11/16	.103	OR-247N	4.609	4-7/8	.139
318-A03-1N	2.364	2-1/2	.070	OR-135N	1.925	2-1/8	.103	OR-178N	9.737	9-15/16	.103	OR-248N	4.734	5	.139
OR-037N	2.489	2-5/8	.070	OR-136N	1.987	2-3/16	.103	OR-205N	.421	11/16	.139	OR-249N	4.859	5-1/8	.139
OR-038N	2.614	2-3/4	.070	OR-137N	2.050	2-1/4	.103	▲318-004	7/16	11/16	1/8	OR-250N	4.984	5-1/4	.139
OR-039N	2.739	2-7/8	.070	OR-138N	2.112	2-5/16	.103	▲318-005	1/2	3/4	1/8	OR-251N	5.109	5-3/8	.139
OR-040N	2.864	3	.070	OR-139N	2.175	2-3/8	.103	OR-210N	.734	1	.139	OR-252N	5.234	5-1/2	.139
OR-041N	2.989	3-1/8	.070	OR-140N	2.237	2-7/16	.103	OR-211N	.796	1-1/16	.139	OR-253N	5.359	5-5/8	.139
OR-042N	3.239	3-3/8	.070	OR-141N	2.300	2-1/2	.103	OR-212N	.859	1-1/8	.139	OR-254N	5.484	5-3/4	.139
OR-043N	3.489	3-5/8	.070	OR-142N	2.362	2-9/16	.103	OR-213N	.921	1-3/16	.139	OR-255N	5.609	5-7/8	.139

Contact Sales Desk For Package Quantities
See section 'R' for
Compound Selection Guide



▲Cross-section of Quad Rings
318-004 & 318-005

*Ethylene Propylene

continued next page...

CATALOG 14 SPAENAUR

O-Ring Seals - Nitrile

Inch

Joint toriques d'étanchéité – nitrile

Pouce

Continued from Previous Page				O-Rings of NITRILE (BUNA N)											
SPAENAUR No.	I.D.	Nom. O.D.	W.	SPAENAUR No.	I.D.	Nom. O.D.	W.	SPAENAUR No.	I.D.	Nom. O.D.	W.	SPAENAUR No.	I.D.	Nom. O.D.	W.
OR-256N	5.734	6	.139	OR-336N	2.850	3-1/4	.210	OR-376N	9.725	10-1/8	.210	OR-445N	7.975	8-1/2	.275
OR-257N	5.859	6-1/8	.139	OR-337N	2.975	3-3/8	.210	OR-377N	9.975	10-3/8	.210	OR-446N	8.475	9	.275
OR-258N	5.984	6-1/4	.139	OR-338N	3.100	3-1/2	.210	OR-378N	10.475	10-7/8	.210	OR-447N	8.975	9-1/2	.275
OR-259N	6.234	6-1/2	.139	OR-339N	3.225	3-5/8	.210	OR-379N	10.975	11-3/8	.210	OR-448N	9.475	10	.275
OR-260N	6.484	6-3/4	.139	OR-340N	3.350	3-3/4	.210	OR-380N	11.475	11-7/8	.210	OR-449N	9.975	10-1/2	.275
OR-261N	6.734	7	.139	OR-341N	3.475	3-7/8	.210	OR-381N	11.975	12-3/8	.210	OR-450N	10.475	11	.275
OR-262N	6.984	7-1/4	.139	OR-342N	3.600	4	.210	OR-382N	12.975	13-3/8	.210	OR-451N	10.975	11-1/2	.275
OR-263N	7.234	7-1/2	.139	OR-343N	3.725	4-1/8	.210	OR-383N	13.975	14-3/8	.210	OR-452N	11.475	12	.275
OR-264N	7.484	7-3/4	.139	OR-344N	3.850	4-1/4	.210	OR-384N	14.975	15-3/8	.210	OR-453N	11.975	12-1/2	.275
OR-265N	7.734	8	.139	OR-345N	3.975	4-3/8	.210	OR-385N	15.955	16-3/8	.210	OR-454N	12.475	13	.275
OR-266N	7.984	8-1/4	.139	OR-346N	4.100	4-1/2	.210	OR-386N	16.955	17-3/8	.210	OR-455N	12.975	13-1/2	.275
OR-267N	8.234	8-1/2	.139	OR-347N	4.225	4-5/8	.210	OR-387N	17.955	18-3/8	.210	OR-456N	13.475	14	.275
OR-268N	8.484	8-3/4	.139	OR-348N	4.350	4-3/4	.210	OR-388N	18.955	19-3/8	.210	OR-457N	13.975	14-1/2	.275
OR-269N	8.734	9	.139	OR-349N	4.475	4-7/8	.210	OR-389N	19.955	20-3/8	.210	OR-458N	14.475	15	.275
OR-270N	8.984	9-1/4	.139	OR-350N	4.600	5	.210	OR-390N	20.955	21-3/8	.210	OR-459N	14.975	15-1/2	.275
OR-271N	9.234	9-1/2	.139	OR-351N	4.725	5-1/8	.210	OR-391N	21.955	22-3/8	.210	OR-460N	15.475	16	.275
OR-272N	9.484	9-3/4	.139	OR-352N	4.850	5-1/4	.210	OR-392N	22.940	23-3/8	.210	OR-461N	15.955	16-1/2	.275
OR-273N	9.734	10	.139	OR-353N	4.975	5-3/8	.210	OR-393N	23.940	24-3/8	.210	OR-462N	16.455	17	.275
OR-274N	9.984	10-1/4	.139	OR-354N	5.100	5-1/2	.210	OR-394N	24.940	25-3/8	.210	OR-463N	16.955	17-1/2	.275
OR-275N	10.484	10-3/4	.139	OR-355N	5.225	5-5/8	.210	OR-395N	25.940	26-3/8	.210	OR-464N	17.455	18	.275
OR-276N	10.984	11-1/4	.139	OR-356N	5.350	5-3/4	.210	OR-425N	4.475	5	.275	OR-465N	17.955	18-1/2	.275
OR-277N	11.484	11-3/4	.139	OR-357N	5.475	5-7/8	.210	OR-426N	4.600	5-1/8	.275	OR-466N	18.455	19	.275
OR-278N	11.984	12-1/4	.139	OR-358N	5.600	6	.210	OR-427N	4.725	5-1/4	.275	OR-467N	18.955	19-1/2	.275
OR-279N	12.984	13-1/4	.139	OR-359N	5.725	6-1/8	.210	OR-428N	4.850	5-3/8	.275	OR-468N	19.455	20	.275
OR-280N	13.984	14-1/4	.139	OR-360N	5.850	6-1/4	.210	OR-429N	4.975	5-1/2	.275	OR-469N	19.955	20-1/2	.275
OR-281N	14.984	15-1/4	.139	OR-361N	5.975	6-3/8	.210	OR-430N	5.100	5-5/8	.275	OR-470N	20.955	21-1/2	.275
OR-282N	15.955	16-1/4	.139	OR-362N	6.225	6-5/8	.210	OR-431N	5.225	5-3/4	.275	OR-471N	21.955	22-1/2	.275
OR-283N	16.955	17-1/4	.139	OR-363N	6.475	6-7/8	.210	OR-432N	5.350	5-7/8	.275	OR-472N	22.940	23-1/2	.275
OR-284N	17.955	18-1/4	.139	OR-364N	6.725	7-1/8	.210	OR-433N	5.475	6	.275	OR-473N	23.940	24-1/2	.275
OR-325N	1.475	1-7/8	.210	OR-365N	6.975	7-3/8	.210	OR-434N	5.600	6-1/8	.275	OR-474N	24.940	25-1/2	.275
OR-326N	1.600	2	.210	OR-366N	7.225	7-5/8	.210	OR-435N	5.725	6-1/4	.275	OR-475N	25.940	26-1/2	.275
OR-327N	1.725	2-1/8	.210	OR-367N	7.475	7-7/8	.210	OR-436N	5.850	6-3/8	.275				
OR-328N	1.850	2-1/4	.210	OR-368N	7.725	8-1/8	.210	OR-437N	5.975	6-1/2	.275				
OR-329N	1.975	2-3/8	.210	OR-369N	7.975	8-3/8	.210	OR-438N	6.225	6-3/4	.275				
OR-330N	2.100	2-1/2	.210	OR-370N	8.225	8-5/8	.210	OR-439N	6.475	7	.275				
OR-331N	2.225	2-5/8	.210	OR-371N	8.475	8-7/8	.210	OR-440N	6.725	7-1/4	.275				
OR-332N	2.350	2-3/4	.210	OR-372N	8.725	9-1/8	.210	OR-441N	6.975	7-1/2	.275				
OR-333N	2.475	2-7/8	.210	OR-373N	8.975	9-3/8	.210	OR-442N	7.225	7-3/4	.275				
OR-334N	2.600	3	.210	OR-374N	9.225	9-5/8	.210	OR-443N	7.475	8	.275				
OR-335N	2.725	3-1/8	.210	OR-375N	9.475	9-7/8	.210	OR-444N	7.725	8-1/4	.275				

— For reference only —
COMPARISON CHART FOR
WIDTH OF O-RING MATERIAL

Nominal	Actual
1/32"	= .040"
3/64"	= .050"
1/16"	= .060" (If I.D. is .056")
1/16"	= .070" (If I.D. is .070")
3/32"	= .103"
1/8"	= .139"
3/16"	= .210"
1/4"	= .275"

Contact Sales Desk For Package Quantities

In addition to the regular stock numbers listed above, O-Rings are also available in compounds for specialized applications. Prices upon application.

If you need a special O-Ring for a special purpose, we will do our utmost to supply exactly what you need.

NOTE: See "O-Ring Lubricants" - page J90.



Inch

O-Ring Seals - Viton

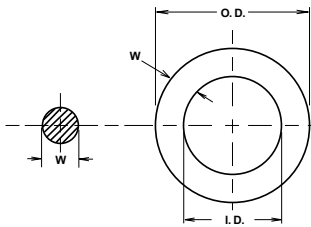
Pouce

Jointes toriques d'étanchéité – Viton

Colour: **GREEN or BLACK**

O-Rings of VITON

(Our Option)



The rings listed on pages J87 and J88 are furnished in 75 Shore A Durometer, Viton. These versatile elastomers have excellent mechanical and physical properties for general-purpose sealing, and outstanding resistance to aromatic fuels, HIGH TEMPERATURE synthetic lubricants, and many of the new fire-resistant industrial fluids.

Temperature Range: **-29°C to +204°C** (-20°F to +400°F).

All measurements are in inches and are subject to commercial tolerances.

SPAENAUR No.	I.D.	Nom. O.D.	W.	SPAENAUR No.	I.D.	Nom. O.D.	W.	SPAENAUR No.	I.D.	Nom. O.D.	W.	SPAENAUR No.	I.D.	Nom. O.D.	W.
320-001	.029	3/32	.040	320-045	3.989	4-1/8	.070	320-148	2.737	2-15/16	.103	320-223	1.609	1-7/8	.139
320-002	.041	9/64	.050	320-046	4.239	4-3/8	.070	320-149	2.800	3	.103	320-224	1.734	2	.139
320-003	.056	3/16	.060	320-047	4.489	4-5/8	.070	320-150	2.862	3-1/16	.103	320-225	1.859	2-1/8	.139
320-004	.070	13/64	.070	320-048	4.739	4-7/8	.070	320-151	2.987	3-3/16	.103	320-226	1.984	2-1/4	.139
320-005	.101	7/32	.070	320-049	4.989	5-1/8	.070	320-152	3.237	3-7/16	.103	320-227	2.109	2-3/8	.139
320-006	.114	1/4	.070	320-050	5.239	5-3/8	.070	320-153	3.487	3-11/16	.103	320-228	2.234	2-1/2	.139
320-007	.145	9/32	.070	320-110	.362	9/16	.103	320-154	3.737	3-15/16	.103	320-229	2.359	2-5/8	.139
320-008	.176	5/16	.070	320-111	.424	5/8	.103	320-155	3.987	4-3/16	.103	320-230	2.484	2-3/4	.139
320-009	.208	11/32	.070	320-112	.487	11/16	.103	320-156	4.237	4-7/16	.103	320-231	2.609	2-7/8	.139
320-010	.239	3/8	.070	320-113	.549	3/4	.103	320-157	4.487	4-11/16	.103	320-232	2.734	3	.139
320-011	.301	7/16	.070	320-114	.612	13/16	.103	320-158	4.737	4-15/16	.103	320-233	2.859	3-1/8	.139
320-012	.364	1/2	.070	320-115	.674	7/8	.103	320-159	4.987	5-3/16	.103	320-234	2.984	3-1/4	.139
320-013	.426	9/16	.070	320-116	.737	15/16	.103	320-160	5.237	5-7/16	.103	320-235	3.109	3-3/8	.139
320-014	.489	5/8	.070	320-117	.799	1	.103	320-161	5.487	5-11/16	.103	320-236	3.234	3-1/2	.139
320-015	.551	11/16	.070	320-118	.862	1-1/16	.103	320-162	5.737	5-15/16	.103	320-237	3.359	3-5/8	.139
320-016	.614	3/4	.070	320-119	.924	1-1/8	.103	320-163	5.987	6-3/16	.103	320-238	3.484	3-3/4	.139
320-017	.676	13/16	.070	320-120	.987	1-3/16	.103	320-164	6.237	6-7/16	.103	320-239	3.609	3-7/8	.139
320-018	.739	7/8	.070	320-121	1.049	1-1/4	.103	320-165	6.487	6-11/16	.103	320-240	3.734	4	.139
320-019	.801	15/16	.070	320-122	1.112	1-5/16	.103	320-166	6.737	6-15/16	.103	320-241	3.859	4-1/8	.139
320-020	.864	1	.070	320-123	1.174	1-3/8	.103	320-167	6.987	7-3/16	.103	320-242	3.984	4-1/4	.139
320-021	.926	1-1/16	.070	320-124	1.237	1-7/16	.103	320-168	7.237	7-7/16	.103	320-243	4.109	4-3/8	.139
320-022	.989	1-1/8	.070	320-125	1.299	1-1/2	.103	320-169	7.487	7-11/16	.103	320-244	4.234	4-1/2	.139
320-023	1.051	1-3/16	.070	320-126	1.362	1-9/16	.103	320-170	7.737	7-15/16	.103	320-245	4.359	4-5/8	.139
320-024	1.114	1-1/4	.070	320-127	1.424	1-5/8	.103	320-171	7.987	8-3/16	.103	320-246	4.484	4-3/4	.139
320-025	1.176	1-5/16	.070	320-128	1.487	1-11/16	.103	320-172	8.237	8-7/16	.103	320-247	4.609	4-7/8	.139
320-026	1.239	1-3/8	.070	320-129	1.549	1-3/4	.103	320-173	8.487	8-11/16	.103	320-248	4.734	5	.139
320-027	1.301	1-7/16	.070	320-130	1.612	1-13/16	.103	320-174	8.737	8-15/16	.103	320-249	4.859	5-1/8	.139
320-028	1.364	1-1/2	.070	320-131	1.674	1-7/8	.103	320-175	8.987	9-3/16	.103	320-250	4.984	5-1/4	.139
320-029	1.489	1-5/8	.070	320-132	1.737	1-15/16	.103	320-176	9.237	9-7/16	.103	320-251	5.109	5-3/8	.139
320-030	1.614	1-3/4	.070	320-133	1.799	2	.103	320-177	9.487	9-11/16	.103	320-252	5.234	5-1/2	.139
320-031	1.739	1-7/8	.070	320-134	1.862	2-1/16	.103	320-178	9.737	9-15/16	.103	320-253	5.359	5-5/8	.139
320-032	1.864	2	.070	320-135	1.925	2-1/8	.103	320-210	.734	1	.139	320-254	5.484	5-3/4	.139
320-033	1.989	2-1/8	.070	320-136	1.987	2-3/16	.103	320-211	.796	1-1/16	.139	320-255	5.609	5-7/8	.139
320-034	2.114	2-1/4	.070	320-137	2.050	2-1/4	.103	320-212	.859	1-1/8	.139	320-256	5.734	6	.139
320-035	2.239	2-3/8	.070	320-138	2.112	2-5/16	.103	320-213	.921	1-3/16	.139	320-257	5.859	6-1/8	.139
320-036	2.364	2-1/2	.070	320-139	2.175	2-3/8	.103	320-214	.984	1-1/4	.139	320-258	5.984	6-1/4	.139
320-037	2.489	2-5/8	.070	320-140	2.237	2-7/16	.103	320-215	1.046	1-5/16	.139	320-259	6.234	6-1/2	.139
320-038	2.614	2-3/4	.070	320-141	2.300	2-1/2	.103	320-216	1.109	1-3/8	.139	320-260	6.484	6-3/4	.139
320-039	2.739	2-7/8	.070	320-142	2.362	2-9/16	.103	320-217	1.171	1-7/16	.139	320-261	6.734	7	.139
320-040	2.864	3	.070	320-143	2.425	2-5/8	.103	320-218	1.234	1-1/2	.139	320-262	6.984	7-1/4	.139
320-041	2.989	3-1/8	.070	320-144	2.487	2-15/16	.103	320-219	1.296	1-9/16	.139	320-263	7.234	7-1/2	.139
320-042	3.239	3-3/8	.070	320-145	2.550	2-3/4	.103	320-220	1.359	1-5/8	.139	320-264	7.484	7-3/4	.139
320-043	3.489	3-5/8	.070	320-146	2.612	2-13/16	.103	320-221	1.421	1-11/16	.139	320-265	7.734	8	.139
320-044	3.739	3-7/8	.070	320-147	2.675	2-7/8	.103	320-222	1.484	1-3/4	.139	320-266	7.984	8-1/4	.139

Contact Sales Desk For Package Quantities

continued next page...

O-Ring Seals - Viton / Nylon Flat Washers Assortment

Inch

Joints toriques - Assortiment de rondelles plates Viton / Nylon

Pouce

Continued from Previous Page

O-Rings of VITON - Green or Black (Our Option)

Please see page J86 for Comparison Chart for Width of O-Ring Material.

SPAENAUR No.	I.D.	Nom. O.D.	W.	SPAENAUR No.	I.D.	Nom. O.D.	W.	SPAENAUR No.	I.D.	Nom. O.D.	W.
320-267	8.234	8-1/2	.139	320-362	6.225	6-5/8	.210	320-446	8.475	9	.275
320-268	8.484	8-3/4	.139	320-363	6.475	6-7/8	.210	320-447	8.975	9-1/2	.275
320-269	8.734	9	.139	320-364	6.725	7-1/8	.210	320-448	9.475	10	.275
320-270	8.984	9-1/4	.139	320-365	6.975	7-3/8	.210	320-449	9.975	10-1/2	.275
320-271	9.234	9-1/2	.139	320-366	7.225	7-5/8	.210	320-450	10.475	11	.275
320-281	14.984	15-1/4	.139	320-367	7.475	7-7/8	.210	320-451	10.975	11-1/2	.275
320-282	15.955	16-1/4	.139	320-368	7.725	8-1/8	.210	320-452	11.475	12	.275
320-325	1.475	1-7/8	.210	320-369	7.975	8-3/8	.210	320-453	11.975	12-1/2	.275
320-326	1.600	2	.210	320-370	8.225	8-5/8	.210	320-454	12.475	13	.275
320-327	1.725	2-1/8	.210	320-371	8.475	8-7/8	.210	320-455	12.975	13-1/2	.275
320-328	1.850	2-1/4	.210	320-372	8.725	9-1/8	.210	320-456	13.475	14	.275
320-329	1.975	2-3/8	.210	320-373	8.975	9-3/8	.210	320-457	13.975	14-1/2	.275
320-330	2.100	2-1/2	.210	320-374	9.225	9-5/8	.210	320-458	14.475	15	.275
320-331	2.225	2-5/8	.210	320-375	9.475	9-7/8	.210	320-459	14.975	15-1/2	.275
320-332	2.350	2-3/4	.210	320-376	9.725	10-1/8	.210	320-460	15.475	16	.275
320-333	2.475	2-7/8	.210	320-377	9.975	10-3/8	.210				
320-334	2.600	3	.210	320-378	10.475	10-7/8	.210				
320-335	2.725	3-1/8	.210	320-379	10.975	11-3/8	.210				
320-336	2.850	3-1/4	.210	320-380	11.475	11-7/8	.210				
320-337	2.975	3-3/8	.210	320-381	11.975	12-3/8	.210				
320-338	3.100	3-1/2	.210	320-382	12.975	13-3/8	.210				
320-339	3.225	3-5/8	.210	320-383	13.975	14-3/8	.210				
320-340	3.350	3-3/4	.210	320-384	14.975	15-3/8	.210				
320-341	3.475	3-7/8	.210	320-425	4.475	5	.275				
320-342	3.600	4	.210	320-426	4.600	5-1/8	.275				
320-343	3.725	4-1/8	.210	320-427	4.725	5-1/4	.275				
320-344	3.850	4-1/4	.210	320-428	4.850	5-3/8	.275				
320-345	3.975	4-3/8	.210	320-429	4.975	5-1/2	.275				
320-346	4.100	4-1/2	.210	320-430	5.100	5-5/8	.275				
320-347	4.225	4-5/8	.210	320-431	5.225	5-3/4	.275				
320-348	4.350	4-3/4	.210	320-432	5.350	5-7/8	.275				
320-349	4.475	4-7/8	.210	320-433	5.475	6	.275				
320-350	4.600	5	.210	320-434	5.600	6-1/8	.275				
320-351	4.725	5-1/8	.210	320-435	5.725	6-1/4	.275				
320-352	4.850	5-1/4	.210	320-436	5.850	6-3/8	.275				
320-353	4.975	5-3/8	.210	320-437	5.975	6-1/2	.275				
320-354	5.100	5-1/2	.210	320-438	6.225	6-3/4	.275				
320-355	5.225	5-5/8	.210	320-439	6.475	7	.275				
320-356	5.350	5-3/4	.210	320-440	6.725	7-1/4	.275				
320-357	5.475	5-7/8	.210	320-441	6.975	7-1/2	.275				
320-358	5.600	6	.210	320-442	7.225	7-3/4	.275				
320-359	5.725	6-1/8	.210	320-443	7.475	8	.275				
320-360	5.850	6-1/4	.210	320-444	7.725	8-1/4	.275				
320-361	5.975	6-3/8	.210	320-445	7.975	8-1/2	.275				

Contact Sales Desk For Package Quantities

NOTE (1): Viton O-Ring Seals in Green or Black colours (our option) are now indexed as above with SPAENAUR No's.

NOTE (2): See "O-Ring Lubricants" - page J90.

See section 'R' for Compound Selection Guide

ASSORTMENT 805-448

~DIN 125A ~ ISO 7089

Inch & Metric FLAT WASHERS 6/6 Nylon

Spenaaur No.	Compatible Bolt Size	Inner Diameter	Outer Diameter	Thickness	Qty.	Page
655-010	M3	3.2mm	7mm	0.5mm	100	D15
655-011	M4	4.3mm	9mm	0.8mm	80	
655-012	M5	5.3mm	11mm	1.0mm	70	
655-013	M6	6.4mm	12mm	1.5mm	60	
655-015	M8	8.4mm	16mm	1.6mm	50	
655-016	M10	10.5mm	22mm	2.5mm	40	
655-017	M12	13.0mm	24mm		35	
655-018	M16	17.0mm	30mm	3.0mm		
655-019	M20	21.0mm	37mm		30	
654-G02-1A	#4	0.115"	0.250"	0.032"	100	
654-003	#6	0.140"	0.312"		80	
654-G06-1N	#8	0.170"	0.375"		70	D10 H34
654-004	#10	0.194"		0.062"	60	
654-G07-1T	1/4"	0.257"	0.500"		50	D10
654-006	5/16"	0.317"			40	
654-007	3/8"	0.380"	0.625"		35	D10
654-008	7/16"	0.443"		0.093"		
654-009	1/2"	0.505"	0.750"		30	

18 Sizes - 1000 Pieces



Shipping Weight: 2.27 kg (5 lb.)

Inch

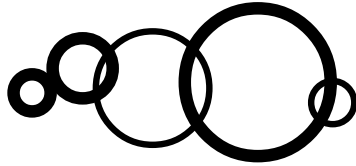
O-Ring Seal Assortments - Viton / Nitrile

Pouce

Assortiments de joints toriques d'étanchéité – Viton / nitrile

ASSORTMENT 805-606
ASSORTIMENT 805-606

O-RING SEALS
Made of Viton



Temperature Range: **-40° to +121°C** (-40° to +250°F).

36 VARIETIES
428 PIECES

Width	Spenaaur No.	Inner Diameter	Outer Diameter	Qty.	Page
0.070"	320-006	0.114"	1/4"	30	J87
	320-007	0.145"	9/32"		
	320-008	0.176"	5/16"		
	320-009	0.208"	11/32"		
	320-010	0.239"	3/8"		
	320-011	0.301"	7/16"		
0.103"	320-012	0.364"	1/2"	20	J87
	320-013	0.426"	9/16"		
	320-014	0.489"	5/8"		
	320-015	0.551"	11/16"		
	320-016	0.614"	3/4"		
	320-110	0.362"	9/16"		
0.139"	320-111	0.424"	5/8"	15	J87
	320-112	0.487"	11/16"		
	320-113	0.549"	3/4"		
	320-114	0.612"	13/16"		
	320-115	0.674"	7/8"		
	320-116	0.737"	15/16"		
0.210"	320-210	0.734"	1"	6	J88
	320-211	0.796"	1-1/16"		
	320-212	0.859"	1-1/8"		
	320-213	0.921"	1-3/16"		
	320-214	0.984"	1-1/4"		
	320-215	1.046"	1-5/16"		
	320-216	1.109"	1-3/8"		
	320-217	1.171"	1-7/16"		
	320-218	1.234"	1-1/2"		
	320-219	1.296"	1-9/16"		
	320-220	1.359"	1-5/8"		
	320-221	1.421"	1-11/16"		
320-222	1.484"	1-3/4"			
320-223	1.609"	1-7/8"			
320-224	1.734"	2"			
320-325	1.475"	1-7/8"	3	J88	
320-326	1.600"	2"			
320-327	1.725"	2-1/8"			

Furnished in Large Size Grey enameled STEEL Drawer, with scooped bins. Size: 18" x 12" x 3".
Drawer will fit into the Slide Racks, shown on page A3.
Shipping Wt. **3.96 kg** (8-3/4 lbs.)

PLASTIKIT 804-001
«PLASTIKIT»

O-RING SEALS
Viton
19 SIZES
78 PIECES



Spenaaur No.	Outer Diameter	Inner Diameter	Qty.	Page
320-006	1/4"	0.114"	5	J87
320-007	9/32"	0.145"		
320-008	5/16"	0.176"		
320-009	11/32"	0.208"		
320-010	3/8"	0.239"		
320-011	7/16"	0.301"		
320-012	1/2"	0.364"	3	J87
320-110	9/16"	0.362"		
320-013		0.426"	5	
320-111	5/8"	0.424"	3	
320-014		0.489"	5	
320-112	11/16"	0.487"	3	
320-015		0.551"	5	
320-113	3/4"	0.549"	3	
320-016		0.614"	5	
320-114	13/16"	0.612"	3	J87
320-115	7/8"	0.674"		
320-116	15/16"	0.737"	2	
320-210	1"	0.734"	2	

PLASTIKIT 804-069
«PLASTIKIT»

O-RING SEALS
Nitrile
19 SIZES
78 PIECES



Spenaaur No.	Outer Diameter	Inner Diameter	Qty.	Page
OR-006N	1/4"	0.114"	5	J85
OR-007N	9/32"	0.145"		
OR-008N	5/16"	0.176"		
OR-009N	11/32"	0.208"		
OR-010N	3/8"	0.239"		
OR-011N	7/16"	0.301"		
OR-012N	1/2"	0.364"	3	J85
OR-110N	9/16"	0.362"		
OR-013N		0.426"	5	
OR-014N	5/8"	0.489"	3	
OR-112N	11/16"	0.487"	5	
OR-015N		0.551"	3	
OR-113N	3/4"	0.549"	5	
OR-016N		0.614"	3	J85
OR-114N	13/16"	0.612"		
OR-111N	7/8"	0.424"	3	J85
OR-115N		0.674"		
OR-116N	15/16"	0.737"	2	
OR-210N	1"	0.734"	2	

O-Ring Seals - Recommended Lubricants Chart

Inch and Metric

Joints toriques - Lubrifiants recommandés

Pouce et Métrique

Recommended O-RING Lubricants

(LUBRICANTS NOT SUPPLIED BY SPAENAUR)

LUBRICANT	TEMPERATURE RANGE	SEAL USE	BEST USED WITH
*Petroleum Base Petrolatum	-20 to +180°F -29 to +82°C (may vary between sources)	Assembly of petroleum system components i.e.fuel and hydraulic	Nitrile, Neoprene, Viton
▲ Barium grease Parker O-Lube	-20 to +300°F -29 to +149°C	Pneumatic (low pressure-200 psi max)	Nitrile, Neoprene, Viton and most other petroleum oil resistant rubbers
*Silicone oil (200,000 centi-stokes only)	-65 to +440°F -64 to +227°C	Pneumatic-High pressures and speeds	Some Nitrile, Neoprene, Viton (will cause shrinkage of some compounds)
Cellulose ester & castor oil Celvacene	-40 to +266°F -40 to +130°C	Vacuum Static 1 x 10 ⁻⁷ Torr	Silicone, Nitrile, Neoprene, Viton, Butyl, Ethylene-Propylene
Silicone Grease Versilube	-100 to +400°F -73 to +204°C	Pneumatic 3000 psi and high speed	Nitrile, Neoprene, Viton (will shrink some compounds and will dissolve some silicone rubber)
Silicone Grease DC55 (MIL-G- 4343)	-65 to +400°F -54 to +204°C	Vacuum, EXTREME TEMPERATURE Lub.	Nitrile, Butyl, Ethylene, Propylene, Viton, Neoprene
Apiezon N Made in England	+60 to +85°F +15 to +30°C	Vacuum 1 x 10 ⁻⁸	Nitrile, Butyl, Ethylene Propylene, Viton, Neoprene
Skydrol Base Grease Allube	-65 to +200°F -64 to +93°C	Assembly phosphate ester systems	Butyl, Ethylene, Propylene

See section 'R' for Compound Selection Guide

▲ Will not pass through micronic filters.

* May be used in systems having micronic filters.

ASSORTMENT
ASSORTIMENT 805-625

METRIC O-RING SEALS

Made of Nitrile

**36 Sizes
439 Pieces**



Furnished in Large Size, Grey enameled STEEL Drawer, with scooped bins. Drawer will fit into the Slide Racks, shown on page A3.

Shipping Weight: **3.97 kg (8.75 lbs.)**



Page A117

PLASTIKIT
«PLASTIKIT» 804-071

GERMAN METRIC SIZES O-RING SEALS

Nitrile

**28 Sizes
128 Pieces**



Clear durable plastic container with hinged lid. Size: 4-1/2" x 2-3/4" x 1"

Shipping Weight: **.252 kg (1/4 lb.)**



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CATALOG 14

SPAENAUR

Metric

O-Ring Seals / Splicing Kit Assortment - German/Swedish Metric - Nitrile

Métrique

Joint toriques d'étanchéité - nitrile

O-RING

NITRILE (BUNA-N)
Metric CORD STOCK

German Metric Sizes

SPAENAUR No.	Dia. mm	PKG QTY.
825-181	2.	100'
825-182	2.5	100'
825-183	3.	100'
825-184	3.5	100'
825-185	4.	100'
825-186	5.	50'

70 Durometer

Intended Service:
General Purpose
Mineral Oil
Petroleum Oil
Air and Water
Operating Temperature:
-40°C to +121°C

Swedish Metric Sizes

SPAENAUR No.	Dia. mm	PKG QTY.
825-187	1.6	100'
825-188	2.4	100'
825-183	3.0	100'
825-190	5.7	50'
825-191	8.4	50'

Service range:
same as for
German Metric
sizes, listed
above.

METRIC O-RING SPLICING CORD

Solve that problem of **LARGE Metric O-Ring** availability. Now YOU can make any standard size in **German** or **Swedish** cross-section.

ASSORTMENT 805-455

German Metric O-Rings
Cord Stock Refill

9 SIZES, 9 PIECES

Shipping Weight: **1.8 kg** (4 lbs.)



ASSORTMENT 805-456

Swedish Metric O-Rings
Cord Stock Refill

8 SIZES, 8 PIECES

Shipping Weight: **1.9 kg** (4-1/4 lbs.)

Name	Spaenaur No.	Outer Diameter	Hardness	Qty.	Page
O-Ring NITRILE (Buna-N) Metric Cord Stock	825-181	2.0mm	Duro 70	5'	J91
	825-182	2.5mm			
	825-184	3.5mm			
	825-185	4.0mm			
	825-186	5.0mm			
O-Ring-Swedish Metric Sizes		825-183	3.0mm		
Name	Spaenaur No.	Blade Length	Blade Width	Qty.	Page
Razor Blade	877-504	1-1/2"	3/4"	1	J84
Cutting & Splicing Jig	877-505	4"	3/16"		
Name	Spaenaur No.	Weight		Qty.	
Turbo Fuse Super Glue	800-B78-1W	2g		2	

Name	Spaenaur No.	Outer Diameter		Qty.	Page
O-Ring-Swedish Metric Sizes	825-187	1.6mm		5'	J91
	825-188	2.4mm			
	825-183	3.0mm			
	825-190	5.7mm			
	825-191	8.4mm			
Name	Spaenaur No.	Blade Length	Blade Width	Qty.	Page
Razor Blade	877-504	1-1/2"	3/4"	1	J84
Cutting & Splicing Jig	877-505	4"	3/16"		
Name	Spaenaur No.	Weight		Qty.	
Turbo Fuse Super Glue	800-B78-1W	2g		2	

Kit comes in Grey enameled STEEL Drawer. Drawer will fit into the Slide Racks, as shown on page A2.
Size: 13-3/8" x 9-1/4" x 2" Buy your refills by the foot.

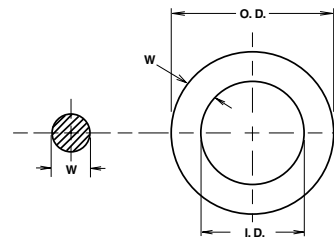
For O-Rings in INCH sizes,
see pages J84-J89.

O-Ring Seals - German Metric / Nitrile

Metric

Jointes toriques d'étanchéité – allemands métriques / nitrile

Métrique



Metric O-Ring Seals of NITRILE (BUNA N)

All rings listed on this page are furnished in 70 Shore A Durometer, NITRILE (Buna N). They are recommended for general purpose sealing, and particularly for use with petroleum oils and fluids, water, silicone greases and oils, di-ester base lubricants and ethylene glycol base fluids. Temperature Range -40°C to +135°C. O-Rings are also widely used for power transmission from small motors. All measurements are in millimetres, and subject to commercial tolerances.

"W" dimension 1.5 mm				"W" dimension 2.5 mm				"W" dimension 3.5 mm			
SPAENAUR No.	I.D.	O.D.	PKG QTY.	SPAENAUR No.	I.D.	O.D.	PKG QTY.	SPAENAUR No.	I.D.	O.D.	PKG QTY.
206-004	4 mm	7 mm	100	206-123	7 mm	12 mm	100	206-569	19 mm	26 mm	50
206-005	5 mm	8 mm	100	206-A02-1K	8 mm	13 mm	100	206-570	20 mm	27 mm	50
206-006	6 mm	9 mm	100	206-109	9 mm	14 mm	100	206-571	21 mm	28 mm	50
206-A01-1T	7 mm	10 mm	100	206-110	10 mm	15 mm	100	206-572	22 mm	29 mm	50
206-008	8 mm	11 mm	100	206-111	11 mm	16 mm	100	206-573	23 mm	30 mm	50
206-009	9 mm	12 mm	100	206-112	12 mm	17 mm	100	206-575	25 mm	32 mm	50
206-010	10 mm	13 mm	100	206-113	13 mm	18 mm	100	206-577	27 mm	34 mm	50
206-011	11 mm	14 mm	100	206-114	14 mm	19 mm	100	206-578	28 mm	35 mm	50
206-012	12 mm	15 mm	100	206-115	15 mm	20 mm	100	206-579	29 mm	36 mm	50
206-013	13 mm	16 mm	100	206-116	16 mm	21 mm	50	206-580	30 mm	37 mm	50
206-014	14 mm	17 mm	100	206-117	17 mm	22 mm	50	206-581	31 mm	38 mm	25
206-015	15 mm	18 mm	100	206-118	18 mm	23 mm	50	206-583	33 mm	40 mm	25
206-016	16 mm	19 mm	100	206-119	19 mm	24 mm	50	206-584	34 mm	41 mm	25
				206-120	20 mm	25 mm	50	206-586	36 mm	43 mm	25
				206-122	29 mm	34 mm	50	206-587	37 mm	44 mm	25
								206-588	38 mm	45 mm	25
"W" dimension 2 mm				"W" dimension 3 mm				"W" dimension 4 mm			
204-003	3 mm	7 mm	100	206-324	10 mm	16 mm	100	204-120	20 mm	28 mm	50
204-004	4 mm	8 mm	100	206-320	17 mm	23 mm	50	204-122	22 mm	30 mm	50
204-A01-1W	5 mm	9 mm	100	206-321	20 mm	26 mm	50	204-124	24 mm	32 mm	50
204-006	6 mm	10 mm	100	206-323	23 mm	29 mm	50	204-125	25 mm	33 mm	50
204-007	7 mm	11 mm	100	206-325	25 mm	31 mm	50	204-128	28 mm	36 mm	25
204-008	8 mm	12 mm	100	206-327	27 mm	33 mm	50	204-130	30 mm	38 mm	25
204-009	9 mm	13 mm	100	206-329	29 mm	35 mm	50				
204-010	10 mm	14 mm	100	206-330	30 mm	36 mm	50				
204-011	11 mm	15 mm	100	206-332	32 mm	38 mm	25				
204-012	12 mm	16 mm	100	206-333	33 mm	39 mm	25				
204-013	13 mm	17 mm	100	206-337	37 mm	43 mm	25				
204-014	14 mm	18 mm	100	206-339	39 mm	45 mm	25				
204-015	15 mm	19 mm	100	206-341	41 mm	47 mm	25				
204-016	16 mm	20 mm	50	206-348	42 mm	48 mm	25				
204-017	17 mm	21 mm	50	206-343	43 mm	49 mm	25				
204-018	18 mm	22 mm	50	206-345	45 mm	51 mm	25				
204-019	19 mm	23 mm	50	206-347	47 mm	53 mm	25				
204-020	20 mm	24 mm	50								
*204-021	32 mm	36 mm	50								
*VITON, Black, Duro 75											

German Metric popular SIZES have been listed above. These are regularly stocked.

Larger or smaller and intermediate sizes are also available. Special materials such as Silicone Rubber, Neoprene Viton, etc., can usually be furnished, subject to special order delay. British BS 4518, Swedish and French Metric range also available.

If you need a special O-Ring for a special purpose, we will do our utmost to supply exactly what you need.

NOTE: Always lubricate the O-Ring and all metal parts which come in contact with it. Generally, the liquid being sealed will provide adequate lubrication. See "O-Ring Lubricants" — Page J90.

See also O-Ring Splicing Cord and Kits - on Pages J84 and J91.
For Inch sizes, see Pages J84-J89.

