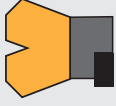




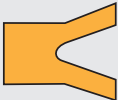
**SEALING PARTNER**  
— TOP-OSA OY —

# Sisällysluettelo

## VARRENTIIVISTEET

|                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |  |
| <b>VBS</b> 8                                                                      | <b>VBUF</b> 10                                                                    | <b>VB</b> 11                                                                      | <b>VGC</b> 13                                                                     | <b>VBU/VBD</b> 14                                                                   | <b>VN...C1</b> 15                                                                   |
|  |  |  |  |  |  |
| <b>VSM</b> 16                                                                     | <b>VROTOR</b> 17                                                                  | <b>IPO</b> 18                                                                     | <b>S8</b> 20                                                                      | <b>KT</b> 21                                                                        | <b>MGD</b> 22                                                                       |
|  |  |  |  |  |  |
| <b>T20</b> 23                                                                     | <b>VUN</b> 24                                                                     | <b>TDI</b> 26                                                                     | <b>M17</b> 27                                                                     | <b>M19</b> 27                                                                       | <b>TRU</b> 28                                                                       |

## VARREN- JA MÄNNÄNTIIVISTEET

|                                                                                     |                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| <b>VPA</b> 30                                                                       | <b>N</b> 32                                                                         | <b>UN</b> 34                                                                        |

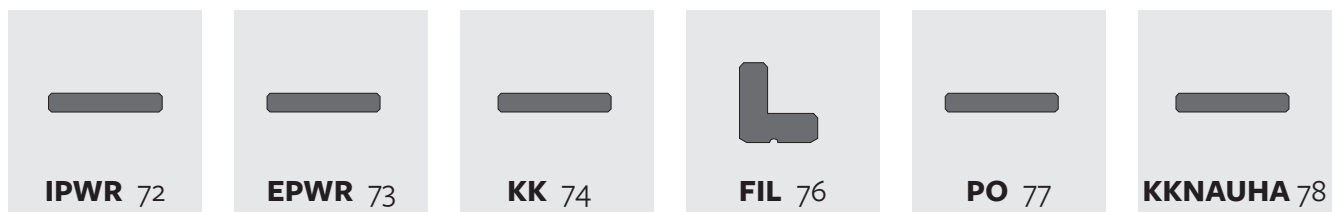
## MÄNNÄNTIIVISTEET

|                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |  |
| <b>MT5</b> 38                                                                       | <b>MT3</b> 40                                                                       | <b>MOK</b> 41                                                                       | <b>MKR</b> 42                                                                       | <b>MKR-OR</b> 42                                                                      | <b>MPDH</b> 44                                                                        |
|  |  |  |  |  |  |
| <b>MGDP</b> 45                                                                      | <b>MG18</b> 46                                                                      | <b>MWKR</b> 47                                                                      | <b>MN..C2</b> 48                                                                    | <b>MUN</b> 49                                                                         | <b>MAQ</b> 50                                                                         |
|  |  |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
| <b>MROTOR</b> 51                                                                    | <b>EPO</b> 52                                                                       |                                                                                     |                                                                                     |                                                                                       |                                                                                       |

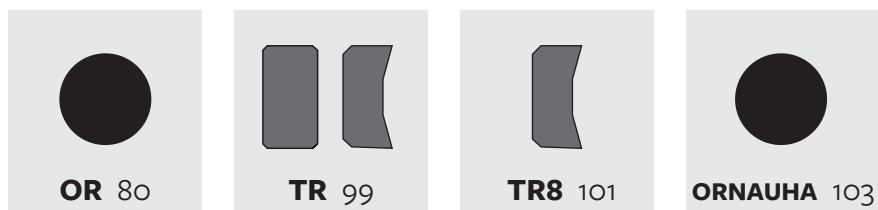
## PYYHKIJÄT



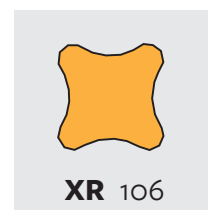
## OHJAIMET



## O-RENKAAT JA TUKIRENKAAT



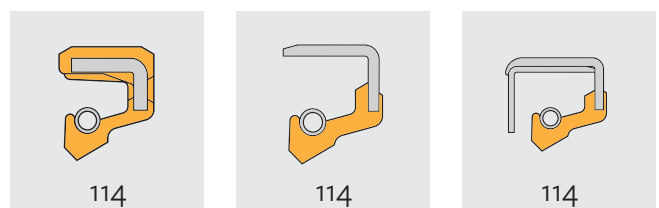
## X-RENKAAT



## STAATTISET TIIVISTEET



## AKSELITIIVISTEET



Profiileissa näkyvät värit ovat vain esimerkkejä, profiileja on saatavilla useilla eri materiaaleilla.

Vakioprofiilien lisäksi pystymme valmistamaan myös useita erilaisia profiileita, useista eri materiaaleista asiakkaiden tarpeiden mukaan.

## materiaalit

| materiaalit               |                                                   | väri                                                                                                                                                                                                                                                         | shore a/d<br>kovuus | toiminta-<br>lämpötila °C |      |
|---------------------------|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------------|------|
|                           |                                                   |                                                                                                                                                                                                                                                              |                     | Min.                      | Max. |
| Elastomers, polyurethanes |                                                   |                                                                                                                                                                                                                                                              |                     |                           |      |
| ECOPUR®                   | Polyurethane (TPU)                                |                                                                                                                                                                            | 95/48               | -30                       | 110  |
| H-ECOPUR™                 | Polyurethane (TPU)                                |                                                                                                                                                                            | 95/48               | -20                       | 110  |
| S-ECOPUR™                 | Polyurethane (TPU)                                |                                                                                                                                                                            | 95/48               | -20                       | 110  |
| T-ECOPUR™                 | Polyurethane (TPU)                                |                                                                                                                                                                            | 95/48               | -50                       | 110  |
| G-ECOPUR™                 | Polyurethane (TPU)                                |                                                                                                                                                                            | 95/47               | -30                       | 110  |
| X-ECOPUR™                 | Hard grade polyurethane (TPU)                     |                                                                                                                                                                            | 97/57               | -30                       | 110  |
| XH-ECOPUR™                | Hard grade polyurethane (TPU)                     |                                                                                                                                                                           | 97/60               | -20                       | 110  |
| XS-ECOPUR™                | Hard grade polyurethane (TPU)                     |                                                                                                                                                                          | 96/57               | -20                       | 110  |
| Elastomers, rubber        |                                                   |                                                                                                                                                                                                                                                              |                     |                           |      |
| SKF Ecurubber-H           | Hydrogenated NBR (H-NBR)                          |                                                                                                                                                                          | 85/-                | -25                       | 150  |
| SKF Ecorubber-1           | Acrylonitrile butadiene rubber (NBR)              |                                                                                                                                                                          | 85/-                | -30                       | 100  |
| SKF Ecorubber-2           | Fluorocarbonate rubber (FKM)                      |                                                                                       | 83/-                | -20                       | 200  |
| SKF Ecorubber-3           | Ethylene propylene diene rubber (EPDM)            |                                                                                       | 85/-                | -50                       | 150  |
| SKF Ecosil                | Silicone rubber (MVQ)                             |                                                                                                                                                                          | 85/-                | -60                       | 200  |
| SKF Ecoflas               | Tetrafluoroethylene propylene rubber (TFE/P)      |                                                                                                                                                                          | 83/-                | -10                       | 200  |
| Thermoplastics            |                                                   |                                                                                                                                                                                                                                                              |                     |                           |      |
| SKF Ecotal                | Polyacetal (POM)                                  |    |                     | -50 8                     | 0    |
| SKF Ecoflon 1             | Polytetrafluoroethylene (PTFE)                    |                                                                                                                                                                          | -/57                | -200                      | 260  |
| SKF Ecoflon 2             | Polytetrafluoroethylene + 15 % glass + 5 % MoS2   |                                                                                                                                                                          | -/60                | -200                      | 260  |
| SKF Ecoflon 3             | Polytetrafluoroethylene + 40 % bronze             |                                                                                                                                                                          | -/64                | -200                      | 260  |
| SKF Ecoflon 3F            | Polytetrafluoroethylene + 40 % bronze + add.      |                                                                                                                                                                          | -/64                | -200                      | 260  |
| SKF Ecoflon 4             | Polytetrafluoroethylene + 25 % carbon             |                                                                                                                                                                          | -/65                | -200                      | 260  |
| SKF Ecomid                | Polyamide (PA)                                    |    | -/77                | -40                       | 100  |
| SKF Ecowear               | Ultra-High Molecular Weight Polyethylene (UHMWPE) |                                                                                        |                     | -200 7                    | 0    |
| SKF Ecopaek               | Polyaryletherketone (PEEK)                        |                                                                                                                                                                           | -/86                | -60                       | 250  |

Oheisessa listassa ovat yleisimmin käytetyt tiivistemateriaalit. Jos et löydä etsimääsi, kysy muita vaihtoehtojamme.

# MÄNNÄNTIIVISTEET

|                                                                                     |        |                                                                                     |         |                                                                                     |       |
|-------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------|-------|
|    | Ko1-P  |    | Ko6-R   |    | K16-B |
|    | Ko1-PE |    | Ko7-P   |    | K17-P |
|    | Ko1-R  |    | Ko7-F   |    | K17-R |
|    | Ko1-RE |    | Ko8-E   |    | K19-F |
|    | Ko2-P  |    | Ko8-ES  |    | K20-R |
|    | Ko2-PD |    | Ko8-D   |    | K21-P |
|    | Ko2-R  |    | Ko8-DS  |    | K22-P |
|  | Ko2-RD |  | Ko8-P   |  | K22-R |
|  | Ko3-P  |  | Ko9-N   |  | K23-N |
|  | Ko3-F  |  | Ko9-H   |  | K23-H |
|  | Ko3-S  |  | Ko9-D   |  | K23-D |
|  | Ko4-P  |  | Ko9-F   |  | K23-F |
|  | Ko4-PD |  | K1012-T |  | K24-P |
|  | Ko5-P  |  | K1012-M |  | K32-P |
|  | Ko5-R  |  | K1315-T |  | K35-P |
|  | Ko6-P  |  | K16-A   |  | K36   |

# PYYHKIJÄT

|                                                                                      |       |                                                                                       |       |
|--------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------------------------|-------|
|    | Ao1-A |    | A10-A |
|    | Ao1-B |    | A11-A |
|    | Ao2-A |    | A11-I |
|    | Ao2-B |    | A12-A |
|    | Ao2-I |    | A12-B |
|    | Ao3-A |    | A13-A |
|    | Ao4-A |    | A25-F |
|  | Ao4-B |  | A26-F |
|  | Ao5-A |  | A27-F |
|  | Ao5-B |                                                                                       |       |
|  | Ao5-I |                                                                                       |       |
|  | Ao6-A |                                                                                       |       |
|  | Ao7-A |                                                                                       |       |
|  | Ao8-A |                                                                                       |       |
|  | Ao8-B |                                                                                       |       |
|  | Ao9-A |                                                                                       |       |

# VARRENTIIVISTEET

|                                                                                     |        |                                                                                     |         |                                                                                     |         |
|-------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------|---------|
|    | S01-P  |    | S07-P   |    | S17-R   |
|    | S01-R  |    | S07-F   |    | S18-P   |
|    | S02-P  |    | S08-P   |    | S18-R   |
|    | S02-PD |    | S08-PE  |    | S19-F   |
|    | S02-R  |    | S08-R   |    | S20-R   |
|    | S02-RD |    | S09-E   |    | S21-P   |
|    | S02-S  |    | S09-ES  |    | S22-P   |
|   | S03-P  |   | S09-D   |   | S22-R   |
|  | S03-F  |  | S09-DS  |  | S24-P   |
|  | S03-S  |  | S09-P   |  | S2527-F |
|  | S04-P  |  | S1012-T |  | S2931-F |
|  | S04-PD |  | S1012-M |  | S32-P   |
|  | S05-P  |  | S1315-T |  | S35-P   |
|  | S05-R  |  | S16-A   |                                                                                     |         |
|  | S06-P  |  | S16-B   |                                                                                     |         |
|  | S06-R  |  | S17-P   |                                                                                     |         |

# AKSELIIVISTEET

|                                                                                     |        |                                                                                       |        |
|-------------------------------------------------------------------------------------|--------|---------------------------------------------------------------------------------------|--------|
|    | R01-P  |    | R08-A  |
|    | R01-R  |    | R09-F  |
|    | R01-AF |    | R09-FS |
|    | R01-AS |    | R10-F  |
|    | R01-F  |    | R10-FS |
|    | R02-P  |    | R11-F  |
|    | R02-R  |    | R12-F  |
|   | R03-P  |   | R13    |
|  | R03-R  |  | R14    |
|  | R04-A  |  | R15-P  |
|  | R05-A  |  | R16    |
|  | R06-P  |  | R19-F  |
|  | R06-R  |  | R20-P  |
|  | R07-P  |  | R30-A  |
|  | R07-R  |  | R35-A  |

# OHJAUSRENKAAT

|                                                                                      |     |
|--------------------------------------------------------------------------------------|-----|
|   | F01 |
|   | F02 |
|   | F03 |
|   | F04 |
|   | F05 |
|   | F06 |
|   | F07 |
|  | F08 |

# TUKIRENKAAT

|                                                                                       |      |
|---------------------------------------------------------------------------------------|------|
|  | ST08 |
|  | ST09 |
|  | ST10 |
|  | ST11 |
|  | ST12 |
|  | ST13 |

# Varrentiivisteet



**VBS** 8



**VBUF** 10



**VB** 11



**VGC** 13



**VBU/VBD** 14



**VN...C1** 15



**VSM** 16



**VROTOR** 17



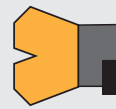
**IPO** 18



**S8** 20



**KT** 21



**MGD** 22



**T20** 23



**VUN** 24



**TDI** 26



**M17** 27

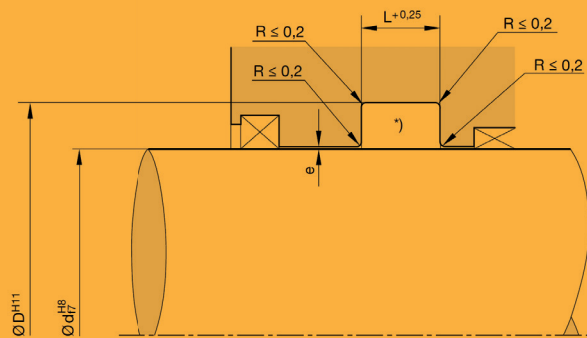
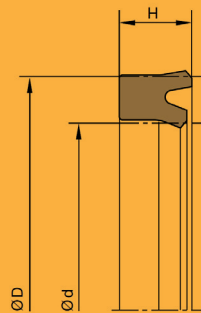
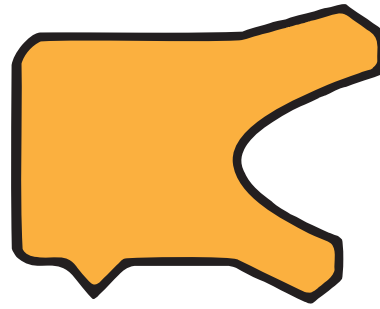


**M19** 27



**TRU** 28

# VBS

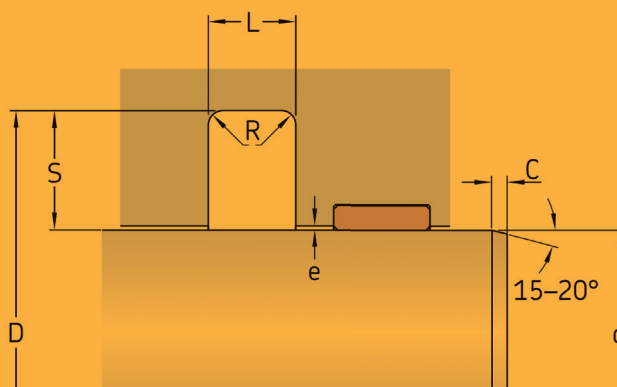


## OMINAISUUDET

|            |               |
|------------|---------------|
| Materiaali | Polyuretaani  |
| Paine      | 400bar        |
| Nopeus     | 0,5 m/s       |
| Lämpötila  | -35 – +110 °C |

| Tuotekoodi          | d     | D     | H    |                    |      |       |      |                 |     |     |      |
|---------------------|-------|-------|------|--------------------|------|-------|------|-----------------|-----|-----|------|
| VBS12X20X5,7        | 12    | 20    | 5,7  | VBS45X60X11,4      | 45   | 60    | 11,4 | VBS80X90X12     | 80  | 90  | 12   |
| VBS14X22X5,7        | 14    | 22    | 5,7  | VBS48X60X10        | 48   | 60    | 10   | VBS80X90X9      | 80  | 90  | 9    |
| VBS16X24X5,8        | 16    | 24    | 5,8  | VBS50,8X66,67X7,93 | 50,8 | 66,67 | 7,93 | VBS80X95X11,4   | 80  | 95  | 11,4 |
| VBS16X24X7          | 16    | 24    | 7    | VBS50X58X8         | 50   | 58    | 8    | VBS85X100X10    | 85  | 100 | 10   |
| VBS16X26X7,3        | 16    | 26    | 7,3  | VBS50X60X10        | 50   | 60    | 10   | VBS85X100X12    | 85  | 100 | 12   |
| VBS20X28X5,7        | 20    | 28    | 5,7  | VBS50X60X12        | 50   | 60    | 12   | VBS90X100X11,5  | 90  | 100 | 11,5 |
| VBS20X30X4,8        | 20    | 30    | 4,8  | VBS50X60X7,3       | 50   | 60    | 7,3  | VBS90X105X10    | 90  | 105 | 10   |
| VBS20X30X7,3        | 20    | 30    | 7,3  | VBS50X65X10        | 50   | 65    | 10   | VBS90X105X11,4  | 90  | 105 | 11,4 |
| VBS22X30X5,7        | 22    | 30    | 5,7  | VBS50X65X11,4      | 50   | 65    | 11,4 | VBS90X105X12    | 90  | 105 | 12   |
| VBS22X32X6          | 22    | 32    | 6    | VBS52X62X10        | 52   | 62    | 10   | VBS90X105X9     | 90  | 105 | 9    |
| VBS22X32X7,3        | 22    | 32    | 7,3  | VBS55X63X8         | 55   | 63    | 8    | VBS90X110X12    | 90  | 110 | 12   |
| VBS24X30X4,5        | 24    | 30    | 4,5  | VBS55X65X10        | 55   | 65    | 10   | VBS100X110X12   | 100 | 110 | 12   |
| VBS25X33X4,5        | 25    | 33    | 4,5  | VBS55X65X12        | 55   | 65    | 12   | VBS100X110X14   | 100 | 110 | 14   |
| VBS25X33X5,7        | 25    | 33    | 5,7  | VBS55X68X10        | 55   | 68    | 10   | VBS100X115X10   | 100 | 115 | 10   |
| VBS25X33X6,5        | 25    | 33    | 6,5  | VBS56X66X10        | 56   | 66    | 10   | VBS100X120X12   | 100 | 120 | 12   |
| VBS25X35X7,3        | 25    | 35    | 7,3  | VBS56X71X10        | 56   | 71    | 10   | VBS100X120X14,5 | 100 | 120 | 14,5 |
| VBS28X36X7,3        | 28    | 36    | 7,3  | VBS56X71X11,4      | 56   | 71    | 11,4 | VBS105X115X11,5 | 105 | 115 | 11,5 |
| VBS28X38X7,3        | 28    | 38    | 7,3  | VBS60X68X11,4      | 60   | 68    | 11,4 | VBS105X120X10   | 105 | 120 | 10   |
| VBS30X38X5,7        | 30    | 38    | 5,7  | VBS60X70X10        | 60   | 70    | 10   | VBS105X125X12   | 105 | 125 | 12   |
| VBS30X40X10         | 30    | 40    | 10   | VBS60X70X11,5      | 60   | 70    | 11,5 | VBS110X125X14,5 | 110 | 125 | 14,5 |
| VBS30X40X7,3        | 30    | 40    | 7,3  | VBS60X70X7,3       | 60   | 70    | 7,3  | VBS110X130X14,5 | 110 | 130 | 14,5 |
| VBS30X45X10         | 30    | 45    | 10   | VBS60X73X10        | 60   | 73    | 10   | VBS120X128X11,5 | 120 | 128 | 11,5 |
| VBS32X40X5,7        | 32    | 40    | 5,7  | VBS60X75X10        | 60   | 75    | 10   | VBS120X135X9    | 120 | 135 | 9    |
| VBS32X42X10         | 32    | 42    | 10   | VBS60X75X11,4      | 60   | 75    | 11,4 | VBS125X145X12   | 125 | 145 | 12   |
| VBS32X42X7          | 32    | 42    | 7    | VBS60X75X12        | 60   | 75    | 12   | VBS125X150X14   | 125 | 150 | 14   |
| VBS35X45X10         | 35    | 45    | 10   | VBS60X75X9         | 60   | 75    | 9    | VBS130X150X12   | 130 | 150 | 12   |
| VBS35X45X7          | 35    | 45    | 7    | VBS60X80X12        | 60   | 80    | 12   | VBS140X150X11,5 | 140 | 150 | 11,5 |
| VBS36X44X6          | 36    | 44    | 6    | VBS63,5X76,2X9,52  | 63,5 | 76,2  | 9,52 | VBS140X160X12   | 140 | 160 | 12   |
| VBS36X46X10         | 36    | 46    | 10   | VBS63X73X12        | 63   | 73    | 12   | VBS140X160X15   | 140 | 160 | 15   |
| VBS36X46X7,3        | 36    | 46    | 7,3  | VBS63X75X10        | 63   | 75    | 10   | VBS150X170X15   | 150 | 170 | 15   |
| VBS36X51X10         | 36    | 51    | 10   | VBS63X75X8,5       | 63   | 75    | 8,5  | VBS180X195X12,5 | 180 | 195 | 12,5 |
| VBS38,1X47,62X9,52  | 38,1  | 47,62 | 9,52 | VBS63X75X8,6       | 63   | 75    | 8,6  | VBS180X200X15   | 180 | 200 | 15   |
| VBS38X46X10         | 38    | 46    | 10   | VBS63X78X10        | 63   | 78    | 10   |                 |     |     |      |
| VBS40X48X5,7        | 40    | 48    | 5,7  | VBS63X78X11,4      | 63   | 78    | 11,4 |                 |     |     |      |
| VBS40X50X10         | 40    | 50    | 10   | VBS63X83X13,5      | 63   | 83    | 13,5 |                 |     |     |      |
| VBS40X50X6          | 40    | 50    | 6    | VBS65X75X12        | 65   | 75    | 12   |                 |     |     |      |
| VBS40X50X7,3        | 40    | 50    | 7,3  | VBS65X80X12        | 65   | 80    | 12   |                 |     |     |      |
| VBS40X55X10         | 40    | 55    | 10   | VBS69,8X82,5X9,5   | 69,8 | 82,5  | 9,5  |                 |     |     |      |
| VBS40X55X11,4       | 40    | 55    | 11,4 | VBS70X80X11,5      | 70   | 80    | 11,5 |                 |     |     |      |
| VBS44,45X53,97X6,35 | 44,45 | 53,97 | 6,35 | VBS70X80X9         | 70   | 80    | 9    |                 |     |     |      |
| VBS44,45X53,97X9,52 | 44,45 | 53,97 | 9,52 | VBS70X83X10        | 70   | 83    | 10   |                 |     |     |      |
| VBS45X53X11,4       | 45    | 53    | 11,4 | VBS70X85X10        | 70   | 85    | 10   |                 |     |     |      |
| VBS45X53X5,6        | 45    | 53    | 5,6  | VBS70X85X11,4      | 70   | 85    | 11,4 |                 |     |     |      |
| VBS45X55X10         | 45    | 55    | 10   | VBS75X85X11,5      | 75   | 85    | 11,5 |                 |     |     |      |
| VBS45X55X6          | 45    | 55    | 6    | VBS75X88X10        | 75   | 88    | 10   |                 |     |     |      |
| VBS45X55X7,3        | 45    | 55    | 7,3  | VBS75X90X10        | 75   | 90    | 10   |                 |     |     |      |
| VBS45X60X10         | 45    | 60    | 10   | VBS75X90X11,4      | 75   | 90    | 11,4 |                 |     |     |      |
|                     |       |       |      | VBS80X100X12       | 80   | 100   | 12   |                 |     |     |      |

# VBUF

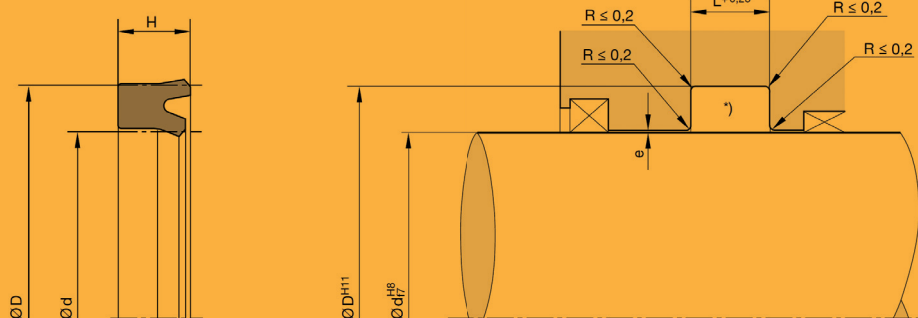
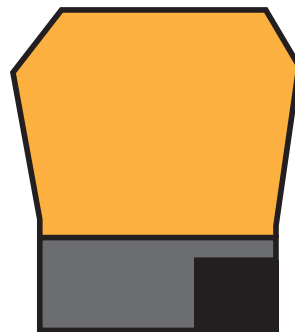


## OMINAISUUDET

|            |                           |
|------------|---------------------------|
| Materiaali | Polyuretaani/Polyasetaali |
| Paine      | 400bar                    |
| Nopeus     | 1,0 m/s                   |
| Lämpötila  | -30 – +100 °C             |

| Tuotekoodi    | d  | D    | H |                 |     |       |   |
|---------------|----|------|---|-----------------|-----|-------|---|
| VBUF40X55,5X6 | 40 | 55,5 | 6 | VBUF85X100,5X6  | 85  | 100,5 | 6 |
| VBUF45X60,5X6 | 45 | 60,5 | 6 | VBUF90X105,5X6  | 90  | 105,5 | 6 |
| VBUF50X65,5X6 | 50 | 65,5 | 6 | VBUF95X110,5X6  | 95  | 110,5 | 6 |
| VBUF55X70,5X6 | 55 | 70,5 | 6 | VBUF100X115,5X6 | 100 | 115,5 | 6 |
| VBUF56X71,1X6 | 56 | 71,1 | 6 | VBUF105X120,5X6 | 105 | 120,5 | 6 |
| VBUF60X75,5X6 | 60 | 75,5 | 6 | VBUF110X125,5X6 | 110 | 125,5 | 6 |
| VBUF63X78,5X6 | 63 | 78,5 | 6 | VBUF115X130,5X6 | 115 | 130,5 | 6 |
| VBUF65X80,5X6 | 65 | 80,5 | 6 | VBUF120X135,5X6 | 120 | 135,5 | 6 |
| VBUF70X85,5X6 | 70 | 85,5 | 6 | VBUF130X145,5X6 | 130 | 145,5 | 6 |
| VBUF75X90,5X6 | 75 | 90,5 | 6 | VBUF140X155,5X6 | 140 | 155,5 | 6 |
| VBUF80X95,5X6 | 80 | 95,5 | 6 | VBUF180X195,5X6 | 180 | 195,5 | 6 |

# VB



## OMINAISUUDET

Materiaali Nitrilikumi/Kudos/Polyasetaali  
 Paine 400bar  
 Nopeus 0,5 m/s  
 Lämpötila -30 – +110 °C

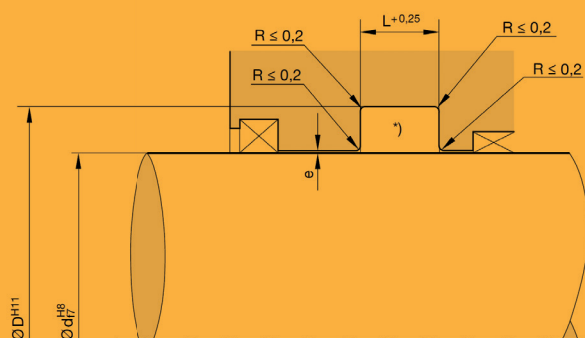
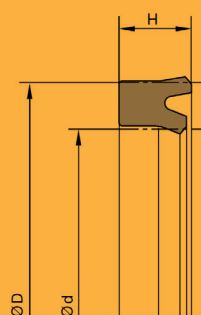
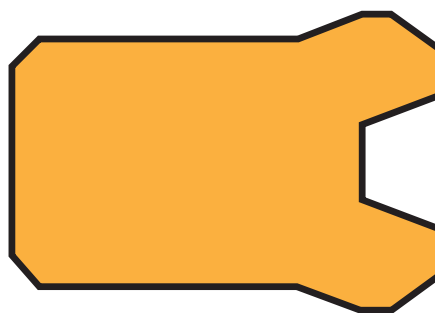
| Tuotekoodi      | d    | D    | H   | VB35X45X10   | 35 | 45 | 10   |
|-----------------|------|------|-----|--------------|----|----|------|
| VB20X27X6       | 20   | 27   | 6   | VB35X45X7,5  | 35 | 45 | 7,5  |
| VB20X28X5,8     | 20   | 28   | 5,8 | VB35X50X11,5 | 35 | 50 | 11,5 |
| VB20X30X8       | 20   | 30   | 8   | VB36X46X8    | 36 | 46 | 8    |
| VB20X32X9,5     | 20   | 32   | 9,5 | VB40X48X6    | 40 | 48 | 6    |
| VB22X32X7,5     | 22   | 32   | 7,5 | VB40X50X10   | 40 | 50 | 10   |
| VB22X35X9,5     | 22   | 35   | 9,5 | VB40X50X7    | 40 | 50 | 7    |
| VB25X35X8,5     | 25   | 35   | 8,5 | VB40X52X10,5 | 40 | 52 | 10,5 |
| VB25X38X9,5     | 25   | 38   | 9,5 | VB40X52X9    | 40 | 52 | 9    |
| VB28X38X7,5     | 28   | 38   | 7,5 | VB40X55X10,5 | 40 | 55 | 10,5 |
| VB28X41X10      | 28   | 41   | 10  | VB40X55X7,5  | 40 | 55 | 7,5  |
| VB30X38X6       | 30   | 38   | 6   | VB40X60X10,5 | 40 | 60 | 10,5 |
| VB30X40X10      | 30   | 40   | 10  | VB45X55X10,5 | 45 | 55 | 10,5 |
| VB30X40X7       | 30   | 40   | 7   | VB45X55X7,5  | 45 | 55 | 7,5  |
| VB30X45X9       | 30   | 45   | 9   | VB45X60X10   | 45 | 60 | 10   |
| VB32X40X8,5     | 32   | 40   | 8,5 | VB45X63X10,5 | 45 | 63 | 10,5 |
| VB32X42X8       | 32   | 42   | 8   | VB45X65X14   | 45 | 65 | 14   |
| VB32X45X9,5     | 32   | 45   | 9,5 | VB50X60X10   | 50 | 60 | 10   |
| VB34,9X50,8X8,5 | 34,9 | 50,8 | 8,5 | VB50X60X14   | 50 | 60 | 14   |

# VB

|                    |       |       |      |
|--------------------|-------|-------|------|
| VB50X60X7,5        | 50    | 60    | 7,5  |
| VB50X62X9,5        | 50    | 62    | 9,5  |
| VB50X65X10,5       | 50    | 65    | 10,5 |
| VB50X70X14         | 50    | 70    | 14   |
| VB55X65X10,5       | 55    | 65    | 10,5 |
| VB55X75X14         | 55    | 75    | 14   |
| VB56X71X10         | 56    | 71    | 10   |
| VB56X71X12         | 56    | 71    | 12   |
| VB56X76X14         | 56    | 76    | 14   |
| VB57,15X69,85X9,52 | 57,15 | 69,85 | 9,52 |
| VB60X70X10,5       | 60    | 70    | 10,5 |
| VB60X70X12,5       | 60    | 70    | 12,5 |
| VB60X72X9,5        | 60    | 72    | 9,5  |
| VB60X75X12,5       | 60    | 75    | 12,5 |
| VB60X80X14         | 60    | 80    | 14   |
| VB63X75X10,5       | 63    | 75    | 10,5 |
| VB63X83X14         | 63    | 83    | 14   |
| VB65X75X13         | 65    | 75    | 13   |
| VB65X80X12         | 65    | 80    | 12   |
| VB65X85X14         | 65    | 85    | 14   |
| VB70X80X12,5       | 70    | 80    | 12,5 |
| VB70X84X12         | 70    | 84    | 12   |
| VB70X85X12         | 70    | 85    | 12   |
| VB70X90X14         | 70    | 90    | 14   |
| VB75X85X10,5       | 75    | 85    | 10,5 |

|                |     |     |      |
|----------------|-----|-----|------|
| VB75X85X12     | 75  | 85  | 12   |
| VB75X95X14     | 75  | 95  | 14   |
| VB80X100X12    | 80  | 100 | 12   |
| VB80X100X14    | 80  | 100 | 14   |
| VB80X90X12,5   | 80  | 90  | 12,5 |
| VB80X95X10     | 80  | 95  | 10   |
| VB80X95X11,5   | 80  | 95  | 11,5 |
| VB80X95X12,5   | 80  | 95  | 12,5 |
| VB80X96X10     | 80  | 96  | 10   |
| VB90X100X10,5  | 90  | 100 | 10,5 |
| VB90X105X12    | 90  | 105 | 12   |
| VB90X110X12    | 90  | 110 | 12   |
| VB100X113X13   | 100 | 113 | 13   |
| VB100X115X12   | 100 | 115 | 12   |
| VB100X120X14   | 100 | 120 | 14   |
| VB110X130X12   | 110 | 130 | 12   |
| VB115X135X15,5 | 115 | 135 | 15,5 |
| VB120X140X12   | 120 | 140 | 12   |
| VB125X150X14   | 125 | 150 | 14   |
| VB140X160X12   | 140 | 160 | 12   |
| VB150X170X14   | 150 | 170 | 14   |
| VB160X180X14   | 160 | 180 | 14   |
| VB180X200X14   | 180 | 200 | 14   |
| VB200X220X14,5 | 200 | 220 | 14,5 |

# VGC

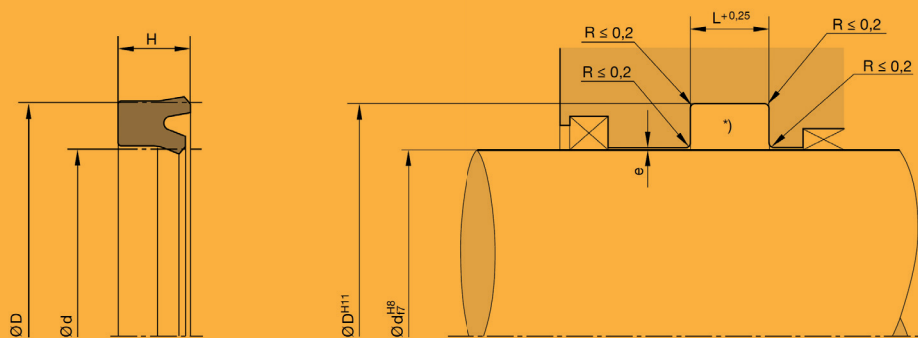
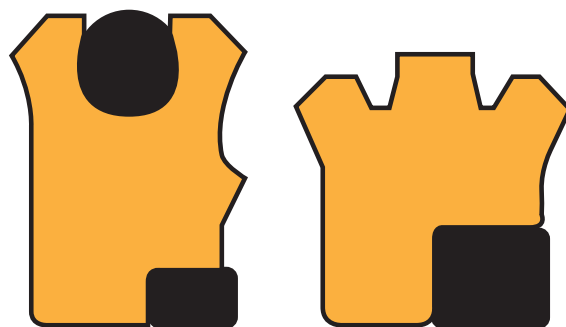


## OMINAISUUDET

Materiaali Polyuretaani  
Paine 400bar  
Nopeus 0,5 m/s  
Lämpötila -35 – +10 °C

| Tuotekoodi   | d  | D  | H   |                |     |     |      |
|--------------|----|----|-----|----------------|-----|-----|------|
| VGC12X19X5   | 12 | 19 | 5   | VGC45X53X8     | 45  | 53  | 8    |
| VGC18X25X5   | 18 | 25 | 5   | VGC45X55X7,3   | 45  | 55  | 7,3  |
| VGC18X26X5,7 | 18 | 26 | 5,7 | VGC50X58X8     | 50  | 58  | 8    |
| VGC20X26X5   | 20 | 26 | 5   | VGC50X60X10    | 50  | 60  | 10   |
| VGC22X30X7   | 22 | 30 | 7   | VGC50X60X7,3   | 50  | 60  | 7,3  |
| VGC22X32X8   | 22 | 32 | 8   | VGC50X65X10    | 50  | 65  | 10   |
| VGC25X33X5,7 | 25 | 33 | 5,7 | VGC55X63X8     | 55  | 63  | 8    |
| VGC28X36X5,7 | 28 | 36 | 5,7 | VGC55X65X7,2   | 55  | 65  | 7,2  |
| VGC30X38X5,7 | 30 | 38 | 5,7 | VGC56X64X8     | 56  | 64  | 8    |
| VGC30X38X8   | 30 | 38 | 8   | VGC56X71X8,5   | 56  | 71  | 8,5  |
| VGC32X40X8   | 32 | 40 | 8   | VGC60X68X8     | 60  | 68  | 8    |
| VGC32X42X7,3 | 32 | 42 | 7,3 | VGC60X70X7,5   | 60  | 70  | 7,5  |
| VGC32X42X8   | 32 | 42 | 8   | VGC60X72X9     | 60  | 72  | 9    |
| VGC35X43X6   | 35 | 43 | 6   | VGC63X78X11,4  | 63  | 78  | 11,4 |
| VGC35X45X7   | 35 | 45 | 7   | VGC65X73X8     | 65  | 73  | 8    |
| VGC36X44X5,7 | 36 | 44 | 5,7 | VGC70X78X8     | 70  | 78  | 8    |
| VGC36X44X7   | 36 | 44 | 7   | VGC70X80X6,5   | 70  | 80  | 6,5  |
| VGC36X44X8   | 36 | 44 | 8   | VGC70X82X9     | 70  | 82  | 9    |
| VGC36X46X7,3 | 36 | 46 | 7,3 | VGC80X88X8     | 80  | 88  | 8    |
| VGC40X48X8   | 40 | 48 | 8   | VGC90X100X6,5  | 90  | 100 | 6,5  |
| VGC40X50X7,3 | 40 | 50 | 7,3 | VGC90X98X8     | 90  | 98  | 8    |
| VGC45X53X5,7 | 45 | 53 | 5,7 | VGC105X113X6,5 | 105 | 113 | 6,5  |

# VBU/VBD

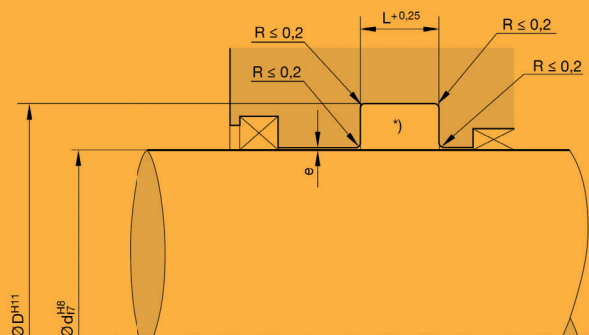
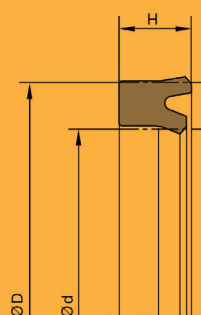
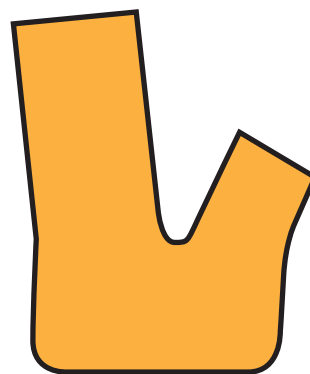


## OMINAISUUDET

Materiaali Polyuretaani/Polyasetaali/Nitriilikumi  
 Paine 500bar  
 Nopeus 0,5 m/s  
 Lämpötila -35 – +110 °C

| Tuotekoodi      | d   | D   | H    |
|-----------------|-----|-----|------|
| VBD40X55X11,4   | 40  | 55  | 11,4 |
| VBD60X75X11,4   | 60  | 75  | 11,4 |
| VBD63X78X11,5   | 63  | 78  | 11,5 |
| VBD70X85X11,4   | 70  | 85  | 11,4 |
| VBU70X85X8,5    | 70  | 85  | 8,5  |
| VBD75X90X11,4   | 75  | 90  | 11,4 |
| VBU75X90X8,5    | 75  | 90  | 8,5  |
| VBD80X95X11,4   | 80  | 95  | 11,4 |
| VBU80X95X8,5    | 80  | 95  | 8,5  |
| VBD90X105X11,4  | 90  | 105 | 11,4 |
| VBU90X105X8,5   | 90  | 105 | 8,5  |
| VBD100X115X12   | 100 | 115 | 12   |
| VBD100X125X15   | 100 | 125 | 15   |
| VBU110X130X11,4 | 110 | 130 | 11,4 |
| VBD160X180X14,5 | 160 | 180 | 14,5 |
| VBD170X190X14,5 | 170 | 190 | 14,5 |

# VN...C1

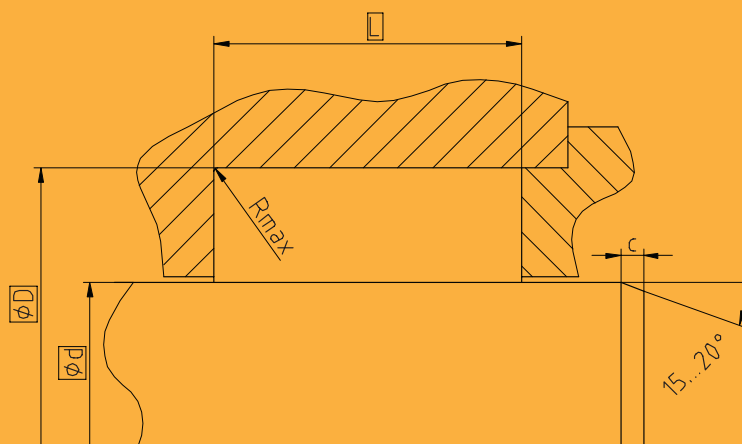


## OMINAISUUDET

|            |                             |                             |
|------------|-----------------------------|-----------------------------|
| Materiaali | Nitrilikumi                 |                             |
| Paine      | 16obar hydraulikassa        | 16bar pneumatiikassa        |
| Nopeus     | 0,5 m/s hydraulikassa       | 1,0 m/s pneumatiikassa      |
| Lämpötila  | -35 – +100 °C hydraulikassa | -35 – +80 °C pneumatiikassa |

| Tuotekoodi    | d  | D  | H   |                |     |     |     |
|---------------|----|----|-----|----------------|-----|-----|-----|
| VN4X9X3,5C1   | 4  | 9  | 3,5 | VN30X38X5,5C1  | 30  | 38  | 5,5 |
| VN6X10X3C1    | 6  | 10 | 3   | VN30X40X7C1    | 30  | 40  | 7   |
| VN6X12X4C1    | 6  | 12 | 4   | VN32X42X7C1    | 32  | 42  | 7   |
| VN8X16X5,5C1  | 8  | 16 | 5,5 | VN32X48X8C1    | 32  | 48  | 8   |
| VN10X16X4,5C1 | 10 | 16 | 4,5 | VN40X50X7C1    | 40  | 50  | 7   |
| VN10X18X5,5C1 | 10 | 18 | 5,5 | VN45X55X7C1    | 45  | 55  | 7   |
| VN12X19X4,5C1 | 12 | 19 | 4,5 | VN55X65X7,3C1  | 55  | 65  | 7,3 |
| VN14X22X5,5C1 | 14 | 22 | 5,5 | VN60X72X8,5C1  | 60  | 72  | 8,5 |
| VN16X24X5,5C1 | 16 | 24 | 5,5 | VN63X75X8,5C1  | 63  | 75  | 8,5 |
| VN18X25X5,5C1 | 18 | 25 | 5,5 | VN65X77X8,5C1  | 65  | 77  | 8,5 |
| VN18X26X5,5C1 | 18 | 26 | 5,5 | VN70X82X8,5C1  | 70  | 82  | 8,5 |
| VN20X28X5,5C1 | 20 | 28 | 5,5 | VN80X92X8,5C1  | 80  | 92  | 8,5 |
| VN20X30X7C1   | 20 | 30 | 7   | VN80X95X10C1   | 80  | 95  | 10  |
| VN22X30X5,5C1 | 22 | 30 | 5,5 | VN90X105X10C1  | 90  | 105 | 10  |
| VN25X33X5,5C1 | 25 | 33 | 5,5 | VN95X110X10C1  | 95  | 110 | 10  |
| VN25X35X7C1   | 25 | 35 | 7   | VN100X110X7C1  | 100 | 110 | 7   |
|               |    |    |     | VN100X115X10C1 | 100 | 115 | 10  |

# VSM

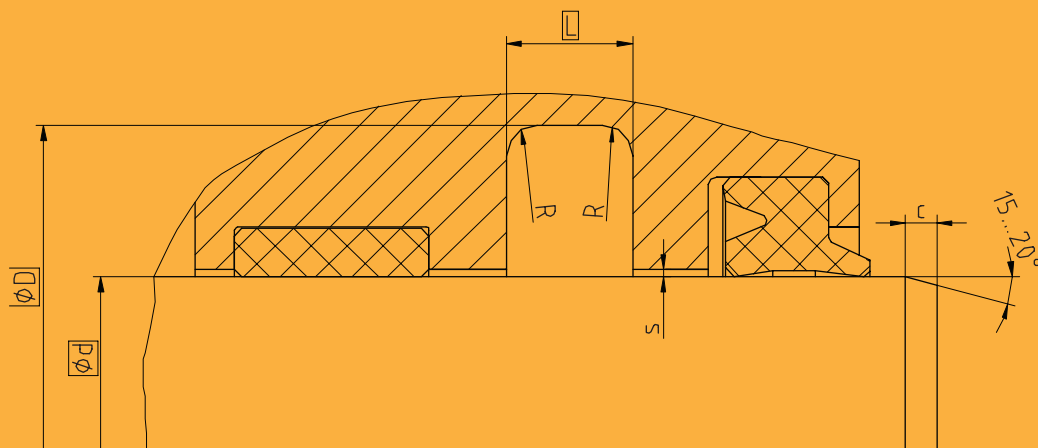


## OMINAISUUDET

Materiaali Nitrilikumi/Kudos/Polyasetali  
 Paine 700bar  
 Nopeus 0,5 m/s  
 Lämpötila -30 – +110 °C

| Tuotekoodi    | d  | D  | H    |                 |     |     |      |
|---------------|----|----|------|-----------------|-----|-----|------|
| VSM30X43X20   | 30 | 43 | 20   | VSM80X100X30    | 80  | 100 | 30   |
| VSM40X50X17,3 | 40 | 50 | 17,3 | VSM85X105X30    | 85  | 105 | 30   |
| VSM40X55X22,5 | 40 | 55 | 22,5 | VSM85X98X25     | 85  | 98  | 25   |
| VSM45X60X22,5 | 45 | 60 | 22,5 | VSM90X105X34    | 90  | 105 | 34   |
| VSM45X65X28   | 45 | 65 | 28   | VSM90X110X30    | 90  | 110 | 30   |
| VSM50X63X20   | 50 | 63 | 20   | VSM100X120X30   | 100 | 120 | 30   |
| VSM50X65X24,5 | 50 | 65 | 24,5 | VSM105X125X30   | 105 | 125 | 30   |
| VSM50X70X30   | 50 | 70 | 30   | VSM110X130X32,5 | 110 | 130 | 32,5 |
| VSM55X70X25   | 55 | 70 | 25   | VSM120X140X30   | 120 | 140 | 30   |
| VSM56X76X28   | 56 | 76 | 28   | VSM125X145X30   | 125 | 145 | 30   |
| VSM60X77X27   | 60 | 77 | 27   | VSM130X150X28   | 130 | 150 | 28   |
| VSM60X80X30   | 60 | 80 | 30   | VSM140X160X28   | 140 | 160 | 28   |
| VSM60X80X32   | 60 | 80 | 32   | VSM140X160X30   | 140 | 160 | 30   |
| VSM63X83X27   | 63 | 83 | 27   | VSM150X170X28   | 150 | 170 | 28   |
| VSM70X85X22,5 | 70 | 85 | 22,5 | VSM160X180X28   | 160 | 180 | 28   |
| VSM70X85X25   | 70 | 85 | 25   | VSM180X205X35   | 180 | 205 | 35   |
| VSM70X90X30   | 70 | 90 | 30   | VSM230X255X35   | 230 | 255 | 35   |
|               |    |    |      | VSM260X280X30   | 260 | 280 | 30   |

# VROTOR

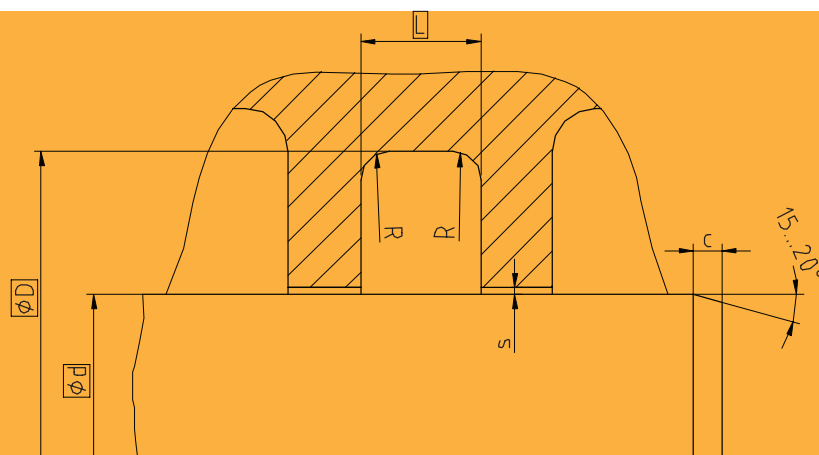


## OMINAISUUDET

|            |                               |
|------------|-------------------------------|
| Materiaali | HiiliPTFE/Nitriilikumi        |
| Paine      | 350bar                        |
| Nopeus     | 2,0 m/s kehänopeus            |
| Lämpötila  | -30 – +100 °C (+200 °C viton) |

| Tuotekoodi        | d  | D    | H   |                     |     |       |     |
|-------------------|----|------|-----|---------------------|-----|-------|-----|
| VROTOR36X43,5X3,2 | 36 | 43,5 | 3,2 | VROTOR80X91X4,2     | 80  | 91    | 4,2 |
| VROTOR45X56X4,2   | 45 | 56   | 4,2 | VROTOR80X95,5X6,3   | 80  | 95,5  | 6,3 |
| VROTOR50X61X4,2   | 50 | 61   | 4,2 | VROTOR85X96X4,2     | 85  | 96    | 4,2 |
| VROTOR50X65,5X6,3 | 50 | 65,5 | 6,3 | VROTOR85X100,5X6,3  | 85  | 100,5 | 6,3 |
| VROTOR55X70,5X6,3 | 55 | 70,5 | 6,3 | VROTOR90X100X5-PU   | 90  | 100   | 5   |
| VROTOR56X67X4,2   | 56 | 67   | 4,2 | VROTOR90X105,5X6,3  | 90  | 105,5 | 6,3 |
| VROTOR60X71X4,2   | 60 | 71   | 4,2 | VROTOR110X121X4,2   | 110 | 121   | 4,2 |
| VROTOR60X75,5X6,3 | 60 | 75,5 | 6,3 | VROTOR120X131X4,2   | 120 | 131   | 4,2 |
| VROTOR63X78,5X6,3 | 63 | 78,5 | 6,3 | VROTOR120X135,5X6,3 | 120 | 135,5 | 6,3 |
| VROTOR65X76X4,2   | 65 | 76   | 4,2 | VROTOR130X141,5X4,2 | 130 | 141,5 | 4,2 |
| VROTOR70X81X4,2   | 70 | 81   | 4,2 | VROTOR165X176X4,2   | 165 | 176   | 4,2 |
| VROTOR70X85,5X6,3 | 70 | 85,5 | 6,3 | VROTOR175X186X4,2   | 175 | 186   | 4,2 |

# IPO

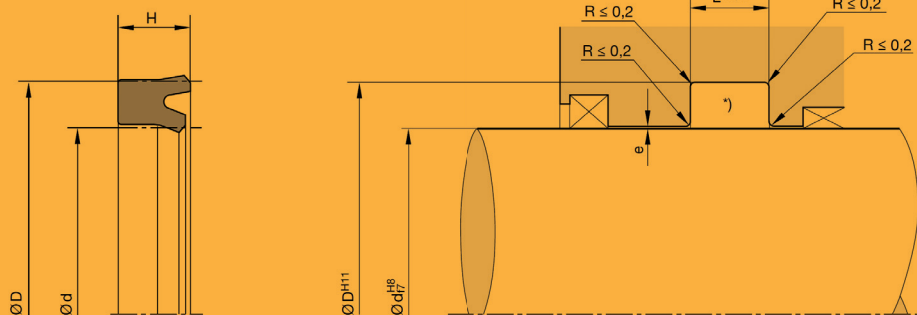


## OMINAISUUDET

|            |                                          |
|------------|------------------------------------------|
| Materiaali | PronssiPTFE/Nitriilikumi                 |
| Paine      | 600 bar                                  |
| Nopeus     | 4,0 m/s                                  |
| Lämpötila  | -30 – +100 °C (Viton o-renkaalla +200°C) |

| Tuotekoodi       | d  | D    | L   |                   |    |       |     |                  |     |       |     |  |
|------------------|----|------|-----|-------------------|----|-------|-----|------------------|-----|-------|-----|--|
| IPO10X14,9X2,2   | 10 | 14,9 | 2,2 | IPO36X46,7X4,2    | 36 | 46,7  | 4,2 | IPO95X110,1X6,3  | 95  | 110,1 | 6,3 |  |
| IPO10X17,3X3,2   | 10 | 17,3 | 3,2 | IPO38X48,7X4,2    | 38 | 48,7  | 4,2 | IPO100X115,1X6,3 | 100 | 115,1 | 6,3 |  |
| IPO12X16,9X2,2   | 12 | 16,9 | 2,2 | IPO38X53,1X6,3    | 38 | 53,1  | 6,3 | IPO100X120,5X8,1 | 100 | 120,5 | 8,1 |  |
| IPO12X19,3X3,2   | 12 | 19,3 | 3,2 | IPO40X50,7X4,2    | 40 | 50,7  | 4,2 | IPO105X120,1X6,3 | 105 | 120,1 | 6,3 |  |
| IPO14X21,3X3,2   | 14 | 21,3 | 3,2 | IPO40X55,1X6,3    | 40 | 55,1  | 6,3 | IPO110X125,1X6,3 | 110 | 125,1 | 6,3 |  |
| IPO16-KARA       | 16 | 18,6 | 3H  | IPO42X52,7X4,2    | 42 | 52,7  | 4,2 | IPO110X130,5X8,1 | 110 | 130,5 | 8,1 |  |
| IPO16X23,3X3,2   | 16 | 23,3 | 3,2 | IPO45X55,7X4,2    | 45 | 55,7  | 4,2 | IPO115X130,1X6,3 | 115 | 130,1 | 6,3 |  |
| IPO17X24,3X3,2   | 17 | 24,3 | 3,2 | IPO45X60,1X6,3    | 45 | 60,1  | 6,3 | IPO120X135,1X6,3 | 120 | 135,1 | 6,3 |  |
| IPO18X22,9X2,2   | 18 | 22,9 | 2,2 | IPO50X60,7X4,2    | 50 | 60,7  | 4,2 | IPO125X140,1X6,3 | 125 | 140,1 | 6,3 |  |
| IPO18X25,3X3,2   | 18 | 25,3 | 3,2 | IPO50X65,1X6,3    | 50 | 65,1  | 6,3 | IPO125X145,5X8,1 | 125 | 145,5 | 8,1 |  |
| IPO18X25,3X3,2PU | 18 | 25,3 | 3,2 | IPO50X65,1X6,3PU  | 50 | 65,1  | 6,3 | IPO130X145,1X6,3 | 130 | 145,1 | 6,3 |  |
| IPO20X27,3X3,2   | 20 | 27,3 | 3,2 | IPO52X62,7X4,2    | 52 | 62,7  | 4,2 | IPO140X155,1X6,3 | 140 | 155,1 | 6,3 |  |
| IPO20X30,7X4,2   | 20 | 30,7 | 4,2 | IPO55X65,7X4,2    | 55 | 65,7  | 4,2 | IPO150X165,1X6,3 | 150 | 165,1 | 6,3 |  |
| IPO22X29,3X3,2   | 22 | 29,3 | 3,2 | IPO55X70,1X6,3    | 55 | 70,1  | 6,3 | IPO160X175,1X6,3 | 160 | 175,1 | 6,3 |  |
| IPO22X32,7X4,2   | 22 | 32,7 | 4,2 | IPO56X66,7X4,2    | 56 | 66,7  | 4,2 | IPO170X185,1X6,3 | 170 | 185,1 | 6,3 |  |
| IPO23X33,7X4,2   | 23 | 33,7 | 4,2 | IPO56X71,1X6,3    | 56 | 71,1  | 6,3 | IPO175X190,1X6,3 | 175 | 190,1 | 6,3 |  |
| IPO24X34,7X4,2   | 24 | 34,7 | 4,2 | IPO60X70,7X4,2    | 60 | 70,7  | 4,2 | IPO180X195,1X6,3 | 180 | 195,1 | 6,3 |  |
| IPO25X32,3X3,2   | 25 | 32,3 | 3,2 | IPO60X75,1X6,3    | 60 | 75,1  | 6,3 | IPO190X205,1X6,3 | 190 | 205,1 | 6,3 |  |
| IPO25-KARA       | 25 | 35   | 5H  | IPO63X73,7X4,2    | 63 | 73,7  | 4,2 | IPO190X210,5X8,1 | 190 | 210,5 | 8,1 |  |
| IPO25X35,7X4,2   | 25 | 35,7 | 4,2 | IPO63X78,1X6,3    | 63 | 78,1  | 6,3 | IPO200X220,5X8,1 | 200 | 220,5 | 8,1 |  |
| IPO28X35,3X3,2   | 28 | 35,3 | 3,2 | IPO65X80,1X6,3    | 65 | 80,1  | 6,3 | IPO210X230,5X8,1 | 210 | 230,5 | 8,1 |  |
| IPO28X38,7X4,2   | 28 | 38,7 | 4,2 | IPO70X80,7X4,2    | 70 | 80,7  | 4,2 | IPO260X284,5X8,1 | 260 | 284,5 | 8,1 |  |
| IPO29X36,3X3,2   | 29 | 36,3 | 3,2 | IPO70X85,1X6,3    | 70 | 85,1  | 6,3 | IPO270X294X8,1   | 270 | 294   | 8,1 |  |
| IPO30X37,3X3,2   | 30 | 37,3 | 3,2 | IPO75X90,1X6,3    | 75 | 90,1  | 6,3 | IPO280X304X8,1   | 280 | 304   | 8,1 |  |
| IPO30X40,7X4,2   | 30 | 40,7 | 4,2 | IPO80X90,7X4,2    | 80 | 90,7  | 4,2 | IPO300X324,5X8,1 | 300 | 324,5 | 8,1 |  |
| IPO31X41,7X4,2   | 31 | 41,7 | 4,2 | IPO80X95,1X6,3    | 80 | 95,1  | 6,3 | IPO350X374X8,1   | 350 | 374   | 8,1 |  |
| IPO32X39,3X3,2   | 32 | 39,3 | 3,2 | IPO85X100,1X6,3   | 85 | 100,1 | 6,3 | IPO390X414X8,1   | 390 | 414   | 8,1 |  |
| IPO32X42,7X4,2   | 32 | 42,7 | 4,2 | IPO90X100,7X4,2   | 90 | 100,7 | 4,2 | IPO420X444X8,1   | 420 | 444   | 8,1 |  |
| IPO35X45,7X4,2   | 35 | 45,7 | 4,2 | IPO90X105,1X6,3   | 90 | 105,1 | 6,3 | IPO460X484,5X8,1 | 460 | 484,5 | 8,1 |  |
|                  |    |      |     | IPO90X105,1X6,3PU | 90 | 105,1 | 6,3 |                  |     |       |     |  |

# S8

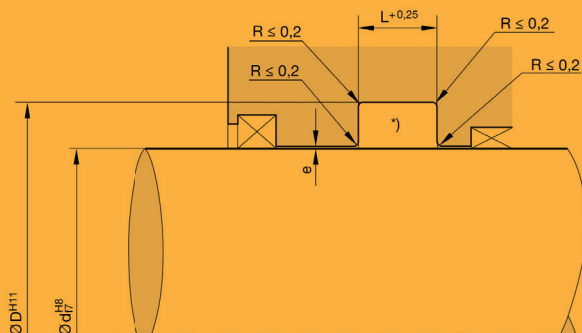
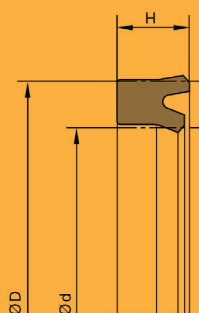
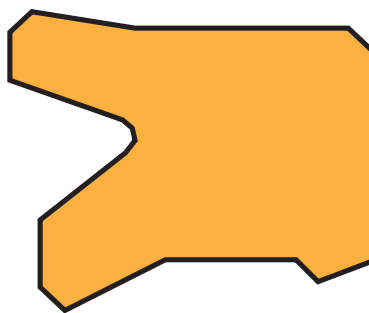


## OMINAISUUDET

Materiaali Nitrilikumi/Kudos  
 Paine 200 bar  
 Nopeus 0,5 m/s  
 Lämpötila -30 – +100 °C

| Tuotekoodi  | d  | D  | H  | S8-35X43X6    | 35 | 43 | 6    | S8-90X100X7,5   | 90  | 100 | 7,5  |
|-------------|----|----|----|---------------|----|----|------|-----------------|-----|-----|------|
| S8-10X17X6  | 10 | 17 | 6  | S8-36X44X6    | 36 | 44 | 6    | S8-90X102X9     | 90  | 102 | 9    |
| S8-12X19X6  | 12 | 19 | 6  | S8-40X48X6    | 40 | 48 | 6    | S8-100X115X11,3 | 100 | 115 | 11,3 |
| S8-14X22X6  | 14 | 22 | 6  | S8-45X55X7,5  | 45 | 55 | 7,5  | S8-105X120X11,5 | 105 | 120 | 11,5 |
| S8-14X22X8  | 14 | 22 | 8  | S8-50X60X7,5  | 50 | 60 | 7,5  | S8-110X125X11,3 | 110 | 125 | 11,3 |
| S8-16X24X6  | 16 | 24 | 6  | S8-55X65X7,5  | 55 | 65 | 7,5  | S8-115X130X11,3 | 115 | 130 | 11,3 |
| S8-18X26X6  | 18 | 26 | 6  | S8-56X66X7,5  | 56 | 66 | 7,5  | S8-125X140X11,3 | 125 | 140 | 11,3 |
| S8-20X28X6  | 20 | 28 | 6  | S8-60X68X11,5 | 60 | 68 | 11,5 | S8-145X157X8,5  | 145 | 157 | 8,5  |
| S8-22X30X6  | 22 | 30 | 6  | S8-60X70X7,5  | 60 | 70 | 7,5  | S8-160X180X15   | 160 | 180 | 15   |
| S8-25X33X6  | 25 | 33 | 6  | S8-63X73X12   | 63 | 73 | 12   | S8-180X200X15   | 180 | 200 | 15   |
| S8-28X36X6  | 28 | 36 | 6  | S8-63X75X9    | 63 | 75 | 9    | S8-190X210X15   | 190 | 210 | 15   |
| S8-30X38X6  | 30 | 38 | 6  | S8-65X77X9    | 65 | 77 | 9    | S8-200X220X15   | 200 | 220 | 15   |
| S8-30X40X9  | 30 | 40 | 9  | S8-70X82X9    | 70 | 82 | 9    | S8-220X240X15   | 220 | 240 | 15   |
| S8-32X40X6  | 32 | 40 | 6  | S8-75X87X9    | 75 | 87 | 9    |                 |     |     |      |
| S8-32X46X10 | 32 | 46 | 10 | S8-80X92X9    | 80 | 92 | 9    |                 |     |     |      |

# KT

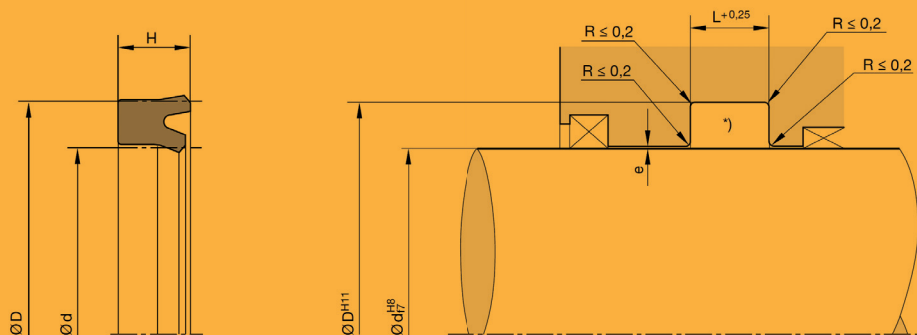
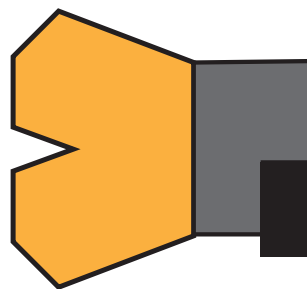


## OMINAISUUDET

Materiaali Polyuretaani  
 Paine 400 bar  
 Nopeus 0,5 m/s  
 Lämpötila -30 – +110 °C

| Tuotekoodi   | d    | D  | H    | KT84,5X94X11   | 84,5  | 94  | 11   | KT115X123X11,5 | 115   | 123 | 11,5 | KT150X160X13,5 | 150 | 160 | 13,5 |
|--------------|------|----|------|----------------|-------|-----|------|----------------|-------|-----|------|----------------|-----|-----|------|
| KT49,5X59X10 | 49,5 | 59 | 10   | KT84,5X94X14   | 84,5  | 94  | 14   | KT115X124X10   | 115   | 124 | 10   | KT150X160X14,5 | 150 | 160 | 14,5 |
| KT50X58X11,5 | 50   | 58 | 11,5 | KT84,5X95X11   | 84,5  | 95  | 11   | KT115X124X14,5 | 115   | 124 | 14,5 | KT152X162X11,5 | 152 | 162 | 11,5 |
| KT50X59X10   | 50   | 59 | 10   | KT85X93X11,5   | 85    | 93  | 11,5 | KT120X130X10   | 120   | 130 | 10   | KT160X168X11   | 160 | 168 | 11   |
| KT55X63X11,5 | 55   | 63 | 11,5 | KT85X94X10     | 85    | 94  | 10   | KT124,5X134X10 | 124,5 | 134 | 10   | KT160X169X10   | 160 | 169 | 10   |
| KT55X64X13,5 | 55   | 64 | 13,5 | KT85X94X13,5   | 85    | 94  | 13,5 | KT124,5X135X11 | 124,5 | 135 | 11   | KT160X170X10   | 160 | 170 | 10   |
| KT55X64X14,5 | 55   | 64 | 14,5 | KT85X94X14,5   | 85    | 94  | 14,5 | KT125X133X11   | 125   | 133 | 11   | KT160X170X11,5 | 160 | 170 | 11,5 |
| KT60X70X13,5 | 60   | 70 | 13,5 | KT90X100X10    | 90    | 100 | 10   | KT125X133X11,5 | 125   | 133 | 11,5 | KT165X174X11   | 165 | 174 | 11   |
| KT64,5X75X11 | 64,5 | 75 | 11   | KT95X103X11,5  | 95    | 103 | 11,5 | KT125X134X10   | 125   | 134 | 10   | KT170X180X10   | 170 | 180 | 10   |
| KT64,5X75X14 | 64,5 | 75 | 14   | KT95X104X10    | 95    | 104 | 10   | KT125X135X11,5 | 125   | 135 | 11,5 | KT170X180X14,5 | 170 | 180 | 14,5 |
| KT65X73X11,5 | 65   | 73 | 11,5 | KT100X108X11,5 | 100   | 108 | 11,5 | KT130X140X14,5 | 130   | 140 | 14,5 | KT172X182X11,5 | 172 | 182 | 11,5 |
| KT65X74X10   | 65   | 74 | 10   | KT100X109X14,5 | 100   | 109 | 14,5 | KT132X140X11,5 | 132   | 140 | 11,5 | KT180X188X11   | 180 | 188 | 11   |
| KT70X78X11,5 | 70   | 78 | 11,5 | KT100X110X13,5 | 100   | 110 | 13,5 | KT132X141X11,5 | 132   | 141 | 11,5 | KT180X190X10   | 180 | 190 | 10   |
| KT70X79X13,5 | 70   | 79 | 13,5 | KT104,5X115X11 | 104,5 | 115 | 11   | KT132X142X14,5 | 132   | 142 | 14,5 | KT180X190X11,5 | 180 | 190 | 11,5 |
| KT70X79X14,5 | 70   | 79 | 14,5 | KT104,5X115X14 | 104,5 | 115 | 14   | KT135X144X10   | 135   | 144 | 10   | KT185X194X10,5 | 185 | 194 | 10,5 |
| KT75X83X11,5 | 75   | 83 | 11,5 | KT105X114X10   | 105   | 114 | 10   | KT140X150X10   | 140   | 150 | 10   | KT190X200X14,5 | 190 | 200 | 14,5 |
| KT75X85X10   | 75   | 85 | 10   | KT105X115X10   | 105   | 115 | 10   | KT142X150X11   | 142   | 150 | 11   | KT194X204X11,5 | 194 | 204 | 11,5 |
| KT80X88X11,5 | 80   | 88 | 11,5 | KT110X118X11   | 110   | 118 | 11   | KT142X151X10   | 142   | 151 | 10   | KT200X209X10   | 200 | 209 | 10   |
| KT80X89X10   | 80   | 89 | 10   | KT110X119X10   | 110   | 119 | 10   | KT142X152X11,5 | 142   | 152 | 11,5 | KT200X210X10   | 200 | 210 | 10   |
| KT80X90X13,5 | 80   | 90 | 13,5 | KT110X120X13,5 | 110   | 120 | 13,5 | KT145X154X10   | 145   | 154 | 10   | KT212X225X14,8 | 212 | 225 | 14,8 |
|              |      |    |      |                |       |     |      |                |       |     |      | KT218X228X11,5 | 218 | 228 | 11,5 |

# MGD

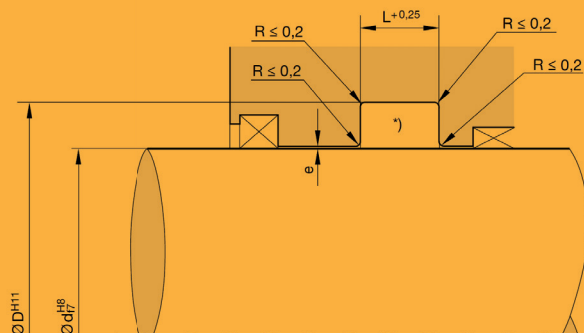
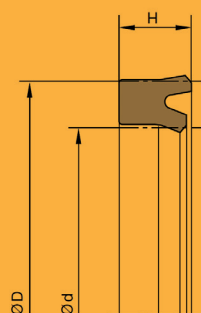
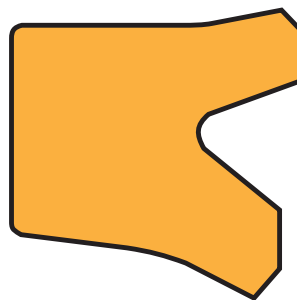


## OMINAISUUDET

Materiaali Nitrilikumi/Kudos/Polyasetaali  
 Paine 400 bar  
 Nopeus 0,5 m/s  
 Lämpötila -30 – +100 °C

| Tuotekoodi    | d   | D   | H  |
|---------------|-----|-----|----|
| MGD25X35X8    | 25  | 35  | 8  |
| MGD25X40X10   | 25  | 40  | 10 |
| MGD30X45X10   | 30  | 45  | 10 |
| MGD40X55X10   | 40  | 55  | 10 |
| MGD50X65X10   | 50  | 65  | 10 |
| MGD65X85X12   | 65  | 85  | 12 |
| MGD80X100X12  | 80  | 100 | 12 |
| MGD90X110X12  | 90  | 110 | 12 |
| MGD110X130X12 | 110 | 130 | 12 |

# T20

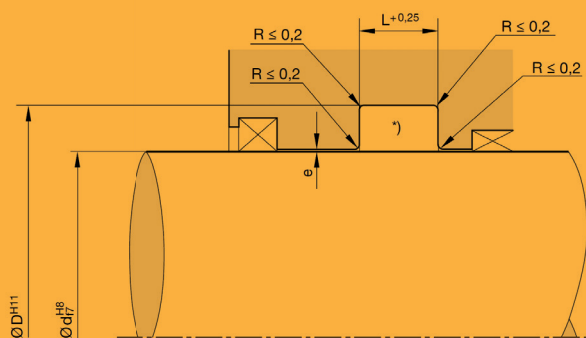
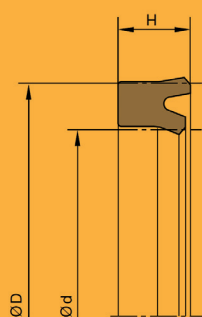
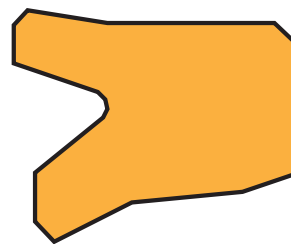


## OMINAISUUDET

Materiaali Polyuretaani  
 Paine 400 bar  
 Nopeus 0,5 m/s  
 Lämpötila -30 – +110 °C

| Tuotekoodi     | d  | D  | H    | T20-80X92X8,7    | 80  | 92  | 8,7  |
|----------------|----|----|------|------------------|-----|-----|------|
| T20-12X22X8,2  | 12 | 22 | 8,2  | T20-80X95X11,4   | 80  | 95  | 11,4 |
| T20-25X35X7,3  | 25 | 35 | 7,3  | T20-85X100X11,4  | 85  | 100 | 11,4 |
| T20-30X38X5,7  | 30 | 38 | 5,7  | T20-90X105X11,4  | 90  | 105 | 11,4 |
| T20-35X43X5,7  | 35 | 43 | 5,7  | T20-100X115X10,9 | 100 | 115 | 10,9 |
| T20-36X46X7,3  | 36 | 46 | 7,3  | T20-100X120X12   | 100 | 120 | 12   |
| T20-40X48X5,7  | 40 | 48 | 5,7  | T20-105X115X12   | 105 | 115 | 12   |
| T20-40X50X7,3  | 40 | 50 | 7,3  | T20-110X125X10,9 | 110 | 125 | 10,9 |
| T20-50X60X7,3  | 50 | 60 | 7,3  | T20-110X130X14,6 | 110 | 130 | 14,6 |
| T20-55X65X10   | 55 | 65 | 10   | T20-115X130X10,9 | 115 | 130 | 10,9 |
| T20-55X65X8    | 55 | 65 | 8    | T20-120X140X14,6 | 120 | 140 | 14,6 |
| T20-56X66X7,3  | 56 | 66 | 7,3  | T20-125X140X10,9 | 125 | 140 | 10,9 |
| T20-56X66X8,2  | 56 | 66 | 8,2  | T20-125X145X14,6 | 125 | 145 | 14,6 |
| T20-56X71X11,4 | 56 | 71 | 11,4 | T20-130X140X15   | 130 | 140 | 15   |
| T20-60X70X7,3  | 60 | 70 | 7,3  | T20-140X160X14,6 | 140 | 160 | 14,6 |
| T20-63X75X8,7  | 63 | 75 | 8,7  | T20-160X185X14,6 | 160 | 185 | 14,6 |
| T20-70X85X10   | 70 | 85 | 10   | T20-180X200X14,6 | 180 | 200 | 14,6 |
| T20-70X85X11,4 | 70 | 85 | 11,4 | T20-200X220X14,6 | 200 | 220 | 14,6 |

# VUN

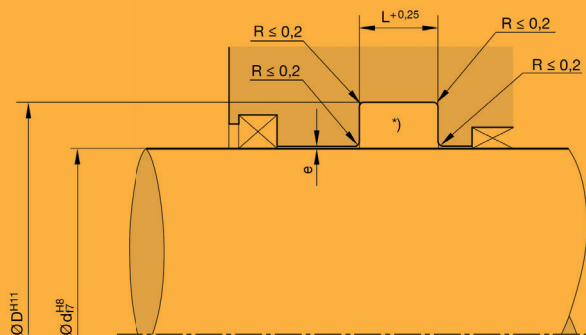
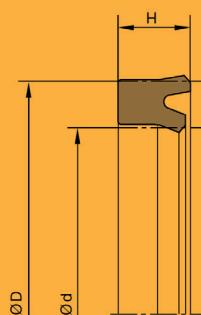


## OMINAISUUDET

|            |               |
|------------|---------------|
| Materiaali | Polyuretaani  |
| Paine      | 400 bar       |
| Nopeus     | 0,5 m/s       |
| Lämpötila  | -30 – +110 °C |

| Tuotekoodi        | d    | D    | H    | VUN65X80X10        | 65    | 80    | 10   |
|-------------------|------|------|------|--------------------|-------|-------|------|
| VUN8X18X8         | 8    | 18   | 8    | VUN70X80X12        | 70    | 80    | 12   |
| VUN12X16X3        | 12   | 16   | 3    | VUN70X84X10        | 70    | 84    | 10   |
| VUN12X20X5,7      | 12   | 20   | 5,7  | VUN70X90X11,4      | 70    | 90    | 11,4 |
| VUN14X24X7,2      | 14   | 24   | 7,2  | VUN70X90X12        | 70    | 90    | 12   |
| VUN16X20,6X3      | 16   | 20,6 | 3    | VUN75X89X10        | 75    | 89    | 10   |
| VUN18X24X4,7      | 18   | 24   | 4,7  | VUN80X90X9         | 80    | 90    | 9    |
| VUN18X26X5,3      | 18   | 26   | 5,3  | VUN80X92X8,6       | 80    | 92    | 8,6  |
| VUN18X26X5,7      | 18   | 26   | 5,7  | VUN80X94X10        | 80    | 94    | 10   |
| VUN20X26X5        | 20   | 26   | 5    | VUN80X95X10        | 80    | 95    | 10   |
| VUN20X28X5,7      | 20   | 28   | 5,7  | VUN82,55X95,25X9,5 | 82,55 | 95,25 | 9,5  |
| VUN20X30X7,3      | 20   | 30   | 7,3  | VUN90X102X9        | 90    | 102   | 9    |
| VUN22X30X5,7      | 22   | 30   | 5,7  | VUN90X105X11,4     | 90    | 105   | 11,4 |
| VUN25X33X10       | 25   | 33   | 10   | VUN90X105X8,5      | 90    | 105   | 8,5  |
| VUN25X35X7,3      | 25   | 35   | 7,3  | VUN90X110X12       | 90    | 110   | 12   |
| VUN30X38X5,7      | 30   | 38   | 5,7  | VUN90X110X14,5     | 90    | 110   | 14,5 |
| VUN32X40X5,7      | 32   | 40   | 5,7  | VUN95X110X12       | 95    | 110   | 12   |
| VUN32X46X10       | 32   | 46   | 10   | VUN95X110X9        | 95    | 110   | 9    |
| VUN35X43X5,7      | 35   | 43   | 5,7  | VUN100X115X10,9    | 100   | 115   | 10,9 |
| VUN35X46X8        | 35   | 46   | 8    | VUN100X115X9       | 100   | 115   | 9    |
| VUN36X46X10       | 36   | 46   | 10   | VUN100X120X12      | 100   | 120   | 12   |
| VUN36X47X4        | 36   | 47   | 4    | VUN100X120X14,5    | 100   | 120   | 14,5 |
| VUN38,1X50,8X9,52 | 38,1 | 50,8 | 9,52 | VUN100X120X9       | 100   | 120   | 9    |
| VUN40X48X11       | 40   | 48   | 11   | VUN105X115X10      | 105   | 115   | 10   |
| VUN40X48X5,7      | 40   | 48   | 5,7  | VUN110X125X9,6     | 110   | 125   | 9,6  |
| VUN40X48X8        | 40   | 48   | 8    | VUN110X130X13      | 110   | 130   | 13   |
| VUN40X50X7,3      | 40   | 50   | 7,3  | VUN110X130X14,5    | 110   | 130   | 14,5 |
| VUN40X55X7,2      | 40   | 55   | 7,2  | VUN120X130X14      | 120   | 130   | 14   |
| VUN45X53X5,6      | 45   | 53   | 5,6  | VUN120X135X14,5    | 120   | 135   | 14,5 |
| VUN45X55X5,7      | 45   | 55   | 5,7  | VUN120X140X14,6    | 120   | 140   | 14,6 |
| VUN56X66X8        | 56   | 66   | 8    | VUN130X145X10,2    | 130   | 145   | 10,2 |
| VUN56X71X10       | 56   | 71   | 10   | VUN130X145X9       | 130   | 145   | 9    |
| VUN63X73X10       | 63   | 73   | 10   | VUN140X155X12      | 140   | 155   | 12   |
| VUN63X78X10       | 63   | 78   | 10   | VUN140X160X13      | 140   | 160   | 13   |
| VUN63X78X12       | 63   | 78   | 12   | VUN160X180X12      | 160   | 180   | 12   |
| VUN63X83X12       | 63   | 83   | 12   | VUN190X210X15      | 190   | 210   | 15   |
| VUN63,5X76,2X9,52 | 63,5 | 76,2 | 9,52 | VUN200X220X15      | 200   | 220   | 15   |
| VUN65X75X12       | 65   | 75   | 12   | VUN220X240X15      | 220   | 240   | 15   |
| VUN65X77X9        | 65   | 77   | 9    | VUN250X280X17      | 250   | 280   | 17   |
| VUN65X78X10       | 65   | 78   | 10   |                    |       |       |      |

# TDI



## OMINAISUUDET

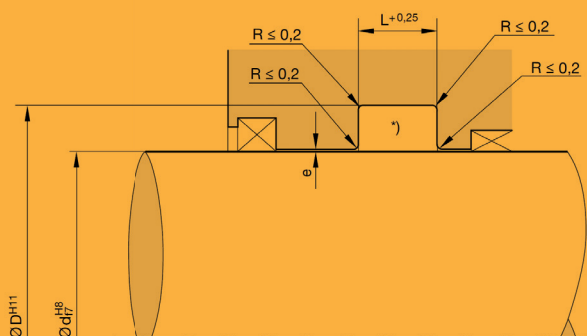
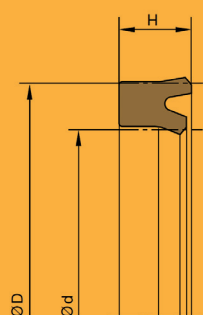
Materiaali Polyuretaani/PronssiPTFE  
 Paine 450 bar  
 Nopeus 1,0 m/s  
 Lämpötila -30 – +100 °C

| Tuotekoodi  | d  | D  | H  |               |     |     |    |
|-------------|----|----|----|---------------|-----|-----|----|
| TDI35X43X7  | 35 | 43 | 7  | TDI80X95X12   | 80  | 95  | 12 |
| TDI36X44X8  | 36 | 44 | 8  | TDI90X105X12  | 90  | 105 | 12 |
| TDI40X48X8  | 40 | 48 | 8  | TDI100X115X12 | 100 | 115 | 12 |
| TDI45X55X10 | 45 | 55 | 10 | TDI105X125X16 | 105 | 125 | 16 |
| TDI50X60X10 | 50 | 60 | 10 | TDI110X125X12 | 110 | 125 | 12 |
| TDI56X71X12 | 56 | 71 | 12 | TDI115X130X12 | 115 | 130 | 12 |
| TDI60X75X12 | 60 | 75 | 12 | TDI120X140X16 | 120 | 140 | 16 |
| TDI63X78X12 | 63 | 78 | 12 | TDI125X145X16 | 125 | 145 | 16 |
| TDI65X80X12 | 65 | 80 | 12 | TDI130X150X16 | 130 | 150 | 16 |
| TDI70X85X12 | 70 | 85 | 12 | TDI140X160X16 | 140 | 160 | 16 |
|             |    |    |    | TDI160X180X16 | 160 | 180 | 16 |

# M17



# M19



## OMINAISUUDET

Materiaali Nitrilikumi/Kudos  
Paine 200 bar  
Nopeus 0,1 m/s  
Lämpötila -30 – +80 °C

Materiaali Nitrilikumi/Kudos/Polyasetäali  
Paine 400 bar  
Nopeus 0,2 m/s  
Lämpötila -30 – +80 °C

| Tuotekoodi   | d  | D  | H  | M17-85X100X11    | 85  | 100 | 11   |
|--------------|----|----|----|------------------|-----|-----|------|
| M17-35X45X8  | 35 | 45 | 8  | M17-100X112X12,5 | 100 | 112 | 12,5 |
| M17-40X52X8  | 40 | 52 | 8  | M17-100X120X13   | 100 | 120 | 13   |
| M17-45X57X8  | 45 | 57 | 8  | M19-100X120X13   | 100 | 120 | 13   |
| M17-50X62X8  | 50 | 62 | 8  | M17-125X145X13   | 125 | 145 | 13   |
| M17-55X67X8  | 55 | 67 | 8  | M19-125X145X13   | 125 | 145 | 13   |
| M17-56X68X8  | 56 | 68 | 8  | M19-130X150X11   | 130 | 150 | 11   |
| M17-60X75X11 | 60 | 75 | 11 | M17-140X160X13   | 140 | 160 | 13   |
| M17-65X80X11 | 65 | 80 | 11 | M17-150X175X16   | 150 | 175 | 16   |
| M17-75X90X11 | 75 | 90 | 11 | M17-200X225X16   | 200 | 225 | 16   |
| M17-80X95X11 | 80 | 95 | 11 |                  |     |     |      |

# TRU

## Uranrenkaan tukirengas



### OMINAISUUDET

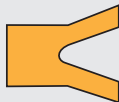
Materiaali Lasi+MOS<sub>2</sub>-PTFE  
Lämpötila -200 – +260 °C

| Tuotekoodi   | d  | D  | H   | TRU75X90X3   | 75  | 90  | 3   |
|--------------|----|----|-----|--------------|-----|-----|-----|
| TRU40X50X1,5 | 40 | 50 | 1,5 | TRU80X95X2,2 | 80  | 95  | 2,2 |
| TRU40X50X3   | 40 | 50 | 3   | TRU80X95X3   | 80  | 95  | 3   |
| TRU45X60X3   | 45 | 60 | 3   | TRU85X100X3  | 85  | 100 | 3   |
| TRU50X63X3   | 50 | 63 | 3   | TRU85X105X3  | 85  | 105 | 3   |
| TRU55X68X3   | 55 | 68 | 3   | TRU90X105X3  | 90  | 105 | 3   |
| TRU60X75X3   | 60 | 75 | 3   | TRU95X110X3  | 95  | 110 | 3   |
| TRU63X78X3   | 63 | 78 | 3   | TRU100X115X3 | 100 | 115 | 3   |
| TRU65X75X3   | 65 | 75 | 3   | TRU100X120X3 | 100 | 120 | 3   |
| TRU65X78X3   | 65 | 78 | 3   | TRU110X130X3 | 110 | 130 | 3   |
| TRU65X80X3   | 65 | 80 | 3   | TRU115X130X3 | 115 | 130 | 3   |
| TRU70X80X3   | 70 | 80 | 3   | TRU120X140X3 | 120 | 140 | 3   |
| TRU70X83X3   | 70 | 83 | 3   | TRU130X145X3 | 130 | 145 | 3   |
| TRU70X84X3   | 70 | 84 | 3   | TRU140X160X3 | 140 | 160 | 3   |
| TRU70X85X3   | 70 | 85 | 3   |              |     |     |     |

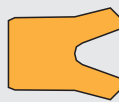
# Varren- ja männäntiivisteet



VPA 30

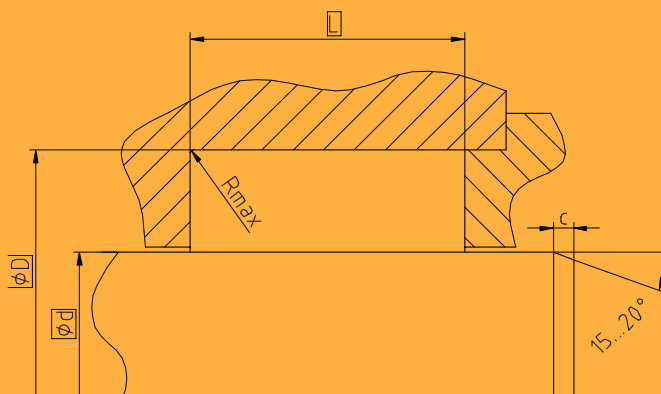


N 32



UN 34

# VPA



## OMINAISUUDET

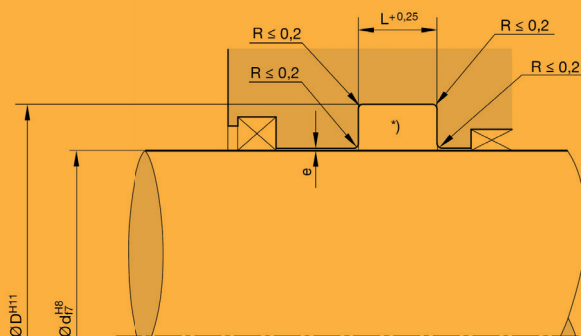
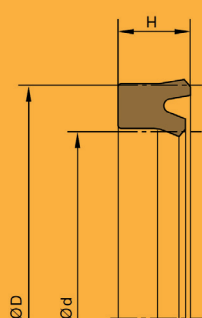
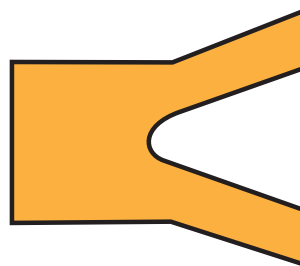
|            |                    |
|------------|--------------------|
| Materiaali | Nitriilikumi/Kudos |
| Paine      | 400 bar            |
| Nopeus     | 0,5 m/s            |
| Lämpötila  | -30 – +110 °C      |

| Tuotekoodi            | d     | D     | H      |
|-----------------------|-------|-------|--------|
| VPA8X18X18,5          | 8     | 18    | 18,5   |
| VPA12X22X18,5         | 12    | 22    | 18,5   |
| VPA18X28X13,5         | 18    | 28    | 13,5   |
| VPA19,05X28,58X22,225 | 19,05 | 28,58 | 22,225 |
| VPA20X30X18,5         | 20    | 30    | 18,5   |
| VPA20X32X22,5         | 20    | 32    | 22,5   |
| VPA20X35X12           | 20    | 35    | 12     |
| VPA20X35X21           | 20    | 35    | 21     |
| VPA22X32X18,5         | 22    | 32    | 18,5   |
| VPA22X34X22,5         | 22    | 34    | 22,5   |
| VPA25X35X19,5         | 25    | 35    | 19,5   |
| VPA25X37X22,5         | 25    | 37    | 22,5   |
| VPA25X38X14           | 25    | 38    | 14     |
| VPA25X40X22,5         | 25    | 40    | 22,5   |
| VPA25,4X37,5X15       | 25,4  | 37,5  | 15     |
| VPA26X42X27,7         | 26    | 42    | 27,7   |
| VPA28X40X14           | 28    | 40    | 14     |
| VPA28X40X22,5         | 28    | 40    | 22,5   |
| VPA30X40X21,8         | 30    | 40    | 21,8   |
| VPA30X42X22,5         | 30    | 42    | 22,5   |
| VPA30X45X11,5         | 30    | 45    | 11,5   |
| VPA30X45X22,5         | 30    | 45    | 22,5   |
| VPA31,75X44,45X22,2   | 31,75 | 44,45 | 22,2   |
| VPA31,75X47,62X33,9   | 31,75 | 47,62 | 33,9   |
| VPA32X42X17,5         | 32    | 42    | 17,5   |
| VPA32X44X22,5         | 32    | 44    | 22,5   |
| VPA32X47X22,5         | 32    | 47    | 22,5   |
| VPA34,9X50,8X29       | 34,9  | 50,8  | 29     |
| VPA35X45X17,2         | 35    | 45    | 17,2   |
| VPA35X47X22,5         | 35    | 47    | 22,5   |
| VPA35X50X22,5         | 35    | 50    | 22,5   |
| VPA36X46X14           | 36    | 46    | 14     |
| VPA36X48X22,5         | 36    | 48    | 22,5   |
| VPA36X51X22,5         | 36    | 51    | 22,5   |
| VPA37X53,2X29         | 37    | 53,2  | 29     |
| VPA38,1X50,8X19       | 38,1  | 50,8  | 19     |
| VPA38,1X50,8X25,4     | 38,1  | 50,8  | 25,4   |
| VPA40X50X17,3         | 40    | 50    | 17,3   |
| VPA40X52X22,5         | 40    | 52    | 22,5   |
| VPA40X55X22,5         | 40    | 55    | 22,5   |
| VPA40X56X20           | 40    | 56    | 20     |
| VPA40X60X28,5         | 40    | 60    | 28,5   |
| VPA42X54X22,5         | 42    | 54    | 22,5   |
| VPA44,45X57,15X25,4   | 44,45 | 57,15 | 25,4   |
| VPA45X55X13           | 45    | 55    | 13     |
| VPA45X55X14,7         | 45    | 55    | 14,7   |
| VPA45X60X11           | 45    | 60    | 11     |
| VPA45X60X22,5         | 45    | 60    | 22,5   |
| VPA45X61X29M          | 45    | 61    | 29     |
| VPA45X65X22,5         | 45    | 65    | 22,5   |
| VPA48X60X24,5         | 48    | 60    | 24,5   |
| VPA48X63X23           | 48    | 63    | 23     |
| VPA50X65X22,5         | 50    | 65    | 22,5   |
| VPA50X65X26,4         | 50    | 65    | 26,4   |
| VPA50X66X28,1         | 50    | 66    | 28,1   |
| VPA50X70X14,6         | 50    | 70    | 14,6   |
| VPA50X70X30           | 50    | 70    | 30     |
| VPA50,8X63,5X19,5     | 50,8  | 63,5  | 19,5   |
| VPA50,8X66,68X28,8    | 50,8  | 66,68 | 28,8   |
| VPA50,8X69,85X25,9    | 50,8  | 69,85 | 25,9   |

|                     |       |       |       |
|---------------------|-------|-------|-------|
| VPA52X72X35         | 52    | 72    | 35    |
| VPA54X73X32         | 54    | 73    | 32    |
| VPA55X67X24         | 55    | 67    | 24    |
| VPA55X70X22,5       | 55    | 70    | 22,5  |
| VPA55X75X18,3       | 55    | 75    | 18,3  |
| VPA55X75X30         | 55    | 75    | 30    |
| VPA55X75X34         | 55    | 75    | 34    |
| VPA56X68X20         | 56    | 68    | 20    |
| VPA56X71X22,5       | 56    | 71    | 22,5  |
| VPA56X76X22         | 56    | 76    | 22    |
| VPA56X76X32,5       | 56    | 76    | 32,5  |
| VPA56X76X37,5       | 56    | 76    | 37,5  |
| VPA57,15X69,8X19,05 | 57,15 | 69,8  | 19,05 |
| VPA57,15X69,85X25,4 | 57,15 | 69,85 | 25,4  |
| VPA57,15X76,2X25,4  | 57,15 | 76,2  | 25,4  |
| VPA57,5X76,3X30     | 57,5  | 76,3  | 30    |
| VPA60X75X22,5       | 60    | 75    | 22,5  |
| VPA60X80X14,6       | 60    | 80    | 14,6  |
| VPA60X80X15         | 60    | 80    | 15    |
| VPA60X80X25         | 60    | 80    | 25    |
| VPA60X80X37         | 60    | 80    | 37    |
| VPA60,3X76,2X25,4   | 60,3  | 76,2  | 25,4  |
| VPA62,4X76,4X18     | 62,4  | 76,4  | 18    |
| VPA63X78X22,5       | 63    | 78    | 22,5  |
| VPA63X83X37         | 63    | 83    | 37    |
| VPA63,5X76,2X24,6   | 63,5  | 76,2  | 24,6  |
| VPA63,5X79,3X28,1   | 63,5  | 79,3  | 28,1  |
| VPA63,5X82,5X25,5   | 63,5  | 82,5  | 25,5  |
| VPA65X77X20         | 65    | 77    | 20    |
| VPA65X80X22,5       | 65    | 80    | 22,5  |
| VPA65X85X35         | 65    | 85    | 35    |
| VPA65X85X40         | 65    | 85    | 40    |
| VPA69,8X82,5X21     | 69,8  | 82,5  | 21    |
| VPA69,85X88,9X25,5  | 69,85 | 88,9  | 25,5  |
| VPA70X85X22,5       | 70    | 85    | 22,5  |
| VPA70X85X28         | 70    | 85    | 28    |
| VPA70X90X21,2       | 70    | 90    | 21,2  |
| VPA70X90X32         | 70    | 90    | 32    |
| VPA70X90X40         | 70    | 90    | 40    |
| VPA75X90X22,5       | 75    | 90    | 22,5  |
| VPA75X95X23,5       | 75    | 95    | 23,5  |
| VPA75X95X35         | 75    | 95    | 35    |
| VPA75X100X42        | 75    | 100   | 42    |
| VPA75X100X47,5      | 75    | 100   | 47,5  |
| VPA76X90X22         | 76    | 90    | 22    |
| VPA76X95X34         | 76    | 95    | 34    |
| VPA76,2X88,9X22,5   | 76,2  | 88,9  | 22,5  |
| VPA80X95X22,5       | 80    | 95    | 22,5  |
| VPA80X100X21,2      | 80    | 100   | 21,2  |
| VPA80X100X40        | 80    | 100   | 40    |
| VPA80X105X27,4      | 80    | 105   | 27,4  |
| VPA82,5X101,6X28,6  | 82,5  | 101,6 | 28,6  |
| VPA85X100X22,5      | 85    | 100   | 22,5  |
| VPA85X105X40        | 85    | 105   | 40    |
| VPA88,9X101,6X19,05 | 88,9  | 101,6 | 19,05 |
| VPA88,9X107,9X25,4  | 88,9  | 107,9 | 25,4  |
| VPA88,9X114,3X31,75 | 88,9  | 114,3 | 31,75 |
| VPA90X105X22,5      | 90    | 105   | 22,5  |
| VPA90X105X34        | 90    | 105   | 34    |
| VPA90X110X20        | 90    | 110   | 20    |
| VPA90X110X26,9      | 90    | 110   | 26,9  |

|                       |        |        |      |
|-----------------------|--------|--------|------|
| VPA90X110X30,6        | 90     | 110    | 30,6 |
| VPA90X110X40          | 90     | 110    | 40   |
| VPA90X115X18,6        | 90     | 115    | 18,6 |
| VPA90X115X25          | 90     | 115    | 25   |
| VPA93,662X107,95X22,2 | 93,662 | 107,95 | 22,2 |
| VPA95X115X25          | 95     | 115    | 25   |
| VPA95,25X114,3X25,4   | 95,25  | 114,3  | 25,4 |
| VPA100X115X21,5       | 100    | 115    | 21,5 |
| VPA100X115X28,5       | 100    | 115    | 28,5 |
| VPA100X115X30         | 100    | 115    | 30   |
| VPA100X120X25         | 100    | 120    | 25   |
| VPA100X120X40         | 100    | 120    | 40   |
| VPA100X125X25         | 100    | 125    | 25   |
| VPA100X125X28         | 100    | 125    | 28   |
| VPA101,6X127X38,1     | 101,6  | 127    | 38,1 |
| VPA105X125X29         | 105    | 125    | 29   |
| VPA110X125X30         | 110    | 125    | 30   |
| VPA110X130X25,5       | 110    | 130    | 25,5 |
| VPA110X130X29         | 110    | 130    | 29   |
| VPA110X130X40         | 110    | 130    | 40   |
| VPA115X130X30         | 115    | 130    | 30   |
| VPA115X140X34         | 115    | 140    | 34   |
| VPA120X133X21,5       | 120    | 133    | 21,5 |
| VPA120X135X22         | 120    | 135    | 22   |
| VPA120X140X30         | 120    | 140    | 30   |
| VPA120X150X29         | 120    | 150    | 29   |
| VPA123,82X142,87X22,2 | 123,82 | 142,87 | 22,2 |
| VPA125X140X32         | 125    | 140    | 32   |
| VPA125X140X34         | 125    | 140    | 34   |
| VPA125X145X32         | 125    | 145    | 32   |
| VPA125X146X33         | 125    | 146    | 33   |
| VPA125X155X95-1000    | 125    | 155    | 95   |
| VPA130X160X28         | 130    | 160    | 28   |
| VPA135X160X34         | 135    | 160    | 34   |
| VPA140X155X34         | 140    | 155    | 34   |
| VPA140X160X25         | 140    | 160    | 25   |
| VPA140X160X28,5       | 140    | 160    | 28,5 |
| VPA140X160X30,5       | 140    | 160    | 30,5 |
| VPA140X165X46         | 140    | 165    | 46   |
| VPA140X170X46         | 140    | 170    | 46   |
| VPA150X180X45         | 150    | 180    | 45   |
| VPA160X180X40         | 160    | 180    | 40   |
| VPA160X190X33         | 160    | 190    | 33   |
| VPA170X200X32,5       | 170    | 200    | 32,5 |
| VPA180X210X30         | 180    | 210    | 30   |
| VPA180X210X61         | 180    | 210    | 61   |
| VPA185X210X24         | 185    | 210    | 24   |
| VPA200X220X20,5       | 200    | 220    | 20,5 |
| VPA200X220X40         | 200    | 220    | 40   |
| VPA210X240X40         | 210    | 240    | 40   |
| VPA210X240X45         | 210    | 240    | 45   |
| VPA280X320X81         | 280    | 320    | 81   |
| VPA285X315X58         | 285    | 315    | 58   |
| VPA290X320X42         | 290    | 320    | 42   |
| VPA300X330X45         | 300    | 330    | 45   |
| VPA360X400X51,8       | 360    | 400    | 51,8 |
| VPA400X430X60         | 400    | 430    | 60   |
| VPA400X440X130        | 400    | 440    | 130  |
| VPA420X460X65         | 420    | 460    | 65   |

# N



## OMINAISUUDET

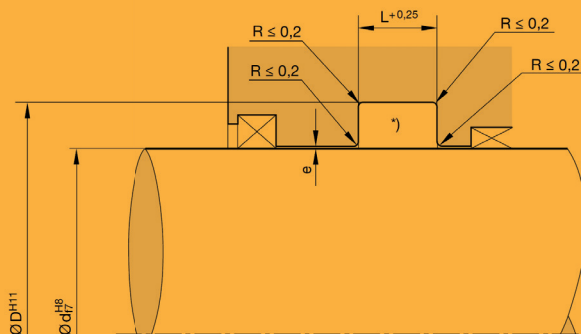
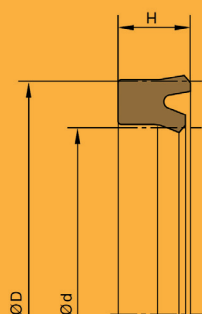
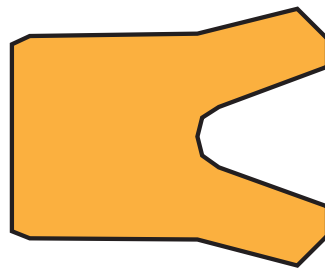
|            |                       |                     |
|------------|-----------------------|---------------------|
| Materiaali | Nitriilikumi          |                     |
| Paine      | 110 bar hydrauliiikka | 16 bar pneumatiikka |
| Nopeus     | 0,5 m/s               |                     |
| Lämpötila  | -30 – +100 °C         | -30 – + 80°C        |

| Tuotekoodi       | d     | D    | H    |
|------------------|-------|------|------|
| N3,175X9,52X3,17 | 3,175 | 9,52 | 3,17 |
| N4X10X4          | 4     | 10   | 4    |
| N4X12X4          | 4     | 12   | 4    |
| N5X12X5          | 5     | 12   | 5    |
| N6X10X4          | 6     | 10   | 4    |
| N6X15X5          | 6     | 15   | 5    |
| N6X18X8          | 6     | 18   | 8    |
| N7X15X5          | 7     | 15   | 5    |
| N8X14X4          | 8     | 14   | 4    |
| N8X15X6          | 8     | 15   | 6    |
| N10X14X2         | 10    | 14   | 2    |
| N10X14X2,8       | 10    | 14   | 2,8  |
| N10X15X4         | 10    | 15   | 4    |
| N10X16X4         | 10    | 16   | 4    |
| N11X17X3         | 11    | 17   | 3    |
| N12X16X3         | 12    | 16   | 3    |
| N12X18X5,4       | 12    | 18   | 5,4  |
| N12X20X5         | 12    | 20   | 5    |
| N12X22X5         | 12    | 22   | 5    |
| N12X22X7         | 12    | 22   | 7    |
| N12X24X6         | 12    | 24   | 6    |
| N13X24X6         | 13    | 24   | 6    |
| N14X20X4         | 14    | 20   | 4    |
| N14X20X5         | 14    | 20   | 5    |
| N14X22X4         | 14    | 22   | 4    |
| N14X22X5         | 14    | 22   | 5    |
| N14X22X8         | 14    | 22   | 8    |
| N14X24X5         | 14    | 24   | 5    |
| N15X22X4         | 15    | 22   | 4    |
| N15X25X5         | 15    | 25   | 5    |
| N15X30X8         | 15    | 30   | 8    |
| N15X35X7         | 15    | 35   | 7    |
| N16X22X5         | 16    | 22   | 5    |
| N16X22X6         | 16    | 22   | 6    |
| N16X24X4         | 16    | 24   | 4    |
| N16X26X5         | 16    | 26   | 5    |
| N16X28X5         | 16    | 28   | 5    |
| N18X28X6         | 18    | 28   | 6    |

|             |      |    |      |
|-------------|------|----|------|
| N18X30X5    | 18   | 30 | 5    |
| N18X30X6    | 18   | 30 | 6    |
| N20X26X6    | 20   | 26 | 6    |
| N20X28X4    | 20   | 28 | 4    |
| N20X30X5    | 20   | 30 | 5    |
| N20X30X8    | 20   | 30 | 8    |
| N20X30X10   | 20   | 30 | 10   |
| N20X35X10   | 20   | 35 | 10   |
| N20X36X8    | 20   | 36 | 8    |
| N22X30X6    | 22   | 30 | 6    |
| N22X32X5    | 22   | 32 | 5    |
| N22X35X7    | 22   | 35 | 7    |
| N22,4X30X5  | 22,4 | 30 | 5    |
| N25X35X5    | 25   | 35 | 5    |
| N25X35X7    | 25   | 35 | 7    |
| N25X35X8    | 25   | 35 | 8    |
| N30X40X5    | 30   | 40 | 5    |
| N30X40X10   | 30   | 40 | 10   |
| N30X40X11,5 | 30   | 40 | 11,5 |
| N30X42X8    | 30   | 42 | 8    |
| N30X42X10   | 30   | 42 | 10   |
| N30X45X10   | 30   | 45 | 10   |
| N32X40X4    | 32   | 40 | 4    |
| N32X40X5    | 32   | 40 | 5    |
| N32X44X6    | 32   | 44 | 6    |
| N35X45X6    | 35   | 45 | 6    |
| N35X47X6    | 35   | 47 | 6    |
| N35X50X10   | 35   | 50 | 10   |
| N36X46X5    | 36   | 46 | 5    |
| N36X50X7    | 36   | 50 | 7    |
| N38X50X10   | 38   | 50 | 10   |
| N40X50X5    | 40   | 50 | 5    |
| N40X50X6    | 40   | 50 | 6    |
| N40X56X8    | 40   | 56 | 8    |
| N40X56X10   | 40   | 56 | 10   |
| N42X52X7    | 42   | 52 | 7    |
| N45X55X6    | 45   | 55 | 6    |
| N45X65X12   | 45   | 65 | 12   |
| N48X60X6    | 48   | 60 | 6    |

|              |      |     |     |
|--------------|------|-----|-----|
| N50X60X7     | 50   | 60  | 7   |
| N50X63X9     | 50   | 63  | 9   |
| N50X65X10    | 50   | 65  | 10  |
| N50X70X10    | 50   | 70  | 10  |
| N53X63X6     | 53   | 63  | 6   |
| N55X75X10    | 55   | 75  | 10  |
| N60X70X6     | 60   | 70  | 6   |
| N60X80X10    | 60   | 80  | 10  |
| N65X75X7,3   | 65   | 75  | 7,3 |
| N65X80X7,5   | 65   | 80  | 7,5 |
| N70X80X7     | 70   | 80  | 7   |
| N70X85X7,5   | 70   | 85  | 7,5 |
| N70X90X10    | 70   | 90  | 10  |
| N75X85X12    | 75   | 85  | 12  |
| N80X90X5     | 80   | 90  | 5   |
| N80X100X10   | 80   | 100 | 10  |
| N80X100X12   | 80   | 100 | 12  |
| N80X105X12   | 80   | 105 | 12  |
| N85X100X12   | 85   | 100 | 12  |
| N85X105X10   | 85   | 105 | 10  |
| N85X105X15   | 85   | 105 | 15  |
| N86,9X101X11 | 86,9 | 101 | 11  |
| N88X100X6    | 88   | 100 | 6   |
| N90X110X10   | 90   | 110 | 10  |
| N90X110X15   | 90   | 110 | 15  |
| N90X120X15   | 90   | 120 | 15  |
| N92X100X6    | 92   | 100 | 6   |
| N95X115X10   | 95   | 115 | 10  |
| N100X120X10  | 100  | 120 | 10  |
| N100X120X12  | 100  | 120 | 12  |
| N140X160X14  | 140  | 160 | 14  |
| N160X180X15  | 160  | 180 | 15  |
| N170X200X15  | 170  | 200 | 15  |

# UN



## OMINAISUUDET

Materiaali Polyuretaani  
Paine 400 bar  
Nopeus 0,5 m/s  
Lämpötila -30 – +110 °C

| Tuotekoodi       | d   | D     | H    |
|------------------|-----|-------|------|
| UN3X8X3,5        | 3   | 8     | 3,5  |
| UN3X9X4,5        | 3   | 9     | 4,5  |
| UN4X10X4         | 4   | 10    | 4    |
| UN5X11X4         | 5   | 11    | 4    |
| UN5X11X7,9       | 5   | 11    | 7,9  |
| UN5X12X5         | 5   | 12    | 5    |
| UN5X12X6         | 5   | 12    | 6    |
| UN5,5X12X7,5     | 5,5 | 12    | 7,5  |
| UN6X12X6         | 6   | 12    | 6    |
| UN6X14X6         | 6   | 14    | 6    |
| UN6X14X8         | 6   | 14    | 8    |
| UN6X15X8         | 6   | 15    | 8    |
| UN7X11X8         | 7   | 11    | 8    |
| UN7X14X8         | 7   | 14    | 8    |
| UN8X14X4         | 8   | 14    | 4    |
| UN8X14X6         | 8   | 14    | 6    |
| UN8X15X8         | 8   | 15    | 8    |
| UN8X16X6         | 8   | 16    | 6    |
| UN8X16X8         | 8   | 16    | 8    |
| UN8X18X6         | 8   | 18    | 6    |
| UN9,5X19,05X6,35 | 9,5 | 19,05 | 6,35 |
| UN10X16X4        | 10  | 16    | 4    |

|                  |      |      |      |
|------------------|------|------|------|
| UN10X16X6        | 10   | 16   | 6    |
| UN10X18X5        | 10   | 18   | 5    |
| UN10X18X6        | 10   | 18   | 6    |
| UN10X18X8        | 10   | 18   | 8    |
| UN10X20X6        | 10   | 20   | 6    |
| UN10X20X8        | 10   | 20   | 8    |
| UN12X16X6        | 12   | 16   | 6    |
| UN12X17X3        | 12   | 17   | 3    |
| UN12X18X5        | 12   | 18   | 5    |
| UN12X18X6        | 12   | 18   | 6    |
| UN12X20X8        | 12   | 20   | 8    |
| UN12X22X8        | 12   | 22   | 8    |
| UN12X25X10       | 12   | 25   | 10   |
| UN13X25X6        | 13   | 25   | 6    |
| UN14X22X8        | 14   | 22   | 8    |
| UN14X24X8        | 14   | 24   | 8    |
| UN15X25X8        | 15   | 25   | 8    |
| UN15X25X10       | 15   | 25   | 10   |
| UN15,8X22,2X6,35 | 15,8 | 22,2 | 6,35 |
| UN16X22X4        | 16   | 22   | 4    |
| UN16X22X5        | 16   | 22   | 5    |
| UN16X26X8        | 16   | 26   | 8    |
| UN16X28X5        | 16   | 28   | 5    |

|             |    |    |     |
|-------------|----|----|-----|
| UN17X25X10  | 17 | 25 | 10  |
| UN18X25X5   | 18 | 25 | 5   |
| UN18X26X5   | 18 | 26 | 5   |
| UN18X26X8   | 18 | 26 | 8   |
| UN18X28X8   | 18 | 28 | 8   |
| UN18X30X10  | 18 | 28 | 10  |
| UN18X30X5   | 18 | 30 | 5   |
| UN18X30X8   | 18 | 30 | 8   |
| UN18X30X10  | 18 | 30 | 10  |
| UN18X35X8,5 | 18 | 35 | 8,5 |
| UN19X25X6   | 19 | 25 | 6   |
| UN20X26X5   | 20 | 26 | 5   |
| UN20X28X5   | 20 | 28 | 5   |
| UN20X28X6   | 20 | 28 | 6   |
| UN20X28X8   | 20 | 28 | 8   |
| UN20X30X5   | 20 | 30 | 5   |
| UN20X30X6   | 20 | 30 | 6   |
| UN20X30X8   | 20 | 30 | 8   |
| UN20X30X10  | 20 | 30 | 10  |
| UN20X32X7,5 | 20 | 32 | 7,5 |
| UN20X40X10  | 20 | 40 | 10  |
| UN20X40X12  | 20 | 40 | 12  |
| UN22X30X7   | 22 | 30 | 7   |

|             |    |    |     |                    |       |       |      |                  |      |      |      |
|-------------|----|----|-----|--------------------|-------|-------|------|------------------|------|------|------|
| UN22X30X10  | 22 | 30 | 10  | UN38X48X7,5        | 38    | 48    | 7,5  | UN55X70X10       | 55   | 70   | 10   |
| UN22X32X8   | 22 | 32 | 8   | UN38X50X10         | 38    | 50    | 10   | UN55X70X12       | 55   | 70   | 12   |
| UN22X35X10  | 22 | 35 | 10  | UN38X55X10         | 38    | 55    | 10   | UN55X75X10       | 55   | 75   | 10   |
| UN25X32X4   | 25 | 32 | 4   | UN38X58X10         | 38    | 58    | 10   | UN55X75X12       | 55   | 75   | 12   |
| UN25X32X8   | 25 | 32 | 8   | UN38,1X57,15X12,7  | 38,1  | 57,15 | 12,7 | UN56X66X6,7      | 56   | 66   | 6,7  |
| UN25X33X5   | 25 | 33 | 5   | UN40X48X8          | 40    | 48    | 8    | UN56X71X10       | 56   | 71   | 10   |
| UN25X33X8   | 25 | 33 | 8   | UN40X48X12         | 40    | 48    | 12   | UN58X68X5        | 58   | 68   | 5    |
| UN25X35X5   | 25 | 35 | 5   | UN40X50X5          | 40    | 50    | 5    | UN60X70X5        | 60   | 70   | 5    |
| UN25X35X6   | 25 | 35 | 6   | UN40X50X6          | 40    | 50    | 6    | UN60X70X6        | 60   | 70   | 6    |
| UN25X35X8   | 25 | 35 | 8   | UN40X50X8          | 40    | 50    | 8    | UN60X70X8        | 60   | 70   | 8    |
| UN25X35X10  | 25 | 35 | 10  | UN40X50X10         | 40    | 50    | 10   | UN60X70X10       | 60   | 70   | 10   |
| UN25X36X7   | 25 | 36 | 7   | UN40X55X10         | 40    | 55    | 10   | UN60X70X12       | 60   | 70   | 12   |
| UN25X36X8   | 25 | 36 | 8   | UN40X56X10         | 40    | 56    | 10   | UN60X75X10       | 60   | 75   | 10   |
| UN25X38X10  | 25 | 38 | 10  | UN40X60X10         | 40    | 60    | 10   | UN60X75X12       | 60   | 75   | 12   |
| UN25X40X10  | 25 | 40 | 10  | UN40X60X12         | 40    | 60    | 12   | UN60X80X10       | 60   | 80   | 10   |
| UN25X45X10  | 25 | 45 | 10  | UN40X65X10         | 40    | 65    | 10   | UN60X80X12       | 60   | 80   | 12   |
| UN27X35X10  | 27 | 35 | 10  | UN40X65X12         | 40    | 65    | 12   | UN63X75X9        | 63   | 75   | 9    |
| UN27X36X7,3 | 27 | 36 | 7,3 | UN42X50X5          | 42    | 50    | 5    | UN63X75X12       | 63   | 75   | 12   |
| UN28X36X5   | 28 | 36 | 5   | UN42X50X8          | 42    | 50    | 8    | UN63X83X12       | 63   | 83   | 12   |
| UN28X38X8   | 28 | 38 | 8   | UN42X52X10         | 42    | 52    | 10   | UN65X75X6        | 65   | 75   | 6    |
| UN28X38X10  | 28 | 38 | 10  | UN44,45X57,15X9,52 | 44,45 | 57,15 | 9,52 | UN65X75X7,3      | 65   | 75   | 7,3  |
| UN28X39X4   | 28 | 39 | 4   | UN45X52X10         | 45    | 52    | 10   | UN65X75X10       | 65   | 75   | 10   |
| UN28X40X8   | 28 | 40 | 8   | UN45X53X8          | 45    | 53    | 8    | UN65X75X12       | 65   | 75   | 12   |
| UN28X40X10  | 28 | 40 | 10  | UN45X55X6          | 45    | 55    | 6    | UN65X80X9        | 65   | 80   | 9    |
| UN28X44X8   | 28 | 44 | 8   | UN45X55X7          | 45    | 55    | 7    | UN65X80X10       | 65   | 80   | 10   |
| UN28X50X12  | 28 | 50 | 12  | UN45X55X10         | 45    | 55    | 10   | UN65X80X12       | 65   | 80   | 12   |
| UN30X38X7   | 30 | 38 | 7   | UN45X60X10         | 45    | 60    | 10   | UN65X85X10       | 65   | 85   | 10   |
| UN30X38X8   | 30 | 38 | 8   | UN45X63X10         | 45    | 63    | 10   | UN65X85X12       | 65   | 85   | 12   |
| UN30X40X6,5 | 30 | 40 | 6,5 | UN45X63X12         | 45    | 63    | 12   | UN65X90X12       | 65   | 90   | 12   |
| UN30X40X8   | 30 | 40 | 8   | UN45X65X10         | 45    | 65    | 10   | UN70X80X5        | 70   | 80   | 5    |
| UN30X40X10  | 30 | 40 | 10  | UN45X65X12         | 45    | 65    | 12   | UN70X80X6        | 70   | 80   | 6    |
| UN30X42X6   | 30 | 42 | 6   | UN47X62X10         | 47    | 62    | 10   | UN70X80X6,4      | 70   | 80   | 6,4  |
| UN30X42X10  | 30 | 42 | 10  | UN47X62X12         | 47    | 62    | 12   | UN70X80X7        | 70   | 80   | 7    |
| UN30X45X10  | 30 | 45 | 10  | UN48X58X10         | 48    | 58    | 10   | UN70X80X8        | 70   | 80   | 8    |
| UN30X50X10  | 30 | 50 | 10  | UN50X60X5          | 50    | 60    | 5    | UN70X80X10       | 70   | 80   | 10   |
| UN30X50X12  | 30 | 50 | 12  | UN50X60X6          | 50    | 60    | 6    | UN70X80X12       | 70   | 80   | 12   |
| UN32X40X5   | 32 | 40 | 5   | UN50X60X7          | 50    | 60    | 7    | UN70X85X9        | 70   | 85   | 9    |
| UN32X40X6   | 32 | 40 | 6   | UN50X60X8          | 50    | 60    | 8    | UN70X85X10       | 70   | 85   | 10   |
| UN32X40X7   | 32 | 40 | 7   | UN50X60X10         | 50    | 60    | 10   | UN70X85X12       | 70   | 85   | 12   |
| UN32X40X8   | 32 | 40 | 8   | UN50X60X12         | 50    | 60    | 12   | UN70X90X10       | 70   | 90   | 10   |
| UN32X42X6   | 32 | 42 | 6   | UN50X63X8          | 50    | 63    | 8    | UN70X90X12       | 70   | 90   | 12   |
| UN32X42X10  | 32 | 42 | 10  | UN50X63X10         | 50    | 63    | 10   | UN70X95X12       | 70   | 95   | 12   |
| UN32X45X10  | 32 | 45 | 10  | UN50X65X8          | 50    | 65    | 8    | UN75X85X6        | 75   | 85   | 6    |
| UN32X47X10  | 32 | 47 | 10  | UN50X65X10         | 50    | 65    | 10   | UN75X85X10       | 75   | 85   | 10   |
| UN32X48X10  | 32 | 48 | 10  | UN50X65X12         | 50    | 65    | 12   | UN75X85X12       | 75   | 85   | 12   |
| UN35X42X8   | 35 | 42 | 8   | UN50X70X10         | 50    | 70    | 10   | UN75X90X9        | 75   | 90   | 9    |
| UN35X43X6   | 35 | 43 | 6   | UN50X70X12         | 50    | 70    | 12   | UN75X90X10       | 75   | 90   | 10   |
| UN35X43X8   | 35 | 43 | 8   | UN50,8X60,3X9,52   | 50,8  | 60,3  | 9,52 | UN75X90X12       | 75   | 90   | 12   |
| UN35X45X6   | 35 | 45 | 6   | UN50,8X63,5X9,52   | 50,8  | 63,5  | 9,52 | UN75X95X10       | 75   | 95   | 10   |
| UN35X45X8   | 35 | 45 | 8   | UN50,8X66,67X9,52  | 50,8  | 66,67 | 9,52 | UN75X95X12       | 75   | 95   | 12   |
| UN35X45X10  | 35 | 45 | 10  | UN50,8X66,67X11,1  | 50,8  | 66,67 | 11,1 | UN76,2X88,9X9,52 | 76,2 | 88,9 | 9,52 |
| UN35X50X8   | 35 | 50 | 8   | UN52X62X10         | 52    | 62    | 10   | UN80X90X5        | 80   | 90   | 5    |
| UN35X50X10  | 35 | 50 | 10  | UN53X63X7          | 53    | 63    | 7    | UN80X90X8        | 80   | 90   | 8    |
| UN35X55X10  | 35 | 55 | 10  | UN53X63X10         | 53    | 63    | 10   | UN80X90X10       | 80   | 90   | 10   |
| UN35X55X12  | 35 | 55 | 12  | UN53X63X12         | 53    | 63    | 12   | UN80X90X12       | 80   | 90   | 12   |
| UN35X60X12  | 35 | 60 | 12  | UN55X65X6          | 55    | 65    | 6    | UN80X95X9        | 80   | 95   | 9    |
| UN36X45X10  | 36 | 45 | 10  | UN55X65X7,2        | 55    | 65    | 7,2  | UN80X95X9,2      | 80   | 95   | 9,2  |
| UN36X46X7   | 36 | 46 | 7   | UN55X65X10         | 55    | 65    | 10   | UN80X95X10       | 80   | 95   | 10   |
| UN36X46X7,3 | 36 | 46 | 7,3 | UN55X65X12         | 55    | 65    | 12   | UN80X95X12       | 80   | 95   | 12   |
| UN38X45X6   | 38 | 45 | 6   | UN55X65X13,5       | 55    | 65    | 13,5 | UN80X100X8       | 80   | 100  | 8    |

# UN

|               |     |       |    |              |     |     |    |
|---------------|-----|-------|----|--------------|-----|-----|----|
| UN80X100X10   | 80  | 100   | 10 | UN110X130X12 | 110 | 130 | 12 |
| UN80X100X12   | 80  | 100   | 12 | UN110X130X15 | 110 | 130 | 15 |
| UN80X101,6X12 | 80  | 101,6 | 12 | UN110X140X15 | 110 | 140 | 15 |
| UN85X95X12    | 85  | 95    | 12 | UN115X125X15 | 115 | 125 | 15 |
| UN85X100X9    | 85  | 100   | 9  | UN115X130X15 | 115 | 130 | 15 |
| UN85X100X12   | 85  | 100   | 12 | UN115X135X15 | 115 | 135 | 15 |
| UN85X105X12   | 85  | 105   | 12 | UN115X140X15 | 115 | 140 | 15 |
| UN90X100X5    | 90  | 100   | 5  | UN120X130X5  | 120 | 130 | 5  |
| UN90X100X7    | 90  | 100   | 7  | UN120X130X14 | 120 | 130 | 14 |
| UN90X100X10   | 90  | 100   | 10 | UN120X135X15 | 120 | 135 | 15 |
| UN90X100X12   | 90  | 100   | 12 | UN120X140X10 | 120 | 140 | 10 |
| UN90X105X9    | 90  | 105   | 9  | UN120X140X12 | 120 | 140 | 12 |
| UN90X105X12   | 90  | 105   | 12 | UN120X140X15 | 120 | 140 | 15 |
| UN90X107X12   | 90  | 107   | 12 | UN125X140X11 | 125 | 140 | 11 |
| UN90X110X12   | 90  | 110   | 12 | UN125X140X15 | 125 | 140 | 15 |
| UN90X115X12   | 90  | 115   | 12 | UN125X145X15 | 125 | 145 | 15 |
| UN90X115X15   | 90  | 115   | 15 | UN130X145X15 | 130 | 145 | 15 |
| UN90X120X15   | 90  | 120   | 15 | UN130X150X12 | 130 | 150 | 12 |
| UN95X105X12   | 95  | 105   | 12 | UN130X150X15 | 130 | 150 | 15 |
| UN95X110X10   | 95  | 110   | 10 | UN135X155X15 | 135 | 155 | 15 |
| UN95X110X12   | 95  | 110   | 12 | UN140X150X5  | 140 | 150 | 5  |
| UN95X115X9    | 95  | 115   | 9  | UN140X160X15 | 140 | 160 | 15 |
| UN95X115X12   | 95  | 115   | 12 | UN145X165X15 | 145 | 165 | 15 |
| UN95X115X15   | 95  | 115   | 15 | UN150X170X15 | 150 | 170 | 15 |
| UN100X110X5   | 100 | 110   | 5  | UN150X180X15 | 150 | 180 | 15 |
| UN100X115X12  | 100 | 115   | 12 | UN160X180X15 | 160 | 180 | 15 |
| UN100X120X12  | 100 | 120   | 12 | UN160X185X15 | 160 | 185 | 15 |
| UN100X120X15  | 100 | 120   | 15 | UN170X190X15 | 170 | 190 | 15 |
| UN100X125X15  | 100 | 125   | 15 | UN180X200X12 | 180 | 200 | 12 |
| UN105X120X15  | 105 | 120   | 15 | UN180X200X15 | 180 | 200 | 15 |
| UN105X125X10  | 105 | 125   | 10 | UN200X220X15 | 200 | 220 | 15 |
| UN105X125X12  | 105 | 125   | 12 | UN200X225X15 | 200 | 225 | 15 |
| UN105X125X15  | 105 | 125   | 15 | UN240X260X17 | 240 | 260 | 17 |
| UN110X125X12  | 110 | 125   | 12 | UN250X270X15 | 250 | 270 | 15 |
| UN110X125X15  | 110 | 125   | 15 | UN280X300X15 | 280 | 300 | 15 |
| UN110X130X10  | 110 | 130   | 10 |              |     |     |    |

# Männäntiivisteet



**MT5** 38



**MT3** 40



**MOK** 41



**MKR** 42



**MKR-OR** 42



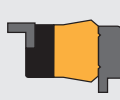
**MPDH** 44



**MGDP** 45



**MG18** 46



**MWKR** 47



**MN..C2** 48



**MUN** 49



**MAQ** 50

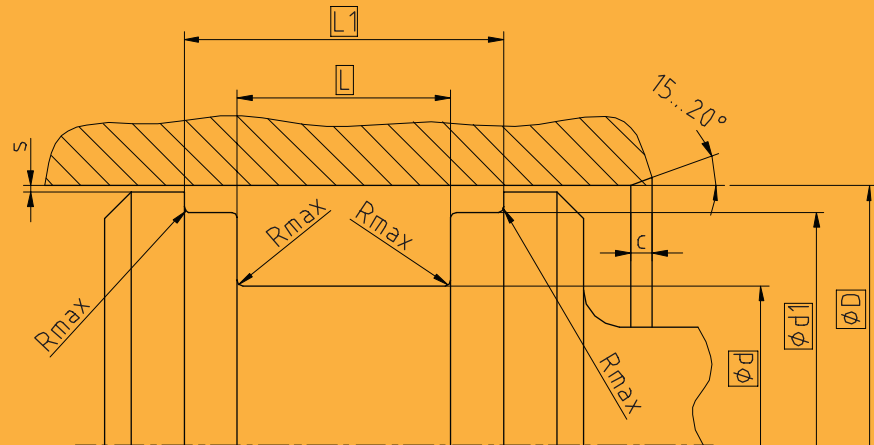


**MROTOR** 51



**EPO** 52

# MT5



## OMINAISUUDET

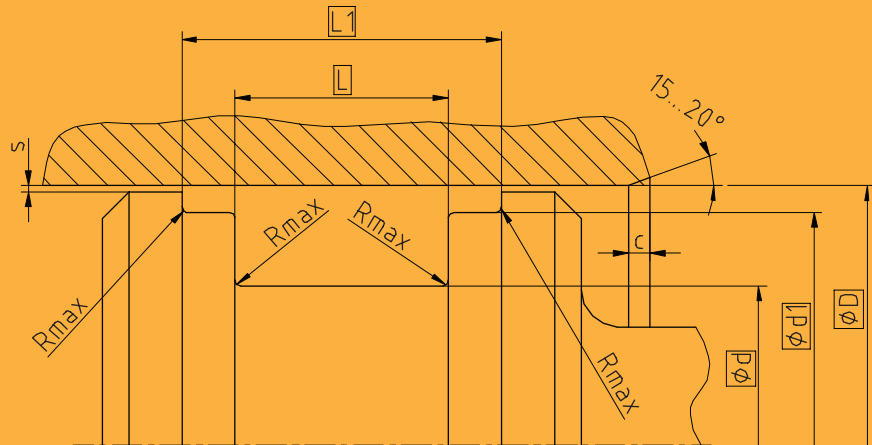
Materiaali Nitrilikumi/Polyasetäali/Polyesteri  
 Paine 300 bar  
 Nopeus 1,0 m/s  
 Lämpötila -20 – +110 °C

| Tuotekoodi           | D    | d     | L     | Huom                  | MT5-40X30X12,5/2      | 40    | 30    | 12,5  | OHJ. VAHVUUS<br>2mm |
|----------------------|------|-------|-------|-----------------------|-----------------------|-------|-------|-------|---------------------|
| MT5-25X17X10         | 25   | 17    | 10    |                       | MT5-40X30X16,4S       | 40    | 30    | 16,4  |                     |
| MT5-25X15X12,5       | 25   | 15    | 12,5  |                       | MT5-44,45X28,57X19,05 | 44,45 | 28,57 | 19,05 |                     |
| MT5-25X16X13,5       | 25   | 16    | 13,5  |                       | MT5-45X31X15,5        | 45    | 31    | 15,5  |                     |
| MT5-25X17X13,5       | 25   | 17    | 13,5  |                       | MT5-45X35X16,4        | 45    | 35    | 16,4  |                     |
| MT5-25X15X16,4       | 25   | 15    | 16,4  |                       | MT5-45X29X18,4        | 45    | 29    | 18,4  |                     |
| MT5-30X21X13,5       | 30   | 21    | 13,5  |                       | MT5-50X40X12,5        | 50    | 40    | 12,5  |                     |
| MT5-30X17X15,4       | 30   | 17    | 15,4  |                       | MT5-50X34X18,4        | 50    | 34    | 18,4  |                     |
| MT5-32X24X10         | 32   | 24    | 10    |                       | MT5-50X35X20          | 50    | 35    | 20    |                     |
| MT5-32X22X12,5       | 32   | 22    | 12,5  |                       | MT5-50X34X20,5        | 50    | 34    | 20,5  |                     |
| MT5-32X19X15,4       | 32   | 19    | 15,4  |                       | MT5-50X38X20,5        | 50    | 38    | 20,5  |                     |
| MT5-32X22X15,5       | 32   | 22    | 15,5  |                       | MT5-50,8X34,92X19,05  | 50,8  | 34,92 | 19,05 |                     |
| MT5-32X24X15,5       | 32   | 24    | 15,5  |                       | MT5-55X45X12,5        | 55    | 45    | 12,5  |                     |
| MT5-32X22X16,4       | 32   | 22    | 16,4  |                       | MT5-55X39X18,4        | 55    | 39    | 18,4  |                     |
| MT5-35X25X16,3       | 35   | 25    | 16,3  |                       | MT5-55X39X20,5        | 55    | 39    | 20,5  |                     |
| MT5-38,1X28,57X11,11 | 38,1 | 28,57 | 11,11 |                       | MT5-60X44X18,4        | 60    | 44    | 18,4  |                     |
| MT5-40X32X10         | 40   | 32    | 10    |                       | MT5-60X44X19,4        | 60    | 44    | 19,4  |                     |
| MT5-40X26X15,5       | 40   | 26    | 15,5  |                       | MT5-60X44X20,5        | 60    | 44    | 20,5  |                     |
| MT5-40X32X15,5       | 40   | 32    | 15,5  |                       | MT5-60X48X20,5        | 60    | 48    | 20,5  |                     |
| MT5-40X30X16,4       | 40   | 30    | 16,4  |                       | MT5-63X53X12,5        | 63    | 53    | 12,5  |                     |
| MT5-40X24X18,4       | 40   | 24    | 18,4  |                       | MT5-63X47X18,4        | 63    | 47    | 18,4  |                     |
| MT5-40X30X12,5/1     | 40   | 30    | 12,5  | OHJ. VAHVUUS<br>1,5mm | MT5-63X47X19,4        | 63    | 47    | 19,4  |                     |

|                      |       |       |       |                     |
|----------------------|-------|-------|-------|---------------------|
| MT5-63X48X20         | 63    | 48    | 20    |                     |
| MT5-63X47X20,5       | 63    | 47    | 20,5  |                     |
| MT5-63X51X20,5       | 63    | 51    | 20,5  |                     |
| MT5-63,5X47,62X19,05 | 63,5  | 47,62 | 19,05 |                     |
| MT5-65X50X18,4       | 65    | 50    | 18,4  |                     |
| MT5-65X49X20,5       | 65    | 49    | 20,5  |                     |
| MT5-70X55X20         | 70    | 55    | 20    |                     |
| MT5-70X54X20,5       | 70    | 54    | 20,5  |                     |
| MT5-70X58X20,5       | 70    | 58    | 20,5  |                     |
| MT5-70X50X22,4       | 70    | 50    | 22,4  |                     |
| MT5-70X50X35         | 70    | 50    | 35    |                     |
| MT5-75X59X20,5       | 75    | 59    | 20,5  |                     |
| MT5-75X55X22,4       | 75    | 55    | 22,4  |                     |
| MT5-76,2X57,15X23,81 | 76,2  | 57,15 | 23,81 |                     |
| MT5-80X65X20         | 80    | 65    | 20    |                     |
| MT5-80X60X22,4       | 80    | 60    | 22,4  |                     |
| MT5-80X62X22,5       | 80    | 62    | 22,5  |                     |
| MT5-80X66X22,5       | 80    | 66    | 22,5  |                     |
| MT5-80X60X25         | 80    | 60    | 25    |                     |
| MT5-85X65X22,4       | 85    | 65    | 22,4  |                     |
| MT5-85X65X22,5       | 85    | 65    | 22,5  |                     |
| MT5-88,9X69,85X23,81 | 88,9  | 69,85 | 23,81 |                     |
| MT5-90X75X20         | 90    | 75    | 20    |                     |
| MT5-90X70X22,4       | 90    | 70    | 22,4  |                     |
| MT5-90X72X22,5       | 90    | 72    | 22,5  |                     |
| MT5-90X76X22,5       | 90    | 76    | 22,5  |                     |
| MT5-90X75X20-S       | 90    | 75    | 20    | SUORAT OHJAI-MET    |
| MT5-92X82X12,5       | 92    | 82    | 12,5  |                     |
| MT5-95X75X22,4       | 95    | 75    | 22,4  |                     |
| MT5-100X85X20        | 100   | 85    | 20    |                     |
| MT5-100X75X22,4      | 100   | 75    | 22,4  |                     |
| MT5-100X82X22,5      | 100   | 82    | 22,5  |                     |
| MT5-100X86X22,5      | 100   | 86    | 22,5  |                     |
| MT5-100X80X25        | 100   | 80    | 25    |                     |
| MT5-100X80X35        | 100   | 80    | 35    |                     |
| MT5-105X80X22,4      | 105   | 80    | 22,4  |                     |
| MT5-110X95X20        | 110   | 95    | 20    |                     |
| MT5-110X85X22,4      | 110   | 85    | 22,4  |                     |
| MT5-110X92X22,5      | 110   | 92    | 22,5  |                     |
| MT5-110X96X22,5      | 110   | 96    | 22,5  |                     |
| MT5-110X85X25,4      | 110   | 85    | 25,4  |                     |
| MT5-110X85X45        | 110   | 85    | 45    |                     |
| MT5-114,3X88,9X31,75 | 114,3 | 88,9  | 31,75 |                     |
| MT5-115X90X22,4      | 115   | 90    | 22,4  |                     |
| MT5-115X97X22,5      | 115   | 97    | 22,5  |                     |
| MT5-115X90X45        | 115   | 90    | 45    |                     |
| MT5-120X95X22,4      | 120   | 95    | 22,4  |                     |
| MT5-120X106X22,5     | 120   | 106   | 22,5  |                     |
| MT5-120X100X35       | 120   | 100   | 35    |                     |
| MT5-125X105X25       | 125   | 105   | 25    | OHJ. VAHVUUS 3mm    |
| MT5-125X100X25,4     | 125   | 100   | 25,4  |                     |
| MT5-125X105X25,4     | 125   | 105   | 25,4  | OHJ. VAHVUUS 2,50mm |
| MT5-125X103X26,5     | 125   | 103   | 26,5  |                     |
| MT5-125X108X26,5     | 125   | 108   | 26,5  |                     |
| MT5-125X100X32       | 125   | 100   | 32    |                     |
| MT5-125X100X45       | 125   | 100   | 45    |                     |
| MT5-127X101,6X32,15  | 127   | 101,6 | 32,15 |                     |
| MT5-130X105X25,4     | 130   | 105   | 25,4  | OHJAIN 6,35mm       |

|                        |     |     |      |               |
|------------------------|-----|-----|------|---------------|
| MT5-130X110X35         | 130 | 110 | 35   |               |
| MT5-130X105X25,4/1     | 130 | 105 | 25,4 | OHJAIN 9,5mm  |
| MT5-135X110X25,4       | 135 | 110 | 25,4 |               |
| MT5-135X110X45         | 135 | 110 | 45   |               |
| MT5-135X110X25,4/6,35  | 135 | 110 | 25,4 | OHJAIN 6,35mm |
| MT5-140X120X25         | 140 | 120 | 25   |               |
| MT5-140X115X25,4       | 140 | 115 | 25,4 | OHJAIN 9,5mm  |
| MT5-140X118X26,5       | 140 | 118 | 26,5 |               |
| MT5-140X123X26,5       | 140 | 123 | 26,5 |               |
| MT5-140X115X45         | 140 | 115 | 45   |               |
| MT5-140X115X25,4/1     | 140 | 115 | 25,4 | OHJAIN 6,35mm |
| MT5-145X120X25,4       | 145 | 120 | 25,4 |               |
| MT5-150X130X25         | 150 | 130 | 25   |               |
| MT5-150X125X25,4       | 150 | 125 | 25,4 | OHJAIN 9,35mm |
| MT5-150X128X26,5       | 150 | 128 | 26,5 |               |
| MT5-150X133X26,5       | 150 | 133 | 26,5 |               |
| MT5-150X125X45         | 150 | 125 | 45   |               |
| MT5-150X125X25,4/1     | 150 | 125 | 25,4 | OHJAIN 6,35mm |
| MT5-155X130X25,4       | 155 | 130 | 25,4 |               |
| MT5-160X140X25         | 160 | 140 | 25   |               |
| MT5-160X130X25,4       | 160 | 130 | 25,4 | OHJAIN 9,5mm  |
| MT5-160X135X25,4       | 160 | 135 | 25,4 |               |
| MT5-160X138X26,5       | 160 | 138 | 26,5 |               |
| MT5-160X143X26,5       | 160 | 143 | 26,5 |               |
| MT5-160X135X32         | 160 | 135 | 32   |               |
| MT5-160X135X45         | 160 | 135 | 45   |               |
| MT5-160X130X25,4/1     | 160 | 130 | 25,4 | OHJAIN 6,35mm |
| MT5-165X140X25,4       | 165 | 140 | 25,4 |               |
| MT5-165X143X26,5       | 165 | 143 | 26,5 |               |
| MT5-170X140X25,4       | 170 | 140 | 25,4 |               |
| MT5-170X145X25,4       | 170 | 145 | 25,4 | OHJAIN 6,35mm |
| MT5-170X140X45         | 170 | 140 | 45   |               |
| MT5-170X145X25,4(12,7) | 170 | 145 | 25,4 | OHJAIN 12,7mm |
| MT5-175X150X25,4       | 175 | 150 | 25,4 | OHJAIN 12,7mm |
| MT5-180X155X25,4       | 180 | 155 | 25,4 |               |
| MT5-180X158X26,5       | 180 | 158 | 26,5 |               |
| MT5-180X150X35,4       | 180 | 150 | 35,4 |               |
| MT5-180X155X45         | 180 | 155 | 45   |               |
| MT5-185X160X25         | 185 | 160 | 25   | OHJAIN 12,7mm |
| MT5-190X165X25,4       | 190 | 165 | 25,4 |               |
| MT5-190X165X45         | 190 | 165 | 45   |               |
| MT5-200X175X25,4       | 200 | 175 | 25,4 |               |
| MT5-200X175X31,5       | 200 | 175 | 31,5 |               |
| MT5-200X170X35,4       | 200 | 170 | 35,4 |               |
| MT5-200X170X36         | 200 | 170 | 36   |               |
| MT5-200X175X45         | 200 | 175 | 45   |               |
| MT5-210X185X25,4       | 210 | 185 | 25,4 |               |
| MT5-220X195X25,4       | 220 | 195 | 25,4 |               |
| MT5-220X190X35,4       | 220 | 190 | 35,4 |               |
| MT5-220X195X45         | 220 | 195 | 45   |               |
| MT5-240X215X25,4       | 240 | 215 | 25,4 |               |
| MT5-250X220X35,4       | 250 | 220 | 35,4 |               |
| MT5-250X225X25,4       | 250 | 225 | 25,4 |               |
| MT5-250X225X45         | 250 | 225 | 45   |               |
| MT5-260X235X45         | 260 | 235 | 45   |               |
| MT5-270X245X45         | 270 | 245 | 45   |               |
| MT5-280X250X36,4       | 280 | 250 | 36,4 |               |
| MT5-300X275X45         | 300 | 275 | 45   |               |
| MT5-320X290X36         | 320 | 290 | 36   |               |

# MT3

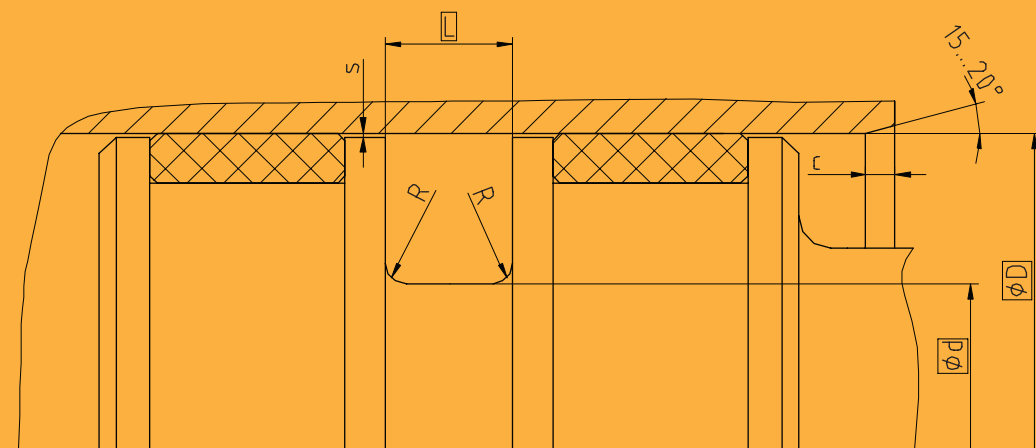


## OMINAISUUDET

Materiaali Nitrilikumi/Kudos/Polyasetaali  
 Paine 400 bar  
 Nopeus 0,8 m/s  
 Lämpötila -30 – +110 °C

| Tuotekoodi         | D    | d    | L    | Huom                    | MT3-80X66X22,5   | 80  | 66  | 22,5 |
|--------------------|------|------|------|-------------------------|------------------|-----|-----|------|
| MT3-25X17X13,5SI   | 25   | 17   | 13,5 | OHJAIMILLE<br>OMAT URAT | MT3-85X71X22,5   | 85  | 71  | 22,5 |
| MT3-32X24X15,5SI   | 32   | 24   | 15,5 |                         | MT3-90X76X22,5   | 90  | 76  | 22,5 |
| MT3-35X27X15,5SI   | 35   | 27   | 15,5 |                         | MT3-100X86X22,5  | 100 | 86  | 22,5 |
| MT3-40X32X15,5     | 40   | 32   | 15,5 |                         | MT3-110X96X22,5  | 110 | 96  | 22,5 |
| MT3-40X32X15,5SI   | 40   | 32   | 15,5 | OHJAIMILLE<br>OMAT URAT | MT3-110X85X25,4  | 110 | 85  | 25,4 |
| MT3-45X37X15,5     | 45   | 37   | 15,5 |                         | MT3-120X106X22,5 | 120 | 106 | 22,5 |
| MT3-45X37X9/12     | 45   | 37   | 9/12 |                         | MT3-125X100X25,4 | 125 | 100 | 25,4 |
| MT3-45X37X15,5SI   | 45   | 37   | 15,5 |                         | MT3-125X108X26,5 | 125 | 108 | 26,5 |
| MT3-50X38X20,5     | 50   | 38   | 20,5 |                         | MT3-140X123X26,5 | 140 | 123 | 26,5 |
| MT3-60X48X20,5     | 60   | 48   | 20,5 |                         | MT3-150X133X26,5 | 150 | 133 | 26,5 |
| MT3-63X51X20,5     | 63   | 51   | 20,5 |                         | MT3-160X143X26,5 | 160 | 143 | 26,5 |
| MT3-63,5X47,6X23,8 | 63,5 | 47,6 | 23,8 |                         | MT3-180X163X26,5 | 180 | 163 | 26,5 |
| MT3-70X58X20,5     | 70   | 58   | 20,5 |                         | MT3-180X150X35,4 | 180 | 150 | 35,4 |
| MT3-70X50X31       | 70   | 50   | 31   |                         | MT3-200X180X31,5 | 200 | 180 | 31,5 |
| MT3-75X63X20,5     | 75   | 63   | 20,5 |                         | MT3-220X194X31   | 220 | 194 | 31   |
| MT3-80X60X22,4     | 80   | 60   | 22,4 |                         | MT3-220X200X31,5 | 220 | 200 | 31,5 |
|                    |      |      |      |                         | MT3-250X225X31   | 250 | 225 | 31   |
|                    |      |      |      |                         | MT3-250X230X31,5 | 250 | 230 | 31,5 |

# MOK



## OMINAISUUDET

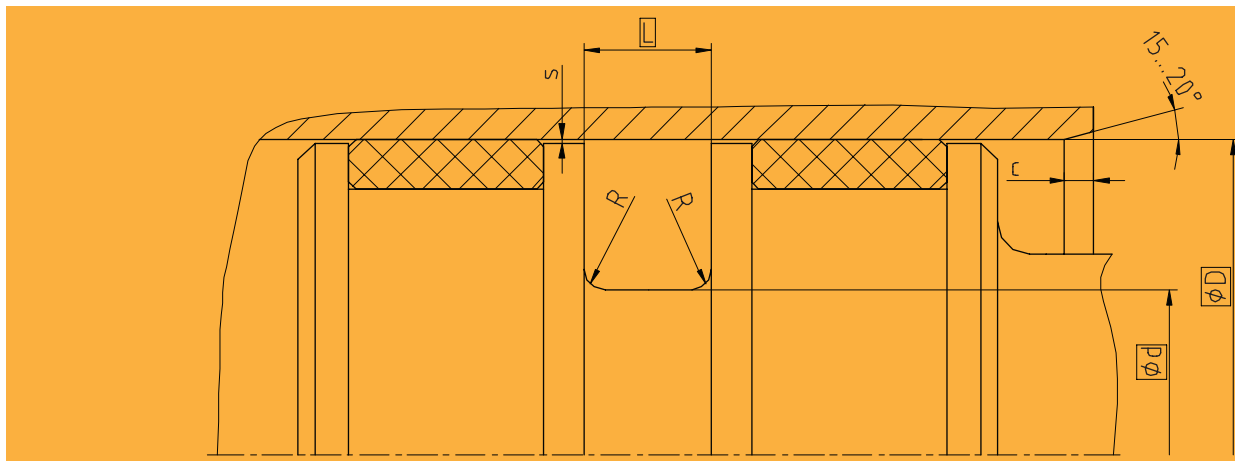
Materiaali Polyasetaali / Nitrilikumi  
 Paine 500 bar  
 Nopeus 1,0 m/s  
 Lämpötila -30 – +110 °C

| Tuotekoodi     | D  | d    | L   | MOK90X74,5X6,3   | 90  | 74,5  | 6,3 | MOK160X139X8,1   | 160 | 139   | 8,1 |
|----------------|----|------|-----|------------------|-----|-------|-----|------------------|-----|-------|-----|
| MOK32X21X4,2   | 32 | 21   | 4,2 | MOK90X69X8,1     | 90  | 69    | 8,1 | MOK165X144X8,1   | 165 | 144   | 8,1 |
| MOK40X29X4,2   | 40 | 29   | 4,2 | MOK95X74X8,1     | 95  | 74    | 8,1 | MOK170X149X8,1   | 170 | 149   | 8,1 |
| MOK50X39X4,2   | 50 | 39   | 4,2 | MOK100X84,5X6,3  | 100 | 84,5  | 6,3 | MOK180X159X8,1   | 180 | 159   | 8,1 |
| MOK50X34,5X6,3 | 50 | 34,5 | 6,3 | MOK100X79X8,1    | 100 | 79    | 8,1 | MOK190X169X8,1   | 190 | 169   | 8,1 |
| MOK60X49X4,2   | 60 | 49   | 4,2 | MOK105X84X8,1    | 105 | 84    | 8,1 | MOK200X179X8,1   | 200 | 179   | 8,1 |
| MOK60X41,7X7   | 60 | 41,7 | 7   | MOK110X94,5X6,3  | 110 | 94,5  | 6,3 | MOK210X189X8,1   | 210 | 189   | 8,1 |
| MOK63X52X4,2   | 63 | 52   | 4,2 | MOK110X89X8,1    | 110 | 89    | 8,1 | MOK220X199X8,1   | 220 | 199   | 8,1 |
| MOK63X47,5X6,3 | 63 | 47,5 | 6,3 | MOK115X94X8,1    | 115 | 94    | 8,1 | MOK230X209X8,1   | 230 | 209   | 8,1 |
| MOK70X59X4,2   | 70 | 59   | 4,2 | MOK120X99X8,1    | 120 | 99    | 8,1 | MOK250X229X8,1   | 250 | 229   | 8,1 |
| MOK70X51,7X7   | 70 | 51,7 | 7   | MOK125X109,5X6,3 | 125 | 109,5 | 6,3 | MOK260X239X8,1   | 260 | 239   | 8,1 |
| MOK75X59,5X6,3 | 75 | 59,5 | 6,3 | MOK125X104X8,1   | 125 | 104   | 8,1 | MOK280X255,5X8,1 | 280 | 255,5 | 8,1 |
| MOK75X54X8,1   | 75 | 54   | 8,1 | MOK130X109X8,1   | 130 | 109   | 8,1 |                  |     |       |     |
| MOK80X64,5X6,3 | 80 | 64,5 | 6,3 | MOK135X114X8,1   | 135 | 114   | 8,1 |                  |     |       |     |
| MOK80X59X8,1   | 80 | 59   | 8,1 | MOK140X119X8,1   | 140 | 119   | 8,1 |                  |     |       |     |
| MOK85X64X8,1   | 85 | 64   | 8,1 | MOK150X129X8,1   | 150 | 129   | 8,1 |                  |     |       |     |

# MKR



# MKR-OR



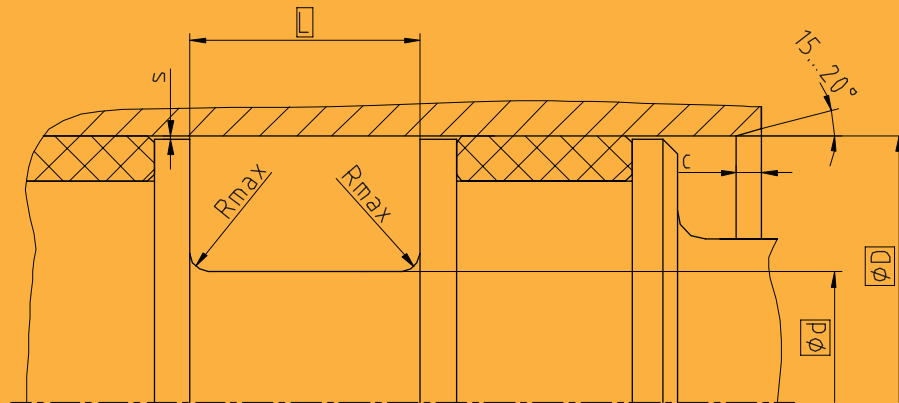
## OMINAISUUDET

Materiaali Polyuretaani / Nitrilikumi  
Paine 400 bar  
Nopeus 1,0 m/s  
Lämpötila -30 – +100 °C

Materiaali Polyuretaani / Nitrilikumi  
Paine 300 bar  
Nopeus 1,0 m/s  
Lämpötila -30 – +100 °C

| Tuotekoodi        | D  | d    | L   |                     |     |       |      |
|-------------------|----|------|-----|---------------------|-----|-------|------|
| MKR20X12,5X3,2-OR | 20 | 12,5 | 3,2 | MKR80X66,5X6,3      | 80  | 66,5  | 6,3  |
| MKR25X17,5X3,2    | 25 | 17,5 | 3,2 | MKR85X69,5X6,3      | 85  | 69,5  | 6,3  |
| MKR25X17,5X3,2-OR | 25 | 17,5 | 3,2 | MKR90X74,5X6,3      | 90  | 74,5  | 6,3  |
| MKR30X22,5X3,2    | 30 | 22,5 | 3,2 | MKR90X74,5X6,3-OR   | 90  | 74,5  | 6,3  |
| MKR32X24,5X3,2    | 32 | 24,5 | 3,2 | MKR95X79,5X6,3-OR   | 95  | 79,5  | 6,3  |
| MKR32X24,5X3,2-OR | 32 | 24,5 | 3,2 | MKR100X84,5X6,3     | 100 | 84,5  | 6,3  |
| MKR32X21X4,2-OR   | 32 | 21   | 4,2 | MKR100X84,5X6,3-OR  | 100 | 84,5  | 6,3  |
| MKR35X27,5X3,2-OR | 35 | 27,5 | 3,2 | MKR100X86,5X6,3     | 100 | 86,5  | 6,3  |
| MKR40X29X4,2      | 40 | 29   | 4,2 | MKR100X85,7X7       | 100 | 85,7  | 7    |
| MKR40X29X4,2-OR   | 40 | 29   | 4,2 | MKR100X79X8,1       | 100 | 79    | 8,1  |
| MKR50X39X4,2      | 50 | 39   | 4,2 | MKR105X84X8,1       | 105 | 84    | 8,1  |
| MKR50X39X4,2-OR   | 50 | 39   | 4,2 | MKR110X94,5X6,3     | 110 | 94,5  | 6,3  |
| MKR50X34,5X6,3    | 50 | 34,5 | 6,3 | MKR110X94,5X6,3-OR  | 110 | 94,5  | 6,3  |
| MKR55X44X4,2      | 55 | 44   | 4,2 | MKR110X89X8,1       | 110 | 89    | 8,1  |
| MKR55X39,5X6,3    | 55 | 39,5 | 6,3 | MKR115X99,5X6,3-OR  | 115 | 99,5  | 6,3  |
| MKR60X49X4,2      | 60 | 49   | 4,2 | MKR115X94X8,1       | 115 | 94    | 8,1  |
| MKR60X49X4,2-OR   | 60 | 49   | 4,2 | MKR120X104,5X6,3-OR | 120 | 104,5 | 6,3  |
| MKR60X44,5X6,3    | 60 | 44,5 | 6,3 | MKR120X99X8,1       | 120 | 99    | 8,1  |
| MKR60X44,5X6,3-OR | 60 | 44,5 | 6,3 | MKR120X99X10,5      | 120 | 99    | 10,5 |
| MKR63X52X4,2      | 63 | 52   | 4,2 | MKR125X109,5X6,3    | 125 | 109,5 | 6,3  |
| MKR63X52X4,2-OR   | 63 | 52   | 4,2 | MKR125X109,5X6,3-OR | 125 | 109,5 | 6,3  |
| MKR63X47,5X6,3    | 63 | 47,5 | 6,3 | MKR125X104X8,1      | 125 | 104   | 8,1  |
| MKR63X54X7        | 63 | 54   | 7   | MKR125X104X10,5     | 125 | 104   | 10,5 |
| MKR65X54X4,2-OR   | 65 | 54   | 4,2 | MKR130X109X8,1-OR   | 130 | 109   | 8,1  |
| MKR65X49,5X6,3-OR | 65 | 49,5 | 6,3 | MKR140X119X8,1      | 140 | 119   | 8,1  |
| MKR65X52X6,3      | 65 | 52   | 6,3 | MKR140X119X8,1-OR   | 140 | 119   | 8,1  |
| MKR70X59X4,2      | 70 | 59   | 4,2 | MKR150X129X8,1-OR   | 150 | 129   | 8,1  |
| MKR70X59X4,2-OR   | 70 | 59   | 4,2 | MKR150X129X10,5     | 150 | 129   | 10,5 |
| MKR70X54,5X6,3    | 70 | 54,5 | 6,3 | MKR160X139X8,1      | 160 | 139   | 8,1  |
| MKR70X54,5X6,3-OR | 70 | 54,5 | 6,3 | MKR160X139X8,1-OR   | 160 | 139   | 8,1  |
| MKR70X57X6,3      | 70 | 57   | 6,3 | MKR170X149X8,1      | 170 | 149   | 8,1  |
| MKR75X64X4,2      | 75 | 64   | 4,2 | MKR175X154X8,1      | 175 | 154   | 8,1  |
| MKR75X59,5X6,3    | 75 | 59,5 | 6,3 | MKR180X159X8,1      | 180 | 159   | 8,1  |
| MKR75X59,5X6,3-OR | 75 | 59,5 | 6,3 | MKR180X159X8,1-OR   | 180 | 159   | 8,1  |
| MKR80X69X4,2      | 80 | 69   | 4,2 | MKR190X169X8,1      | 190 | 169   | 8,1  |
| MKR80X64,5X6,3    | 80 | 64,5 | 6,3 | MKR200X179X8,1      | 200 | 179   | 8,1  |
| MKR80X64,5X6,3-OR | 80 | 64,5 | 6,3 | MKR220X199X8,1      | 220 | 199   | 8,1  |

# MPDH

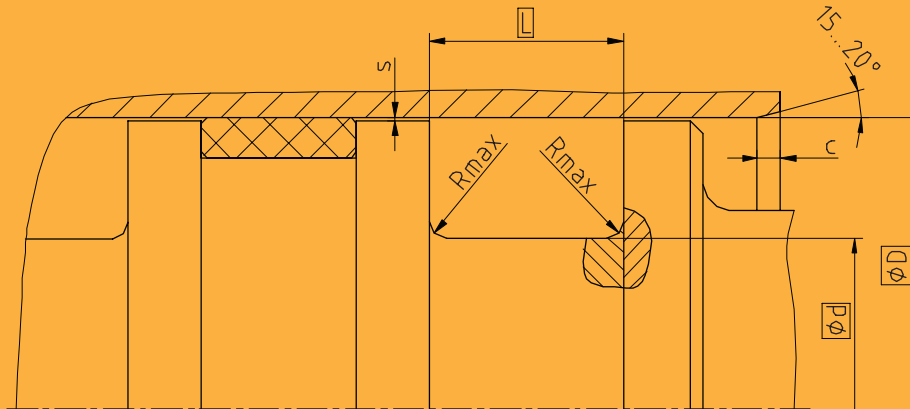
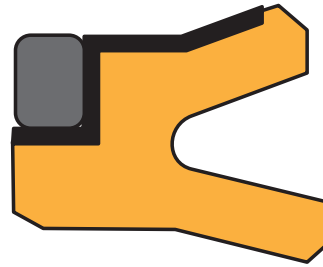


## OMINAISUUDET

Materiaali PronssiPTFE / Nitrilikumi / Polyasetaali  
 Paine 500 bar  
 Nopeus 1,5 m/s  
 Lämpötila -30 – +100 °C

| Tuotekoodi        | D   | d   | L    | MPDH130X107X16    | 130 | 107   | 16   |
|-------------------|-----|-----|------|-------------------|-----|-------|------|
| MPDH50X36X9       | 50  | 36  | 9    | MPDH135X112X16    | 135 | 112   | 16   |
| MPDH55X41X9       | 55  | 41  | 9    | MPDH140X117X16    | 140 | 117   | 16   |
| MPDH60X46X9       | 60  | 46  | 9    | MPDH140X121X17    | 140 | 121   | 17   |
| MPDH63X53X8       | 63  | 53  | 8    | MPDH140X121,4X19L | 140 | 121,4 | 19   |
| MPDH65X50X11      | 65  | 50  | 11   | MPDH145X122X16    | 145 | 122   | 16   |
| MPDH70X55X11      | 70  | 55  | 11   | MPDH150X127X16    | 150 | 127   | 16   |
| MPDH75X60X10,5    | 75  | 60  | 10,5 | MPDH160X145X12,5  | 160 | 145   | 12,5 |
| MPDH80X65X11      | 80  | 65  | 11   | MPDH160X137X16    | 160 | 137   | 16   |
| MPDH85X70X11      | 85  | 70  | 11   | MPDH160X141,5X19  | 160 | 141,5 | 19   |
| MPDH90X75X11      | 90  | 75  | 11   | MPDH165X142X16    | 165 | 142   | 16   |
| MPDH95X80X11      | 95  | 80  | 11   | MPDH170X147X16    | 170 | 147   | 16   |
| MPDH100X85X12,5   | 100 | 85  | 12,5 | MPDH180X157X16    | 180 | 157   | 16   |
| MPDH100X85X12,5PU | 100 | 85  | 12,5 | MPDH185X162X16    | 185 | 162   | 16   |
| MPDH105X90X12,5   | 105 | 90  | 12,5 | MPDH190X167X16    | 190 | 167   | 16   |
| MPDH110X95X12,5   | 110 | 95  | 12,5 | MPDH200X177X16    | 200 | 177   | 16   |
| MPDH115X100X12,5  | 115 | 100 | 12,5 | MPDH220X197X16    | 220 | 197   | 16   |
| MPDH120X105X12,5  | 120 | 105 | 12,5 | MPDH225X202X16    | 225 | 202   | 16   |
| MPDH125X102X16    | 125 | 102 | 16   |                   |     |       |      |

# MGDP

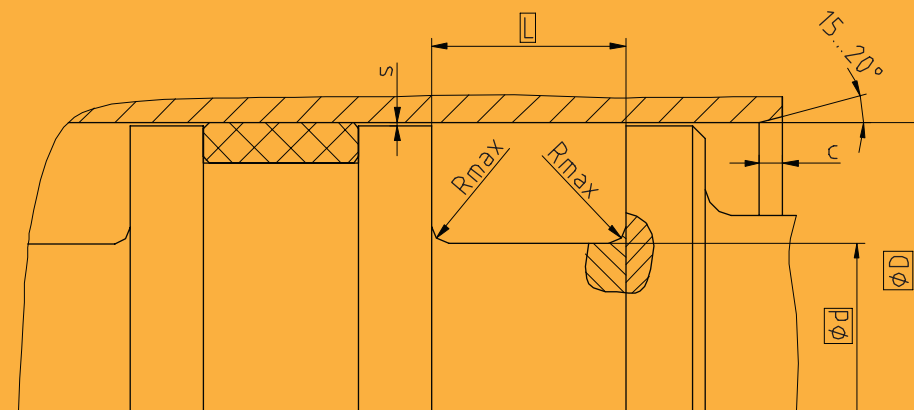


## OMINAISUUDET

Materiaali Nitrilikumi / Kudos / Polyasetaali  
Paine 400 bar  
Nopeus 0,5 m/s  
Lämpötila -30 – +100 °C

| Tuotekoodi     | D   | d   | L  |
|----------------|-----|-----|----|
| MGDP40X25X10   | 40  | 25  | 10 |
| MGDP50X35X10   | 50  | 35  | 10 |
| MGDP63X48X10   | 63  | 48  | 10 |
| MGDP80X65X10   | 80  | 65  | 10 |
| MGDP100X80X12  | 100 | 80  | 12 |
| MGDP125X105X12 | 125 | 105 | 12 |
| MGDP140X115X15 | 140 | 115 | 15 |
| MGDP150X125X15 | 150 | 125 | 15 |
| MGDP160X135X15 | 160 | 135 | 15 |

# MG18

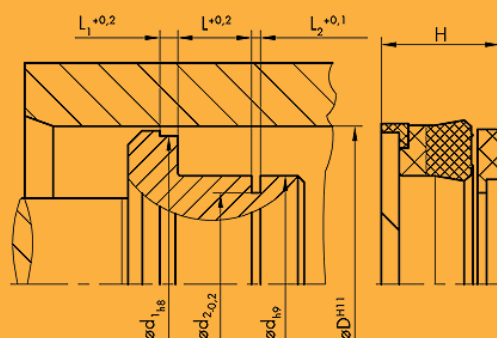
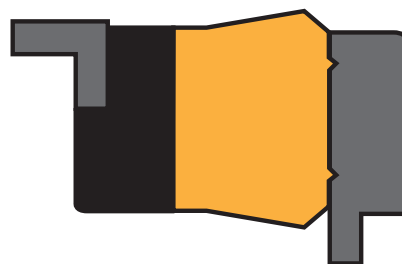


## OMINAISUUDET

|            |                       |
|------------|-----------------------|
| Materiaali | Kudosvahvistettu kumi |
| Paine      | 500 bar               |
| Nopeus     | 1,0 m/s               |
| Lämpötila  | -40 – +100 °C         |

| Tuotekoodi       | D   | d  | L    | MG18-105X85X15    | 105 | 85  | 15   |
|------------------|-----|----|------|-------------------|-----|-----|------|
| MG18-40X25X9,5   | 40  | 25 | 9,5  | MG18-110X90X12,5  | 110 | 90  | 12,5 |
| MG18-50X35X9,5   | 50  | 35 | 9,5  | MG18-115X95X12,5  | 115 | 95  | 12,5 |
| MG18-60X45X9,5   | 60  | 45 | 9,5  | MG18-120X100X12,5 | 120 | 100 | 12,5 |
| MG18-63X48X9,5   | 63  | 48 | 9,5  | MG18-125X100X15,5 | 125 | 100 | 15,5 |
| MG18-70X50X12,5  | 70  | 50 | 12,5 | MG18-130X105X16,2 | 130 | 105 | 16,2 |
| MG18-70X55X12,5  | 70  | 55 | 12,5 | MG18-135X115X15,5 | 135 | 115 | 15,5 |
| MG18-75X55X12,5  | 75  | 55 | 12,5 | MG18-140X110X20,5 | 140 | 110 | 20,5 |
| MG18-75X60X11,2  | 75  | 60 | 11,2 | MG18-140X115X15,5 | 140 | 115 | 15,5 |
| MG18-80X60X12,5  | 80  | 60 | 12,5 | MG18-150X120X18,8 | 150 | 120 | 18,8 |
| MG18-90X70X12,5  | 90  | 70 | 12,5 | MG18-160X130X18,8 | 160 | 130 | 18,8 |
| MG18-95X75X13    | 95  | 75 | 13   | MG18-180X150X19   | 180 | 150 | 19   |
| MG18-100X80X12,5 | 100 | 80 | 12,5 | MG18-200X170X18,8 | 200 | 170 | 18,8 |

# MWKR

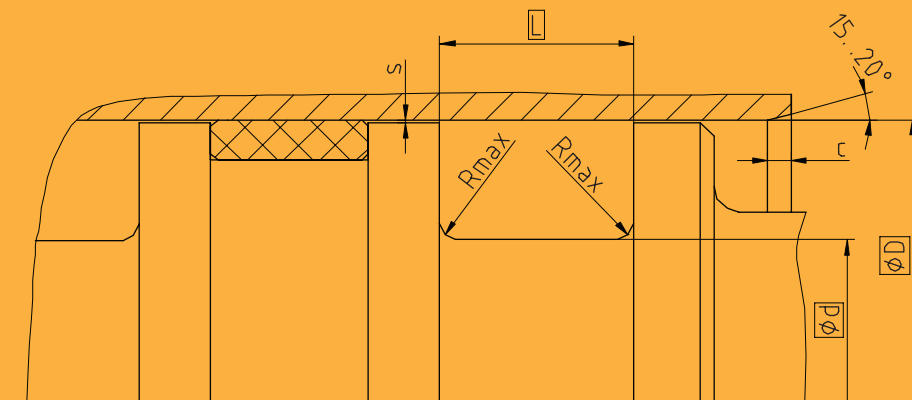
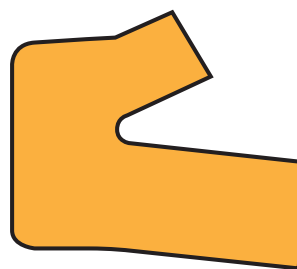


## OMINAISUUDET

|            |                                  |
|------------|----------------------------------|
| Materiaali | Kudosvahvistettu kumi / asetaali |
| Paine      | 400 bar                          |
| Nopeus     | 0,5 m/s                          |
| Lämpötila  | -30 – +110 °C                    |

| Tuotekoodi            | D     | d     | L     | MWKR85X70X12     | 85    | 70  | 12   |
|-----------------------|-------|-------|-------|------------------|-------|-----|------|
| MWKR45X30X9           | 45    | 30    | 9     | MWKR90X70X14     | 90    | 70  | 14   |
| MWKR50X30X14,5        | 50    | 30    | 14,5  | MWKR95X75X14,5   | 95    | 75  | 14,5 |
| MWKR55X40X11          | 55    | 40    | 11    | MWKR100X80X14    | 100   | 80  | 14   |
| MWKR57,15X41,28X11,11 | 57,15 | 41,28 | 11,11 | MWKR104,5X85X14  | 104,5 | 85  | 14   |
| MWKR60X40X14,5        | 60    | 40    | 14,5  | MWKR105X85X14    | 105   | 85  | 14   |
| MWKR65X50X10          | 65    | 50    | 10    | MWKR110X90X12,5  | 110   | 90  | 12,5 |
| MWKR65X45X14          | 65    | 45    | 14    | MWKR115X95X14    | 115   | 95  | 14   |
| MWKR70X50X14          | 70    | 50    | 14    | MWKR120X100X12,5 | 120   | 100 | 12,5 |
| MWKR75X55X14,5        | 75    | 55    | 14,5  | MWKR125X105X12   | 125   | 105 | 12   |
| MWKR80X60X14          | 80    | 60    | 14    | MWKR130X110X12   | 130   | 110 | 12   |

# MN..C2

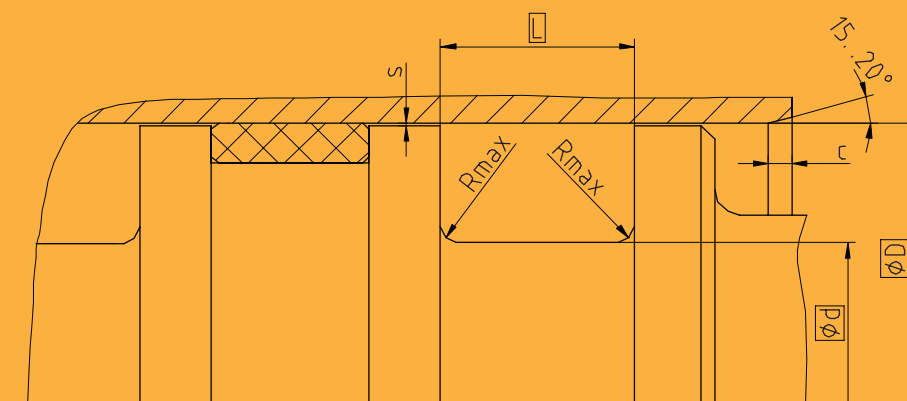
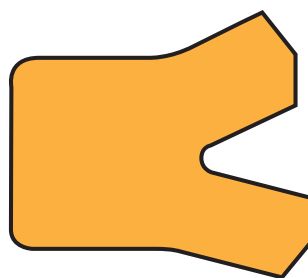


## OMINAISUUDET

|            |                             |                           |
|------------|-----------------------------|---------------------------|
| Materiaali | Nitriilikumi                |                           |
| Paine      | 160 bar hydrauliiikka,      | 16 bar pneumatiikka       |
| Nopeus     | 0,5 m/s hydrauliiikka,      | 1,0 m/s pneumatiikka      |
| Lämpötila  | -25 – +100 °C hydrauliiikka | -30 – +80 °C pneumatiikka |

| Tuotekoodi        | D  | d  | L    |                |     |     |
|-------------------|----|----|------|----------------|-----|-----|
| MN12X6X4C2        | 12 | 6  | 4    | MN63X53X7C2    | 63  | 53  |
| MN25X17X5,5C2     | 25 | 17 | 5,5  | MN70X58X8,5C2  | 70  | 58  |
| MN32X24X5,5C2     | 32 | 24 | 5,5  | MN75X63X8,5C2  | 75  | 63  |
| MN40X30X7C2       | 40 | 30 | 7    | MN80X68X8,5-C2 | 80  | 68  |
| MN45X35X7C2       | 45 | 35 | 7    | MN90X78X8,5C2  | 90  | 78  |
| MN48X40X5,5C2     | 48 | 40 | 5,5  | MN100X88X8,5C2 | 100 | 88  |
| MN50X40X7C2       | 50 | 40 | 7    | MN125X110X10C2 | 125 | 110 |
| MN50X40X7C2 VITON | 50 | 40 | 7    | MN140X125X10C2 | 140 | 125 |
| MN55X45X7C2       | 55 | 45 | 7    | MN160X145X10C2 | 160 | 145 |
| MN60X50X7C2       | 60 | 50 | 7    | MN160X140X14C2 | 160 | 140 |
| MN63X53X4,25C2    | 63 | 53 | 4,25 | MN200X180X14C2 | 200 | 180 |
|                   |    |    |      | MN250X230X14C2 | 250 | 230 |

# MUN

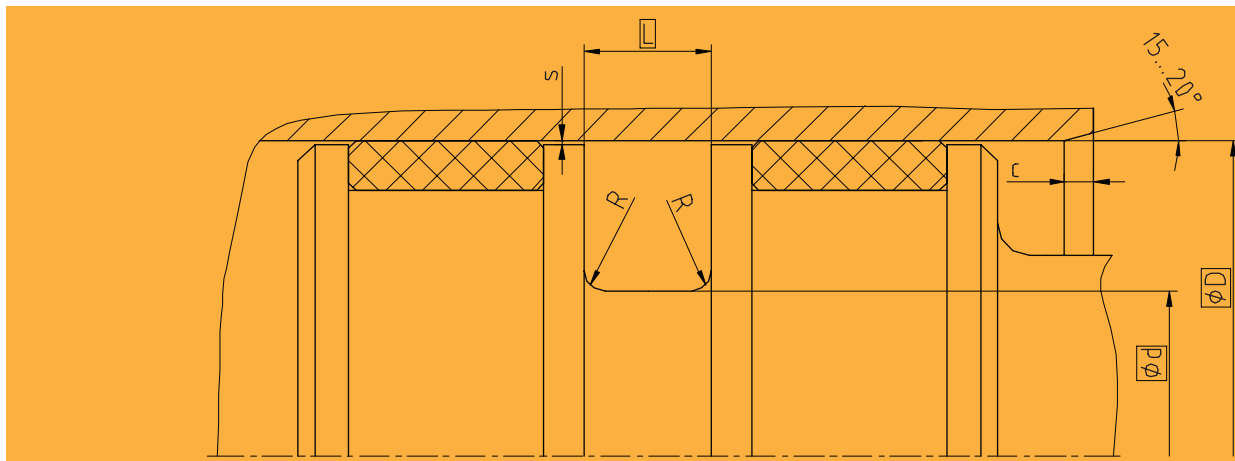


## OMINAISUUDET

Materiaali Polyuretaani  
 Paine 400 bar  
 Nopeus 0,5 m/s  
 Lämpötila -30 – +110 °C

| Tuotekoodi   | D  | d  | L   | MUN80X65X11,4   | 80  | 65  | 11,4 |
|--------------|----|----|-----|-----------------|-----|-----|------|
| MUN25X15X7,3 | 25 | 15 | 7,3 | MUN80X60X14,5   | 80  | 60  | 14,5 |
| MUN32X24X5,7 | 32 | 24 | 5,7 | MUN90X75X11,4   | 90  | 75  | 11,4 |
| MUN40X33X8   | 40 | 33 | 8   | MUN100X90X6,7   | 100 | 90  | 6,7  |
| MUN40X30X10  | 40 | 30 | 10  | MUN100X85X11,4  | 100 | 85  | 11,4 |
| MUN50X40X7,3 | 50 | 40 | 7,3 | MUN100X80X12    | 100 | 80  | 12   |
| MUN50X40X10  | 50 | 40 | 10  | MUN110X90X15    | 110 | 90  | 15   |
| MUN60X50X10  | 60 | 50 | 10  | MUN125X105X14,5 | 125 | 105 | 14,5 |
| MUN63X53X7,3 | 63 | 53 | 7,3 | MUN160X140X14,5 | 160 | 140 | 14,5 |
| MUN63X48X10  | 63 | 48 | 10  | MUN180X150X18   | 180 | 150 | 18   |
| MUN63X53X12  | 63 | 53 | 12  | MUN220X200X15   | 220 | 200 | 15   |
| MUN65X50X9   | 65 | 50 | 9   | MUN250X230X15   | 250 | 230 | 15   |
| MUN80X70X6,7 | 80 | 70 | 6,7 |                 |     |     |      |

# MAQ

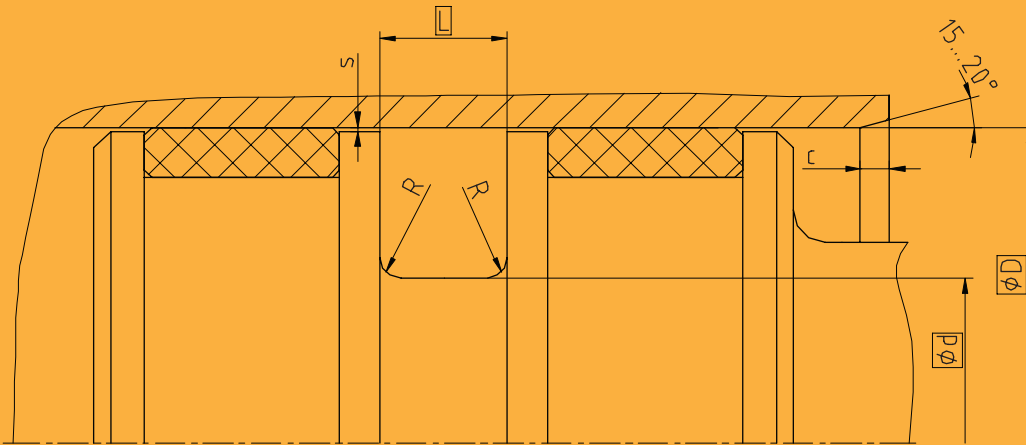
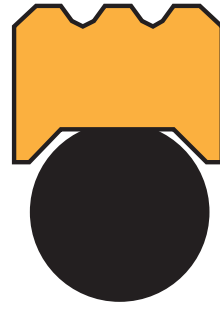


## OMINAISUUDET

|            |                              |
|------------|------------------------------|
| Materiaali | PronssiPTFE / Nitrilikumi    |
| Paine      | 400 bar                      |
| Nopeus     | 2,0 m/s                      |
| Lämpötila  | -30 – +110 °C (+200°C Viton) |

| Tuotekoodi      | D   | d    | L    |
|-----------------|-----|------|------|
| MAQ35X24X4,2    | 35  | 24   | 4,2  |
| MAQ50X39X4,2    | 50  | 39   | 4,2  |
| MAQ55X45X6,3    | 55  | 45   | 6,3  |
| MAQ80X67X8,3    | 80  | 67   | 8,3  |
| MAQ90X77X8,3    | 90  | 77   | 8,3  |
| MAQ100X87X8,3   | 100 | 87   | 8,3  |
| MAQ115X99,5X6,3 | 115 | 99,5 | 6,3  |
| MAQ115X102X8,3  | 115 | 102  | 8,3  |
| MAQ125X112X8,3  | 125 | 112  | 8,3  |
| MAQ140X122X12,3 | 140 | 122  | 12,3 |
| MAQ160X142X12,3 | 160 | 142  | 12,3 |
| MAQ200X182X12,3 | 200 | 182  | 12,3 |
| MAQ220X202X12,3 | 220 | 202  | 12,3 |

# MROTOR

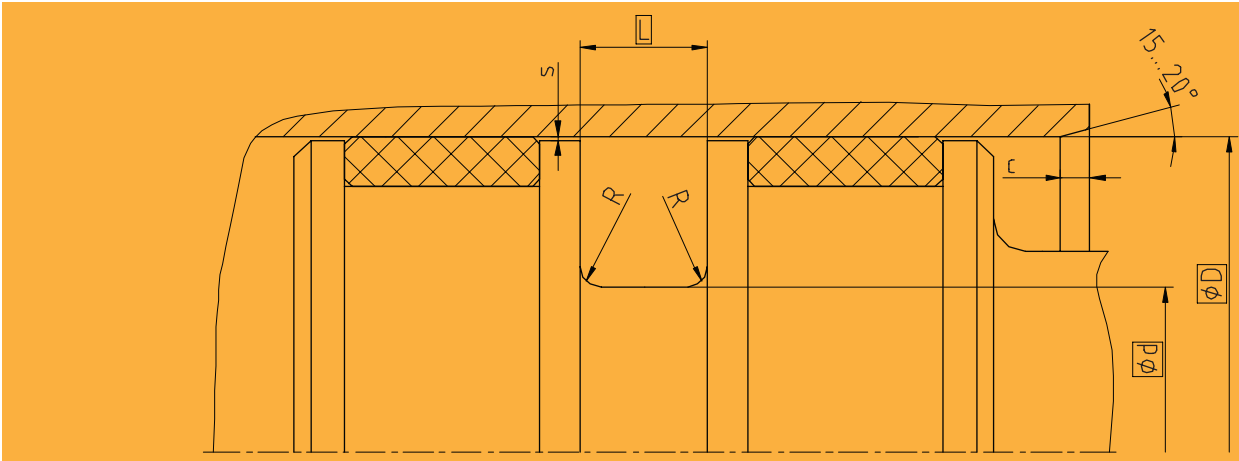
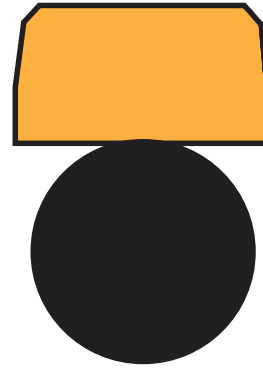


## OMINAISUUDET

|            |                              |
|------------|------------------------------|
| Materiaali | HiiliPTFE / Nitrilikumi      |
| Paine      | 350 bar                      |
| Nopeus     | 2,0 m/s kehänopeus           |
| Lämpötila  | -30 – +100 °C (+200°C Viton) |

**Ota yhteyttä myyjään**

# EPO



## OMINAISUUDET

|            |                                          |
|------------|------------------------------------------|
| Materiaali | PronssiPTFE / Nitrilikumi                |
| Paine      | 600 bar                                  |
| Nopeus     | 4,0 m/s                                  |
| Lämpötila  | -30 – +100 °C (Viton o-renkaalla +200°C) |

| Tuotekoodi          | D     | d     | L    | EPO110X94,5X6,3        | 110 | 94,5  | 6,3 |
|---------------------|-------|-------|------|------------------------|-----|-------|-----|
| EPO12X7,1X2,2       | 12    | 7,1   | 2,2  | EPO110X-94,9X6,3-1TOIM | 110 | 94,9  | 6,3 |
| EPO16X11,1X2,2      | 16    | 11,1  | 2,2  | EPO110X89X8,1          | 110 | 89    | 8,1 |
| EPO20X12,5X3,2      | 20    | 12,5  | 3,2  | EPO115X99,5X6,3        | 115 | 99,5  | 6,3 |
| EPO22X14,5X3,2      | 22    | 14,5  | 3,2  | EPO115X94X8,1          | 115 | 94    | 8,1 |
| EPO25X17,5X3,2      | 25    | 17,5  | 3,2  | EPO120X104,5X6,3       | 120 | 104,5 | 6,3 |
| EPO26X18,5X3,2      | 26    | 18,5  | 3,2  | EPO120X99X8,1          | 120 | 99    | 8,1 |
| EPO28X20,5X3,2      | 28    | 20,5  | 3,2  | EPO125X109,5X6,3       | 125 | 109,5 | 6,3 |
| EPO30X22,5X3,2      | 30    | 22,5  | 3,2  | EPO125X104X8,1         | 125 | 104   | 8,1 |
| EPO32X24,5X3,2      | 32    | 24,5  | 3,2  | EPO130X114,5X6,3       | 130 | 114,5 | 6,3 |
| EPO32X21,3X4,2      | 32    | 21,3  | 4,2  | EPO130X109X8,1         | 130 | 109   | 8,1 |
| EPO35X27,5X3,2      | 35    | 27,5  | 3,2  | EPO135X114X8,1         | 135 | 114   | 8,1 |
| EPO36X28,5X3,2      | 36    | 28,5  | 3,2  | EPO140X124,5X6,3       | 140 | 124,5 | 6,3 |
| EPO38X30,5X3,2      | 38    | 30,5  | 3,2  | EPO140X119X8,1         | 140 | 119   | 8,1 |
| EPO38X27X4,2        | 38    | 27    | 4,2  | EPO145X124X8,1         | 145 | 124   | 8,1 |
| EPO40X32,5X3,2      | 40    | 32,5  | 3,2  | EPO150X134,5X6,3       | 150 | 134,5 | 6,3 |
| EPO40X29X4,2        | 40    | 29    | 4,2  | EPO150X129X8,1         | 150 | 129   | 8,1 |
| EPO42X31X4,2        | 42    | 31    | 4,2  | EPO160X144,5X6,3       | 160 | 144,5 | 6,3 |
| EPO45X34X4,2        | 45    | 34    | 4,2  | EPO160X139X8,1         | 160 | 139   | 8,1 |
| EPO48X37X4,2        | 48    | 37    | 4,2  | EPO165X144X8,1         | 165 | 144   | 8,1 |
| EPO50X39X4,2        | 50    | 39    | 4,2  | EPO170X154,5X6,3       | 170 | 154,5 | 6,3 |
| EPO50X34,5X6,3      | 50    | 34,5  | 6,3  | EPO170X149X8,1         | 170 | 149   | 8,1 |
| EPO52X41X4,2        | 52    | 41    | 4,2  | EPO180X164,5X6,3       | 180 | 164,5 | 6,3 |
| EPO55X44X4,2        | 55    | 44    | 4,2  | EPO180X159X8,1         | 180 | 159   | 8,1 |
| EPO57,15X47,2X3,15  | 57,15 | 47,2  | 3,15 | EPO200X184,5X6,3       | 200 | 184,5 | 6,3 |
| EPO60X49X4,2        | 60    | 49    | 4,2  | EPO200X179X8,1         | 200 | 179   | 8,1 |
| EPO60X44,5X6,3      | 60    | 44,5  | 6,3  | EPO210X189X8,1         | 210 | 189   | 8,1 |
| EPO62X51X4,2        | 62    | 51    | 4,2  | EPO220X204,5X6,3       | 220 | 204,5 | 6,3 |
| EPO63X52X4,2        | 63    | 52    | 4,2  | EPO220X199X8,1         | 220 | 199   | 8,1 |
| EPO63X47,5X6,3      | 63    | 47,5  | 6,3  | EPO230X209X8,1         | 230 | 209   | 8,1 |
| EPO65X54X4,2        | 65    | 54    | 4,2  | EPO240X219X8,1         | 240 | 219   | 8,1 |
| EPO65X49,5X6,3      | 65    | 49,5  | 6,3  | EPO250X234,5X6,3       | 250 | 234,5 | 6,3 |
| EPO69,85X59,8X3,17  | 69,85 | 59,8  | 3,17 | EPO250X229X8,1         | 250 | 229   | 8,1 |
| EPO70X59X4,2        | 70    | 59    | 4,2  | EPO260X239X8,1         | 260 | 239   | 8,1 |
| EPO70X54,5X6,3      | 70    | 54,5  | 6,3  | EPO260X239X8,1DS       | 260 | 239   | 8,1 |
| EPO75X64X4,2        | 75    | 64    | 4,2  | EPO280X259X8,1         | 280 | 259   | 8,1 |
| EPO75X59,5X6,3      | 75    | 59,5  | 6,3  | EPO290X269X8,1         | 290 | 269   | 8,1 |
| EPO76,2X66,65X3,2   | 76,2  | 66,65 | 3,2  | EPO300X279X8,1         | 300 | 279   | 8,1 |
| EPO80X69X4,2        | 80    | 69    | 4,2  | EPO320X299X8,1         | 320 | 299   | 8,1 |
| EPO80X64,5X6,3      | 80    | 64,5  | 6,3  | EPO340X315,5X8,1       | 340 | 315,5 | 8,1 |
| EPO82,55X72,60X3,15 | 82,55 | 72,6  | 3,15 | EPO360X335,5X8,1       | 360 | 335,5 | 8,1 |
| EPO85X69,5X6,3      | 85    | 69,5  | 6,3  | EPO380X355,5X8,1       | 380 | 355,5 | 8,1 |
| EPO90X79X4,2        | 90    | 79    | 4,2  | EPO400X375,5X8,1       | 400 | 375,5 | 8,1 |
| EPO90X74,5X6,3      | 90    | 74,5  | 6,3  | EPO420X395,5X8,1       | 420 | 395,5 | 8,1 |
| EPO95X79,5X6,3      | 95    | 79,5  | 6,3  | EPO450X425,5X8,1       | 450 | 425,5 | 8,1 |
| EPO100X84,5X6,3     | 100   | 84,5  | 6,3  | EPO480X455,5X8,1       | 480 | 455,5 | 8,1 |
| EPO100X86X6,5       | 100   | 86    | 6,5  | EPO500X475,5X8,1       | 500 | 475,5 | 8,1 |
| EPO100X79X8,1       | 100   | 79    | 8,1  |                        |     |       |     |
| EPO105X89,5X6,3     | 105   | 89,5  | 6,3  |                        |     |       |     |



# Pyyhkijät



**P1** 56



**P2** 58



**GA** 60



**PA** 62



**PAF** 63



**PDK** 64



**P25F** 65



**P27F** 66



**PAY** 67



**PP8** 68

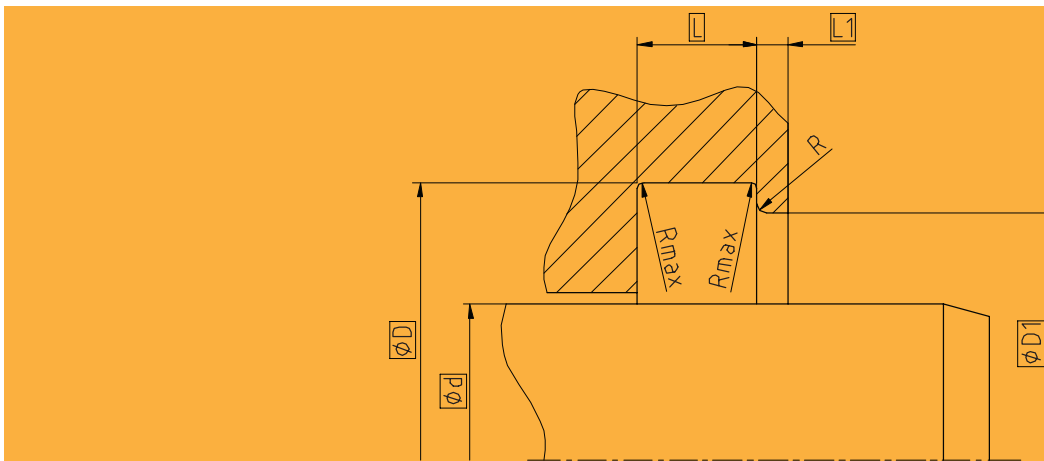


**SAA** 69



**SCB** 70

# P1

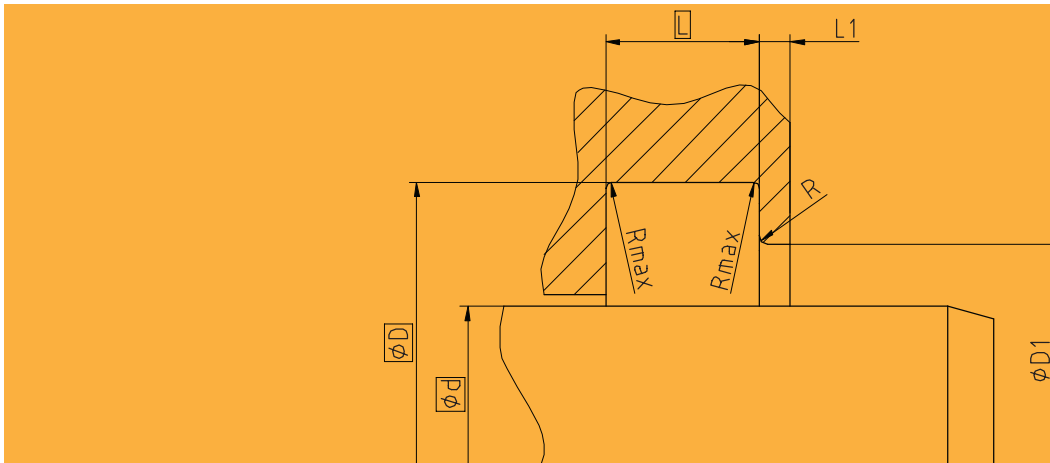
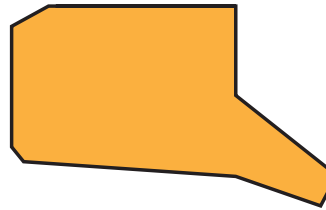


## OMINAISUUDET

|            |                   |                  |
|------------|-------------------|------------------|
| Materiaali | Polyuretaani (-P) | Nitriilikumi(-N) |
| Nopeus     | 4,0 m/s           | 4,0 m/s          |
| Lämpötila  | -30 – +110 °C     | -30 – + 100°C    |

| Tuotekoodi     | d  | D  | h | H |                     |     |     |     |    |
|----------------|----|----|---|---|---------------------|-----|-----|-----|----|
| P1-12X20X4/7-N | 12 | 20 | 4 | 7 | P1-56X64X4/7-P      | 56  | 64  | 4   | 7  |
| P1-16X24X4/7-N | 16 | 24 | 4 | 7 | P1-60X68X4/7-N      | 60  | 68  | 4   | 7  |
| P1-18X26X4/7-N | 18 | 26 | 4 | 7 | P1-60X68X4/7-P      | 60  | 68  | 4   | 7  |
| P1-20X28X4/7-N | 20 | 28 | 4 | 7 | P1-63X71X4/7-N      | 63  | 71  | 4   | 7  |
| P1-20X28X4/7-P | 20 | 28 | 4 | 7 | P1-63X71X4/7-P      | 63  | 71  | 4   | 7  |
| P1-22X30X4/7-N | 22 | 30 | 4 | 7 | P1-65X73X4/7-N      | 65  | 73  | 4   | 7  |
| P1-24X32X4/7-N | 24 | 32 | 4 | 7 | P1-65X73X4/7-P      | 65  | 73  | 4   | 7  |
| P1-25X33X4/7-N | 25 | 33 | 4 | 7 | P1-68X76X4/7-N      | 68  | 76  | 4   | 7  |
| P1-25X33X4/7-P | 25 | 33 | 4 | 7 | P1-70X78X4/7-N      | 70  | 78  | 4   | 7  |
| P1-28X36X4/7-N | 28 | 36 | 4 | 7 | P1-70X78X4/7-P      | 70  | 78  | 4   | 7  |
| P1-28X36X4/7-P | 28 | 36 | 4 | 7 | P1-75X83X4/7-N      | 75  | 83  | 4   | 7  |
| P1-30X38X4/7-N | 30 | 38 | 4 | 7 | P1-80X88X4/7-N      | 80  | 88  | 4   | 7  |
| P1-30X38X4/7-P | 30 | 38 | 4 | 7 | P1-80X88X4/7-P      | 80  | 88  | 4   | 7  |
| P1-32X40X4/7-N | 32 | 40 | 4 | 7 | P1-85X93X4/7-N      | 85  | 93  | 4   | 7  |
| P1-32X40X4/7-P | 32 | 40 | 4 | 7 | P1-90X98X4/7-N      | 90  | 98  | 4   | 7  |
| P1-35X43X4/7-N | 35 | 43 | 4 | 7 | P1-90X98X4/7-P      | 90  | 98  | 4   | 7  |
| P1-35X43X4/7-P | 35 | 43 | 4 | 7 | P1-95X103X4/7-P     | 95  | 103 | 4   | 7  |
| P1-36X44X4/7-N | 36 | 44 | 4 | 7 | P1-100X108X4/7-N    | 100 | 108 | 4   | 7  |
| P1-36X44X4/7-P | 36 | 44 | 4 | 7 | P1-110X118X4/7-N    | 110 | 118 | 4   | 7  |
| P1-38X46X4/7-N | 38 | 46 | 4 | 7 | P1-110X122X5,5/10-N | 110 | 122 | 5,5 | 10 |
| P1-40X48X4/7-N | 40 | 48 | 4 | 7 | P1-110X122X5,5/10-P | 110 | 122 | 5,5 | 10 |
| P1-40X48X4/7-P | 40 | 48 | 4 | 7 | P1-120X132X5,5/10-N | 120 | 132 | 5,5 | 10 |
| P1-42X50X4/7-N | 42 | 50 | 4 | 7 | P1-125X137X5,5/10-N | 125 | 137 | 5,5 | 10 |
| P1-45X53X4/7-N | 45 | 53 | 4 | 7 | P1-125X137X5,5/10-P | 125 | 137 | 5,5 | 10 |
| P1-45X53X4/7-P | 45 | 53 | 4 | 7 | P1-125X140X9,5/14-P | 125 | 140 | 9,5 | 14 |
| P1-50X58X4/7-N | 50 | 58 | 4 | 7 | P1-130X142X5,5/10-N | 130 | 142 | 5,5 | 10 |
| P1-50X58X4/7-P | 50 | 58 | 4 | 7 | P1-140X152X5,5/10-N | 140 | 152 | 5,5 | 10 |
| P1-55X63X4/7-N | 55 | 63 | 4 | 7 | P1-150X162X5,5/10-N | 150 | 162 | 5,5 | 10 |
| P1-55X63X4/7-P | 55 | 63 | 4 | 7 | P1-160X172X5,5/10-N | 160 | 172 | 5,5 | 10 |
| P1-56X64X4/7-N | 56 | 64 | 4 | 7 | P1-190X202X5,5/10-N | 190 | 202 | 5,5 | 10 |
|                |    |    |   |   | P1-200X212X5,5/10-N | 200 | 212 | 5,5 | 10 |

# P2



## OMINAISUUDET

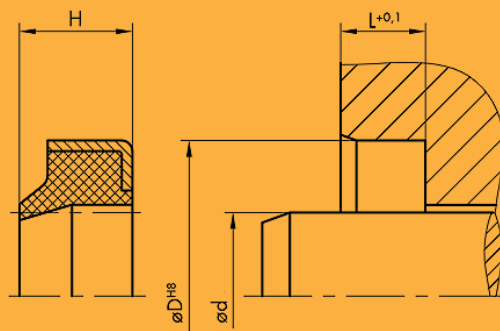
|            |                   |                  |
|------------|-------------------|------------------|
| Materiaali | Polyuretaani (-P) | Nitriilikumi(-N) |
| Nopeus     | 4,0 m/s           | 4,0 m/s          |
| Lämpötila  | -30 – +110 °C     | -30 – + 100°C    |

| Tuotekoodi             | d    | D    | h   | H   |
|------------------------|------|------|-----|-----|
| P2-12X16X3/4-N         | 12   | 16   | 3   | 4   |
| P2-12X18X3,8/5-P       | 12   | 18   | 3,8 | 5   |
| P2-14X22X5/7-N         | 14   | 22   | 5   | 7   |
| P2-15X19X2/4-N         | 15   | 19   | 2   | 4   |
| P2-15X19X2/4-P         | 15   | 19   | 2   | 4   |
| P2-16X22X3,5/5-N       | 16   | 22   | 3,5 | 5   |
| P2-18X26X5/7-P         | 18   | 26   | 5   | 7   |
| P2-20X28X5/7-N         | 20   | 28   | 5   | 7   |
| P2-20X30X6/9-P         | 20   | 30   | 6   | 9   |
| P2-22X30X5/7-N         | 22   | 30   | 5   | 7   |
| P2-25X33X5/7-N         | 25   | 33   | 5   | 7   |
| P2-25X33X5/7-P         | 25   | 33   | 5   | 7   |
| P2-28X36X5/7-N         | 28   | 36   | 5   | 7   |
| P2-28X36X5/7-P         | 28   | 36   | 5   | 7   |
| P2-30X38X5/7-N         | 30   | 38   | 5   | 7   |
| P2-30X38X5/7-P         | 30   | 38   | 5   | 7   |
| P2-30X40X6/9-P         | 30   | 40   | 6   | 9   |
| P2-32X40X5/7-N         | 32   | 40   | 5   | 7   |
| P2-32X40X5/7-P         | 32   | 40   | 5   | 7   |
| P2-35X43X5/7-N         | 35   | 43   | 5   | 7   |
| P2-35X43X5/7-P         | 35   | 43   | 5   | 7   |
| P2-35X45X5/7-P         | 35   | 45   | 5   | 7   |
| P2-36X44X5/7-N         | 36   | 44   | 5   | 7   |
| P2-36X44X5/7-P         | 36   | 44   | 5   | 7   |
| P2-40X48X5/7-N         | 40   | 48   | 5   | 7   |
| P2-40X48X5/7-P         | 40   | 48   | 5   | 7   |
| P2-40X50X6/9-P         | 40   | 50   | 6   | 9   |
| P2-42X50X5/7-N         | 42   | 50   | 5   | 7   |
| P2-45X53X5/7-N         | 45   | 53   | 5   | 7   |
| P2-45X53X5/7-P         | 45   | 53   | 5   | 7   |
| P2-45X55X5/7-N         | 45   | 55   | 5   | 7   |
| P2-45X55X5/7-P         | 45   | 55   | 5   | 7   |
| P2-45X55X6/9-P         | 45   | 55   | 6   | 9   |
| P2-48X56X5/7-N         | 48   | 56   | 5   | 7   |
| P2-50X58X5/7-N         | 50   | 58   | 5   | 7   |
| P2-50X58X5/7-P         | 50   | 58   | 5   | 7   |
| P2-50X60X3/5-P         | 50   | 60   | 3   | 5   |
| P2-50X60X5/7-N         | 50   | 60   | 5   | 7   |
| P2-50X60X5/7-P         | 50   | 60   | 5   | 7   |
| P2-50X60X6/9-P         | 50   | 60   | 6   | 9   |
| P2-50,8X63,5X6,4/9,5-N | 50,8 | 63,5 | 6,4 | 9,5 |
| P2-52X60X5/7-N         | 52   | 60   | 5   | 7   |
| P2-55X63X5/7-N         | 55   | 63   | 5   | 7   |
| P2-55X63X5/7-P         | 55   | 63   | 5   | 7   |
| P2-55X65X5/7-N         | 55   | 65   | 5   | 7   |
| P2-55X65X5/7-P         | 55   | 65   | 5   | 7   |
| P2-55X65X6/9-P         | 55   | 65   | 6   | 9   |
| P2-56X64X5/7-N         | 56   | 64   | 5   | 7   |
| P2-56X64X5/7-P         | 56   | 64   | 5   | 7   |
| P2-56X66X5/7-N         | 56   | 66   | 5   | 7   |
| P2-56X66X5/7-P         | 56   | 66   | 5   | 7   |
| P2-56X66X6/9-P         | 56   | 66   | 6   | 9   |
| P2-60X68X5/7-N         | 60   | 68   | 5   | 7   |
| P2-60X68X5/7-P         | 60   | 68   | 5   | 7   |
| P2-60X70X5/7-N         | 60   | 70   | 5   | 7   |
| P2-60X70X6/9-P         | 60   | 70   | 6   | 9   |
| P2-63X71X5/7-N         | 63   | 71   | 5   | 7   |
| P2-63X71X5/7-P         | 63   | 71   | 5   | 7   |
| P2-63X73X5/7-N         | 63   | 73   | 5   | 7   |

|                    |     |     |    |     |
|--------------------|-----|-----|----|-----|
| P2-65X73X5/7-N     | 65  | 73  | 5  | 7   |
| P2-65X73X5/7-P     | 65  | 73  | 5  | 7   |
| P2-65X75X3/5,2-P   | 65  | 75  | 3  | 5,2 |
| P2-65X75X5/7-N     | 65  | 75  | 5  | 7   |
| P2-65X75X6/9-P     | 65  | 75  | 6  | 9   |
| P2-70X78X5/7-N     | 70  | 78  | 5  | 7   |
| P2-70X78X5/7-P     | 70  | 78  | 5  | 7   |
| P2-70X80X5/7-N     | 70  | 80  | 5  | 7   |
| P2-70X80X5/7-P     | 70  | 80  | 5  | 7   |
| P2-70X80X6/9-P     | 70  | 80  | 6  | 9   |
| P2-70X81X8/12-P    | 70  | 81  | 8  | 12  |
| P2-70X82X7/12-N    | 70  | 82  | 7  | 12  |
| P2-70X82X7/12-P    | 70  | 82  | 7  | 12  |
| P2-75X83X5/7-N     | 75  | 83  | 5  | 7   |
| P2-75X83X5/7-P     | 75  | 83  | 5  | 7   |
| P2-75X85X5/7-N     | 75  | 85  | 5  | 7   |
| P2-75X85X6/9-P     | 75  | 85  | 6  | 9   |
| P2-75X87X7/12-N    | 75  | 87  | 7  | 12  |
| P2-80X88X5/7-N     | 80  | 88  | 5  | 7   |
| P2-80X88X5/7-P     | 80  | 88  | 5  | 7   |
| P2-80X90X3/5,2-P   | 80  | 90  | 3  | 5,2 |
| P2-80X90X5/7-P     | 80  | 90  | 5  | 7   |
| P2-80X90X6/9-P     | 80  | 90  | 6  | 9   |
| P2-80X92X7/12-N    | 80  | 92  | 7  | 12  |
| P2-85X93X5/7-N     | 85  | 93  | 5  | 7   |
| P2-85X95X6/9-P     | 85  | 95  | 6  | 9   |
| P2-85X96X8/12-P    | 85  | 96  | 8  | 12  |
| P2-90X98X5/7-N     | 90  | 98  | 5  | 7   |
| P2-90X98X5/7-P     | 90  | 98  | 5  | 7   |
| P2-90X100X5/7-P    | 90  | 100 | 5  | 7   |
| P2-90X100X6/9-P    | 90  | 100 | 6  | 9   |
| P2-90X100X7/12-N   | 90  | 100 | 7  | 12  |
| P2-90X102X7/12-N   | 90  | 102 | 7  | 12  |
| P2-90X102X7/12-P   | 90  | 102 | 7  | 12  |
| P2-90X110X10/18-N  | 90  | 110 | 10 | 18  |
| P2-92X100X5/7-P    | 92  | 100 | 5  | 7   |
| P2-95X103X7/12-N   | 95  | 103 | 5  | 7   |
| P2-95X105X3/5,2-P  | 95  | 105 | 3  | 5,2 |
| P2-95X105X6/9-P    | 95  | 105 | 6  | 9   |
| P2-95X105X7/10-P   | 95  | 105 | 7  | 10  |
| P2-95X107X7/12-N   | 95  | 107 | 7  | 12  |
| P2-100X108X5/7-N   | 100 | 108 | 5  | 7   |
| P2-100X108X5/7-P   | 100 | 108 | 5  | 7   |
| P2-100X110X6/9-P   | 100 | 110 | 6  | 9   |
| P2-100X111X8/12-P  | 100 | 111 | 8  | 12  |
| P2-100X112X7/12-N  | 100 | 112 | 7  | 12  |
| P2-100X115X6/9-P   | 100 | 115 | 6  | 9   |
| P2-100X115X9/12-P  | 100 | 115 | 9  | 12  |
| P2-105X115X5/7-P   | 105 | 115 | 5  | 7   |
| P2-105X115X6/9-P   | 105 | 115 | 6  | 9   |
| P2-110X120X3/5,2-P | 110 | 120 | 3  | 5,2 |
| P2-110X120X6/9-P   | 110 | 120 | 6  | 9   |
| P2-110X122X7/12-N  | 110 | 122 | 7  | 12  |
| P2-110X122X7/12-P  | 110 | 122 | 7  | 12  |
| P2-110X125X9/13-P  | 110 | 125 | 9  | 13  |
| P2-115X125X5/7-N   | 115 | 125 | 5  | 7   |
| P2-115X125X6/9-P   | 115 | 125 | 6  | 9   |
| P2-115X126X8/12-P  | 115 | 126 | 8  | 12  |
| P2-115X127X7/12-N  | 115 | 127 | 7  | 12  |
| P2-120X130X5/7-N   | 120 | 130 | 5  | 7   |

|                     |     |     |     |     |
|---------------------|-----|-----|-----|-----|
| P2-120X130X5/7-P    | 120 | 130 | 5   | 7   |
| P2-120X130X6/9-P    | 120 | 130 | 6   | 9   |
| P2-120X132X7/12-N   | 120 | 132 | 7   | 12  |
| P2-125X133X5/7-N    | 125 | 133 | 5   | 7   |
| P2-125X135X3/5,2-P  | 125 | 135 | 3   | 5,2 |
| P2-125X135X6/9-P    | 125 | 135 | 6   | 9   |
| P2-125X137X7/12-P   | 125 | 137 | 7   | 12  |
| P2-125X140X10/16-N  | 125 | 140 | 10  | 16  |
| P2-130X140X6/9-P    | 130 | 140 | 6   | 9   |
| P2-130X142X7/12-N   | 130 | 142 | 7   | 12  |
| P2-130X145X7/12-N   | 130 | 145 | 7   | 12  |
| P2-132X142X6/9-P    | 132 | 142 | 6   | 9   |
| P2-132X144X8/12-P   | 132 | 144 | 8   | 12  |
| P2-135X145X6/9-P    | 135 | 145 | 6   | 9   |
| P2-140X150X5/7-N    | 140 | 150 | 5   | 7   |
| P2-140X152X7/12-P   | 140 | 152 | 7   | 12  |
| P2-140X155X9/12-P   | 140 | 155 | 9   | 12  |
| P2-140X155X10/16-N  | 140 | 155 | 10  | 16  |
| P2-140X155X10/16-P  | 140 | 155 | 10  | 16  |
| P2-142X152X3/6-P    | 142 | 152 | 3   | 6   |
| P2-142X152X6/9-P    | 142 | 152 | 6   | 9   |
| P2-145X155X3/5,2-P  | 145 | 155 | 3   | 5,2 |
| P2-145X155X6/9-P    | 145 | 155 | 6   | 9   |
| P2-150X160X6/9-P    | 150 | 160 | 6   | 9   |
| P2-150X165X10/16-N  | 150 | 165 | 10  | 16  |
| P2-152X162X6/9-P    | 152 | 162 | 6   | 9   |
| P2-152X164X8/12-P   | 152 | 164 | 8   | 12  |
| P2-160X170X3/5,2-P  | 160 | 170 | 3   | 5,2 |
| P2-160X170X5/7-P    | 160 | 170 | 5   | 7   |
| P2-160X170X6/9-P    | 160 | 170 | 6   | 9   |
| P2-160X172X7/12-P   | 160 | 172 | 7   | 12  |
| P2-160X175X10/16-N  | 160 | 175 | 10  | 16  |
| P2-165X175X6/9-P    | 165 | 175 | 6   | 9   |
| P2-170X180X6/9-P    | 170 | 180 | 6   | 9   |
| P2-170X182X7/12-P   | 170 | 182 | 7   | 12  |
| P2-172X182X6/9-P    | 172 | 182 | 6   | 9   |
| P2-172X184X8/12-P   | 172 | 184 | 8   | 12  |
| P2-180X190X3/6-P    | 180 | 190 | 3   | 6   |
| P2-180X190X6/9-P    | 180 | 190 | 6   | 9   |
| P2-180X195X9/12-P   | 180 | 195 | 9   | 12  |
| P2-180X200X10/18-N  | 180 | 200 | 10  | 18  |
| P2-185X195X6/9-P    | 185 | 195 | 6   | 9   |
| P2-190X200X6/9-P    | 190 | 200 | 6   | 9   |
| P2-194X204X6/9-P    | 194 | 204 | 6   | 9   |
| P2-194X206X8/12-P   | 194 | 206 | 8   | 12  |
| P2-200X208X5/7-P    | 200 | 208 | 5   | 7   |
| P2-200X210X6/9-P    | 200 | 210 | 6   | 9   |
| P2-200X215X10/16-P  | 200 | 215 | 10  | 16  |
| P2-200X220X10/18-N  | 200 | 220 | 10  | 18  |
| P2-210X225X6,5/13-N | 210 | 225 | 6,5 | 13  |
| P2-212X222X6/9-P    | 212 | 222 | 6   | 9   |
| P2-218X228X6/9-P    | 218 | 228 | 6   | 9   |
| P2-218X230X8/12-P   | 218 | 230 | 8   | 12  |
| P2-220X235X6,5/13-N | 220 | 235 | 6,5 | 13  |
| P2-220X235X10/16-N  | 220 | 235 | 10  | 16  |
| P2-250X270X10/18-N  | 250 | 270 | 10  | 18  |
| P2-260X280X10/18-N  | 260 | 280 | 10  | 18  |
| P2-280X300X10/18-N  | 280 | 300 | 10  | 18  |
| P2-300X320X10/18-N  | 300 | 320 | 10  | 18  |

# GA

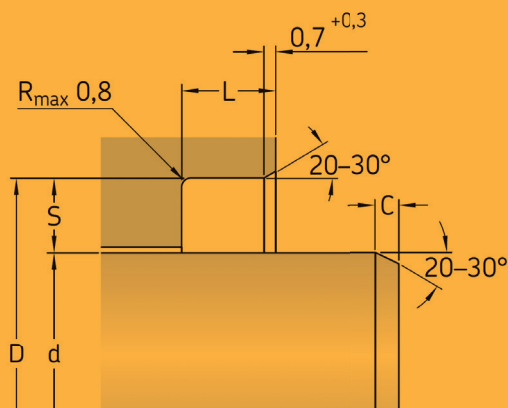


## OMINAISUUDET

|            |                        |                     |
|------------|------------------------|---------------------|
| Materiaali | Nitriilikumi/Teräskehä | Viton/Teräskehä (V) |
| Nopeus     | 2,0 m/s                | 2,0 M/S             |
| Lämpötila  | -30 – +100 °C          | -20 – +200 °C       |

| Tuotekoodi    | d  | D  | h   | H   |                         |       |       |      |      |                 |     |     |    |    |
|---------------|----|----|-----|-----|-------------------------|-------|-------|------|------|-----------------|-----|-----|----|----|
| GA6X13X3/4,5  | 6  | 13 | 3   | 4,5 | GA30X42X5/8             | 30    | 42    | 5    | 8    | GA60X75X7/10    | 60  | 75  | 7  | 10 |
| GA8X14X3,5/5  | 8  | 14 | 3,5 | 5   | GA30X45X5/8             | 30    | 45    | 5    | 8    | GA60X80X7/10    | 60  | 80  | 7  | 10 |
| GA10X16X3/4,5 | 10 | 16 | 3   | 4,5 | GA32X40X4/7             | 32    | 40    | 4    | 7    | GA63X73X5/7     | 63  | 73  | 5  | 7  |
| GA12X18X3,5/5 | 12 | 18 | 3,5 | 5   | GA32X42X5/7             | 32    | 42    | 5    | 7    | GA63X73X7/10    | 63  | 73  | 7  | 10 |
| GA12X20X4/6   | 12 | 20 | 4   | 6   | GA32X42X7/10            | 32    | 42    | 7    | 10   | GA63X75X7/10    | 63  | 75  | 7  | 10 |
| GA12X22X5/8   | 12 | 22 | 5   | 8   | GA32X45X5/8             | 32    | 45    | 5    | 8    | GA65X75X5/7     | 65  | 75  | 5  | 7  |
| GA14X20X3,5/5 | 14 | 20 | 3,5 | 5   | GA32X45X7/10            | 32    | 45    | 7    | 10   | GA65X75X7/10    | 65  | 75  | 7  | 10 |
| GA14X22X3/4   | 14 | 22 | 3   | 4   | GA35X45X7/10            | 35    | 45    | 7    | 10   | GA70X80X5/7     | 70  | 80  | 5  | 7  |
| GA14X25X5/8   | 14 | 25 | 5   | 8   | GA35X50X7/10            | 35    | 50    | 7    | 10   | GA70X80X7/10    | 70  | 80  | 7  | 10 |
| GA15X25X5/8   | 15 | 25 | 5   | 8   | GA35X52X7/10            | 35    | 52    | 7    | 10   | GA70X84X7/10    | 70  | 84  | 7  | 10 |
| GA16X22X3/4   | 16 | 22 | 3   | 4   | GA36X45X7/10            | 36    | 45    | 7    | 10   | GA75X83X7/10    | 75  | 83  | 7  | 10 |
| GA16X26X5/8   | 16 | 26 | 5   | 8   | GA36X45X7/10V           | 36    | 45    | 7    | 10   | GA75X85X7/10    | 75  | 85  | 7  | 10 |
| GA18X26X5/7   | 18 | 26 | 5   | 7   | GA36X46X5/7V            | 36    | 46    | 5    | 7    | GA75X87X5/7     | 75  | 87  | 5  | 7  |
| GA18X28X5/7V  | 18 | 28 | 5   | 7   | GA36X46X5/8             | 36    | 46    | 5    | 8    | GA80X88X7/10    | 80  | 88  | 7  | 10 |
| GA18X28X5/8   | 18 | 28 | 5   | 8   | GA36X46X7/10            | 36    | 46    | 7    | 10   | GA80X90X7/10    | 80  | 90  | 7  | 10 |
| GA18X28X7/10  | 18 | 28 | 7   | 10  | GA38X48X7/10            | 38    | 48    | 7    | 10   | GA80X90X7/10V   | 80  | 90  | 7  | 10 |
| GA20X26X4/7   | 20 | 26 | 4   | 7   | GA40X50X5/8             | 40    | 50    | 5    | 8    | GA85X95X7/10    | 85  | 95  | 7  | 10 |
| GA20X28X3,5/5 | 20 | 28 | 3,5 | 5   | GA40X50X5/8V            | 40    | 50    | 5    | 8    | GA90X100X7/10   | 90  | 100 | 7  | 10 |
| GA20X30X4/6   | 20 | 30 | 4   | 6   | GA40X50X7/10            | 40    | 50    | 7    | 10   | GA90X100X7/10V  | 90  | 100 | 7  | 10 |
| GA20X30X5/7   | 20 | 30 | 5   | 7   | GA40X50X7/10V           | 40    | 50    | 7    | 10   | GA95X105X7/10   | 95  | 105 | 7  | 10 |
| GA20X30X7/10  | 20 | 30 | 7   | 10  | GA40X52X5/8             | 40    | 52    | 5    | 8    | GA100X110X7/10  | 100 | 110 | 7  | 10 |
| GA20X30X7/10V | 20 | 30 | 7   | 10  | GA42X52X7/10            | 42    | 52    | 7    | 10   | GA100X115X9/12  | 100 | 115 | 9  | 12 |
| GA20X32X6/9   | 20 | 32 | 6   | 9   | GA45X55X5/7             | 45    | 55    | 5    | 7    | GA105X115X7/10  | 105 | 115 | 7  | 10 |
| GA20X35X7/10  | 20 | 35 | 7   | 10  | GA45X55X7/10            | 45    | 55    | 7    | 10   | GA110X120X7/10  | 110 | 120 | 7  | 10 |
| GA22X28X5/9   | 22 | 28 | 5   | 9   | GA45X55X7/10V           | 45    | 55    | 7    | 10   | GA115X125X7/10  | 115 | 125 | 7  | 10 |
| GA22X30X5/8   | 22 | 30 | 5   | 8   | GA45X60X7/10            | 45    | 60    | 7    | 10   | GA120X130X7/10  | 120 | 130 | 7  | 10 |
| GA22X32X5/8   | 22 | 32 | 5   | 8   | GA47X57X7/10            | 47    | 57    | 7    | 10   | GA120X140X9/12  | 120 | 140 | 9  | 12 |
| GA22X32X7/10  | 22 | 32 | 7   | 10  | GA48X60X7/10            | 48    | 60    | 7    | 10   | GA125X140X7/10  | 125 | 140 | 7  | 10 |
| GA22X35X5/8   | 22 | 35 | 5   | 8   | GA50X56X5/8             | 50    | 56    | 5    | 8    | GA125X140X9/12  | 125 | 140 | 9  | 12 |
| GA24X32X5/7   | 24 | 32 | 5   | 7   | GA50X60X5/7             | 50    | 60    | 5    | 7    | GA125X140X9/12V | 125 | 140 | 9  | 12 |
| GA24X35X5/8   | 24 | 35 | 5   | 8   | GA50X60X7/10            | 50    | 60    | 7    | 10   | GA130X145X9/12  | 130 | 145 | 9  | 12 |
| GA25X33X4/6   | 25 | 33 | 4   | 6   | GA50X60X7/10V           | 50    | 60    | 7    | 10   | GA135X150X9/12  | 135 | 150 | 9  | 12 |
| GA25X35X5/8   | 25 | 35 | 5   | 8   | GA50X65X7/10            | 50    | 65    | 7    | 10   | GA140X155X9/12  | 140 | 155 | 9  | 12 |
| GA25X35X7/10  | 25 | 35 | 7   | 10  | GA52X62X7/10            | 52    | 62    | 7    | 10   | GA145X160X9/12  | 145 | 160 | 9  | 12 |
| GA25X35X7/10V | 25 | 35 | 7   | 10  | GA55X63X7/10            | 55    | 63    | 7    | 10   | GA150X165X9/12  | 150 | 165 | 9  | 12 |
| GA28X38X5/8   | 28 | 38 | 5   | 8   | GA55X65X7/10            | 55    | 65    | 7    | 10   | GA160X175X9/12  | 160 | 175 | 9  | 12 |
| GA28X38X5/8V  | 28 | 38 | 5   | 8   | GA56X65X7/10            | 56    | 65    | 7    | 10   | GA170X185X10/14 | 170 | 185 | 10 | 14 |
| GA28X38X7/10  | 28 | 38 | 7   | 10  | GA56X66X5/7             | 56    | 66    | 5    | 7    | GA180X195X10/14 | 180 | 195 | 10 | 14 |
| GA28X40X7/10  | 28 | 40 | 7   | 10  | GA56X66X7/10            | 56    | 66    | 7    | 10   | GA200X220X12/16 | 200 | 220 | 12 | 16 |
| GA28X40X7/10V | 28 | 40 | 7   | 10  | GA56X66X7/10V           | 56    | 66    | 7    | 10   | GA210X230X12/16 | 210 | 230 | 12 | 16 |
| GA30X40X5/8   | 30 | 40 | 5   | 8   | GA56X70X8/11            | 56    | 70    | 8    | 11   | GA220X240X9/12  | 220 | 240 | 9  | 12 |
| GA30X40X5/8V  | 30 | 40 | 5   | 8   | GA57,15X66,67X4,76/7,14 | 57,15 | 66,67 | 4,76 | 7,14 | GA220X240X12/16 | 220 | 240 | 12 | 16 |
| GA30X40X7/10  | 30 | 40 | 7   | 10  | GA60X70X7/10            | 60    | 70    | 7    | 10   | GA240X260X12/16 | 240 | 260 | 12 | 16 |
| GA30X40X7/10V | 30 | 40 | 7   | 10  | GA60X70X7/10V           | 60    | 70    | 7    | 10   | GA250X270X12/16 | 250 | 270 | 12 | 16 |
|               |    |    |     |     | GA60X74X5/8             | 60    | 74    | 5    | 8    | GA280X300X12/16 | 280 | 300 | 12 | 16 |

# PA

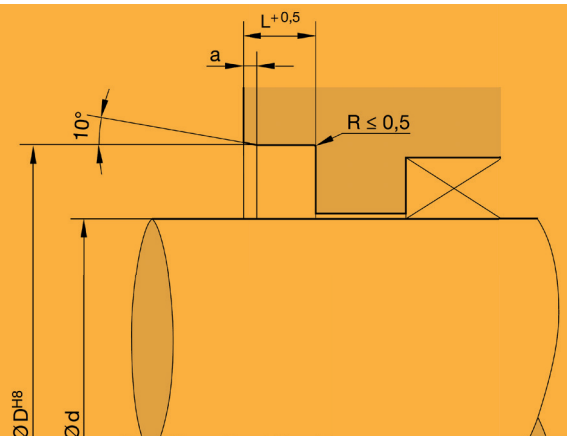


## OMINAISUUDET

Materiaali Polyuretaani/Teräskehä  
Nopeus 2,0 m/s  
Lämpötila -30 – +110 °C

| Tuotekoodi             | d     | D    | h    | H    | PA65X75X7/10    | 65  | 75  | 7  | 10 |
|------------------------|-------|------|------|------|-----------------|-----|-----|----|----|
| PA20X30X7/10           | 20    | 30   | 7    | 10   | PA70X80X7/10    | 70  | 80  | 7  | 10 |
| PA25X35X5/8            | 25    | 35   | 5    | 8    | PA75X85X7/10    | 75  | 85  | 7  | 10 |
| PA28X38X7/10           | 28    | 38   | 7    | 10   | PA80X90X7/10    | 80  | 90  | 7  | 10 |
| PA28,57X38,1X5,56/7,14 | 28,57 | 38,1 | 5,56 | 7,14 | PA90X100X7/10   | 90  | 100 | 7  | 10 |
| PA30X40X7/10           | 30    | 40   | 7    | 10   | PA100X110X7/10  | 100 | 110 | 7  | 10 |
| PA32X42X7/10           | 32    | 42   | 7    | 10   | PA105X115X7/10  | 105 | 115 | 7  | 10 |
| PA32X45X7/10           | 32    | 45   | 7    | 10   | PA110X120X7/10  | 110 | 120 | 7  | 10 |
| PA35X45X7/10           | 35    | 45   | 7    | 10   | PA120X130X7/10  | 120 | 130 | 7  | 10 |
| PA36X46X7/10           | 36    | 46   | 7    | 10   | PA125X141X9/12  | 125 | 141 | 9  | 12 |
| PA40X50X7/10           | 40    | 50   | 7    | 10   | PA130X146X9/12  | 130 | 146 | 9  | 12 |
| PA45X55X7/10           | 45    | 55   | 7    | 10   | PA140X155X9/12  | 140 | 155 | 9  | 12 |
| PA50X60X7/10           | 50    | 60   | 7    | 10   | PA160X175X9/12  | 160 | 175 | 9  | 12 |
| PA50X65X7/10           | 50    | 65   | 7    | 10   | PA160X180X10/14 | 160 | 180 | 10 | 14 |
| PA55X65X7/10           | 55    | 65   | 7    | 10   | PA170X190X10/14 | 170 | 190 | 10 | 14 |
| PA56X70X8/11           | 56    | 70   | 8    | 11   | PA180X205X12/17 | 180 | 205 | 12 | 17 |
| PA60X70X7/10           | 60    | 70   | 7    | 10   | PA190X215X12/17 | 190 | 215 | 12 | 17 |
| PA63X75X7/10           | 63    | 75   | 7    | 10   | PA220X245X12/17 | 220 | 245 | 12 | 17 |

# PAF

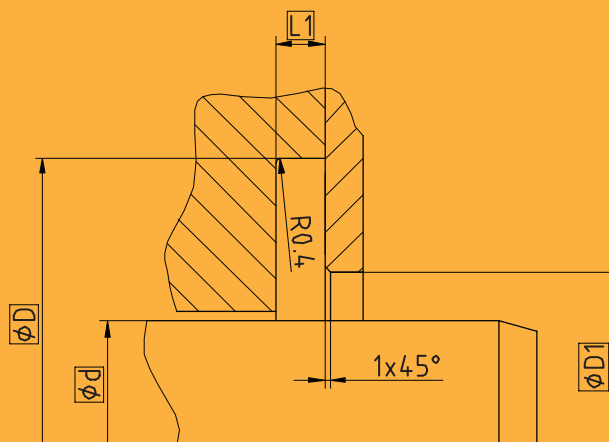
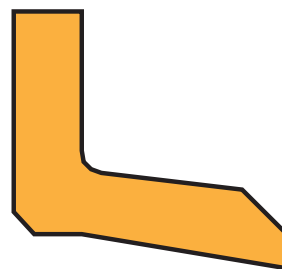


## OMINAISUUDET

Materiaali Polyuretaani/Teräshehä  
Nopeus 2,0 m/s  
Lämpötila -30 – +110 °C

| Tuotekoodi          | d     | D     | H    | PAF69,85X82,55X7,93 | 69,85 | 82,55 | 7,93 | PAF110X125X9       | 110   | 125   | 9   |
|---------------------|-------|-------|------|---------------------|-------|-------|------|--------------------|-------|-------|-----|
| PAF38,1X50,8X6,35   | 38,1  | 50,8  | 6,35 | PAF70X84X8          | 70    | 84    | 8    | PAF110X126X8       | 110   | 126   | 8   |
| PAF40X50X8          | 40    | 50    | 8    | PAF70X85X8          | 70    | 85    | 8    | PAF110X130X10      | 110   | 130   | 10  |
| PAF44,45X57,15X6,35 | 44,45 | 57,15 | 6,35 | PAF75X89X8          | 75    | 89    | 8    | PAF114,3X129X6     | 114,3 | 129   | 6   |
| PAF45X55X4          | 45    | 55    | 4    | PAF75X90X7,5        | 75    | 90    | 7,5  | PAF115X130X8       | 115   | 130   | 8   |
| PAF45X60X7,5        | 45    | 60    | 7,5  | PAF76,2X88,9X7,94   | 76,2  | 88,9  | 7,94 | PAF115X135X8       | 115   | 135   | 8   |
| PAF50X60X5          | 50    | 60    | 5    | PAF80X90X6          | 80    | 90    | 6    | PAF120X135X8       | 120   | 135   | 8   |
| PAF50X65X7,5        | 50    | 65    | 7,5  | PAF80X94X8          | 80    | 94    | 8    | PAF120X140X10      | 120   | 140   | 10  |
| PAF50,8X63,5X7,93   | 50,8  | 63,5  | 7,93 | PAF80X95X5          | 80    | 95    | 5    | PAF125X145X10      | 125   | 145   | 10  |
| PAF52,15X69,85X6,35 | 52,15 | 69,85 | 6,35 | PAF80X95X7,5        | 80    | 95    | 7,5  | PAF130X145X7,5     | 130   | 145   | 7,5 |
| PAF56X70X7,5        | 56    | 70    | 7,5  | PAF85X99X8          | 85    | 99    | 8    | PAF130X155X10      | 130   | 155   | 10  |
| PAF57,15X69,8X6,35  | 57,15 | 69,8  | 6,35 | PAF88,9X104,7X7,93  | 88,9  | 104,7 | 7,93 | PAF150X180X10      | 150   | 180   | 10  |
| PAF57,15X69,85X7,93 | 57,15 | 69,85 | 7,93 | PAF90X100X7         | 90    | 100   | 7    | PAF160X190X10      | 160   | 190   | 10  |
| PAF60X70X5          | 60    | 70    | 5    | PAF90X104X8         | 90    | 104   | 8    | PAF165,1X184,1X7,9 | 165,1 | 184,1 | 7,9 |
| PAF60X74X8          | 60    | 74    | 8    | PAF90X105X6         | 90    | 105   | 6    | PAF170X200X10      | 170   | 200   | 10  |
| PAF60X75X7,5        | 60    | 75    | 7,5  | PAF90X106X8         | 90    | 106   | 8    | PAF180X200X10      | 180   | 200   | 10  |
| PAF60X75X8          | 60    | 75    | 8    | PAF95X109X8         | 95    | 109   | 8    |                    |       |       |     |
| PAF63X78X7,5        | 63    | 78    | 7,5  | PAF100X115X7,5      | 100   | 115   | 7,5  |                    |       |       |     |
| PAF63,5X76,2X7,93   | 63,5  | 76,2  | 7,93 | PAF100X116X8        | 100   | 116   | 8    |                    |       |       |     |
| PAF63,5X82,55X9,52  | 63,5  | 82,55 | 9,52 | PAF100X120X10       | 100   | 120   | 10   |                    |       |       |     |
| PAF65X80X7,5        | 65    | 80    | 7,5  | PAF101,6X117X6      | 101,6 | 117   | 6    |                    |       |       |     |

# PDK

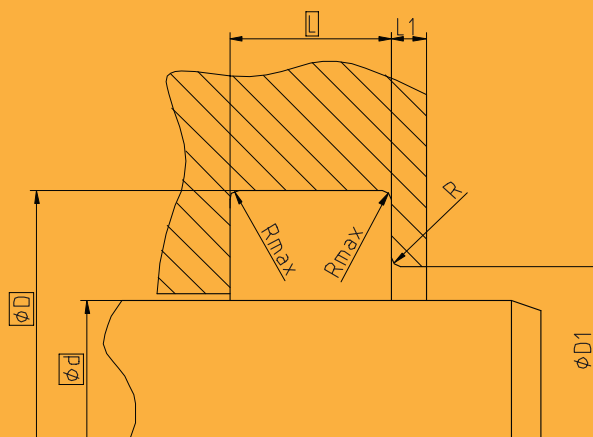
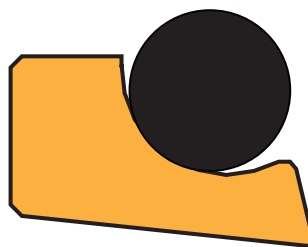


## OMINAISUUDET

Materiaali Nitrilikumi  
 Nopeus 0,8 m/s  
 Lämpötila -30 – +100 °C

| Tuotekoodi          | d  | D    | h    | H | PDK63X73X2,15/4   | 63  | 73  | 2,15 | 4 |
|---------------------|----|------|------|---|-------------------|-----|-----|------|---|
| PDK15X21X1,3/3      | 15 | 21   | 1,3  | 3 | PDK65X75X2,15/4   | 65  | 75  | 2,15 | 4 |
| PDK16X22X1,3/3      | 16 | 22   | 1,3  | 3 | PDK70X80X2,15/4   | 70  | 80  | 2,15 | 4 |
| PDK18X24X1,3/3      | 18 | 24   | 1,3  | 3 | PDK80X90X2,15/4   | 80  | 90  | 2,15 | 4 |
| PDK20X27,5X1,6X3    | 20 | 27,5 | 1,6  | 3 | PDK90X100X2,15/4  | 90  | 100 | 2,15 | 4 |
| PDK25X32,5X1,6/3    | 25 | 32,5 | 1,6  | 3 | PDK95X105X2,15/4  | 95  | 105 | 2,15 | 4 |
| PDK30X37,5X1,6/3    | 30 | 37,5 | 1,6  | 3 | PDK100X110X2,15/4 | 100 | 110 | 2,15 | 4 |
| PDK32X39,5X1,6/3-PU | 32 | 39,5 | 1,6  | 3 | PDK110X120X2,15/4 | 110 | 120 | 2,15 | 4 |
| PDK33X40,5X1,6/3    | 33 | 40,5 | 1,6  | 3 | PDK120X130X2,15/4 | 120 | 130 | 2,15 | 4 |
| PDK35X42,5X1,6/3    | 35 | 42,5 | 1,6  | 3 | PDK125X135X2,15/4 | 125 | 135 | 2,15 | 4 |
| PDK40X47,5X1,6/3    | 40 | 47,5 | 1,6  | 3 | PDK140X150X2,15/4 | 140 | 150 | 2,15 | 4 |
| PDK45X52,5X1,6/3    | 45 | 52,5 | 1,6  | 3 | PDK150X165X3,15/6 | 150 | 165 | 3,15 | 6 |
| PDK50X60X2,15/4     | 50 | 60   | 2,15 | 4 | PDK170X185X3,15/6 | 170 | 185 | 3,15 | 6 |
| PDK55X65X2,15/4     | 55 | 65   | 2,15 | 4 | PDK180X195X3,15/6 | 180 | 195 | 3,15 | 6 |
| PDK60X70X2,15/4     | 60 | 70   | 2,15 | 4 | PDK200X215X3,15/6 | 200 | 215 | 3,15 | 6 |

# P25F

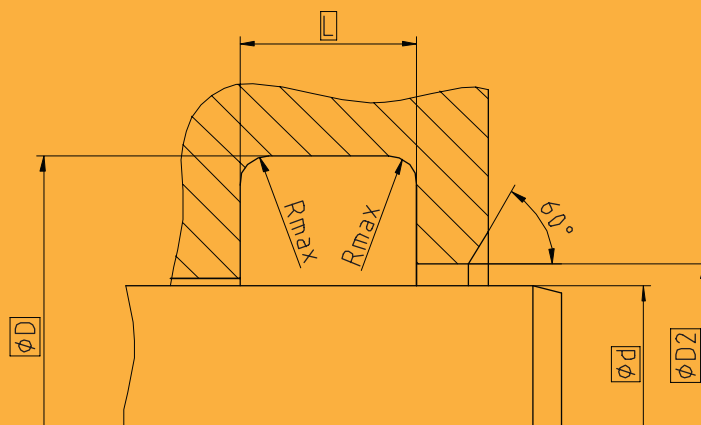


## OMINAISUUDET

Materiaali Pronssiteflon / Nitrilikumi  
 Nopeus 10,0 m/s  
 Lämpötila -30 – +100 °C

| Tuotekoodi    | d  | D    | H | P25F56X62,8X5   | 56  | 62,8  | 5 |
|---------------|----|------|---|-----------------|-----|-------|---|
| P25F22X28,8X5 | 22 | 28,8 | 5 | P25F60X66,8X5   | 60  | 66,8  | 5 |
| P25F25X31,8X5 | 25 | 31,8 | 5 | P25F63X69,8X5   | 63  | 69,8  | 5 |
| P25F28X34,8X5 | 28 | 34,8 | 5 | P25F65X73,8X6   | 65  | 73,8  | 6 |
| P25F30X36,8X5 | 30 | 36,8 | 5 | P25F70X78,8X6   | 70  | 78,8  | 6 |
| P25F32X38,8X5 | 32 | 38,8 | 5 | P25F80X88,8X6   | 80  | 88,8  | 6 |
| P25F35X41,8X5 | 35 | 41,8 | 5 | P25F90X96,8X5   | 90  | 96,8  | 5 |
| P25F36X42,8X5 | 36 | 42,8 | 5 | P25F90X98,8X6   | 90  | 98,8  | 6 |
| P25F40X46,8X5 | 40 | 46,8 | 5 | P25F100X108,8X6 | 100 | 108,8 | 6 |
| P25F45X51,8X5 | 45 | 51,8 | 5 | P25F110X118,8X6 | 110 | 118,8 | 6 |
| P25F50X56,8X5 | 50 | 56,8 | 5 |                 |     |       |   |

# P27F

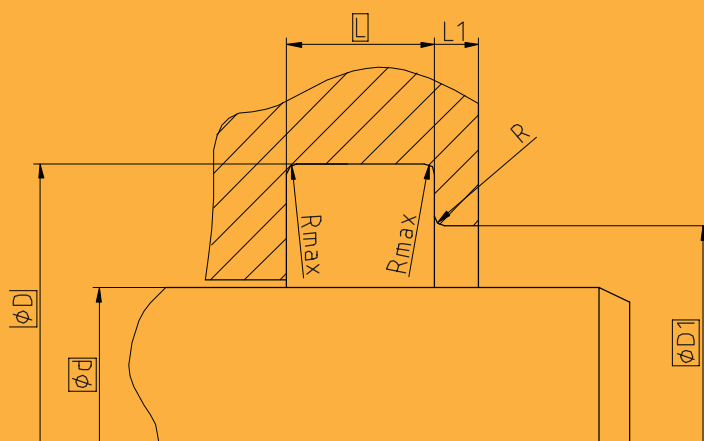
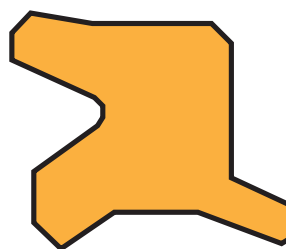


## OMINAISUUDET

Materiaali Pronssiteflon / Nitrilikumi  
 Nopeus 10,0 m/s  
 Lämpötila -30 – +100 °C

| Tuotekoodi        | d   | D     | L   |
|-------------------|-----|-------|-----|
| P27F18X24,8X5     | 18  | 24,8  | 5   |
| P27F28X35,6X4,2   | 28  | 35,6  | 4,2 |
| P27F32X39,6X4,2   | 32  | 39,6  | 4,2 |
| P27F36X43,6X4,2   | 36  | 43,6  | 4,2 |
| P27F40X46,8X5     | 40  | 46,8  | 5   |
| P27F45X51,8X5     | 45  | 51,8  | 5   |
| P27F50X58,8X6,3   | 50  | 58,8  | 6,3 |
| P27F60X66,8X5     | 60  | 66,8  | 5   |
| P27F60X68,8X6,3   | 60  | 68,8  | 6,3 |
| P27F65X73,8X6     | 65  | 73,8  | 6   |
| P27F70X78,8X6     | 70  | 78,8  | 6   |
| P27F70X82,2X8,1   | 70  | 82,2  | 8,1 |
| P27F80X92,2X8,1   | 80  | 92,2  | 8,1 |
| P27F100X108,8X6   | 100 | 108,8 | 6   |
| P27F110X118,8X6   | 110 | 118,8 | 6   |
| P27F110X122,2X8,1 | 110 | 122,2 | 8,1 |
| P27F140X148,8X6   | 140 | 148,8 | 6   |
| P27F170X178,8X6   | 170 | 178,8 | 6   |

# PAY

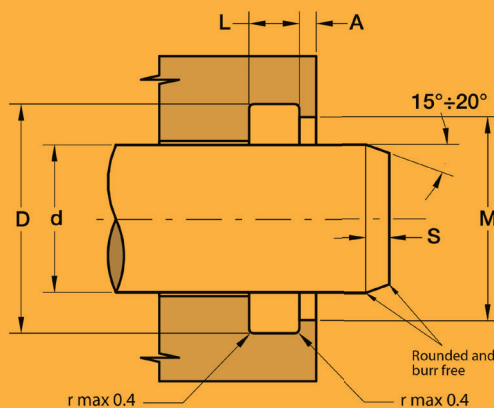
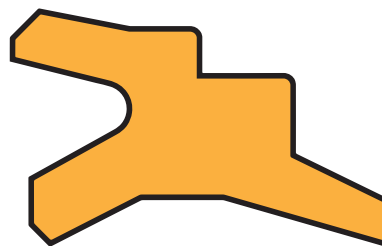


## OMINAISUUDET

Materiaali Polyuretaani  
 Nopeus 1,0 m/s  
 Lämpötila -30 – +110 °C

| Tuotekoodi       | d  | D  | h   | H   | PAY36X44X4,5/5,8  | 36  | 44  | 4,5 | 5,8 |
|------------------|----|----|-----|-----|-------------------|-----|-----|-----|-----|
| PAY12X18X3,6/4,8 | 12 | 18 | 3,6 | 4,8 | PAY40X48X4,5/5,8  | 40  | 48  | 4,5 | 5,8 |
| PAY14X20X3,6/4,8 | 14 | 20 | 3,6 | 4,8 | PAY45X53X4,5/5,8  | 45  | 53  | 4,5 | 5,8 |
| PAY16X22X3,6/4,8 | 16 | 22 | 3,6 | 4,8 | PAY50X58X4,5/5,8  | 50  | 58  | 4,5 | 5,8 |
| PAY18X24X3,6/4,8 | 18 | 24 | 3,6 | 4,8 | PAY55X65X5,3/6,8  | 55  | 65  | 5,3 | 6,8 |
| PAY18X26X6/8     | 18 | 26 | 6   | 8   | PAY56X64X5/7      | 56  | 64  | 5   | 7   |
| PAY20X26X3,6/4,8 | 20 | 26 | 3,6 | 4,8 | PAY56X66X5,3/6,8  | 56  | 66  | 5,3 | 6,8 |
| PAY22X28X3,8/4,8 | 22 | 28 | 3,8 | 4,8 | PAY60X70X5,3/6,8  | 60  | 70  | 5,3 | 6,8 |
| PAY25X31X3,6/4,8 | 25 | 31 | 3,6 | 4,8 | PAY63X73X5,3/6,8  | 63  | 73  | 5,3 | 6,8 |
| PAY25X33X5/7     | 25 | 33 | 5   | 7   | PAY65X73X5,8/6,8  | 65  | 73  | 5,8 | 6,8 |
| PAY28X36X4,5/5,8 | 28 | 36 | 4,5 | 5,8 | PAY70X80X5,3/6,8  | 70  | 80  | 5,3 | 6,8 |
| PAY28X36X5/7     | 28 | 36 | 5   | 7   | PAY80X90X5,3/6,8  | 80  | 90  | 5,3 | 6,8 |
| PAY30X38X4,5/5,8 | 30 | 38 | 4,5 | 5,8 | PAY90X100X5,3/6,8 | 90  | 100 | 5,3 | 6,8 |
| PAY32X40X5/5,8   | 32 | 40 | 5   | 5,8 | PAY110X122X7/10   | 110 | 122 | 7   | 10  |
| PAY35X43X4,5/5,8 | 35 | 43 | 4,5 | 5,8 |                   |     |     |     |     |

# PP8

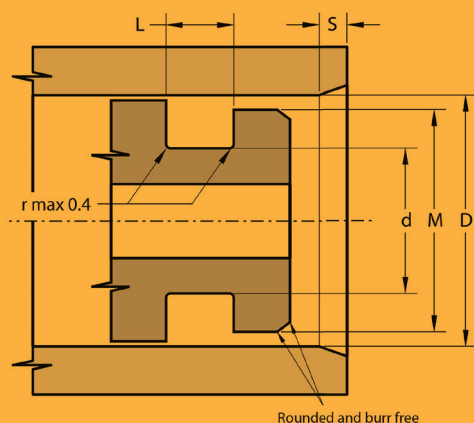
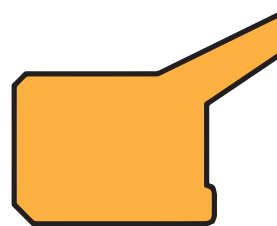


## OMINAISUUDET

Materiaali Nitrilikumi  
Nopeus 0,8 m/s  
Lämpötila -30 – +100 °C

| Tuotekoodi         | d   | D   | h   | H  |                      |     |     |     |    |
|--------------------|-----|-----|-----|----|----------------------|-----|-----|-----|----|
| PP8-10X16X4/7-P    | 10  | 16  | 4   | 7  | PP8-140X152X8/11-N   | 140 | 152 | 8   | 11 |
| PP8-16X24X4,5/6-N  | 16  | 24  | 4,5 | 6  | PP8-150X162X8/11-N   | 150 | 162 | 8   | 11 |
| PP8-20X28X6/8-N    | 20  | 28  | 6   | 8  | PP8-190X202X8/11-N   | 190 | 202 | 8   | 11 |
| PP8-25X33X6/8-N    | 25  | 33  | 6   | 8  | PP8-210X225X9,5/13-N | 210 | 225 | 9,5 | 13 |
| PP8-30X38X6/8-N    | 30  | 38  | 6   | 8  | PP8-260X275X9,5/13-N | 260 | 275 | 9,5 | 13 |
| PP8-32X40X6/8-N    | 32  | 40  | 6   | 8  | PP8-270X285X9,5/13-N | 270 | 285 | 9,5 | 13 |
| PP8-36X44X6/8-N    | 36  | 44  | 6   | 8  | PP8-280X295X9,5/13-N | 280 | 295 | 9,5 | 13 |
| PP8-45X53X6/8-N    | 45  | 53  | 6   | 8  | PP8-290X305X9,5/13-N | 290 | 305 | 9,5 | 13 |
| PP8-50X58X6/8-N    | 50  | 58  | 6   | 8  | PP8-300X315X9,5/13-N | 300 | 315 | 9,5 | 13 |
| PP8-85X93X6/8-N    | 85  | 93  | 6   | 8  | PP8-340X355X9,5/13-N | 340 | 355 | 9,5 | 13 |
| PP8-125X137X8/12-N | 125 | 137 | 8   | 12 | PP8-390X405X9,5/13-N | 390 | 405 | 9,5 | 13 |
| PP8-130X142X8/11-N | 130 | 142 | 8   | 11 | PP8-420X435X9,5/13-N | 420 | 435 | 9,5 | 13 |
|                    |     |     |     |    | PP8-460X475X9,5/13-N | 460 | 475 | 9,5 | 13 |

# SAA

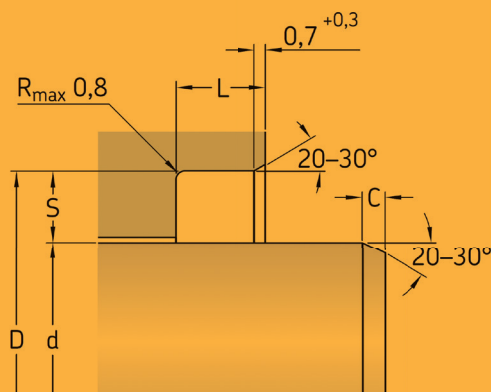
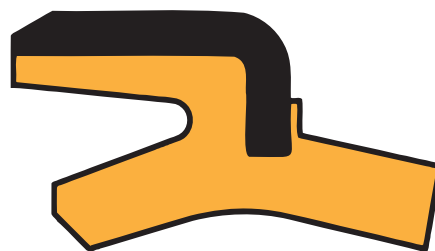


## OMINAISUUDET

Materiaali Polyuretaani  
 Nopeus 0,8 m/s  
 Lämpötila -30 – +110 °C

| Tuotekoodi | D   | d     | L   |
|------------|-----|-------|-----|
| SAA30      | 30  | 21,4  | 5,3 |
| SAA40      | 40  | 31,4  | 5,3 |
| SAA50      | 50  | 41,4  | 5,3 |
| SAA60      | 60  | 51,4  | 5,3 |
| SAA63      | 63  | 54,4  | 5,3 |
| SAA70      | 70  | 61,4  | 5,3 |
| SAA80      | 80  | 71,4  | 5,3 |
| SAA90      | 90  | 81,4  | 5,3 |
| SAA95      | 95  | 86,4  | 5,3 |
| SAA100     | 100 | 91,4  | 5,3 |
| SAA110     | 110 | 101,4 | 5,3 |
| SAA115     | 115 | 106,4 | 5,3 |
| SAA120     | 120 | 111,4 | 5,3 |
| SAA125     | 125 | 116,4 | 5,3 |
| SAA130     | 130 | 121,4 | 5,3 |
| SAA140     | 140 | 131,4 | 5,3 |

# SCB

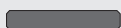


## OMINAISUUDET

Materiaali Polyuretaani/Teräskehä  
 Nopeus 1,0 m/s  
 Lämpötila -40 – +110 °C

| Tuotekoodi    | d  | D  | h | H  |                  |     |     |    |    |
|---------------|----|----|---|----|------------------|-----|-----|----|----|
| SCB20X32X6/9  | 20 | 32 | 6 | 9  | SCB75X89X8/11    | 75  | 89  | 8  | 11 |
| SCB25X37X6/9  | 25 | 37 | 6 | 9  | SCB80X94X8/11    | 80  | 94  | 8  | 11 |
| SCB30X42X6/9  | 30 | 42 | 6 | 9  | SCB85X99X8/11    | 85  | 99  | 8  | 11 |
| SCB32X44X7/10 | 32 | 44 | 7 | 10 | SCB90X100X7/10   | 90  | 100 | 7  | 10 |
| SCB32X52X8/11 | 32 | 52 | 8 | 11 | SCB90X104X8/11   | 90  | 104 | 8  | 11 |
| SCB35X47X7/10 | 35 | 47 | 7 | 10 | SCB95X109X8/11   | 95  | 109 | 8  | 11 |
| SCB36X48X7/10 | 36 | 48 | 7 | 10 | SCB100X114X8/11  | 100 | 114 | 8  | 11 |
| SCB40X52X7/10 | 40 | 52 | 7 | 10 | SCB105X121X9/12  | 105 | 121 | 9  | 12 |
| SCB45X57X7/10 | 45 | 57 | 7 | 10 | SCB110X126X9/12  | 110 | 126 | 9  | 12 |
| SCB50X62X7/10 | 50 | 62 | 7 | 10 | SCB115X131X9/12  | 115 | 131 | 9  | 12 |
| SCB55X69X8/11 | 55 | 69 | 8 | 11 | SCB120X136X9/12  | 120 | 136 | 9  | 12 |
| SCB60X74X8/11 | 60 | 74 | 8 | 11 | SCB130X146X9/12  | 130 | 146 | 9  | 12 |
| SCB65X79X8/11 | 65 | 79 | 8 | 11 | SCB140X160X10/14 | 140 | 160 | 10 | 14 |
| SCB70X84X8/11 | 70 | 84 | 8 | 11 | SCB150X170X10/14 | 150 | 17  | 10 | 14 |

# Ohjaimet



**VARRENOHJAIN-  
RENKAAT**

72



**MÄNNÄN-  
OHJAINRENKAAT**

73



**KOVAKUDOS-  
OHJAIN**

74



**FIL-OHJAIMET**

76



**OHJAINNAUHA**

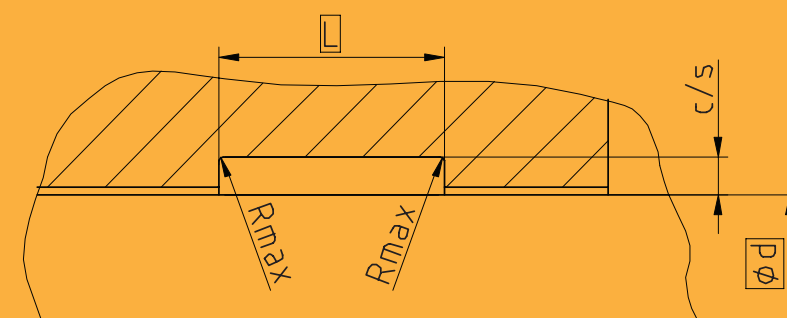
77



**KOVAKUDOS-  
NAUHA**

78

# IPWR

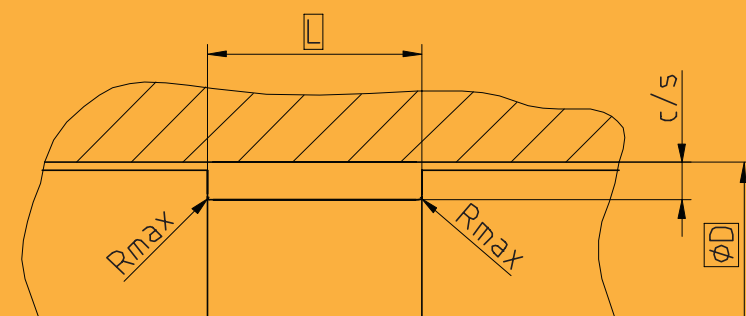


## OMINAISUUDET

Materiaali Asetaalinuovi  
Nopeus 1,0 m/s  
Lämpötila -30 – +110 °C

| Tuotekoodi     | d  | D  | H    | IPWR45X51X9,6   | 45 | 51  | 9,6  | IPWR100X106X12,8 | 100 | 106 | 12,8 |
|----------------|----|----|------|-----------------|----|-----|------|------------------|-----|-----|------|
| IPWR18X22X9,6  | 18 | 22 | 9,6  | IPWR45X51X12,8  | 45 | 51  | 12,8 | IPWR105X111X12,8 | 105 | 111 | 12,8 |
| IPWR20X26X9,6  | 20 | 26 | 9,6  | IPWR50X56X9,6   | 50 | 56  | 9,6  | IPWR105X111X17,8 | 105 | 111 | 17,8 |
| IPWR22X28X9,6  | 22 | 28 | 9,6  | IPWR50X56X12,8  | 50 | 56  | 12,8 | IPWR110X116X12,8 | 110 | 116 | 12,8 |
| IPWR25X31X9,6  | 25 | 31 | 9,6  | IPWR55X61X12,8  | 55 | 61  | 12,8 | IPWR115X121X12,8 | 115 | 121 | 12,8 |
| IPWR28X34X9,6  | 28 | 34 | 9,6  | IPWR56X62X12,8  | 56 | 62  | 12,8 | IPWR120X126X12,8 | 120 | 126 | 12,8 |
| IPWR30X36X9,6  | 30 | 36 | 9,6  | IPWR60X66X12,8  | 60 | 66  | 12,8 | IPWR125X131X12,8 | 125 | 131 | 12,8 |
| IPWR32X36X9,6  | 32 | 36 | 9,6  | IPWR63X69X12,8  | 63 | 69  | 12,8 | IPWR130X136X12,8 | 130 | 136 | 12,8 |
| IPWR32X38X9,6  | 32 | 38 | 9,6  | IPWR63X69X17,8  | 63 | 69  | 17,8 | IPWR140X146X12,8 | 140 | 146 | 12,8 |
| IPWR35X39X9,6  | 35 | 39 | 9,6  | IPWR65X71X12,8  | 65 | 71  | 12,8 | IPWR142X148X12,8 | 142 | 148 | 12,8 |
| IPWR35X41X9,6  | 35 | 41 | 9,6  | IPWR70X76X12,8  | 70 | 76  | 12,8 | IPWR150X156X12,8 | 150 | 156 | 12,8 |
| IPWR36X42X9,6  | 36 | 42 | 9,6  | IPWR75X81X12,8  | 75 | 81  | 12,8 | IPWR160X166X19,2 | 160 | 166 | 19,2 |
| IPWR40X44X9,6  | 40 | 44 | 9,6  | IPWR80X86X12,8  | 80 | 86  | 12,8 | IPWR165X171X19,2 | 165 | 171 | 19,2 |
| IPWR40X45X5,4  | 40 | 45 | 5,4  | IPWR85X91X12,8  | 85 | 91  | 12,8 | IPWR180X186X19,2 | 180 | 186 | 19,2 |
| IPWR40X46X9,6  | 40 | 46 | 9,6  | IPWR90X96X12,8  | 90 | 96  | 12,8 | IPWR185X191X19,2 | 185 | 191 | 19,2 |
| IPWR40X46X12,8 | 40 | 46 | 12,8 | IPWR95X101X12,8 | 95 | 101 | 12,8 |                  |     |     |      |

# EPWR



## OMINAISUUDET

Materiaali Asetaalimuovi  
 Nopeus 1,0 m/s  
 Lämpötila -30 – +110 °C

| Tuotekoodi     | D  | d  | H    |                  |     |     |      |
|----------------|----|----|------|------------------|-----|-----|------|
| EPWR25X21X9,6  | 25 | 21 | 9,6  | EPWR80X75X9,6    | 80  | 75  | 9,6  |
| EPWR32X28X9,6  | 32 | 28 | 9,6  | EPWR80X76X15     | 80  | 76  | 15   |
| EPWR40X34X9,6  | 40 | 34 | 9,6  | EPWR85X79X12,8   | 85  | 79  | 12,8 |
| EPWR40X36X9,6  | 40 | 36 | 9,6  | EPWR90X84X12,8   | 90  | 84  | 12,8 |
| EPWR50X44X9,6  | 50 | 44 | 9,6  | EPWR100X94X12,8  | 100 | 94  | 12,8 |
| EPWR50X46X9,6  | 50 | 46 | 9,6  | EPWR100X96X15    | 100 | 96  | 15   |
| EPWR55X49X12,8 | 55 | 49 | 12,8 | EPWR110X104X12,8 | 110 | 104 | 12,8 |
| EPWR60X54X9,6  | 60 | 54 | 9,6  | EPWR115X109X12,8 | 115 | 109 | 12,8 |
| EPWR60X54X12,8 | 60 | 54 | 12,8 | EPWR120X114X12,8 | 120 | 114 | 12,8 |
| EPWR63X57X12,8 | 63 | 57 | 12,8 | EPWR125X119X12,8 | 125 | 119 | 12,8 |
| EPWR63X58X9,6  | 63 | 58 | 9,6  | EPWR130X124X12,8 | 130 | 124 | 12,8 |
| EPWR63X59X9,6  | 63 | 59 | 9,6  | EPWR140X134X12,8 | 140 | 134 | 12,8 |
| EPWR65X59X12,8 | 65 | 59 | 12,8 | EPWR150X144X12,8 | 150 | 144 | 12,8 |
| EPWR70X64X12,8 | 70 | 64 | 12,8 | EPWR160X154X19,2 | 160 | 154 | 19,2 |
| EPWR70X65X9,7  | 70 | 65 | 9,7  | EPWR180X174X19,2 | 180 | 174 | 19,2 |
| EPWR75X69X12,8 | 75 | 69 | 12,8 | EPWR200X194X19,2 | 200 | 194 | 19,2 |
| EPWR80X74X12,8 | 80 | 74 | 12,8 | EPWR250X244X19,2 | 250 | 244 | 19,2 |

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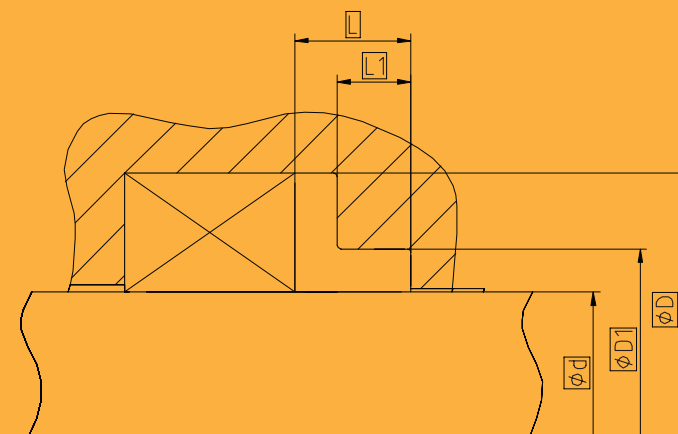


|            |               |
|------------|---------------|
| Materiaali | Kovakudos     |
| Nopeus     | 4,0 m/s       |
| Lämpötila  | -40 – +130 °C |

|             |    |    |     |               |    |    |      |              |    |    |      |              |    |    |      |
|-------------|----|----|-----|---------------|----|----|------|--------------|----|----|------|--------------|----|----|------|
| Tuotekoodi  | d  | D  | H   | KK32X37X9,7   | 32 | 37 | 9,7  | KK45X50X5,6  | 45 | 50 | 5,6  | KK56X61X15   | 56 | 61 | 15   |
| KK22X26X6,3 | 22 | 26 | 6,3 | KK32X38X9,6   | 32 | 38 | 9,6  | KK45X50X9,7  | 45 | 50 | 9,7  | KK56X62X13   | 56 | 62 | 13   |
| KK25X30X5,6 | 25 | 30 | 5,6 | KK32X38X19,8  | 32 | 38 | 19,8 | KK45X50X15   | 45 | 50 | 15   | KK57X63X13   | 57 | 63 | 13   |
| KK25X30X9,7 | 25 | 30 | 9,7 | KK34X40X9,7   | 34 | 40 | 9,7  | KK45X50X19,6 | 45 | 50 | 19,6 | KK58X63X5,6  | 58 | 63 | 5,6  |
| KK25X30X15  | 25 | 30 | 15  | KK35X38X5,6   | 35 | 38 | 5,6  | KK45X51X13   | 45 | 51 | 13   | KK58X63X9,7  | 58 | 63 | 9,7  |
| KK26X30X8   | 26 | 30 | 8   | KK35X40X5,6   | 35 | 40 | 5,6  | KK46X50X5,6  | 46 | 50 | 5,6  | KK58X63X15   | 58 | 63 | 15   |
| KK27X32X5,6 | 27 | 32 | 5,6 | KK35X40X9,7   | 35 | 40 | 9,7  | KK46X50X9,7  | 46 | 50 | 9,7  | KK60X65X5,6  | 60 | 65 | 5,6  |
| KK27X32X9,7 | 27 | 32 | 9,7 | KK35X40X15    | 35 | 40 | 15   | KK47X50X5,6  | 47 | 50 | 5,6  | KK60X65X8    | 60 | 65 | 8    |
| KK28X32X5,6 | 28 | 32 | 5,6 | KK36X39X5,6   | 36 | 39 | 5,6  | KK50X55X5,6  | 50 | 55 | 5,6  | KK60X65X8,8  | 60 | 65 | 8,8  |
| KK28X32X8   | 28 | 32 | 8   | KK36X40X8     | 36 | 40 | 8    | KK50X55X9,7  | 50 | 55 | 9,7  | KK60X65X9    | 60 | 65 | 9    |
| KK28X32X9,7 | 28 | 32 | 9,7 | KK36X41X5,6   | 36 | 41 | 5,6  | KK50X55X15   | 50 | 55 | 15   | KK60X65X9,7  | 60 | 65 | 9,7  |
| KK28X33X5,6 | 28 | 33 | 5,6 | KK36X41X9,7   | 36 | 41 | 9,7  | KK50X56X12,8 | 50 | 56 | 12,8 | KK60X65X15   | 60 | 65 | 15   |
| KK28X33X9,7 | 28 | 33 | 9,7 | KK36X42X9,7   | 36 | 42 | 9,7  | KK50X56X20   | 50 | 56 | 20   | KK60X65X19,8 | 60 | 65 | 19,8 |
| KK28X34X9,7 | 28 | 34 | 9,7 | KK37X40X3,55H | 37 | 40 | 3,55 | KK54X60X9,7  | 54 | 60 | 9,7  | KK60X66X13   | 60 | 66 | 13   |
| KK28X34X10  | 28 | 34 | 10  | KK40X43X5,6   | 40 | 43 | 5,6  | KK54X60X12,8 | 54 | 60 | 12,8 | KK63X68X9,7  | 63 | 68 | 9,7  |
| KK29X32X5,5 | 29 | 32 | 5,5 | KK40X43X9,7   | 40 | 43 | 9,7  | KK54X60X15   | 54 | 60 | 15   | KK63X68X15   | 63 | 68 | 15   |
| KK30X34X8   | 30 | 34 | 8   | KK40X45X5,6   | 40 | 45 | 5,6  | KK54X62X13   | 54 | 62 | 13   | KK63X69X13   | 63 | 69 | 13   |
| KK30X35X5,6 | 30 | 35 | 5,6 | KK40X45X9,7   | 40 | 45 | 9,7  | KK55X60X5,6  | 55 | 60 | 5,6  | KK63X69X30   | 63 | 69 | 30   |
| KK30X35X9,7 | 30 | 35 | 9,7 | KK40X45X15    | 40 | 45 | 15   | KK55X60X9,7  | 55 | 60 | 9,7  | KK64X70X13   | 64 | 70 | 13   |
| KK30X36X10  | 30 | 36 | 10  | KK40X46X10    | 40 | 46 | 10   | KK55X60X15   | 55 | 60 | 15   | KK65X70X5,6  | 65 | 70 | 5,6  |
| KK32X35X5,5 | 32 | 35 | 5,5 | KK40X46X15    | 40 | 46 | 15   | KK55X60X25   | 55 | 60 | 25   | KK65X70X8    | 65 | 70 | 8    |
| KK32X36X20  | 32 | 36 | 20  | KK42X47X9,7   | 42 | 47 | 9,7  | KK56X61X5,6  | 56 | 61 | 5,6  | KK65X70X9,7  | 65 | 70 | 9,7  |
| KK32X37X5,6 | 32 | 37 | 5,6 | KK44X50X9,7   | 44 | 50 | 9,7  | KK56X61X9,7  | 56 | 61 | 9,7  | KK65X70X15   | 65 | 70 | 15   |

|                |     |     |      |                |     |     |      |                |     |     |      |                |     |     |      |
|----------------|-----|-----|------|----------------|-----|-----|------|----------------|-----|-----|------|----------------|-----|-----|------|
| KK65X70X19,8   | 65  | 70  | 19,8 | KK110X115X8    | 110 | 115 | 8    | KK153X160X24,8 | 153 | 160 | 24,8 | KK244X250X19,5 | 244 | 250 | 19,5 |
| KK65X71X12,8   | 65  | 71  | 12,8 | KK110X115X9,7  | 110 | 115 | 9,7  | KK153X160X39,8 | 153 | 160 | 39,8 | KK244X250X24,8 | 244 | 250 | 24,8 |
| KK69X75X12,8   | 69  | 75  | 12,8 | KK110X115X15   | 110 | 115 | 15   | KK154X160X13   | 154 | 160 | 13   | KK245X250X20   | 245 | 250 | 20   |
| KK69X75X24,8   | 69  | 75  | 24,8 | KK110X115X19,8 | 110 | 115 | 19,8 | KK154X160X30   | 154 | 160 | 30   | KK245X250X25   | 245 | 250 | 25   |
| KK70X75X5,6    | 70  | 75  | 5,6  | KK110X115X25   | 110 | 115 | 25   | KK155X160X9,7  | 155 | 160 | 9,7  | KK245X250X30   | 245 | 250 | 30   |
| KK70X75X9,7    | 70  | 75  | 9,7  | KK110X116X12,8 | 110 | 116 | 12,8 | KK155X160X15   | 155 | 160 | 15   | KK255X260X25   | 255 | 260 | 25   |
| KK70X75X15     | 70  | 75  | 15   | KK114X120X29,8 | 114 | 120 | 29,8 | KK155X160X19,8 | 155 | 160 | 19,8 | KK255X260X30   | 255 | 260 | 30   |
| KK70X76X12,8   | 70  | 76  | 12,8 | KK115X120X5,6  | 115 | 120 | 5,6  | KK156X160X30   | 156 | 160 | 30   | KK260X265X14,8 | 260 | 265 | 14,8 |
| KK71X75X12     | 71  | 75  | 12   | KK115X120X8    | 115 | 120 | 8    | KK160X165X9    | 160 | 165 | 9    | KK285X290X20   | 285 | 290 | 20   |
| KK74X80X13     | 74  | 80  | 13   | KK115X120X9,7  | 115 | 120 | 9,7  | KK160X165X9,7  | 160 | 165 | 9,7  | KK285X290X24,7 | 285 | 290 | 24,7 |
| KK75X80X5,6    | 75  | 80  | 5,6  | KK115X120X13,7 | 115 | 120 | 13,7 | KK160X165X15   | 160 | 165 | 15   | KK290X295X14,8 | 290 | 295 | 14,8 |
| KK75X80X8      | 75  | 80  | 8    | KK115X120X15   | 115 | 120 | 15   | KK160X165X20   | 160 | 165 | 20   | KK292X300X19,8 | 292 | 300 | 19,8 |
| KK75X80X9,7    | 75  | 80  | 9,7  | KK119X125X13   | 119 | 125 | 13   | KK160X165X25   | 160 | 165 | 25   | KK294X300X34,7 | 294 | 300 | 34,7 |
| KK75X80X15     | 75  | 80  | 15   | KK119X125X15   | 119 | 125 | 15   | KK160X166X13   | 160 | 166 | 13   | KK310X315X14,8 | 310 | 315 | 14,8 |
| KK75X80X19,8   | 75  | 80  | 19,8 | KK120X125X8    | 120 | 125 | 8    | KK160X166X19   | 160 | 166 | 19   | KK352X360X24,7 | 352 | 360 | 24,7 |
| KK79X85X24,8   | 79  | 85  | 24,8 | KK120X125X9,7  | 120 | 125 | 9,7  | KK160X166X19,8 | 160 | 166 | 19,8 | KK354X360X40   | 354 | 360 | 40   |
| KK80X85X5,6    | 80  | 85  | 5,6  | KK120X125X15   | 120 | 125 | 15   | KK160X166X20   | 160 | 166 | 20   | KK385X390X15   | 385 | 390 | 15   |
| KK80X85X9,7    | 80  | 85  | 9,7  | KK120X125X20   | 120 | 125 | 20   | KK164X170X9,7  | 164 | 170 | 9,7  |                |     |     |      |
| KK80X85X15     | 80  | 85  | 15   | KK120X125X24,8 | 120 | 125 | 24,8 | KK165X170X15   | 165 | 170 | 15   |                |     |     |      |
| KK80X85X19,8   | 80  | 85  | 19,8 | KK120X126X12,8 | 120 | 126 | 12,8 | KK165X171X12,8 | 165 | 171 | 12,8 |                |     |     |      |
| KK80X85X35     | 80  | 85  | 35   | KK123X130X29,8 | 123 | 130 | 29,8 | KK165X171X19,2 | 165 | 171 | 19,2 |                |     |     |      |
| KK80X86X12,8   | 80  | 86  | 12,8 | KK125X130X5,6  | 125 | 130 | 5,6  | KK170X175X15   | 170 | 175 | 15   |                |     |     |      |
| KK80X86X35     | 80  | 86  | 35   | KK125X130X8    | 125 | 130 | 8    | KK170X175X25   | 170 | 175 | 25   |                |     |     |      |
| KK84X90X13     | 84  | 90  | 13   | KK125X130X9,7  | 125 | 130 | 9,7  | KK172X180X44,7 | 172 | 180 | 44,7 |                |     |     |      |
| KK85X90X5,6    | 85  | 90  | 5,6  | KK125X130X15   | 125 | 130 | 15   | KK174X180X12,8 | 174 | 180 | 12,8 |                |     |     |      |
| KK85X90X8      | 85  | 90  | 8    | KK125X130X25   | 125 | 130 | 25   | KK174X180X20   | 174 | 180 | 20   |                |     |     |      |
| KK85X90X9,7    | 85  | 90  | 9,7  | KK125X131X12,8 | 125 | 131 | 12,8 | KK175X180X9,7  | 175 | 180 | 9,7  |                |     |     |      |
| KK85X90X15     | 85  | 90  | 15   | KK128X135X25   | 128 | 135 | 25   | KK175X180X15   | 175 | 180 | 15   |                |     |     |      |
| KK85X90X19,8   | 85  | 90  | 19,8 | KK130X135X8    | 130 | 135 | 8    | KK175X180X19,8 | 175 | 180 | 19,8 |                |     |     |      |
| KK89X94X5      | 89  | 94  | 5    | KK130X135X9,7  | 130 | 135 | 9,7  | KK175X180X24,5 | 175 | 180 | 24,5 |                |     |     |      |
| KK89X95X24,8   | 89  | 95  | 24,8 | KK130X135X15   | 130 | 135 | 15   | KK175X180X30   | 175 | 180 | 30   |                |     |     |      |
| KK90X94X40     | 90  | 94  | 40   | KK130X135X20   | 130 | 135 | 20   | KK180X185X9,7  | 180 | 185 | 9,7  |                |     |     |      |
| KK90X95X8      | 90  | 95  | 8    | KK133X138X15   | 133 | 138 | 15   | KK180X185X15   | 180 | 185 | 15   |                |     |     |      |
| KK90X95X9,7    | 90  | 95  | 9,7  | KK133X140X34,7 | 133 | 140 | 34,7 | KK180X185X20   | 180 | 185 | 20   |                |     |     |      |
| KK90X95X15     | 90  | 95  | 15   | KK134X140X12,8 | 134 | 140 | 12,8 | KK180X185X24,8 | 180 | 185 | 24,8 |                |     |     |      |
| KK90X95X20     | 90  | 95  | 20   | KK134X140X13   | 134 | 140 | 13   | KK183X190X24,8 | 183 | 190 | 24,8 |                |     |     |      |
| KK90X95X25     | 90  | 95  | 25   | KK135X140X5    | 135 | 140 | 5    | KK185X191X12,8 | 185 | 191 | 12,8 |                |     |     |      |
| KK90X95X35     | 90  | 95  | 35   | KK135X140X8    | 135 | 140 | 8    | KK185X191X19,2 | 185 | 191 | 19,2 |                |     |     |      |
| KK90X96X13     | 90  | 96  | 13   | KK135X140X9,7  | 135 | 140 | 9,7  | KK190X195X15   | 190 | 195 | 15   |                |     |     |      |
| KK90X96X24,8   | 90  | 96  | 24,8 | KK135X140X15   | 135 | 140 | 15   | KK192X200X22,3 | 192 | 200 | 22,3 |                |     |     |      |
| KK94X100X24,8  | 94  | 100 | 24,8 | KK135X140X19,8 | 135 | 140 | 19,8 | KK192X200X44,8 | 192 | 200 | 44,8 |                |     |     |      |
| KK95X100X5,6   | 95  | 100 | 5,6  | KK135X140X25   | 135 | 140 | 25   | KK194X200X15   | 194 | 200 | 15   |                |     |     |      |
| KK95X100X8     | 95  | 100 | 8    | KK140X145X8    | 140 | 145 | 8    | KK194X200X20   | 194 | 200 | 20   |                |     |     |      |
| KK95X100X9,7   | 95  | 100 | 9,7  | KK140X145X9,7  | 140 | 145 | 9,7  | KK195X200X9,7  | 195 | 200 | 9,7  |                |     |     |      |
| KK95X100X15    | 95  | 100 | 15   | KK140X145X14,8 | 140 | 145 | 14,8 | KK195X200X15   | 195 | 200 | 15   |                |     |     |      |
| KK95X100X20    | 95  | 100 | 20   | KK140X145X24,5 | 140 | 145 | 24,5 | KK195X200X19,8 | 195 | 200 | 19,8 |                |     |     |      |
| KK95X100X25    | 95  | 100 | 25   | KK140X145X25   | 140 | 145 | 25   | KK195X200X25   | 195 | 200 | 25   |                |     |     |      |
| KK95X101X12,8  | 95  | 101 | 12,8 | KK140X146X12,8 | 140 | 146 | 12,8 | KK200X205X9,7  | 200 | 205 | 9,7  |                |     |     |      |
| KK100X105X8    | 100 | 105 | 8    | KK140X146X35   | 140 | 146 | 35   | KK200X205X15   | 200 | 205 | 15   |                |     |     |      |
| KK100X105X9,7  | 100 | 105 | 9,7  | KK142X148X12,8 | 142 | 148 | 12,8 | KK200X205X24,8 | 200 | 205 | 24,8 |                |     |     |      |
| KK100X105X15   | 100 | 105 | 15   | KK145X150X8    | 145 | 150 | 8    | KK202X207X15   | 202 | 207 | 15   |                |     |     |      |
| KK100X106X13   | 100 | 106 | 13   | KK145X150X9,7  | 145 | 150 | 9,7  | KK205X210X15   | 205 | 210 | 15   |                |     |     |      |
| KK100X106X15   | 100 | 106 | 15   | KK145X150X15   | 145 | 150 | 15   | KK215X220X9,7  | 215 | 220 | 9,7  |                |     |     |      |
| KK104X110X12,8 | 104 | 110 | 12,8 | KK145X150X20   | 145 | 150 | 20   | KK215X220X15   | 215 | 220 | 15   |                |     |     |      |
| KK104X110X15   | 104 | 110 | 15   | KK145X150X25   | 145 | 150 | 25   | KK215X220X20   | 215 | 220 | 20   |                |     |     |      |
| KK104X110X24,8 | 104 | 110 | 24,8 | KK150X155X9,7  | 150 | 155 | 9,7  | KK225X230X24,7 | 225 | 230 | 24,7 |                |     |     |      |
| KK105X110X8    | 105 | 110 | 8    | KK150X155X15   | 150 | 155 | 15   | KK230X235X14,8 | 230 | 235 | 14,8 |                |     |     |      |
| KK105X110X9,7  | 105 | 110 | 9,7  | KK150X155X25   | 150 | 155 | 25   | KK230X235X25   | 230 | 235 | 25   |                |     |     |      |
| KK105X110X15   | 105 | 110 | 15   | KK152X157X15   | 152 | 157 | 15   | KK235X240X15   | 235 | 240 | 15   |                |     |     |      |
| KK105X110X20   | 105 | 110 | 20   | KK153X160X19,8 | 153 | 160 | 19,8 | KK242X250X14,8 | 242 | 250 | 14,8 |                |     |     |      |

# FIL

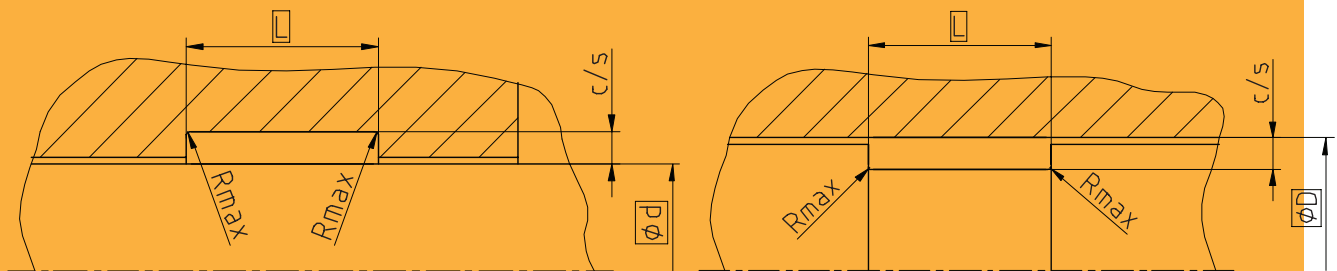


## OMINAISUUDET

Materiaali Asetaalimuovi  
 Nopeus 1,0 m/s  
 Lämpötila -40 – +110 °C

| Tuotekoodi      | d   | D1  | D     | L1 | L  | FIL115          | 115 | 121 | 126   | 5  | 13 |
|-----------------|-----|-----|-------|----|----|-----------------|-----|-----|-------|----|----|
| FIL55           | 55  | 61  | 66    | 5  | 13 | FIL125          | 125 | 131 | 136   | 5  | 13 |
| FIL65X71X13/S   | 65  | 71  | 76    | 5  | 13 | FIL129-HYVA     | 129 | 136 | 139,4 | 16 | 5  |
| FIL70           | 70  | 76  | 81    | 5  | 13 | FIL132          | 132 | 138 | 143   | 5  | 13 |
| FIL72-HYVA      | 72  | 77  | 82,4  | 16 | 5  | FIL135          | 135 | 141 | 146   | 5  | 13 |
| FIL85           | 85  | 91  | 96    | 5  | 13 | FIL142          | 142 | 148 | 153   | 5  | 13 |
| FIL91-HYVA      | 91  | 96  | 101,4 | 16 | 5  | FIL145X151X13/S | 145 | 151 | 156   | 5  | 13 |
| FIL95           | 95  | 101 | 106   | 5  | 13 | FIL152          | 152 | 158 | 163   | 5  | 13 |
| FIL100          | 100 | 106 | 111   | 5  | 13 | FIL165X171X13/S | 165 | 171 | 176   | 5  | 13 |
| FIL105X111X13/S | 105 | 111 | 116   | 5  | 13 | FIL172          | 172 | 178 | 183   | 5  | 13 |
| FIL110          | 110 | 116 | 121   | 5  | 13 | FIL194          | 194 | 200 | 205   | 5  | 13 |
| FIL110-HYVA     | 110 | 115 | 120,4 | 16 | 5  | FIL218          | 218 | 224 | 229   | 5  | 13 |

# PO



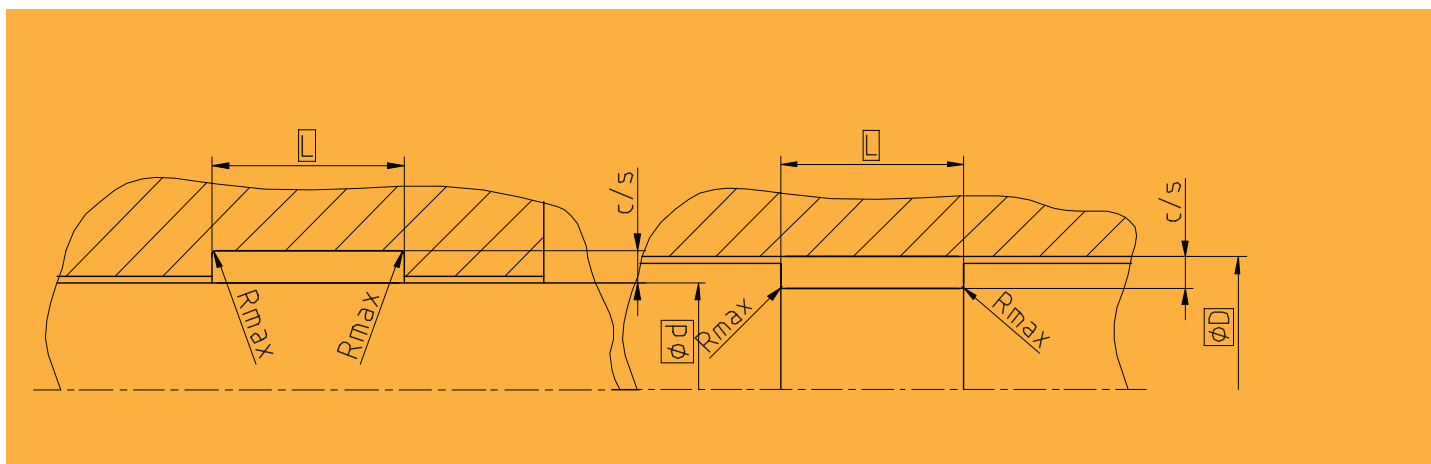
## OMINAISUUDET

Materiaali PronssiPTFE(-P)  
Nopeus 5,0 m/s  
Lämpötila -200 – +260 °C

HiiliPTFE(-H)  
5,0 m/s  
-200 – +260 °C

| Tuotekoodi | H   | W   | PO9,7X2,0P  | 9,7  | 2   | PO20X2,0H   | 20   | 2   |
|------------|-----|-----|-------------|------|-----|-------------|------|-----|
| PO3,2X1,5P | 3,2 | 1,5 | PO9,7X2,5H  | 9,7  | 2,5 | PO20X2,0P   | 20   | 2   |
| PO4X1,5P   | 4   | 1,5 | PO9,7X2,5P  | 9,7  | 2,5 | PO20X2,5P   | 20   | 2,5 |
| PO4X2,5P   | 4   | 2,5 | PO9,7X4,0P  | 9,7  | 4   | PO20X3,0H   | 20   | 3   |
| PO5,6X1,5P | 5,6 | 1,5 | PO10X1,5H   | 10   | 1,5 | PO20X3,0P   | 20   | 3   |
| PO5,6X2,5H | 5,6 | 2,5 | PO10X1,5P   | 10   | 1,5 | PO22X2,5P   | 22   | 2,5 |
| PO5,6X2,5P | 5,6 | 2,5 | PO10X2,0H   | 10   | 2   | PO24,5X4,0P | 24,5 | 4   |
| PO6X2,0P   | 6   | 2   | PO10X2,0P   | 10   | 2   | PO25X2,0H   | 25   | 2   |
| PO6,0X4,0H | 6   | 4   | PO12X2,0P   | 12   | 2   | PO25X2,0P   | 25   | 2   |
| PO6,0X4,0P | 6   | 4   | PO12X3,0P   | 12   | 3   | PO25X2,5P   | 25   | 2,5 |
| PO6,3X1,5H | 6,3 | 1,5 | PO12,5X2,5P | 12,5 | 2,5 | PO29,5X4,0P | 29,5 | 4   |
| PO6,3X2,5H | 6,3 | 2,5 | PO12,5X3H   | 12,5 | 3   | PO30X2,0P   | 30   | 2   |
| PO6,3X2,5P | 6,3 | 2,5 | PO12,5X3P   | 12,5 | 3   | PO30X2,5P   | 30   | 2,5 |
| PO8X1,5H   | 8   | 1,5 | PO15X1,5P   | 15   | 1,5 | PO30X3,0P   | 30   | 3   |
| PO8X1,5P   | 8   | 1,5 | PO15X2,0H   | 15   | 2   | PO30X4P     | 30   | 4   |
| PO8X2,0H   | 8   | 2   | PO15X2,0P   | 15   | 2   | PO35X2,5P   | 35   | 2,5 |
| PO8X2,0P   | 8   | 2   | PO15X2,5H   | 15   | 2,5 | PO40X2,5P   | 40   | 2,5 |
| PO8X2,5P   | 8   | 2,5 | PO15X2,5P   | 15   | 2,5 | PO40X3,0P   | 40   | 3   |
| PO8,0X4,0P | 8   | 4   | PO15X3,0P   | 15   | 3   | PO40X4P     | 40   | 4   |
| PO9,5X3,0H | 9,5 | 3   | PO15X4,0P   | 15   | 4   | PO49,8X2,0P | 49,8 | 2   |

# KKNAUHA

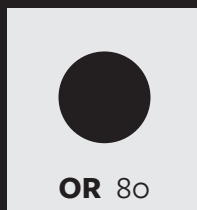


## OMINAISUUDET

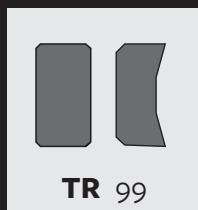
Materiaali Kovakudos  
 Nopeus 1,0 m/s  
 Lämpötila -40 – +130 °C

| Tuotekoodi      | H    | W   |
|-----------------|------|-----|
| KKNAUHA5,5X2,5  | 5,5  | 2,5 |
| KKNAUHA5,5X3    | 5,5  | 3   |
| KKNAUHA9,5X2,5  | 9,5  | 2,5 |
| KKNAUHA9,5X3    | 9,5  | 3   |
| KKNAUHA12,8X2,5 | 12,8 | 2,5 |
| KKNAUHA14,8X2,5 | 14,8 | 2,5 |
| KKNAUHA14,8X3   | 14,8 | 3   |
| KKNAUHA15X4     | 15   | 4   |
| KKNAUHA19,8X2,5 | 19,8 | 2,5 |
| KKNAUHA19,8X3   | 19,8 | 3   |
| KKNAUHA20X4     | 20   | 4   |
| KKNAUHA24,8X2,5 | 24,8 | 2,5 |
| KKNAUHA24,8X3   | 24,8 | 3   |
| KKNAUHA25X4     | 25   | 4   |
| KKNAUHA29,8X2,5 | 29,8 | 2,5 |
| KKNAUHA40X2,5   | 40   | 2,5 |

# O-renkaat ja tukirenkaat



**OR 80**



**TR 99**

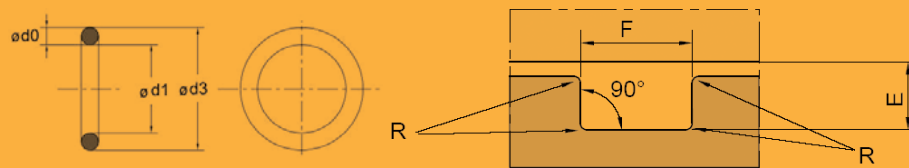
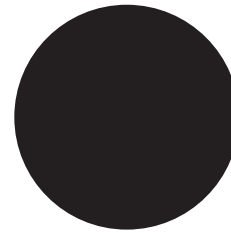


**TR8 101**



**ORNAUHA 103**

# OR



## OMINAISUUDET

|            |               |                |               |              |
|------------|---------------|----------------|---------------|--------------|
| Materiaali | NBR70         | NBR90 (-90)    | FKM (-V)      | EPDM (-E)    |
| Lämpötila  | -30 – +100 °C | -30 – +100 °C  | -20 – +200 °C | 50 – +150 °C |
| Materiaali | SIL (-S)      | PTFE (-PTFE)   | PU(-PU)       |              |
| Lämpötila  | -60 – +200 °C | -200 – +260 °C | -30 – +110 °C |              |

| Tuotekoodi        | d0   | d1   | OR1,00X008,00    | 1,00 | 8,00  | OR1,00X020,00    | 1,00 | 20,00  | OR1,20X001,80V   | 1,20 | 1,80   |
|-------------------|------|------|------------------|------|-------|------------------|------|--------|------------------|------|--------|
| OR1,00X001,15     | 1,00 | 1,15 | OR1,00X008,00-90 | 1,00 | 8,00  | OR1,00X020,00V   | 1,00 | 20,00  | OR1,20X002,50    | 1,20 | 2,50   |
| OR1,00X001,50     | 1,00 | 1,50 | OR1,00X008,00V   | 1,00 | 8,00  | OR1,00X022,00    | 1,00 | 22,00  | OR1,20X002,50V   | 1,20 | 2,50   |
| OR1,00X002,00     | 1,00 | 2,00 | OR1,00X008,50    | 1,00 | 8,50  | OR1,00X023,00    | 1,00 | 23,00  | OR1,20X003,00    | 1,20 | 3,00   |
| OR1,00X002,00E    | 1,00 | 2,00 | OR1,00X008,50V   | 1,00 | 8,50  | OR1,00X025,00    | 1,00 | 25,00  | OR1,20X003,50    | 1,20 | 3,50   |
| OR1,00X002,00V    | 1,00 | 2,00 | OR1,00X009,00    | 1,00 | 9,00  | OR1,00X026,00V   | 1,00 | 26,00  | OR1,20X003,50-90 | 1,20 | 3,50   |
| OR1,00X002,50     | 1,00 | 2,50 | OR1,00X010,00    | 1,00 | 10,00 | OR1,00X028,00-90 | 1,00 | 28,00  | OR1,20X003,50V   | 1,20 | 3,50   |
| OR1,00X003,00     | 1,00 | 3,00 | OR1,00X010,00V   | 1,00 | 10,00 | OR1,00X030,00-90 | 1,00 | 30,00  | OR1,20X004,00    | 1,20 | 4,00   |
| OR1,00X003,00E    | 1,00 | 3,00 | OR1,00X011,00    | 1,00 | 11,00 | OR1,00X030,00V   | 1,00 | 30,00  | OR1,20X005,00    | 1,20 | 5,00   |
| OR1,00X003,00V    | 1,00 | 3,00 | OR1,00X011,00-90 | 1,00 | 11,00 | OR1,00X034,00-90 | 1,00 | 34,00  | OR1,20X005,00V   | 1,20 | 5,00   |
| OR1,00X003,50     | 1,00 | 3,50 | OR1,00X012,00    | 1,00 | 12,00 | OR1,00X035,00    | 1,00 | 35,00  | OR1,20X005,82    | 1,20 | 5,82   |
| OR1,00X004,00     | 1,00 | 4,00 | OR1,00X012,00-90 | 1,00 | 12,00 | OR1,00X038,00V   | 1,00 | 38,00  | OR1,20X006,00    | 1,20 | 6,00   |
| OR1,00X004,00E    | 1,00 | 4,00 | OR1,00X013,00    | 1,00 | 13,00 | OR1,00X045,00    | 1,00 | 45,00  | OR1,20X006,00S   | 1,20 | 6,00   |
| OR1,00X004,00PTFE | 1,00 | 4,00 | OR1,00X013,00V   | 1,00 | 13,00 | OR1,00X046,00    | 1,00 | 46,00  | OR1,20X007,00V   | 1,20 | 7,00   |
| OR1,00X004,00V    | 1,00 | 4,00 | OR1,00X014,00    | 1,00 | 14,00 | OR1,00X047,00    | 1,00 | 47,00  | OR1,20X010,00    | 1,20 | 10,00  |
| OR1,00X004,50E    | 1,00 | 4,50 | OR1,00X014,00V   | 1,00 | 14,00 | OR1,00X049,00    | 1,00 | 49,00  | OR1,20X011,00    | 1,20 | 11,00  |
| OR1,00X004,50V    | 1,00 | 4,50 | OR1,00X015,00    | 1,00 | 15,00 | OR1,00X049,00V   | 1,00 | 49,00  | OR1,20X020,00    | 1,20 | 20,00  |
| OR1,00X005,00     | 1,00 | 5,00 | OR1,00X016,00V   | 1,00 | 16,00 | OR1,00X055,00V   | 1,00 | 55,00  | OR1,20X021,00    | 1,20 | 21,00  |
| OR1,00X005,00V    | 1,00 | 5,00 | OR1,00X017,00V   | 1,00 | 17,00 | OR1,00X058,00    | 1,00 | 58,00  | OR1,20X026,00    | 1,20 | 26,00  |
| OR1,00X006,00     | 1,00 | 6,00 | OR1,00X018,00    | 1,00 | 18,00 | OR1,00X076,00    | 1,00 | 76,00  | OR1,20X036,00    | 1,20 | 36,00  |
| OR1,00X006,00V    | 1,00 | 6,00 | OR1,00X018,50    | 1,00 | 18,50 | OR1,00X100,00    | 1,00 | 100,00 | OR1,20X150,00    | 1,20 | 150,00 |
| OR1,00X007,00     | 1,00 | 7,00 | OR1,00X019,00V   | 1,00 | 19,00 | OR1,00X134,00    | 1,00 | 134,00 | OR1,25X007,90    | 1,25 | 7,90   |

|                  |      |       |                  |      |        |                   |      |       |                  |      |       |
|------------------|------|-------|------------------|------|--------|-------------------|------|-------|------------------|------|-------|
| OR1,25X014,00    | 1,25 | 14,00 | OR1,50X018,00    | 1,50 | 18,00  | OR1,60X005,10-90  | 1,60 | 5,10  | OR1,60X029,10-90 | 1,60 | 29,10 |
| OR1,25X016,00    | 1,25 | 16,00 | OR1,50X018,00V   | 1,50 | 18,00  | OR1,60X005,10V    | 1,60 | 5,10  | OR1,60X029,10V   | 1,60 | 29,10 |
| OR1,27X006,07V   | 1,27 | 6,07  | OR1,50X019,50V   | 1,50 | 19,50  | OR1,60X006,10     | 1,60 | 6,10  | OR1,60X032,10    | 1,60 | 32,10 |
| OR1,30X009,00    | 1,30 | 9,00  | OR1,50X020,00    | 1,50 | 20,00  | OR1,60X006,10-90  | 1,60 | 6,10  | OR1,60X032,10-90 | 1,60 | 32,10 |
| OR1,30X010,00    | 1,30 | 10,00 | OR1,50X020,00V   | 1,50 | 20,00  | OR1,60X006,10V    | 1,60 | 6,10  | OR1,60X032,10V   | 1,60 | 32,10 |
| OR1,30X011,00    | 1,30 | 11,00 | OR1,50X021,00E   | 1,50 | 21,00  | OR1,60X007,10     | 1,60 | 7,10  | OR1,60X035,10    | 1,60 | 35,10 |
| OR1,50X001,40-90 | 1,50 | 1,40  | OR1,50X022,00    | 1,50 | 22,00  | OR1,60X007,10-90  | 1,60 | 7,10  | OR1,60X035,10V   | 1,60 | 35,10 |
| OR1,50X002,00V   | 1,50 | 2,00  | OR1,50X022,00-90 | 1,50 | 22,00  | OR1,60X008,10     | 1,60 | 8,10  | OR1,60X037,10    | 1,60 | 37,10 |
| OR1,50X002,50    | 1,50 | 2,50  | OR1,50X023,00    | 1,50 | 23,00  | OR1,60X008,10-90  | 1,60 | 8,10  | OR1,60X037,10-90 | 1,60 | 37,10 |
| OR1,50X003,00    | 1,50 | 3,00  | OR1,50X024,00    | 1,50 | 24,00  | OR1,60X008,10V    | 1,60 | 8,10  | OR1,60X042,00    | 1,60 | 42,00 |
| OR1,50X003,00V   | 1,50 | 3,00  | OR1,50X024,00V   | 1,50 | 24,00  | OR1,60X009,10     | 1,60 | 9,10  | OR1,60X043,00    | 1,60 | 43,00 |
| OR1,50X003,50    | 1,50 | 3,50  | OR1,50X025,00V   | 1,50 | 25,00  | OR1,60X009,10-90  | 1,60 | 9,10  | OR1,60X045,00    | 1,60 | 45,00 |
| OR1,50X003,80    | 1,50 | 3,80  | OR1,50X028,00    | 1,50 | 28,00  | OR1,60X009,10S    | 1,60 | 9,10  | OR1,60X055,00    | 1,60 | 55,00 |
| OR1,50X003,80V   | 1,50 | 3,80  | OR1,50X028,00V   | 1,50 | 28,00  | OR1,60X009,10V    | 1,60 | 9,10  | OR1,60X074,80    | 1,60 | 74,80 |
| OR1,50X004,00    | 1,50 | 4,00  | OR1,50X030,00    | 1,50 | 30,00  | OR1,60X010,10     | 1,60 | 10,10 | OR1,60X076,00    | 1,60 | 76,00 |
| OR1,50X004,00V   | 1,50 | 4,00  | OR1,50X030,00E   | 1,50 | 30,00  | OR1,60X010,10-90  | 1,60 | 10,10 | OR1,60X090,50    | 1,60 | 90,50 |
| OR1,50X004,50    | 1,50 | 4,50  | OR1,50X035,00    | 1,50 | 35,00  | OR1,60X010,10PTFE | 1,60 | 10,10 | OR1,63X006,07V90 | 1,63 | 6,07  |
| OR1,50X004,80V   | 1,50 | 4,80  | OR1,50X035,00V   | 1,50 | 35,00  | OR1,60X010,10V    | 1,60 | 10,10 | OR1,63X007,65-90 | 1,63 | 7,65  |
| OR1,50X005,00    | 1,50 | 5,00  | OR1,50X040,00    | 1,50 | 40,00  | OR1,60X011,10     | 1,60 | 11,10 | OR1,70X012,00    | 1,70 | 12,00 |
| OR1,50X005,00-90 | 1,50 | 5,00  | OR1,50X045,00    | 1,50 | 45,00  | OR1,60X011,10-90  | 1,60 | 11,10 | OR1,70X012,00V   | 1,70 | 12,00 |
| OR1,50X005,00V   | 1,50 | 5,00  | OR1,50X045,00-90 | 1,50 | 45,00  | OR1,60X011,10V    | 1,60 | 11,10 | OR1,75X006,00    | 1,75 | 6,00  |
| OR1,50X005,50    | 1,50 | 5,50  | OR1,50X050,00    | 1,50 | 50,00  | OR1,60X012,10     | 1,60 | 12,10 | OR1,75X025,00    | 1,75 | 25,00 |
| OR1,50X005,80V   | 1,50 | 5,80  | OR1,50X050,00V   | 1,50 | 50,00  | OR1,60X012,10-90  | 1,60 | 12,10 | OR1,78X013,30-   | 1,78 | 13,30 |
| OR1,50X006,00    | 1,50 | 6,00  | OR1,50X052,00    | 1,50 | 52,00  | OR1,60X012,10V    | 1,60 | 12,10 | OR1,78X001,02E   | 1,78 | 1,02  |
| OR1,50X006,00-90 | 1,50 | 6,00  | OR1,50X052,00V   | 1,50 | 52,00  | OR1,60X013,10     | 1,60 | 13,10 | OR1,78X001,78    | 1,78 | 1,78  |
| OR1,50X006,00E   | 1,50 | 6,00  | OR1,50X055,00    | 1,50 | 55,00  | OR1,60X013,10-90  | 1,60 | 13,10 | OR1,78X001,78V   | 1,78 | 1,78  |
| OR1,50X006,00V   | 1,50 | 6,00  | OR1,50X057,00    | 1,50 | 57,00  | OR1,60X013,10V    | 1,60 | 13,10 | OR1,78X002,57-90 | 1,78 | 2,57  |
| OR1,50X007,00    | 1,50 | 7,00  | OR1,50X058,00    | 1,50 | 58,00  | OR1,60X014,10     | 1,60 | 14,10 | OR1,78X002,90    | 1,78 | 2,90  |
| OR1,50X007,00-90 | 1,50 | 7,00  | OR1,50X059,00    | 1,50 | 59,00  | OR1,60X014,10-90  | 1,60 | 14,10 | OR1,78X002,90-90 | 1,78 | 2,90  |
| OR1,50X007,00V   | 1,50 | 7,00  | OR1,50X060,00    | 1,50 | 60,00  | OR1,60X014,10V    | 1,60 | 14,10 | OR1,78X002,90V   | 1,78 | 2,90  |
| OR1,50X007,50    | 1,50 | 7,50  | OR1,50X062,00    | 1,50 | 62,00  | OR1,60X015,10     | 1,60 | 15,10 | OR1,78X003,20    | 1,78 | 3,20  |
| OR1,50X007,50E   | 1,50 | 7,50  | OR1,50X062,00V   | 1,50 | 62,00  | OR1,60X015,10-90  | 1,60 | 15,10 | OR1,78X003,69    | 1,78 | 3,69  |
| OR1,50X008,00    | 1,50 | 8,00  | OR1,50X065,00V   | 1,50 | 65,00  | OR1,60X015,10S    | 1,60 | 15,10 | OR1,78X003,69-90 | 1,78 | 3,69  |
| OR1,50X008,00-90 | 1,50 | 8,00  | OR1,50X068,00    | 1,50 | 68,00  | OR1,60X015,10V    | 1,60 | 15,10 | OR1,78X003,69V   | 1,78 | 3,69  |
| OR1,50X008,00V   | 1,50 | 8,00  | OR1,50X070,00    | 1,50 | 70,00  | OR1,60X016,10     | 1,60 | 16,10 | OR1,78X004,47    | 1,78 | 4,47  |
| OR1,50X008,50    | 1,50 | 8,50  | OR1,50X076,00    | 1,50 | 76,00  | OR1,60X016,10-90  | 1,60 | 16,10 | OR1,78X004,47-90 | 1,78 | 4,47  |
| OR1,50X008,50V   | 1,50 | 8,50  | OR1,50X077,00V   | 1,50 | 77,00  | OR1,60X016,10E    | 1,60 | 16,10 | OR1,78X004,47E   | 1,78 | 4,47  |
| OR1,50X009,00    | 1,50 | 9,00  | OR1,50X080,00    | 1,50 | 80,00  | OR1,60X016,10PTFE | 1,60 | 16,10 | OR1,78X004,47S   | 1,78 | 4,47  |
| OR1,50X009,00-90 | 1,50 | 9,00  | OR1,50X080,00V   | 1,50 | 80,00  | OR1,60X016,10V    | 1,60 | 16,10 | OR1,78X004,47V   | 1,78 | 4,47  |
| OR1,50X009,00V   | 1,50 | 9,00  | OR1,50X081,50V   | 1,50 | 81,50  | OR1,60X017,10     | 1,60 | 17,10 | OR1,78X004,47V60 | 1,78 | 4,47  |
| OR1,50X009,80V   | 1,50 | 9,80  | OR1,50X083,00    | 1,50 | 83,00  | OR1,60X017,10-90  | 1,60 | 17,10 | OR1,78X004,76    | 1,78 | 4,76  |
| OR1,50X010,00    | 1,50 | 10,00 | OR1,50X083,00V   | 1,50 | 83,00  | OR1,60X017,10V    | 1,60 | 17,10 | OR1,78X004,76-90 | 1,78 | 4,76  |
| OR1,50X010,00-90 | 1,50 | 10,00 | OR1,50X098,00V   | 1,50 | 98,00  | OR1,60X018,10     | 1,60 | 18,10 | OR1,78X004,76E   | 1,78 | 4,76  |
| OR1,50X010,00S   | 1,50 | 10,00 | OR1,50X100,00    | 1,50 | 100,00 | OR1,60X018,10-90  | 1,60 | 18,10 | OR1,78X004,76V   | 1,78 | 4,76  |
| OR1,50X010,00V   | 1,50 | 10,00 | OR1,50X103,00    | 1,50 | 103,00 | OR1,60X018,10V    | 1,60 | 18,10 | OR1,78X005,28    | 1,78 | 5,28  |
| OR1,50X010,50    | 1,50 | 10,50 | OR1,52X1,42      | 1,52 | 1,42   | OR1,60X019,10     | 1,60 | 19,10 | OR1,78X005,28-90 | 1,78 | 5,28  |
| OR1,50X011,00    | 1,50 | 11,00 | OR1,60X001,60    | 1,60 | 1,60   | OR1,60X019,10-90  | 1,60 | 19,10 | OR1,78X005,28V   | 1,78 | 5,28  |
| OR1,50X011,00-90 | 1,50 | 11,00 | OR1,60X002,20    | 1,60 | 2,20   | OR1,60X019,10S    | 1,60 | 19,10 | OR1,78X005,28V90 | 1,78 | 5,28  |
| OR1,50X012,00    | 1,50 | 12,00 | OR1,60X002,20V   | 1,60 | 2,20   | OR1,60X019,10V    | 1,60 | 19,10 | OR1,78X006,07    | 1,78 | 6,07  |
| OR1,50X012,00-90 | 1,50 | 12,00 | OR1,60X002,50    | 1,60 | 2,50   | OR1,60X020,10     | 1,60 | 20,10 | OR1,78X006,07-90 | 1,78 | 6,07  |
| OR1,50X012,00E   | 1,50 | 12,00 | OR1,60X002,50V   | 1,60 | 2,50   | OR1,60X021,10     | 1,60 | 21,10 | OR1,78X006,07E   | 1,78 | 6,07  |
| OR1,50X012,00V   | 1,50 | 12,00 | OR1,60X002,75V   | 1,60 | 2,75   | OR1,60X022,10     | 1,60 | 22,10 | OR1,78X006,07S   | 1,78 | 6,07  |
| OR1,50X013,00-90 | 1,50 | 13,00 | OR1,60X002,80    | 1,60 | 2,80   | OR1,60X022,10-90  | 1,60 | 22,10 | OR1,78X006,07V   | 1,78 | 6,07  |
| OR1,50X014,00    | 1,50 | 14,00 | OR1,60X003,10    | 1,60 | 3,10   | OR1,60X022,10S    | 1,60 | 22,10 | OR1,78X006,07V90 | 1,78 | 6,07  |
| OR1,50X015,00    | 1,50 | 15,00 | OR1,60X003,10-90 | 1,60 | 3,10   | OR1,60X025,10     | 1,60 | 25,10 | OR1,78X006,35    | 1,78 | 6,35  |
| OR1,50X015,00V   | 1,50 | 15,00 | OR1,60X003,10V   | 1,60 | 3,10   | OR1,60X025,10-90  | 1,60 | 25,10 | OR1,78X006,35-90 | 1,78 | 6,35  |
| OR1,50X016,00    | 1,50 | 16,00 | OR1,60X004,10    | 1,60 | 4,10   | OR1,60X025,10V    | 1,60 | 25,10 | OR1,78X006,35V   | 1,78 | 6,35  |
| OR1,50X017,00    | 1,50 | 17,00 | OR1,60X004,10-90 | 1,60 | 4,10   | OR1,60X027,10     | 1,60 | 27,10 | OR1,78X006,75    | 1,78 | 6,75  |
| OR1,50X017,00-90 | 1,50 | 17,00 | OR1,60X004,10V   | 1,60 | 4,10   | OR1,60X027,10V    | 1,60 | 27,10 | OR1,78X006,75-90 | 1,78 | 6,75  |
| OR1,50X017,00V   | 1,50 | 17,00 | OR1,60X005,10    | 1,60 | 5,10   | OR1,60X029,10     | 1,60 | 29,10 | OR1,78X006,75E   | 1,78 | 6,75  |

|                   |      |       |                   |      |       |                  |      |        |                   |      |        |
|-------------------|------|-------|-------------------|------|-------|------------------|------|--------|-------------------|------|--------|
| OR1,78X006,75S    | 1,78 | 6,75  | OR1,78X018,77V90  | 1,78 | 18,77 | OR1,78X044,17-90 | 1,78 | 44,17  | OR1,78X120,40V    | 1,78 | 120,40 |
| OR1,78X006,75V    | 1,78 | 6,75  | OR1,78X020,35     | 1,78 | 20,35 | OR1,78X044,17E   | 1,78 | 44,17  | OR1,78X123,44     | 1,78 | 123,44 |
| OR1,78X007,65     | 1,78 | 7,65  | OR1,78X020,35-90  | 1,78 | 20,35 | OR1,78X044,17V   | 1,78 | 44,17  | OR1,78X123,44-90  | 1,78 | 123,44 |
| OR1,78X007,65-90  | 1,78 | 7,65  | OR1,78X020,35PTFE | 1,78 | 20,35 | OR1,78X045,84    | 1,78 | 45,84  | OR1,78X126,72     | 1,78 | 126,72 |
| OR1,78X007,65E    | 1,78 | 7,65  | OR1,78X020,35V    | 1,78 | 20,35 | OR1,78X047,27S   | 1,78 | 47,27  | OR1,78X126,72V    | 1,78 | 126,72 |
| OR1,78X007,65S    | 1,78 | 7,65  | OR1,78X020,35V90  | 1,78 | 20,35 | OR1,78X047,35-90 | 1,78 | 47,35  | OR1,78X129,40-90  | 1,78 | 129,40 |
| OR1,78X007,65V    | 1,78 | 7,65  | OR1,78X021,95     | 1,78 | 21,95 | OR1,78X047,35E   | 1,78 | 47,35  | OR1,78X133,07     | 1,78 | 133,07 |
| OR1,78X007,66V90  | 1,78 | 7,66  | OR1,78X021,95-90  | 1,78 | 21,95 | OR1,78X047,37    | 1,78 | 47,37  | OR1,78X142,11     | 1,78 | 142,11 |
| OR1,78X007,94     | 1,78 | 7,94  | OR1,78X021,95E    | 1,78 | 21,95 | OR1,78X047,37V   | 1,78 | 47,37  | OR1,78X145,29-90  | 1,78 | 145,29 |
| OR1,78X007,94-90  | 1,78 | 7,94  | OR1,78X021,95V    | 1,78 | 21,95 | OR1,78X050,52    | 1,78 | 50,52  | OR1,78X161,16     | 1,78 | 161,16 |
| OR1,78X007,94V    | 1,78 | 7,94  | OR1,78X021,95V70  | 1,78 | 21,95 | OR1,78X050,52-90 | 1,78 | 50,52  | OR1,78X170,69     | 1,78 | 170,69 |
| OR1,78X008,73     | 1,78 | 8,73  | OR1,78X021,95V90  | 1,78 | 21,95 | OR1,78X050,52S   | 1,78 | 50,52  | OR1,78X173,87     | 1,78 | 173,87 |
| OR1,78X008,73-90  | 1,78 | 8,73  | OR1,78X023,52     | 1,78 | 23,52 | OR1,78X050,52V   | 1,78 | 50,52  | OR1,78X196,34     | 1,78 | 196,34 |
| OR1,78X008,73V    | 1,78 | 8,73  | OR1,78X023,52-90  | 1,78 | 23,52 | OR1,78X052,50-90 | 1,78 | 52,50  | OR1,78X200,00     | 1,78 | 200,00 |
| OR1,78X009,25     | 1,78 | 9,25  | OR1,78X023,52E    | 1,78 | 23,52 | OR1,78X053,70    | 1,78 | 53,70  | OR1,80X002,20     | 1,80 | 2,20   |
| OR1,78X009,25-90  | 1,78 | 9,25  | OR1,78X023,52V    | 1,78 | 23,52 | OR1,78X053,70-90 | 1,78 | 53,70  | OR1,80X005,60     | 1,80 | 5,60   |
| OR1,78X009,25E    | 1,78 | 9,25  | OR1,78X025,12     | 1,78 | 25,12 | OR1,78X053,70V   | 1,78 | 53,70  | OR1,80X010,60V    | 1,80 | 10,60  |
| OR1,78X009,25S    | 1,78 | 9,25  | OR1,78X025,12-90  | 1,78 | 25,12 | OR1,78X056,87    | 1,78 | 56,87  | OR1,80X024,50     | 1,80 | 24,50  |
| OR1,78X009,25V    | 1,78 | 9,25  | OR1,78X025,12PTFE | 1,78 | 25,12 | OR1,78X056,87-90 | 1,78 | 56,87  | OR1,83X008,92-90  | 1,83 | 8,92   |
| OR1,78X009,25V90  | 1,78 | 9,25  | OR1,78X025,12V    | 1,78 | 25,12 | OR1,78X056,87E   | 1,78 | 56,87  | OR1,83X008,92V    | 1,83 | 8,92   |
| OR1,78X009,75V    | 1,78 | 9,75  | OR1,78X026,70     | 1,78 | 26,70 | OR1,78X056,87V   | 1,78 | 56,87  | OR1,83X010,52-90  | 1,83 | 10,52  |
| OR1,78X010,82     | 1,78 | 10,82 | OR1,78X026,70-90  | 1,78 | 26,70 | OR1,78X060,04    | 1,78 | 60,04  | OR1,85X003,00V    | 1,85 | 3,00   |
| OR1,78X010,82-90  | 1,78 | 10,82 | OR1,78X026,70V    | 1,78 | 26,70 | OR1,78X060,04V   | 1,78 | 60,04  | OR1,90X003,40V    | 1,90 | 3,40   |
| OR1,78X010,82E    | 1,78 | 10,82 | OR1,78X028,30     | 1,78 | 28,30 | OR1,78X063,22    | 1,78 | 63,22  | OR1,90X004,80     | 1,90 | 4,80   |
| OR1,78X010,82PTFE | 1,78 | 10,82 | OR1,78X028,30-90  | 1,78 | 28,30 | OR1,78X063,22V   | 1,78 | 63,22  | OR1,90X004,90V    | 1,90 | 4,90   |
| OR1,78X010,82S    | 1,78 | 10,82 | OR1,78X028,30V    | 1,78 | 28,30 | OR1,78X066,40    | 1,78 | 66,40  | OR1,90X006,40     | 1,90 | 6,40   |
| OR1,78X010,82V    | 1,78 | 10,82 | OR1,78X028,30V70  | 1,78 | 28,30 | OR1,78X066,40V   | 1,78 | 66,40  | OR1,90X007,20V    | 1,90 | 7,20   |
| OR1,78X011,00V    | 1,78 | 11,00 | OR1,78X029,87     | 1,78 | 29,87 | OR1,78X069,57-90 | 1,78 | 69,57  | OR1,90X007,8-90   | 1,90 | 7,80   |
| OR1,78X011,11     | 1,78 | 11,11 | OR1,78X029,87-90  | 1,78 | 29,87 | OR1,78X069,57E   | 1,78 | 69,57  | OR1,90X007,80     | 1,90 | 7,80   |
| OR1,78X011,11-90  | 1,78 | 11,11 | OR1,78X029,87V    | 1,78 | 29,87 | OR1,78X069,58    | 1,78 | 69,58  | OR1,90X007,80V    | 1,90 | 7,80   |
| OR1,78X011,11E    | 1,78 | 11,11 | OR1,78X029,87V90  | 1,78 | 29,87 | OR1,78X069,58V   | 1,78 | 69,58  | OR1,90X009,80     | 1,90 | 9,80   |
| OR1,78X012,42     | 1,78 | 12,42 | OR1,78X031,47     | 1,78 | 31,47 | OR1,78X072,75    | 1,78 | 72,75  | OR2,00X002,00     | 2,00 | 2,00   |
| OR1,78X012,42-90  | 1,78 | 12,42 | OR1,78X031,47-90  | 1,78 | 31,47 | OR1,78X072,75-90 | 1,78 | 72,75  | OR2,00X002,00V    | 2,00 | 2,00   |
| OR1,78X012,42E    | 1,78 | 12,42 | OR1,78X031,47E    | 1,78 | 31,47 | OR1,78X072,75V   | 1,78 | 72,75  | OR2,00X002,50     | 2,00 | 2,50   |
| OR1,78X012,42V    | 1,78 | 12,42 | OR1,78X031,47PTFE | 1,78 | 31,47 | OR1,78X075,92    | 1,78 | 75,92  | OR2,00X003,00     | 2,00 | 3,00   |
| OR1,78X014,00     | 1,78 | 14,00 | OR1,78X031,47V    | 1,78 | 31,47 | OR1,78X075,92V   | 1,78 | 75,92  | OR2,00X003,00V    | 2,00 | 3,00   |
| OR1,78X014,00-90  | 1,78 | 14,00 | OR1,78X031,47V90  | 1,78 | 31,47 | OR1,78X079,00    | 1,78 | 79,00  | OR2,00X004,00     | 2,00 | 4,00   |
| OR1,78X014,00E    | 1,78 | 14,00 | OR1,78X033,05     | 1,78 | 33,05 | OR1,78X079,00V   | 1,78 | 79,00  | OR2,00X004,00-90  | 2,00 | 4,00   |
| OR1,78X014,00PTFE | 1,78 | 14,00 | OR1,78X033,05-90  | 1,78 | 33,05 | OR1,78X082,28    | 1,78 | 82,28  | OR2,00X004,00E    | 2,00 | 4,00   |
| OR1,78X014,00V    | 1,78 | 14,00 | OR1,78X033,05V    | 1,78 | 33,05 | OR1,78X082,28-90 | 1,78 | 82,28  | OR2,00X004,00PTFE | 2,00 | 4,00   |
| OR1,78X014,00V90  | 1,78 | 14,00 | OR1,78X034,65     | 1,78 | 34,65 | OR1,78X085,34V   | 1,78 | 85,34  | OR2,00X004,00PU   | 2,00 | 4,00   |
| OR1,78X014,43     | 1,78 | 14,43 | OR1,78X034,65-90  | 1,78 | 34,65 | OR1,78X088,62    | 1,78 | 88,62  | OR2,00X004,00S    | 2,00 | 4,00   |
| OR1,78X015,60     | 1,78 | 15,60 | OR1,78X034,65E    | 1,78 | 34,65 | OR1,78X088,62V   | 1,78 | 88,62  | OR2,00X004,00V    | 2,00 | 4,00   |
| OR1,78X015,60-90  | 1,78 | 15,60 | OR1,78X034,65V    | 1,78 | 34,65 | OR1,78X091,70    | 1,78 | 91,70  | OR2,00X005,00     | 2,00 | 5,00   |
| OR1,78X015,60E    | 1,78 | 15,60 | OR1,78X036,27     | 1,78 | 36,27 | OR1,78X091,70V   | 1,78 | 91,70  | OR2,00X005,00-90  | 2,00 | 5,00   |
| OR1,78X015,60PTFE | 1,78 | 15,60 | OR1,78X037,82     | 1,78 | 37,82 | OR1,78X094,97    | 1,78 | 94,97  | OR2,00X005,00E    | 2,00 | 5,00   |
| OR1,78X015,60V    | 1,78 | 15,60 | OR1,78X037,82-90  | 1,78 | 37,82 | OR1,78X094,97-90 | 1,78 | 94,97  | OR2,00X005,00PU   | 2,00 | 5,00   |
| OR1,78X015,60V90  | 1,78 | 15,60 | OR1,78X037,82E    | 1,78 | 37,82 | OR1,78X094,97V   | 1,78 | 94,97  | OR2,00X005,00V    | 2,00 | 5,00   |
| OR1,78X017,16     | 1,78 | 17,16 | OR1,78X037,82PTFE | 1,78 | 37,82 | OR1,78X098,05    | 1,78 | 98,05  | OR2,00X005,50E    | 2,00 | 5,50   |
| OR1,78X017,16-90  | 1,78 | 17,16 | OR1,78X037,82V    | 1,78 | 37,82 | OR1,78X098,05V   | 1,78 | 98,05  | OR2,00X005,50V    | 2,00 | 5,50   |
| OR1,78X017,16E    | 1,78 | 17,16 | OR1,78X039,45     | 1,78 | 39,45 | OR1,78X101,30    | 1,78 | 101,30 | OR2,00X006,00     | 2,00 | 6,00   |
| OR1,78X017,16V    | 1,78 | 17,16 | OR1,78X039,45E    | 1,78 | 39,45 | OR1,78X101,30-90 | 1,78 | 101,30 | OR2,00X006,00-90  | 2,00 | 6,00   |
| OR1,78X017,16V90  | 1,78 | 17,16 | OR1,78X039,45V    | 1,78 | 39,45 | OR1,78X101,30E   | 1,78 | 101,30 | OR2,00X006,00E    | 2,00 | 6,00   |
| OR1,78X017,17S    | 1,78 | 17,17 | OR1,78X041,00     | 1,78 | 41,00 | OR1,78X101,30V   | 1,78 | 101,30 | OR2,00X006,00V    | 2,00 | 6,00   |
| OR1,78X018,77     | 1,78 | 18,77 | OR1,78X041,00-90  | 1,78 | 41,00 | OR1,78X107,67    | 1,78 | 107,67 | OR2,00X006,00V90  | 2,00 | 6,00   |
| OR1,78X018,77-90  | 1,78 | 18,77 | OR1,78X041,00E    | 1,78 | 41,00 | OR1,78X107,67-90 | 1,78 | 107,67 | OR2,00X006,50E    | 2,00 | 6,50   |
| OR1,78X018,77E    | 1,78 | 18,77 | OR1,78X041,00PTFE | 1,78 | 41,00 | OR1,78X114,02    | 1,78 | 114,02 | OR2,00X007,00     | 2,00 | 7,00   |
| OR1,78X018,77EPDM | 1,78 | 18,77 | OR1,78X041,00S    | 1,78 | 41,00 | OR1,78X117,10V   | 1,78 | 117,10 | OR2,00X007,00V    | 2,00 | 7,00   |
| OR1,78X018,77PTFE | 1,78 | 18,77 | OR1,78X041,00V    | 1,78 | 41,00 | OR1,78X120,37    | 1,78 | 120,37 | OR2,00X007,50     | 2,00 | 7,50   |
| OR1,78X018,77V    | 1,78 | 18,77 | OR1,78X044,17     | 1,78 | 44,17 | OR1,78X120,37-90 | 1,78 | 120,37 | OR2,00X007,50-90  | 2,00 | 7,50   |

|                  |      |       |                   |      |       |                   |      |       |                  |      |        |
|------------------|------|-------|-------------------|------|-------|-------------------|------|-------|------------------|------|--------|
| OR2,00X008,00    | 2,00 | 8,00  | OR2,00X020,00S    | 2,00 | 20,00 | OR2,00X040,00     | 2,00 | 40,00 | OR2,00X070,00    | 2,00 | 70,00  |
| OR2,00X008,00-90 | 2,00 | 8,00  | OR2,00X020,00V    | 2,00 | 20,00 | OR2,00X040,00-90  | 2,00 | 40,00 | OR2,00X070,00-90 | 2,00 | 70,00  |
| OR2,00X008,00E   | 2,00 | 8,00  | OR2,00X020,00V-90 | 2,00 | 20,00 | OR2,00X040,00PTFE | 2,00 | 40,00 | OR2,00X070,00E   | 2,00 | 70,00  |
| OR2,00X008,00S   | 2,00 | 8,00  | OR2,00X020,00V90  | 2,00 | 20,00 | OR2,00X040,00V    | 2,00 | 40,00 | OR2,00X070,00V   | 2,00 | 70,00  |
| OR2,00X008,00V   | 2,00 | 8,00  | OR2,00X021,00     | 2,00 | 21,00 | OR2,00X041,00-90  | 2,00 | 41,00 | OR2,00X072,00E   | 2,00 | 72,00  |
| OR2,00X008,50    | 2,00 | 8,50  | OR2,00X021,00-90  | 2,00 | 21,00 | OR2,00X042,00     | 2,00 | 42,00 | OR2,00X073,00    | 2,00 | 73,00  |
| OR2,00X009,00    | 2,00 | 9,00  | OR2,00X021,00E    | 2,00 | 21,00 | OR2,00X042,00V    | 2,00 | 42,00 | OR2,00X073,00V   | 2,00 | 73,00  |
| OR2,00X009,00-90 | 2,00 | 9,00  | OR2,00X021,00V    | 2,00 | 21,00 | OR2,00X043,00     | 2,00 | 43,00 | OR2,00X074,00    | 2,00 | 74,00  |
| OR2,00X009,00V   | 2,00 | 9,00  | OR2,00X022,00     | 2,00 | 22,00 | OR2,00X043,00V    | 2,00 | 43,00 | OR2,00X075,00    | 2,00 | 75,00  |
| OR2,00X009,50    | 2,00 | 9,50  | OR2,00X022,00-90  | 2,00 | 22,00 | OR2,00X045,00     | 2,00 | 45,00 | OR2,00X076,00    | 2,00 | 76,00  |
| OR2,00X010,00    | 2,00 | 10,00 | OR2,00X022,00E    | 2,00 | 22,00 | OR2,00X045,00-90  | 2,00 | 45,00 | OR2,00X076,00V   | 2,00 | 76,00  |
| OR2,00X010,00-90 | 2,00 | 10,00 | OR2,00X022,00V    | 2,00 | 22,00 | OR2,00X045,00E    | 2,00 | 45,00 | OR2,00X078,00    | 2,00 | 78,00  |
| OR2,00X010,00E   | 2,00 | 10,00 | OR2,00X023,00     | 2,00 | 23,00 | OR2,00X045,00S    | 2,00 | 45,00 | OR2,00X078,00-90 | 2,00 | 78,00  |
| OR2,00X010,00S   | 2,00 | 10,00 | OR2,00X023,00-90  | 2,00 | 23,00 | OR2,00X045,00V    | 2,00 | 45,00 | OR2,00X080,00    | 2,00 | 80,00  |
| OR2,00X010,00V   | 2,00 | 10,00 | OR2,00X023,00V    | 2,00 | 23,00 | OR2,00X046,00     | 2,00 | 46,00 | OR2,00X080,00V   | 2,00 | 80,00  |
| OR2,00X010,00V90 | 2,00 | 10,00 | OR2,00X024,00     | 2,00 | 24,00 | OR2,00X046,00-90  | 2,00 | 46,00 | OR2,00X082,00    | 2,00 | 82,00  |
| OR2,00X011,00    | 2,00 | 11,00 | OR2,00X024,00-90  | 2,00 | 24,00 | OR2,00X046,00V    | 2,00 | 46,00 | OR2,00X082,00-90 | 2,00 | 82,00  |
| OR2,00X011,00-90 | 2,00 | 11,00 | OR2,00X024,00E    | 2,00 | 24,00 | OR2,00X047,00     | 2,00 | 47,00 | OR2,00X082,00V   | 2,00 | 82,00  |
| OR2,00X011,00S   | 2,00 | 11,00 | OR2,00X024,00V    | 2,00 | 24,00 | OR2,00X047,00-90  | 2,00 | 47,00 | OR2,00X083,00    | 2,00 | 83,00  |
| OR2,00X011,00V   | 2,00 | 11,00 | OR2,00X024,00V90  | 2,00 | 24,00 | OR2,00X047,00V    | 2,00 | 47,00 | OR2,00X083,00E   | 2,00 | 83,00  |
| OR2,00X012,00    | 2,00 | 12,00 | OR2,00X025,00     | 2,00 | 25,00 | OR2,00X048,00     | 2,00 | 48,00 | OR2,00X085,00    | 2,00 | 85,00  |
| OR2,00X012,00-90 | 2,00 | 12,00 | OR2,00X025,00-90  | 2,00 | 25,00 | OR2,00X048,00V    | 2,00 | 48,00 | OR2,00X085,00E   | 2,00 | 85,00  |
| OR2,00X012,00E   | 2,00 | 12,00 | OR2,00X025,00V    | 2,00 | 25,00 | OR2,00X049,00     | 2,00 | 49,00 | OR2,00X085,00V   | 2,00 | 85,00  |
| OR2,00X012,00V   | 2,00 | 12,00 | OR2,00X026,00     | 2,00 | 26,00 | OR2,00X050,00     | 2,00 | 50,00 | OR2,00X086,00    | 2,00 | 86,00  |
| OR2,00X013,00    | 2,00 | 13,00 | OR2,00X026,00-90  | 2,00 | 26,00 | OR2,00X050,00-90  | 2,00 | 50,00 | OR2,00X088,00    | 2,00 | 88,00  |
| OR2,00X013,00-90 | 2,00 | 13,00 | OR2,00X026,00V    | 2,00 | 26,00 | OR2,00X050,00E    | 2,00 | 50,00 | OR2,00X088,00V   | 2,00 | 88,00  |
| OR2,00X013,00PU  | 2,00 | 13,00 | OR2,00X027,00     | 2,00 | 27,00 | OR2,00X050,00V    | 2,00 | 50,00 | OR2,00X090,00    | 2,00 | 90,00  |
| OR2,00X013,00V   | 2,00 | 13,00 | OR2,00X027,00-90  | 2,00 | 27,00 | OR2,00X051,00     | 2,00 | 51,00 | OR2,00X090,00-90 | 2,00 | 90,00  |
| OR2,00X014,00    | 2,00 | 14,00 | OR2,00X028,00     | 2,00 | 28,00 | OR2,00X052,00     | 2,00 | 52,00 | OR2,00X090,00V   | 2,00 | 90,00  |
| OR2,00X014,00-90 | 2,00 | 14,00 | OR2,00X028,00-90  | 2,00 | 28,00 | OR2,00X052,00V    | 2,00 | 52,00 | OR2,00X093,00V   | 2,00 | 93,00  |
| OR2,00X014,00PU  | 2,00 | 14,00 | OR2,00X028,00E    | 2,00 | 28,00 | OR2,00X053,00     | 2,00 | 53,00 | OR2,00X094,00V   | 2,00 | 94,00  |
| OR2,00X014,00V   | 2,00 | 14,00 | OR2,00X028,00V    | 2,00 | 28,00 | OR2,00X053,00V    | 2,00 | 53,00 | OR2,00X095,00V   | 2,00 | 95,00  |
| OR2,00X015,00    | 2,00 | 15,00 | OR2,00X029,00     | 2,00 | 29,00 | OR2,00X054,00     | 2,00 | 54,00 | OR2,00X096,00    | 2,00 | 96,00  |
| OR2,00X015,00-90 | 2,00 | 15,00 | OR2,00X029,00E    | 2,00 | 29,00 | OR2,00X054,00V    | 2,00 | 54,00 | OR2,00X096,00V   | 2,00 | 96,00  |
| OR2,00X015,00E   | 2,00 | 15,00 | OR2,00X030,00     | 2,00 | 30,00 | OR2,00X055,00     | 2,00 | 55,00 | OR2,00X097,00V   | 2,00 | 97,00  |
| OR2,00X015,00V   | 2,00 | 15,00 | OR2,00X030,00-90  | 2,00 | 30,00 | OR2,00X055,00-90  | 2,00 | 55,00 | OR2,00X098,00    | 2,00 | 98,00  |
| OR2,00X015,00V90 | 2,00 | 15,00 | OR2,00X030,00E    | 2,00 | 30,00 | OR2,00X055,00V    | 2,00 | 55,00 | OR2,00X100,00    | 2,00 | 100,00 |
| OR2,00X016,00    | 2,00 | 16,00 | OR2,00X030,00V    | 2,00 | 30,00 | OR2,00X056,00     | 2,00 | 56,00 | OR2,00X100,00V   | 2,00 | 100,00 |
| OR2,00X016,00-90 | 2,00 | 16,00 | OR2,00X031,00     | 2,00 | 31,00 | OR2,00X056,00V    | 2,00 | 56,00 | OR2,00X103,00    | 2,00 | 103,00 |
| OR2,00X016,00E   | 2,00 | 16,00 | OR2,00X032,00     | 2,00 | 32,00 | OR2,00X058,00     | 2,00 | 58,00 | OR2,00X105,00    | 2,00 | 105,00 |
| OR2,00X016,00V   | 2,00 | 16,00 | OR2,00X032,00-90  | 2,00 | 32,00 | OR2,00X059,00     | 2,00 | 59,00 | OR2,00X106,00    | 2,00 | 106,00 |
| OR2,00X016,50V   | 2,00 | 16,50 | OR2,00X032,00V    | 2,00 | 32,00 | OR2,00X060,00     | 2,00 | 60,00 | OR2,00X110,00    | 2,00 | 110,00 |
| OR2,00X017,00    | 2,00 | 17,00 | OR2,00X033,00     | 2,00 | 33,00 | OR2,00X060,00-90  | 2,00 | 60,00 | OR2,00X110,00S   | 2,00 | 110,00 |
| OR2,00X017,00-90 | 2,00 | 17,00 | OR2,00X033,00-90  | 2,00 | 33,00 | OR2,00X060,00V    | 2,00 | 60,00 | OR2,00X115,00    | 2,00 | 115,00 |
| OR2,00X017,00E   | 2,00 | 17,00 | OR2,00X034,00     | 2,00 | 34,00 | OR2,00X062,00     | 2,00 | 62,00 | OR2,00X120,00    | 2,00 | 120,00 |
| OR2,00X017,00V   | 2,00 | 17,00 | OR2,00X034,00V    | 2,00 | 34,00 | OR2,00X062,00-90  | 2,00 | 62,00 | OR2,00X120,00E   | 2,00 | 120,00 |
| OR2,00X017,00V90 | 2,00 | 17,00 | OR2,00X035,00     | 2,00 | 35,00 | OR2,00X062,00V    | 2,00 | 62,00 | OR2,00X120,00V   | 2,00 | 120,00 |
| OR2,00X017,50-90 | 2,00 | 17,50 | OR2,00X035,00-90  | 2,00 | 35,00 | OR2,00X063,00     | 2,00 | 63,00 | OR2,00X125,00    | 2,00 | 125,00 |
| OR2,00X017,50V   | 2,00 | 17,50 | OR2,00X035,00E    | 2,00 | 35,00 | OR2,00X063,00V    | 2,00 | 63,00 | OR2,00X125,00V90 | 2,00 | 125,00 |
| OR2,00X018,00    | 2,00 | 18,00 | OR2,00X035,00PU   | 2,00 | 35,00 | OR2,00X064,00     | 2,00 | 64,00 | OR2,00X128,00    | 2,00 | 128,00 |
| OR2,00X018,00-90 | 2,00 | 18,00 | OR2,00X035,00V    | 2,00 | 35,00 | OR2,00X064,00V    | 2,00 | 64,00 | OR2,00X130,00    | 2,00 | 130,00 |
| OR2,00X018,00E   | 2,00 | 18,00 | OR2,00X036,00     | 2,00 | 36,00 | OR2,00X065,00     | 2,00 | 65,00 | OR2,00X130,00V   | 2,00 | 130,00 |
| OR2,00X018,00V   | 2,00 | 18,00 | OR2,00X036,00-90  | 2,00 | 36,00 | OR2,00X065,00-90  | 2,00 | 65,00 | OR2,00X135,00    | 2,00 | 135,00 |
| OR2,00X019,00    | 2,00 | 19,00 | OR2,00X036,00V    | 2,00 | 36,00 | OR2,00X065,00V    | 2,00 | 65,00 | OR2,00X138,00V   | 2,00 | 138,00 |
| OR2,00X019,00-90 | 2,00 | 19,00 | OR2,00X037,00     | 2,00 | 37,00 | OR2,00X066,00     | 2,00 | 66,00 | OR2,00X140,00    | 2,00 | 140,00 |
| OR2,00X019,00E   | 2,00 | 19,00 | OR2,00X037,00-90  | 2,00 | 37,00 | OR2,00X067,00     | 2,00 | 67,00 | OR2,00X140,00S   | 2,00 | 140,00 |
| OR2,00X019,00V   | 2,00 | 19,00 | OR2,00X038,00     | 2,00 | 38,00 | OR2,00X067,00V    | 2,00 | 67,00 | OR2,00X142,00    | 2,00 | 142,00 |
| OR2,00X019,00V90 | 2,00 | 19,00 | OR2,00X038,00-90  | 2,00 | 38,00 | OR2,00X068,00     | 2,00 | 68,00 | OR2,00X145,00    | 2,00 | 145,00 |
| OR2,00X020,00    | 2,00 | 20,00 | OR2,00X039,00     | 2,00 | 39,00 | OR2,00X068,00S    | 2,00 | 68,00 | OR2,00X150,00    | 2,00 | 150,00 |
| OR2,00X020,00-90 | 2,00 | 20,00 | OR2,00X039,00-90  | 2,00 | 39,00 | OR2,00X068,00V    | 2,00 | 68,00 | OR2,00X150,00E   | 2,00 | 150,00 |

|                  |      |        |                   |      |       |                  |      |        |                  |      |       |
|------------------|------|--------|-------------------|------|-------|------------------|------|--------|------------------|------|-------|
| OR2,00X155,00    | 2,00 | 155,00 | OR2,40X011,30PTFE | 2,40 | 11,30 | OR2,40X030,30    | 2,40 | 30,30  | OR2,50X012,50    | 2,50 | 12,50 |
| OR2,00X156,00    | 2,00 | 156,00 | OR2,40X011,30V    | 2,40 | 11,30 | OR2,40X030,30-90 | 2,40 | 30,30  | OR2,50X013,00    | 2,50 | 13,00 |
| OR2,00X156,00V   | 2,00 | 156,00 | OR2,40X012,30     | 2,40 | 12,30 | OR2,40X030,30V   | 2,40 | 30,30  | OR2,50X013,00-90 | 2,50 | 13,00 |
| OR2,00X160,00    | 2,00 | 160,00 | OR2,40X012,30-90  | 2,40 | 12,30 | OR2,40X031,60    | 2,40 | 31,60  | OR2,50X013,00V   | 2,50 | 13,00 |
| OR2,00X160,00V   | 2,00 | 160,00 | OR2,40X012,30E    | 2,40 | 12,30 | OR2,40X031,60-90 | 2,40 | 31,60  | OR2,50X013,50    | 2,50 | 13,50 |
| OR2,00X164,00    | 2,00 | 164,00 | OR2,40X012,30PTFE | 2,40 | 12,30 | OR2,40X033,30    | 2,40 | 33,30  | OR2,50X014,00    | 2,50 | 14,00 |
| OR2,00X165,00S   | 2,00 | 165,00 | OR2,40X012,30S    | 2,40 | 12,30 | OR2,40X033,30-90 | 2,40 | 33,30  | OR2,50X014,00-90 | 2,50 | 14,00 |
| OR2,00X165,00V   | 2,00 | 165,00 | OR2,40X012,30V    | 2,40 | 12,30 | OR2,40X033,30V   | 2,40 | 33,30  | OR2,50X014,00V   | 2,50 | 14,00 |
| OR2,00X170,00    | 2,00 | 170,00 | OR2,40X013,30     | 2,40 | 13,30 | OR2,40X034,60    | 2,40 | 34,60  | OR2,50X014,50V   | 2,50 | 14,50 |
| OR2,00X170,00S   | 2,00 | 170,00 | OR2,40X013,30-90  | 2,40 | 13,30 | OR2,40X036,40V   | 2,40 | 36,40  | OR2,50X015,00    | 2,50 | 15,00 |
| OR2,00X178,00    | 2,00 | 178,00 | OR2,40X013,30S    | 2,40 | 13,30 | OR2,40X037,60    | 2,40 | 37,60  | OR2,50X015,00-90 | 2,50 | 15,00 |
| OR2,00X180,00    | 2,00 | 180,00 | OR2,40X013,30V    | 2,40 | 13,30 | OR2,40X039,60    | 2,40 | 39,60  | OR2,50X015,00E   | 2,50 | 15,00 |
| OR2,00X180,00V   | 2,00 | 180,00 | OR2,40X014,30     | 2,40 | 14,30 | OR2,40X039,60E   | 2,40 | 39,60  | OR2,50X015,00V   | 2,50 | 15,00 |
| OR2,00X200,00    | 2,00 | 200,00 | OR2,40X014,30-90  | 2,40 | 14,30 | OR2,40X039,60V   | 2,40 | 39,60  | OR2,50X016,00    | 2,50 | 16,00 |
| OR2,00X200,00V   | 2,00 | 200,00 | OR2,40X014,30E    | 2,40 | 14,30 | OR2,40X041,60    | 2,40 | 41,60  | OR2,50X016,00-90 | 2,50 | 16,00 |
| OR2,00X210,00    | 2,00 | 210,00 | OR2,40X015,30     | 2,40 | 15,30 | OR2,40X049,60    | 2,40 | 49,60  | OR2,50X016,00E   | 2,50 | 16,00 |
| OR2,00X220,00    | 2,00 | 220,00 | OR2,40X015,30-90  | 2,40 | 15,30 | OR2,40X049,60-90 | 2,40 | 49,60  | OR2,50X016,00S   | 2,50 | 16,00 |
| OR2,00X238,00V   | 2,00 | 238,00 | OR2,40X015,30E    | 2,40 | 15,30 | OR2,40X051,60    | 2,40 | 51,60  | OR2,50X017,00    | 2,50 | 17,00 |
| OR2,00X244,00    | 2,00 | 244,00 | OR2,40X015,30V    | 2,40 | 15,30 | OR2,40X051,60E   | 2,40 | 51,60  | OR2,50X017,00-90 | 2,50 | 17,00 |
| OR2,00X250,00    | 2,00 | 250,00 | OR2,40X016,30     | 2,40 | 16,30 | OR2,40X054,60    | 2,40 | 54,60  | OR2,50X017,00S   | 2,50 | 17,00 |
| OR2,00X390,00    | 2,00 | 390,00 | OR2,40X016,30-90  | 2,40 | 16,30 | OR2,40X056,60    | 2,40 | 56,60  | OR2,50X017,00V   | 2,50 | 17,00 |
| OR2,10X011,40V   | 2,10 | 11,40  | OR2,40X016,30E    | 2,40 | 16,30 | OR2,40X057,60    | 2,40 | 57,60  | OR2,50X018,00    | 2,50 | 18,00 |
| OR2,10X017,40V   | 2,10 | 17,40  | OR2,40X016,30V    | 2,40 | 16,30 | OR2,40X061,60V   | 2,40 | 61,60  | OR2,50X018,00-90 | 2,50 | 18,00 |
| OR2,20X010,00    | 2,20 | 10,00  | OR2,40X017,30     | 2,40 | 17,30 | OR2,40X064,60    | 2,40 | 64,60  | OR2,50X018,00V   | 2,50 | 18,00 |
| OR2,20X015,30-90 | 2,20 | 15,30  | OR2,40X017,30-90  | 2,40 | 17,30 | OR2,40X064,60V   | 2,40 | 64,60  | OR2,50X019,00    | 2,50 | 19,00 |
| OR2,20X016,36    | 2,20 | 16,36  | OR2,40X017,30E    | 2,40 | 17,30 | OR2,40X067,60    | 2,40 | 67,60  | OR2,50X019,00-90 | 2,50 | 19,00 |
| OR2,20X016,36-90 | 2,20 | 16,36  | OR2,40X017,30V    | 2,40 | 17,30 | OR2,40X069,60    | 2,40 | 69,60  | OR2,50X019,00V   | 2,50 | 19,00 |
| OR2,20X018,00    | 2,20 | 18,00  | OR2,40X018,30     | 2,40 | 18,30 | OR2,40X069,60E   | 2,40 | 69,60  | OR2,50X020,00    | 2,50 | 20,00 |
| OR2,21X016,36E   | 2,21 | 16,36  | OR2,40X018,30-90  | 2,40 | 18,30 | OR2,40X069,60V   | 2,40 | 69,60  | OR2,50X020,00-90 | 2,50 | 20,00 |
| OR2,21X016,36S   | 2,21 | 16,36  | OR2,40X018,30V    | 2,40 | 18,30 | OR2,40X070,50V   | 2,40 | 70,50  | OR2,50X020,00E   | 2,50 | 20,00 |
| OR2,40X003,30    | 2,40 | 3,30   | OR2,40X019,30     | 2,40 | 19,30 | OR2,40X088,90V   | 2,40 | 88,90  | OR2,50X020,00V   | 2,50 | 20,00 |
| OR2,40X003,30-90 | 2,40 | 3,30   | OR2,40X019,30-90  | 2,40 | 19,30 | OR2,40X125,00V   | 2,40 | 125,00 | OR2,50X020,00V90 | 2,50 | 20,00 |
| OR2,40X003,30V   | 2,40 | 3,30   | OR2,40X019,30V    | 2,40 | 19,30 | OR2,46X019,18-90 | 2,46 | 19,18  | OR2,50X021,00    | 2,50 | 21,00 |
| OR2,40X004,30    | 2,40 | 4,30   | OR2,40X020,00     | 2,40 | 20,00 | OR2,46X019,18E   | 2,46 | 19,18  | OR2,50X021,00-90 | 2,50 | 21,00 |
| OR2,40X004,60V   | 2,40 | 4,60   | OR2,40X020,30     | 2,40 | 20,30 | OR2,46X019,18V   | 2,46 | 19,18  | OR2,50X021,00V   | 2,50 | 21,00 |
| OR2,40X005,30    | 2,40 | 5,30   | OR2,40X020,30-90  | 2,40 | 20,30 | OR2,50X003,00    | 2,50 | 3,00   | OR2,50X022,00    | 2,50 | 22,00 |
| OR2,40X005,30-90 | 2,40 | 5,30   | OR2,40X020,30E    | 2,40 | 20,30 | OR2,50X005,00    | 2,50 | 5,00   | OR2,50X022,00-90 | 2,50 | 22,00 |
| OR2,40X005,30S   | 2,40 | 5,30   | OR2,40X020,30V    | 2,40 | 20,30 | OR2,50X005,00V   | 2,50 | 5,00   | OR2,50X022,00E   | 2,50 | 22,00 |
| OR2,40X005,30V   | 2,40 | 5,30   | OR2,40X021,30     | 2,40 | 21,30 | OR2,50X006,00    | 2,50 | 6,00   | OR2,50X022,00V   | 2,50 | 22,00 |
| OR2,40X006,30    | 2,40 | 6,30   | OR2,40X021,30-90  | 2,40 | 21,30 | OR2,50X006,00-90 | 2,50 | 6,00   | OR2,50X023,00    | 2,50 | 23,00 |
| OR2,40X006,30-90 | 2,40 | 6,30   | OR2,40X021,30V    | 2,40 | 21,30 | OR2,50X006,00V   | 2,50 | 6,00   | OR2,50X023,00V   | 2,50 | 23,00 |
| OR2,40X006,30V   | 2,40 | 6,30   | OR2,40X022,30     | 2,40 | 22,30 | OR2,50X007,00    | 2,50 | 7,00   | OR2,50X024,00    | 2,50 | 24,00 |
| OR2,40X007,30    | 2,40 | 7,30   | OR2,40X022,30-90  | 2,40 | 22,30 | OR2,50X007,50V   | 2,50 | 7,50   | OR2,50X024,00-90 | 2,50 | 24,00 |
| OR2,40X007,30-90 | 2,40 | 7,30   | OR2,40X022,30E    | 2,40 | 22,30 | OR2,50X008,00    | 2,50 | 8,00   | OR2,50X024,00V   | 2,50 | 24,00 |
| OR2,40X007,30E   | 2,40 | 7,30   | OR2,40X022,30S    | 2,40 | 22,30 | OR2,50X008,00-90 | 2,50 | 8,00   | OR2,50X025,00    | 2,50 | 25,00 |
| OR2,40X007,30V   | 2,40 | 7,30   | OR2,40X022,30V    | 2,40 | 22,30 | OR2,50X008,00E   | 2,50 | 8,00   | OR2,50X025,00-90 | 2,50 | 25,00 |
| OR2,40X008,30    | 2,40 | 8,30   | OR2,40X023,30     | 2,40 | 23,30 | OR2,50X008,00V   | 2,50 | 8,00   | OR2,50X025,00V   | 2,50 | 25,00 |
| OR2,40X008,30-90 | 2,40 | 8,30   | OR2,40X023,30-90  | 2,40 | 23,30 | OR2,50X009,00    | 2,50 | 9,00   | OR2,50X026,00    | 2,50 | 26,00 |
| OR2,40X008,30V   | 2,40 | 8,30   | OR2,40X023,30E    | 2,40 | 23,30 | OR2,50X009,00E   | 2,50 | 9,00   | OR2,50X026,00-90 | 2,50 | 26,00 |
| OR2,40X009,30    | 2,40 | 9,30   | OR2,40X024,30     | 2,40 | 24,30 | OR2,50X009,50    | 2,50 | 9,50   | OR2,50X027,00-90 | 2,50 | 27,00 |
| OR2,40X009,30-90 | 2,40 | 9,30   | OR2,40X025,30     | 2,40 | 25,30 | OR2,50X010,00    | 2,50 | 10,00  | OR2,50X027,00V   | 2,50 | 27,00 |
| OR2,40X009,30V   | 2,40 | 9,30   | OR2,40X025,30-90  | 2,40 | 25,30 | OR2,50X010,00-90 | 2,50 | 10,00  | OR2,50X028,00    | 2,50 | 28,00 |
| OR2,40X010,30    | 2,40 | 10,30  | OR2,40X025,30V    | 2,40 | 25,30 | OR2,50X010,00V   | 2,50 | 10,00  | OR2,50X028,00-90 | 2,50 | 28,00 |
| OR2,40X010,30-90 | 2,40 | 10,30  | OR2,40X027,30     | 2,40 | 27,30 | OR2,50X010,50    | 2,50 | 10,50  | OR2,50X028,00V   | 2,50 | 28,00 |
| OR2,40X010,30E   | 2,40 | 10,30  | OR2,40X027,30-90  | 2,40 | 27,30 | OR2,50X011,00    | 2,50 | 11,00  | OR2,50X029,00    | 2,50 | 29,00 |
| OR2,40X010,30S   | 2,40 | 10,30  | OR2,40X027,30PTFE | 2,40 | 27,30 | OR2,50X011,00-90 | 2,50 | 11,00  | OR2,50X029,00V90 | 2,50 | 29,00 |
| OR2,40X010,30V   | 2,40 | 10,30  | OR2,40X027,30S    | 2,40 | 27,30 | OR2,50X011,00V   | 2,50 | 11,00  | OR2,50X030,00    | 2,50 | 30,00 |
| OR2,40X011,30    | 2,40 | 11,30  | OR2,40X027,30V    | 2,40 | 27,30 | OR2,50X012,00    | 2,50 | 12,00  | OR2,50X030,00-90 | 2,50 | 30,00 |
| OR2,40X011,30-90 | 2,40 | 11,30  | OR2,40X029,30     | 2,40 | 29,30 | OR2,50X012,00-90 | 2,50 | 12,00  | OR2,50X032,00    | 2,50 | 32,00 |
| OR2,40X011,30E   | 2,40 | 11,30  | OR2,40X029,30V    | 2,40 | 29,30 | OR2,50X012,00V   | 2,50 | 12,00  | OR2,50X032,00-90 | 2,50 | 32,00 |

|                  |      |       |                  |      |        |                  |      |       |                   |      |       |
|------------------|------|-------|------------------|------|--------|------------------|------|-------|-------------------|------|-------|
| OR2,50X032,00V   | 2,50 | 32,00 | OR2,50X087,00    | 2,50 | 87,00  | OR2,62X007,60-90 | 2,62 | 7,60  | OR2,62X018,72V90  | 2,62 | 18,72 |
| OR2,50X033,00-90 | 2,50 | 33,00 | OR2,50X089,00V   | 2,50 | 89,00  | OR2,62X007,60V   | 2,62 | 7,60  | OR2,62X019,05     | 2,62 | 19,05 |
| OR2,50X034,00    | 2,50 | 34,00 | OR2,50X090,00    | 2,50 | 90,00  | OR2,62X009,19    | 2,62 | 9,19  | OR2,62X019,05V    | 2,62 | 19,05 |
| OR2,50X034,00S   | 2,50 | 34,00 | OR2,50X090,00-90 | 2,50 | 90,00  | OR2,62X009,19-90 | 2,62 | 9,19  | OR2,62X020,29PTFE | 2,62 | 20,29 |
| OR2,50X035,00    | 2,50 | 35,00 | OR2,50X090,00V   | 2,50 | 90,00  | OR2,62X009,19E   | 2,62 | 9,19  | OR2,62X020,30     | 2,62 | 20,30 |
| OR2,50X035,00-90 | 2,50 | 35,00 | OR2,50X091,00    | 2,50 | 91,00  | OR2,62X009,19S   | 2,62 | 9,19  | OR2,62X020,30-90  | 2,62 | 20,30 |
| OR2,50X035,00V   | 2,50 | 35,00 | OR2,50X091,00V   | 2,50 | 91,00  | OR2,62X009,19V   | 2,62 | 9,19  | OR2,62X020,30V    | 2,62 | 20,30 |
| OR2,50X036,00-90 | 2,50 | 36,00 | OR2,50X094,00    | 2,50 | 94,00  | OR2,62X009,30V   | 2,62 | 9,30  | OR2,62X020,30V90  | 2,62 | 20,30 |
| OR2,50X036,00V   | 2,50 | 36,00 | OR2,50X094,00V   | 2,50 | 94,00  | OR2,62X009,92    | 2,62 | 9,92  | OR2,62X020,64     | 2,62 | 20,64 |
| OR2,50X037,00    | 2,50 | 37,00 | OR2,50X095,00    | 2,50 | 95,00  | OR2,62X009,92-90 | 2,62 | 9,92  | OR2,62X020,64-90  | 2,62 | 20,64 |
| OR2,50X037,00-90 | 2,50 | 37,00 | OR2,50X095,00V   | 2,50 | 95,00  | OR2,62X009,92E   | 2,62 | 9,92  | OR2,62X020,64V    | 2,62 | 20,64 |
| OR2,50X037,00V   | 2,50 | 37,00 | OR2,50X098,00V   | 2,50 | 98,00  | OR2,62X009,92V   | 2,62 | 9,92  | OR2,62X021,90     | 2,62 | 21,90 |
| OR2,50X038,00    | 2,50 | 38,00 | OR2,50X100,00    | 2,50 | 100,00 | OR2,62X010,77S   | 2,62 | 10,77 | OR2,62X021,90-90  | 2,62 | 21,90 |
| OR2,50X038,00-90 | 2,50 | 38,00 | OR2,50X105,00    | 2,50 | 105,00 | OR2,62X010,78    | 2,62 | 10,78 | OR2,62X021,90V    | 2,62 | 21,90 |
| OR2,50X038,00V   | 2,50 | 38,00 | OR2,50X105,00V   | 2,50 | 105,00 | OR2,62X010,78-90 | 2,62 | 10,78 | OR2,62X022,22     | 2,62 | 22,22 |
| OR2,50X039,00    | 2,50 | 39,00 | OR2,50X107,00    | 2,50 | 107,00 | OR2,62X010,78E   | 2,62 | 10,78 | OR2,62X022,22-90  | 2,62 | 22,22 |
| OR2,50X040,00    | 2,50 | 40,00 | OR2,50X110,00    | 2,50 | 110,00 | OR2,62X010,78V   | 2,62 | 10,78 | OR2,62X022,22V    | 2,62 | 22,22 |
| OR2,50X040,00-90 | 2,50 | 40,00 | OR2,50X112,00V   | 2,50 | 112,00 | OR2,62X011,91    | 2,62 | 11,91 | OR2,62X023,47     | 2,62 | 23,47 |
| OR2,50X040,00V   | 2,50 | 40,00 | OR2,50X115,00    | 2,50 | 115,00 | OR2,62X011,91-90 | 2,62 | 11,91 | OR2,62X023,47-90  | 2,62 | 23,47 |
| OR2,50X040,50V   | 2,50 | 40,50 | OR2,50X119,00V   | 2,50 | 119,00 | OR2,62X011,91V   | 2,62 | 11,91 | OR2,62X023,47V    | 2,62 | 23,47 |
| OR2,50X042,00    | 2,50 | 42,00 | OR2,50X120,00V   | 2,50 | 120,00 | OR2,62X012,37    | 2,62 | 12,37 | OR2,62X023,47V90  | 2,62 | 23,47 |
| OR2,50X042,00V   | 2,50 | 42,00 | OR2,50X125,00    | 2,50 | 125,00 | OR2,62X012,37-90 | 2,62 | 12,37 | OR2,62X023,81     | 2,62 | 23,81 |
| OR2,50X043,00    | 2,50 | 43,00 | OR2,50X125,00V   | 2,50 | 125,00 | OR2,62X012,37E   | 2,62 | 12,37 | OR2,62X023,81-90  | 2,62 | 23,81 |
| OR2,50X043,00-90 | 2,50 | 43,00 | OR2,50X130,00V   | 2,50 | 130,00 | OR2,62X012,37V   | 2,62 | 12,37 | OR2,62X023,81V    | 2,62 | 23,81 |
| OR2,50X045,00    | 2,50 | 45,00 | OR2,50X135,00    | 2,50 | 135,00 | OR2,62X013,10    | 2,62 | 13,10 | OR2,62X025,07     | 2,62 | 25,07 |
| OR2,50X045,00E   | 2,50 | 45,00 | OR2,50X135,00-90 | 2,50 | 135,00 | OR2,62X013,10-90 | 2,62 | 13,10 | OR2,62X025,07-90  | 2,62 | 25,07 |
| OR2,50X045,00V   | 2,50 | 45,00 | OR2,50X137,00V   | 2,50 | 137,00 | OR2,62X013,10E   | 2,62 | 13,10 | OR2,62X025,07E    | 2,62 | 25,07 |
| OR2,50X046,00-90 | 2,50 | 46,00 | OR2,50X139,00V   | 2,50 | 139,00 | OR2,62X013,10V   | 2,62 | 13,10 | OR2,62X025,07V    | 2,62 | 25,07 |
| OR2,50X047,00    | 2,50 | 47,00 | OR2,50X140,00    | 2,50 | 140,00 | OR2,62X013,95    | 2,62 | 13,95 | OR2,62X026,07     | 2,62 | 26,07 |
| OR2,50X048,00    | 2,50 | 48,00 | OR2,50X140,00V   | 2,50 | 140,00 | OR2,62X013,95-90 | 2,62 | 13,95 | OR2,62X026,07-90  | 2,62 | 26,07 |
| OR2,50X049,00-90 | 2,50 | 49,00 | OR2,50X142,00    | 2,50 | 142,00 | OR2,62X013,95S   | 2,62 | 13,95 | OR2,62X026,64     | 2,62 | 26,64 |
| OR2,50X050,00    | 2,50 | 50,00 | OR2,50X145,00    | 2,50 | 145,00 | OR2,62X013,95V   | 2,62 | 13,95 | OR2,62X026,64-90  | 2,62 | 26,64 |
| OR2,50X050,00E   | 2,50 | 50,00 | OR2,50X150,00    | 2,50 | 150,00 | OR2,62X014,29    | 2,62 | 14,29 | OR2,62X026,64V    | 2,62 | 26,64 |
| OR2,50X050,00V   | 2,50 | 50,00 | OR2,50X152,50    | 2,50 | 152,50 | OR2,62X015,08    | 2,62 | 15,08 | OR2,62X026,64V90  | 2,62 | 26,64 |
| OR2,50X052,00V   | 2,50 | 52,00 | OR2,50X152,50V   | 2,50 | 152,50 | OR2,62X015,08-90 | 2,62 | 15,08 | OR2,62X026,65PTFE | 2,62 | 26,65 |
| OR2,50X055,00    | 2,50 | 55,00 | OR2,50X156,00    | 2,50 | 156,00 | OR2,62X015,08S   | 2,62 | 15,08 | OR2,62X028,25     | 2,62 | 28,25 |
| OR2,50X055,00-90 | 2,50 | 55,00 | OR2,50X160,00    | 2,50 | 160,00 | OR2,62X015,54    | 2,62 | 15,54 | OR2,62X028,25-90  | 2,62 | 28,25 |
| OR2,50X055,00V   | 2,50 | 55,00 | OR2,50X165,00    | 2,50 | 165,00 | OR2,62X015,54-90 | 2,62 | 15,54 | OR2,62X028,25V    | 2,62 | 28,25 |
| OR2,50X057,00    | 2,50 | 57,00 | OR2,50X167,00    | 2,50 | 167,00 | OR2,62X015,54E   | 2,62 | 15,54 | OR2,62X028,25V90  | 2,62 | 28,25 |
| OR2,50X058,00V   | 2,50 | 58,00 | OR2,50X167,00V90 | 2,50 | 167,00 | OR2,62X015,54V   | 2,62 | 15,54 | OR2,62X029,82     | 2,62 | 29,82 |
| OR2,50X059,00    | 2,50 | 59,00 | OR2,50X170,00    | 2,50 | 170,00 | OR2,62X015,54V90 | 2,62 | 15,54 | OR2,62X029,82-90  | 2,62 | 29,82 |
| OR2,50X060,00    | 2,50 | 60,00 | OR2,50X185,00    | 2,50 | 185,00 | OR2,62X015,88    | 2,62 | 15,88 | OR2,62X029,82E    | 2,62 | 29,82 |
| OR2,50X060,00V   | 2,50 | 60,00 | OR2,50X195,00    | 2,50 | 195,00 | OR2,62X015,88-90 | 2,62 | 15,88 | OR2,62X029,82V    | 2,62 | 29,82 |
| OR2,50X062,00    | 2,50 | 62,00 | OR2,50X195,00V90 | 2,50 | 195,00 | OR2,62X015,88S   | 2,62 | 15,88 | OR2,62X031,42     | 2,62 | 31,42 |
| OR2,50X062,00V   | 2,50 | 62,00 | OR2,50X232,00    | 2,50 | 232,00 | OR2,62X015,88V   | 2,62 | 15,88 | OR2,62X031,42-90  | 2,62 | 31,42 |
| OR2,50X065,00    | 2,50 | 65,00 | OR2,50X270,00    | 2,50 | 270,00 | OR2,62X017,12    | 2,62 | 17,12 | OR2,62X031,42E    | 2,62 | 31,42 |
| OR2,50X067,00    | 2,50 | 67,00 | OR2,50X314,00    | 2,50 | 314,00 | OR2,62X017,12-90 | 2,62 | 17,12 | OR2,62X031,42S    | 2,62 | 31,42 |
| OR2,50X070,00    | 2,50 | 70,00 | OR2,50X328,00    | 2,50 | 328,00 | OR2,62X017,12E   | 2,62 | 17,12 | OR2,62X031,42V    | 2,62 | 31,42 |
| OR2,50X072,00    | 2,50 | 72,00 | OR2,50X344,00    | 2,50 | 344,00 | OR2,62X017,12S   | 2,62 | 17,12 | OR2,62X032,99E    | 2,62 | 32,99 |
| OR2,50X073,00V   | 2,50 | 73,00 | OR2,50X366,00    | 2,50 | 366,00 | OR2,62X017,12V   | 2,62 | 17,12 | OR2,62X032,99V    | 2,62 | 32,99 |
| OR2,50X074,00    | 2,50 | 74,00 | OR2,50X370,00    | 2,50 | 370,00 | OR2,62X017,13V90 | 2,62 | 17,13 | OR2,62X033,00     | 2,62 | 33,00 |
| OR2,50X075,00    | 2,50 | 75,00 | OR2,62X003,63    | 2,62 | 3,63   | OR2,62X017,86    | 2,62 | 17,86 | OR2,62X033,00-90  | 2,62 | 33,00 |
| OR2,50X075,00-90 | 2,50 | 75,00 | OR2,62X004,42    | 2,62 | 4,42   | OR2,62X017,86-90 | 2,62 | 17,86 | OR2,62X033,00PTFE | 2,62 | 33,00 |
| OR2,50X075,00V   | 2,50 | 75,00 | OR2,62X004,42-90 | 2,62 | 4,42   | OR2,62X017,86E   | 2,62 | 17,86 | OR2,62X033,00S    | 2,62 | 33,00 |
| OR2,50X076,00    | 2,50 | 76,00 | OR2,62X004,42V   | 2,62 | 4,42   | OR2,62X017,86PU  | 2,62 | 17,86 | OR2,62X034,59     | 2,62 | 34,59 |
| OR2,50X078,00    | 2,50 | 78,00 | OR2,62X005,23    | 2,62 | 5,23   | OR2,62X017,86V   | 2,62 | 17,86 | OR2,62X034,59-90  | 2,62 | 34,59 |
| OR2,50X078,00V   | 2,50 | 78,00 | OR2,62X006,02    | 2,62 | 6,02   | OR2,62X018,72    | 2,62 | 18,72 | OR2,62X034,59E    | 2,62 | 34,59 |
| OR2,50X080,00    | 2,50 | 80,00 | OR2,62X006,02S   | 2,62 | 6,02   | OR2,62X018,72-90 | 2,62 | 18,72 | OR2,62X034,59V    | 2,62 | 34,59 |
| OR2,50X080,00V   | 2,50 | 80,00 | OR2,62X006,02V   | 2,62 | 6,02   | OR2,62X018,72E   | 2,62 | 18,72 | OR2,62X036,17     | 2,62 | 36,17 |
| OR2,50X085,00    | 2,50 | 85,00 | OR2,62X007,60    | 2,62 | 7,60   | OR2,62X018,72V   | 2,62 | 18,72 | OR2,62X036,17-90  | 2,62 | 36,17 |

|                   |      |       |                   |      |        |                  |      |        |                   |      |       |
|-------------------|------|-------|-------------------|------|--------|------------------|------|--------|-------------------|------|-------|
| OR2,62X036,17E    | 2,62 | 36,17 | OR2,62X061,60     | 2,62 | 61,60  | OR2,62X133,02    | 2,62 | 133,02 | OR3,00X007,00-90  | 3,00 | 7,00  |
| OR2,62X036,17PU   | 2,62 | 36,17 | OR2,62X061,60-90  | 2,62 | 61,60  | OR2,62X133,04V   | 2,62 | 133,04 | OR3,00X008,00     | 3,00 | 8,00  |
| OR2,62X036,17V    | 2,62 | 36,17 | OR2,62X061,60V    | 2,62 | 61,60  | OR2,62X139,38    | 2,62 | 139,38 | OR3,00X008,00-90  | 3,00 | 8,00  |
| OR2,62X037,77     | 2,62 | 37,77 | OR2,62X063,17     | 2,62 | 63,17  | OR2,62X139,38V   | 2,62 | 139,38 | OR3,00X008,00V    | 3,00 | 8,00  |
| OR2,62X037,77-90  | 2,62 | 37,77 | OR2,62X063,17-90  | 2,62 | 63,17  | OR2,62X145,72    | 2,62 | 145,72 | OR3,00X009,00     | 3,00 | 9,00  |
| OR2,62X037,77V    | 2,62 | 37,77 | OR2,62X063,17V    | 2,62 | 63,17  | OR2,62X145,72-90 | 2,62 | 145,72 | OR3,00X009,00-90  | 3,00 | 9,00  |
| OR2,62X039,34     | 2,62 | 39,34 | OR2,62X064,77     | 2,62 | 64,77  | OR2,62X145,72V   | 2,62 | 145,72 | OR3,00X009,00V    | 3,00 | 9,00  |
| OR2,62X039,34-90  | 2,62 | 39,34 | OR2,62X064,77-90  | 2,62 | 64,77  | OR2,62X152,07    | 2,62 | 152,07 | OR3,00X010,00     | 3,00 | 10,00 |
| OR2,62X039,34V    | 2,62 | 39,34 | OR2,62X064,77S    | 2,62 | 64,77  | OR2,62X152,07-90 | 2,62 | 152,07 | OR3,00X010,00-90  | 3,00 | 10,00 |
| OR2,62X040,95     | 2,62 | 40,95 | OR2,62X064,77V    | 2,62 | 64,77  | OR2,62X152,07V   | 2,62 | 152,07 | OR3,00X010,00V    | 3,00 | 10,00 |
| OR2,62X040,95-90  | 2,62 | 40,95 | OR2,62X066,35     | 2,62 | 66,35  | OR2,62X158,42    | 2,62 | 158,42 | OR3,00X011,00     | 3,00 | 11,00 |
| OR2,62X040,95E    | 2,62 | 40,95 | OR2,62X066,35-90  | 2,62 | 66,35  | OR2,62X158,42V   | 2,62 | 158,42 | OR3,00X011,00-90  | 3,00 | 11,00 |
| OR2,62X040,95S    | 2,62 | 40,95 | OR2,62X066,35V    | 2,62 | 66,35  | OR2,62X164,77S   | 2,62 | 164,77 | OR3,00X011,00V    | 3,00 | 11,00 |
| OR2,62X040,95V    | 2,62 | 40,95 | OR2,62X069,52     | 2,62 | 69,52  | OR2,62X164,78    | 2,62 | 164,78 | OR3,00X011,50     | 3,00 | 11,50 |
| OR2,62X042,52     | 2,62 | 42,52 | OR2,62X069,52-90  | 2,62 | 69,52  | OR2,62X164,78-90 | 2,62 | 164,78 | OR3,00X012,00     | 3,00 | 12,00 |
| OR2,62X042,52-90  | 2,62 | 42,52 | OR2,62X069,52E    | 2,62 | 69,52  | OR2,62X171,12V   | 2,62 | 171,12 | OR3,00X012,00-90  | 3,00 | 12,00 |
| OR2,62X042,52E    | 2,62 | 42,52 | OR2,62X071,12     | 2,62 | 71,12  | OR2,62X171,13    | 2,62 | 171,13 | OR3,00X012,00E    | 3,00 | 12,00 |
| OR2,62X042,52S    | 2,62 | 42,52 | OR2,62X071,12V    | 2,62 | 71,12  | OR2,62X177,47    | 2,62 | 177,47 | OR3,00X012,00V    | 3,00 | 12,00 |
| OR2,62X042,52V    | 2,62 | 42,52 | OR2,62X072,69     | 2,62 | 72,69  | OR2,62X183,82    | 2,62 | 183,82 | OR3,00X012,50V    | 3,00 | 12,50 |
| OR2,62X044,12     | 2,62 | 44,12 | OR2,62X072,69-90  | 2,62 | 72,69  | OR2,62X183,82V   | 2,62 | 183,82 | OR3,00X013,00     | 3,00 | 13,00 |
| OR2,62X044,12-90  | 2,62 | 44,12 | OR2,62X072,69V    | 2,62 | 72,69  | OR2,62X190,18    | 2,62 | 190,18 | OR3,00X013,00V    | 3,00 | 13,00 |
| OR2,62X044,12E    | 2,62 | 44,12 | OR2,62X074,14     | 2,62 | 74,14  | OR2,62X190,18-90 | 2,62 | 190,18 | OR3,00X014,00     | 3,00 | 14,00 |
| OR2,62X044,12V    | 2,62 | 44,12 | OR2,62X074,30-90  | 2,62 | 74,30  | OR2,62X196,52    | 2,62 | 196,52 | OR3,00X014,00-90  | 3,00 | 14,00 |
| OR2,62X044,45-90  | 2,62 | 44,45 | OR2,62X075,87     | 2,62 | 75,87  | OR2,62X196,52V   | 2,62 | 196,52 | OR3,00X014,00V    | 3,00 | 14,00 |
| OR2,62X045,69     | 2,62 | 45,69 | OR2,62X075,87-90  | 2,62 | 75,87  | OR2,62X202,87    | 2,62 | 202,87 | OR3,00X015,00     | 3,00 | 15,00 |
| OR2,62X045,69-90  | 2,62 | 45,69 | OR2,62X075,87V    | 2,62 | 75,87  | OR2,62X209,22    | 2,62 | 209,22 | OR3,00X015,00-90  | 3,00 | 15,00 |
| OR2,62X045,69PTFE | 2,62 | 45,69 | OR2,62X077,50-90  | 2,62 | 77,50  | OR2,62X209,22-90 | 2,62 | 209,22 | OR3,00X015,00V    | 3,00 | 15,00 |
| OR2,62X045,69V    | 2,62 | 45,69 | OR2,62X077,50V    | 2,62 | 77,50  | OR2,62X209,22V   | 2,62 | 209,22 | OR3,00X016,00     | 3,00 | 16,00 |
| OR2,62X047,29     | 2,62 | 47,29 | OR2,62X080,60     | 2,62 | 80,60  | OR2,62X209,23V90 | 2,62 | 209,23 | OR3,00X016,00-90  | 3,00 | 16,00 |
| OR2,62X047,29-90  | 2,62 | 47,29 | OR2,62X080,60-90  | 2,62 | 80,60  | OR2,62X215,58    | 2,62 | 215,58 | OR3,00X016,00S    | 3,00 | 16,00 |
| OR2,62X047,29V    | 2,62 | 47,29 | OR2,62X082,22     | 2,62 | 82,22  | OR2,62X221,92    | 2,62 | 221,92 | OR3,00X016,00V    | 3,00 | 16,00 |
| OR2,62X048,90     | 2,62 | 48,90 | OR2,62X082,22-90  | 2,62 | 82,22  | OR2,62X221,92V   | 2,62 | 221,92 | OR3,00X017,00     | 3,00 | 17,00 |
| OR2,62X048,90-90  | 2,62 | 48,90 | OR2,62X082,22PTFE | 2,62 | 82,22  | OR2,62X228,27    | 2,62 | 228,27 | OR3,00X017,00-90  | 3,00 | 17,00 |
| OR2,62X048,90PTFE | 2,62 | 48,90 | OR2,62X082,22V    | 2,62 | 82,22  | OR2,62X228,27V   | 2,62 | 228,27 | OR3,00X017,00V    | 3,00 | 17,00 |
| OR2,62X048,90V    | 2,62 | 48,90 | OR2,62X085,00-90  | 2,62 | 85,00  | OR2,62X228,28V90 | 2,62 | 228,28 | OR3,00X018,00     | 3,00 | 18,00 |
| OR2,62X050,47     | 2,62 | 50,47 | OR2,62X088,57     | 2,62 | 88,57  | OR2,62X234,63    | 2,62 | 234,63 | OR3,00X018,00-90  | 3,00 | 18,00 |
| OR2,62X050,47-90  | 2,62 | 50,47 | OR2,62X088,57V    | 2,62 | 88,57  | OR2,62X240,97V   | 2,62 | 240,97 | OR3,00X018,00V    | 3,00 | 18,00 |
| OR2,62X050,47V    | 2,62 | 50,47 | OR2,62X092,30     | 2,62 | 92,30  | OR2,62X247,32    | 2,62 | 247,32 | OR3,00X018,50V    | 3,00 | 18,50 |
| OR2,62X052,07     | 2,62 | 52,07 | OR2,62X094,92     | 2,62 | 94,92  | OR2,62X247,33V   | 2,62 | 247,33 | OR3,00X019,20     | 3,00 | 19,20 |
| OR2,62X052,07-90  | 2,62 | 52,07 | OR2,62X094,92-90  | 2,62 | 94,92  | OR2,62X323,00    | 2,62 | 323,00 | OR3,00X019,20-90  | 3,00 | 19,20 |
| OR2,62X052,07E    | 2,62 | 52,07 | OR2,62X094,92E    | 2,62 | 94,92  | OR2,65X026,50    | 2,65 | 26,50  | OR3,00X019,20E    | 3,00 | 19,20 |
| OR2,62X052,07V    | 2,62 | 52,07 | OR2,62X094,92V    | 2,62 | 94,92  | OR2,65X032,50    | 2,65 | 32,50  | OR3,00X019,20V    | 3,00 | 19,20 |
| OR2,62X053,64     | 2,62 | 53,64 | OR2,62X101,27     | 2,62 | 101,27 | OR2,65X125,00    | 2,65 | 125,00 | OR3,00X020,20     | 3,00 | 20,20 |
| OR2,62X053,64-90  | 2,62 | 53,64 | OR2,62X101,27-90  | 2,62 | 101,27 | OR2,65X323,00    | 2,65 | 323,00 | OR3,00X020,20-90  | 3,00 | 20,20 |
| OR2,62X053,64PTFE | 2,62 | 53,64 | OR2,62X101,27V    | 2,62 | 101,27 | OR2,70X008,90    | 2,70 | 8,90   | OR3,00X020,20E    | 3,00 | 20,20 |
| OR2,62X053,64V    | 2,62 | 53,64 | OR2,62X107,61     | 2,62 | 107,61 | OR2,70X008,90V   | 2,70 | 8,90   | OR3,00X020,20V    | 3,00 | 20,20 |
| OR2,62X054,50-90  | 2,62 | 54,50 | OR2,62X107,61-90  | 2,62 | 107,61 | OR2,70X016,90-90 | 2,70 | 16,90  | OR3,00X021,00     | 3,00 | 21,00 |
| OR2,62X055,25     | 2,62 | 55,25 | OR2,62X107,61V    | 2,62 | 107,61 | OR2,95X023,47-90 | 2,95 | 23,47  | OR3,00X021,00E    | 3,00 | 21,00 |
| OR2,62X055,25-90  | 2,62 | 55,25 | OR2,62X113,98     | 2,62 | 113,98 | OR2,95X023,47E   | 2,95 | 23,47  | OR3,00X021,20-90  | 3,00 | 21,20 |
| OR2,62X055,25V    | 2,62 | 55,25 | OR2,62X113,98-90  | 2,62 | 113,98 | OR2,95X029,74-90 | 2,95 | 29,74  | OR3,00X021,20V    | 3,00 | 21,20 |
| OR2,62X056,82     | 2,62 | 56,82 | OR2,62X113,98E    | 2,62 | 113,98 | OR2,95X029,74V   | 2,95 | 29,74  | OR3,00X022,20     | 3,00 | 22,20 |
| OR2,62X056,82-90  | 2,62 | 56,82 | OR2,62X113,98V    | 2,62 | 113,98 | OR3,00X3,00      | 3,00 | 3,00   | OR3,00X022,20-90  | 3,00 | 22,20 |
| OR2,62X056,82V    | 2,62 | 56,82 | OR2,62X120,33     | 2,62 | 120,33 | OR3,00X004,00    | 3,00 | 4,00   | OR3,00X022,20E    | 3,00 | 22,20 |
| OR2,62X056,82V90  | 2,62 | 56,82 | OR2,62X120,33-90  | 2,62 | 120,33 | OR3,00X004,00V   | 3,00 | 4,00   | OR3,00X022,20PTFE | 3,00 | 22,20 |
| OR2,62X058,42     | 2,62 | 58,42 | OR2,62X120,33V    | 2,62 | 120,33 | OR3,00X005,00    | 3,00 | 5,00   | OR3,00X022,20V    | 3,00 | 22,20 |
| OR2,62X058,42-90  | 2,62 | 58,42 | OR2,62X120,62     | 2,62 | 120,62 | OR3,00X005,00-90 | 3,00 | 5,00   | OR3,00X023,00     | 3,00 | 23,00 |
| OR2,62X058,42V    | 2,62 | 58,42 | OR2,62X123,19V    | 2,62 | 123,19 | OR3,00X005,00V   | 3,00 | 5,00   | OR3,00X023,00-90  | 3,00 | 23,00 |
| OR2,62X059,99     | 2,62 | 59,99 | OR2,62X126,67     | 2,62 | 126,67 | OR3,00X006,00    | 3,00 | 6,00   | OR3,00X023,00V    | 3,00 | 23,00 |
| OR2,62X059,99-90  | 2,62 | 59,99 | OR2,62X126,67-90  | 2,62 | 126,67 | OR3,00X006,00-90 | 3,00 | 6,00   | OR3,00X023,40V90  | 3,00 | 23,40 |
| OR2,62X059,99V    | 2,62 | 59,99 | OR2,62X126,67V    | 2,62 | 126,67 | OR3,00X007,00    | 3,00 | 7,00   | OR3,00X024,00V-90 | 3,00 | 24,00 |

|                   |      |       |                   |      |       |                   |      |       |                   |      |       |
|-------------------|------|-------|-------------------|------|-------|-------------------|------|-------|-------------------|------|-------|
| OR3,00X024,20     | 3,00 | 24,20 | OR3,00X037,20-90  | 3,00 | 37,20 | OR3,00X054,50S    | 3,00 | 54,50 | OR3,00X071,00-90  | 3,00 | 71,00 |
| OR3,00X024,20-90  | 3,00 | 24,20 | OR3,00X037,20V    | 3,00 | 37,20 | OR3,00X054,50V    | 3,00 | 54,50 | OR3,00X071,00V    | 3,00 | 71,00 |
| OR3,00X024,20E    | 3,00 | 24,20 | OR3,00X038,00     | 3,00 | 38,00 | OR3,00X055,20     | 3,00 | 55,20 | OR3,00X072,00     | 3,00 | 72,00 |
| OR3,00X024,20V    | 3,00 | 24,20 | OR3,00X038,00-90  | 3,00 | 38,00 | OR3,00X055,20-90  | 3,00 | 55,20 | OR3,00X072,00-90  | 3,00 | 72,00 |
| OR3,00X025,20     | 3,00 | 25,20 | OR3,00X038,00E    | 3,00 | 38,00 | OR3,00X055,20V    | 3,00 | 55,20 | OR3,00X072,00S    | 3,00 | 72,00 |
| OR3,00X025,20-90  | 3,00 | 25,20 | OR3,00X038,00S    | 3,00 | 38,00 | OR3,00X056,00     | 3,00 | 56,00 | OR3,00X072,00V    | 3,00 | 72,00 |
| OR3,00X025,20E    | 3,00 | 25,20 | OR3,00X038,00V    | 3,00 | 38,00 | OR3,00X056,00-90  | 3,00 | 56,00 | OR3,00X073,00     | 3,00 | 73,00 |
| OR3,00X025,20S    | 3,00 | 25,20 | OR3,00X039,20     | 3,00 | 39,20 | OR3,00X056,00E    | 3,00 | 56,00 | OR3,00X073,00-90  | 3,00 | 73,00 |
| OR3,00X025,20V    | 3,00 | 25,20 | OR3,00X039,20-90  | 3,00 | 39,20 | OR3,00X056,00S    | 3,00 | 56,00 | OR3,00X073,00V    | 3,00 | 73,00 |
| OR3,00X026,00     | 3,00 | 26,00 | OR3,00X039,20E    | 3,00 | 39,20 | OR3,00X056,00V    | 3,00 | 56,00 | OR3,00X074,00     | 3,00 | 74,00 |
| OR3,00X026,20     | 3,00 | 26,20 | OR3,00X039,20PTFE | 3,00 | 39,20 | OR3,00X056,20PTFE | 3,00 | 56,20 | OR3,00X074,50     | 3,00 | 74,50 |
| OR3,00X026,20-90  | 3,00 | 26,20 | OR3,00X039,20V    | 3,00 | 39,20 | OR3,00X057,00     | 3,00 | 57,00 | OR3,00X074,50-90  | 3,00 | 74,50 |
| OR3,00X026,20E    | 3,00 | 26,20 | OR3,00X040,00E    | 3,00 | 40,00 | OR3,00X057,00-90  | 3,00 | 57,00 | OR3,00X074,50E    | 3,00 | 74,50 |
| OR3,00X026,20PTFE | 3,00 | 26,20 | OR3,00X040,20     | 3,00 | 40,20 | OR3,00X057,00E    | 3,00 | 57,00 | OR3,00X074,50PTFE | 3,00 | 74,50 |
| OR3,00X026,20V    | 3,00 | 26,20 | OR3,00X040,20-90  | 3,00 | 40,20 | OR3,00X057,00V    | 3,00 | 57,00 | OR3,00X074,50S    | 3,00 | 74,50 |
| OR3,00X027,00     | 3,00 | 27,00 | OR3,00X040,20V    | 3,00 | 40,20 | OR3,00X058,00     | 3,00 | 58,00 | OR3,00X074,50V    | 3,00 | 74,50 |
| OR3,00X027,00-90  | 3,00 | 27,00 | OR3,00X041,20     | 3,00 | 41,20 | OR3,00X058,00-90  | 3,00 | 58,00 | OR3,00X076,00     | 3,00 | 76,00 |
| OR3,00X027,00E    | 3,00 | 27,00 | OR3,00X041,20-90  | 3,00 | 41,20 | OR3,00X058,00S    | 3,00 | 58,00 | OR3,00X076,00-90  | 3,00 | 76,00 |
| OR3,00X027,00V    | 3,00 | 27,00 | OR3,00X041,20E    | 3,00 | 41,20 | OR3,00X058,00V    | 3,00 | 58,00 | OR3,00X076,00S    | 3,00 | 76,00 |
| OR3,00X028,00     | 3,00 | 28,00 | OR3,00X041,20V    | 3,00 | 41,20 | OR3,00X059,50     | 3,00 | 59,50 | OR3,00X076,00V    | 3,00 | 76,00 |
| OR3,00X028,00-90  | 3,00 | 28,00 | OR3,00X042,00E    | 3,00 | 42,00 | OR3,00X059,50-90  | 3,00 | 59,50 | OR3,00X077,00     | 3,00 | 77,00 |
| OR3,00X028,00V    | 3,00 | 28,00 | OR3,00X042,20     | 3,00 | 42,20 | OR3,00X059,50E    | 3,00 | 59,50 | OR3,00X078,00     | 3,00 | 78,00 |
| OR3,00X029,00V-90 | 3,00 | 29,00 | OR3,00X042,20-90  | 3,00 | 42,20 | OR3,00X059,50S    | 3,00 | 59,50 | OR3,00X078,00-90  | 3,00 | 78,00 |
| OR3,00X029,20     | 3,00 | 29,20 | OR3,00X042,20V    | 3,00 | 42,20 | OR3,00X059,50V    | 3,00 | 59,50 | OR3,00X078,00V    | 3,00 | 78,00 |
| OR3,00X029,20-90  | 3,00 | 29,20 | OR3,00X043,00     | 3,00 | 43,00 | OR3,00X060,20     | 3,00 | 60,20 | OR3,00X079,50     | 3,00 | 79,50 |
| OR3,00X029,20E    | 3,00 | 29,20 | OR3,00X043,00-90  | 3,00 | 43,00 | OR3,00X060,20-90  | 3,00 | 60,20 | OR3,00X079,50-90  | 3,00 | 79,50 |
| OR3,00X029,20V    | 3,00 | 29,20 | OR3,00X043,00E    | 3,00 | 43,00 | OR3,00X060,20V    | 3,00 | 60,20 | OR3,00X079,50E    | 3,00 | 79,50 |
| OR3,00X030,00     | 3,00 | 30,00 | OR3,00X043,50V    | 3,00 | 43,50 | OR3,00X062,20     | 3,00 | 62,20 | OR3,00X079,50S    | 3,00 | 79,50 |
| OR3,00X030,00PTFE | 3,00 | 30,00 | OR3,00X044,20     | 3,00 | 44,20 | OR3,00X062,20-90  | 3,00 | 62,20 | OR3,00X079,50V    | 3,00 | 79,50 |
| OR3,00X030,20     | 3,00 | 30,20 | OR3,00X044,20-90  | 3,00 | 44,20 | OR3,00X062,20E    | 3,00 | 62,20 | OR3,00X080,00     | 3,00 | 80,00 |
| OR3,00X030,20-90  | 3,00 | 30,20 | OR3,00X044,20V    | 3,00 | 44,20 | OR3,00X062,20P    | 3,00 | 62,20 | OR3,00X082,00     | 3,00 | 82,00 |
| OR3,00X030,20P    | 3,00 | 30,20 | OR3,00X045,00     | 3,00 | 45,00 | OR3,00X062,20S    | 3,00 | 62,20 | OR3,00X082,00-90  | 3,00 | 82,00 |
| OR3,00X030,20S    | 3,00 | 30,20 | OR3,00X045,00S    | 3,00 | 45,00 | OR3,00X062,20V    | 3,00 | 62,20 | OR3,00X082,00V    | 3,00 | 82,00 |
| OR3,00X030,20V    | 3,00 | 30,20 | OR3,00X045,20-90  | 3,00 | 45,20 | OR3,00X063,00     | 3,00 | 63,00 | OR3,00X083,00     | 3,00 | 83,00 |
| OR3,00X031,20     | 3,00 | 31,20 | OR3,00X045,20V    | 3,00 | 45,20 | OR3,00X063,00-90  | 3,00 | 63,00 | OR3,00X083,00-90  | 3,00 | 83,00 |
| OR3,00X031,20-90  | 3,00 | 31,20 | OR3,00X046,00V    | 3,00 | 46,00 | OR3,00X063,00V    | 3,00 | 63,00 | OR3,00X084,50     | 3,00 | 84,50 |
| OR3,00X031,20V    | 3,00 | 31,20 | OR3,00X046,20     | 3,00 | 46,20 | OR3,00X064,00     | 3,00 | 64,00 | OR3,00X084,50-90  | 3,00 | 84,50 |
| OR3,00X032,20     | 3,00 | 32,20 | OR3,00X046,20-90  | 3,00 | 46,20 | OR3,00X064,00S    | 3,00 | 64,00 | OR3,00X084,50V    | 3,00 | 84,50 |
| OR3,00X032,20-90  | 3,00 | 32,20 | OR3,00X046,20E    | 3,00 | 46,20 | OR3,00X064,50     | 3,00 | 64,50 | OR3,00X085,00     | 3,00 | 85,00 |
| OR3,00X032,20E    | 3,00 | 32,20 | OR3,00X047,00     | 3,00 | 47,00 | OR3,00X064,50-90  | 3,00 | 64,50 | OR3,00X086,00     | 3,00 | 86,00 |
| OR3,00X032,20PTFE | 3,00 | 32,20 | OR3,00X047,00V    | 3,00 | 47,00 | OR3,00X064,50E    | 3,00 | 64,50 | OR3,00X086,00-90  | 3,00 | 86,00 |
| OR3,00X032,20S    | 3,00 | 32,20 | OR3,00X048,00     | 3,00 | 48,00 | OR3,00X064,50P    | 3,00 | 64,50 | OR3,00X086,00V    | 3,00 | 86,00 |
| OR3,00X032,20V    | 3,00 | 32,20 | OR3,00X048,00-90  | 3,00 | 48,00 | OR3,00X064,50V    | 3,00 | 64,50 | OR3,00X087,00     | 3,00 | 87,00 |
| OR3,00X033,00     | 3,00 | 33,00 | OR3,00X048,00V    | 3,00 | 48,00 | OR3,00X065,00     | 3,00 | 65,00 | OR3,00X087,00V    | 3,00 | 87,00 |
| OR3,00X033,00-90  | 3,00 | 33,00 | OR3,00X049,50     | 3,00 | 49,50 | OR3,00X066,00     | 3,00 | 66,00 | OR3,00X088,00     | 3,00 | 88,00 |
| OR3,00X034,20     | 3,00 | 34,20 | OR3,00X049,50-90  | 3,00 | 49,50 | OR3,00X067,00     | 3,00 | 67,00 | OR3,00X088,00-90  | 3,00 | 88,00 |
| OR3,00X034,20-90  | 3,00 | 34,20 | OR3,00X049,50E    | 3,00 | 49,50 | OR3,00X067,00-90  | 3,00 | 67,00 | OR3,00X088,00V    | 3,00 | 88,00 |
| OR3,00X034,20E    | 3,00 | 34,20 | OR3,00X049,50V    | 3,00 | 49,50 | OR3,00X067,00PTFE | 3,00 | 67,00 | OR3,00X089,50     | 3,00 | 89,50 |
| OR3,00X034,20S    | 3,00 | 34,20 | OR3,00X050,00E    | 3,00 | 50,00 | OR3,00X067,00V    | 3,00 | 67,00 | OR3,00X089,50-90  | 3,00 | 89,50 |
| OR3,00X034,20V    | 3,00 | 34,20 | OR3,00X050,00PTFE | 3,00 | 50,00 | OR3,00X068,00     | 3,00 | 68,00 | OR3,00X089,50PTFE | 3,00 | 89,50 |
| OR3,00X035,20     | 3,00 | 35,20 | OR3,00X050,20     | 3,00 | 50,20 | OR3,00X068,00-90  | 3,00 | 68,00 | OR3,00X089,50V    | 3,00 | 89,50 |
| OR3,00X035,20-90  | 3,00 | 35,20 | OR3,00X050,20-90  | 3,00 | 50,20 | OR3,00X068,00V    | 3,00 | 68,00 | OR3,00X091,00     | 3,00 | 91,00 |
| OR3,00X035,20PTFE | 3,00 | 35,20 | OR3,00X050,20V    | 3,00 | 50,20 | OR3,00X069,00     | 3,00 | 69,00 | OR3,00X091,00-90  | 3,00 | 91,00 |
| OR3,00X035,20S    | 3,00 | 35,20 | OR3,00X052,00     | 3,00 | 52,00 | OR3,00X069,00E    | 3,00 | 69,00 | OR3,00X091,00V    | 3,00 | 91,00 |
| OR3,00X035,20V    | 3,00 | 35,20 | OR3,00X052,00-90  | 3,00 | 52,00 | OR3,00X069,50     | 3,00 | 69,50 | OR3,00X092,00     | 3,00 | 92,00 |
| OR3,00X036,20     | 3,00 | 36,20 | OR3,00X052,00V    | 3,00 | 52,00 | OR3,00X069,50-90  | 3,00 | 69,50 | OR3,00X092,00E    | 3,00 | 92,00 |
| OR3,00X036,20-90  | 3,00 | 36,20 | OR3,00X054,00V    | 3,00 | 54,00 | OR3,00X069,50P    | 3,00 | 69,50 | OR3,00X093,00     | 3,00 | 93,00 |
| OR3,00X036,20E    | 3,00 | 36,20 | OR3,00X054,50     | 3,00 | 54,50 | OR3,00X069,50V    | 3,00 | 69,50 | OR3,00X094,00E    | 3,00 | 94,00 |
| OR3,00X036,20V    | 3,00 | 36,20 | OR3,00X054,50-90  | 3,00 | 54,50 | OR3,00X070,00S    | 3,00 | 70,00 | OR3,00X094,50     | 3,00 | 94,50 |
| OR3,00X037,20     | 3,00 | 37,20 | OR3,00X054,50E    | 3,00 | 54,50 | OR3,00X071,00     | 3,00 | 71,00 | OR3,00X094,50-90  | 3,00 | 94,50 |

|                   |      |        |                   |      |        |                  |      |        |                  |      |        |
|-------------------|------|--------|-------------------|------|--------|------------------|------|--------|------------------|------|--------|
| OR3,00X094,50E    | 3,00 | 94,50  | OR3,00X124,50E    | 3,00 | 124,50 | OR3,00X162,00    | 3,00 | 162,00 | OR3,00X230,00    | 3,00 | 230,00 |
| OR3,00X094,50V    | 3,00 | 94,50  | OR3,00X124,50PTFE | 3,00 | 124,50 | OR3,00X164,50    | 3,00 | 164,50 | OR3,00X233,00    | 3,00 | 233,00 |
| OR3,00X096,00     | 3,00 | 96,00  | OR3,00X124,50V    | 3,00 | 124,50 | OR3,00X164,50-90 | 3,00 | 164,50 | OR3,00X234,00    | 3,00 | 234,00 |
| OR3,00X096,00-90  | 3,00 | 96,00  | OR3,00X125,00     | 3,00 | 125,00 | OR3,00X164,50V   | 3,00 | 164,50 | OR3,00X235,00    | 3,00 | 235,00 |
| OR3,00X096,00V    | 3,00 | 96,00  | OR3,00X126,00     | 3,00 | 126,00 | OR3,00X165,00    | 3,00 | 165,00 | OR3,00X240,00    | 3,00 | 240,00 |
| OR3,00X098,00     | 3,00 | 98,00  | OR3,00X126,00V    | 3,00 | 126,00 | OR3,00X168,00    | 3,00 | 168,00 | OR3,00X240,00-90 | 3,00 | 240,00 |
| OR3,00X098,00-90  | 3,00 | 98,00  | OR3,00X126,50     | 3,00 | 126,50 | OR3,00X169,50    | 3,00 | 169,50 | OR3,00X240,00V   | 3,00 | 240,00 |
| OR3,00X098,00E    | 3,00 | 98,00  | OR3,00X127,00     | 3,00 | 127,00 | OR3,00X169,50-90 | 3,00 | 169,50 | OR3,00X241,00    | 3,00 | 241,00 |
| OR3,00X098,00V    | 3,00 | 98,00  | OR3,00X127,50V    | 3,00 | 127,50 | OR3,00X170,00-90 | 3,00 | 170,00 | OR3,00X245,00    | 3,00 | 245,00 |
| OR3,00X099,50     | 3,00 | 99,50  | OR3,00X128,00     | 3,00 | 128,00 | OR3,00X170,00E   | 3,00 | 170,00 | OR3,00X245,00V   | 3,00 | 245,00 |
| OR3,00X099,50-90  | 3,00 | 99,50  | OR3,00X129,50     | 3,00 | 129,50 | OR3,00X171,00    | 3,00 | 171,00 | OR3,00X248,00    | 3,00 | 248,00 |
| OR3,00X099,50E    | 3,00 | 99,50  | OR3,00X129,50-90  | 3,00 | 129,50 | OR3,00X172,00    | 3,00 | 172,00 | OR3,00X249,50    | 3,00 | 249,50 |
| OR3,00X099,50V    | 3,00 | 99,50  | OR3,00X129,50E    | 3,00 | 129,50 | OR3,00X172,00V   | 3,00 | 172,00 | OR3,00X249,50-90 | 3,00 | 249,50 |
| OR3,00X100,00S    | 3,00 | 100,00 | OR3,00X129,50V    | 3,00 | 129,50 | OR3,00X174,00V   | 3,00 | 174,00 | OR3,00X249,50V   | 3,00 | 249,50 |
| OR3,00X101,50-90  | 3,00 | 101,50 | OR3,00X130,00E    | 3,00 | 130,00 | OR3,00X174,50    | 3,00 | 174,50 | OR3,00X250,00    | 3,00 | 250,00 |
| OR3,00X102,00     | 3,00 | 102,00 | OR3,00X132,00     | 3,00 | 132,00 | OR3,00X174,50-90 | 3,00 | 174,50 | OR3,00X250,00V   | 3,00 | 250,00 |
| OR3,00X102,00-90  | 3,00 | 102,00 | OR3,00X132,00-90  | 3,00 | 132,00 | OR3,00X174,50V   | 3,00 | 174,50 | OR3,00X254,00    | 3,00 | 254,00 |
| OR3,00X102,00V    | 3,00 | 102,00 | OR3,00X134,00V    | 3,00 | 134,00 | OR3,00X175,00V   | 3,00 | 175,00 | OR3,00X260,00    | 3,00 | 260,00 |
| OR3,00X104,00S    | 3,00 | 104,00 | OR3,00X134,50     | 3,00 | 134,50 | OR3,00X178,00    | 3,00 | 178,00 | OR3,00X264,00    | 3,00 | 264,00 |
| OR3,00X104,50     | 3,00 | 104,50 | OR3,00X134,50-90  | 3,00 | 134,50 | OR3,00X178,00V   | 3,00 | 178,00 | OR3,00X268,00    | 3,00 | 268,00 |
| OR3,00X104,50-90  | 3,00 | 104,50 | OR3,00X134,50E    | 3,00 | 134,50 | OR3,00X179,00    | 3,00 | 179,00 | OR3,00X270,00    | 3,00 | 270,00 |
| OR3,00X104,50E    | 3,00 | 104,50 | OR3,00X134,50V    | 3,00 | 134,50 | OR3,00X179,50    | 3,00 | 179,50 | OR3,00X275,00    | 3,00 | 275,00 |
| OR3,00X104,50PTFE | 3,00 | 104,50 | OR3,00X137,00     | 3,00 | 137,00 | OR3,00X179,50-90 | 3,00 | 179,50 | OR3,00X280,00    | 3,00 | 280,00 |
| OR3,00X104,50V    | 3,00 | 104,50 | OR3,00X137,00-90  | 3,00 | 137,00 | OR3,00X179,50E   | 3,00 | 179,50 | OR3,00X280,00-90 | 3,00 | 280,00 |
| OR3,00X106,00     | 3,00 | 106,00 | OR3,00X138,00-90  | 3,00 | 138,00 | OR3,00X179,50V   | 3,00 | 179,50 | OR3,00X280,00V   | 3,00 | 280,00 |
| OR3,00X106,00-90  | 3,00 | 106,00 | OR3,00X139,50     | 3,00 | 139,50 | OR3,00X182,00    | 3,00 | 182,00 | OR3,00X281,00V   | 3,00 | 281,00 |
| OR3,00X106,00E    | 3,00 | 106,00 | OR3,00X139,50-90  | 3,00 | 139,50 | OR3,00X183,50    | 3,00 | 183,50 | OR3,00X285,00    | 3,00 | 285,00 |
| OR3,00X106,00V    | 3,00 | 106,00 | OR3,00X139,50E    | 3,00 | 139,50 | OR3,00X184,50    | 3,00 | 184,50 | OR3,00X285,00E   | 3,00 | 285,00 |
| OR3,00X108,00     | 3,00 | 108,00 | OR3,00X139,50PTFE | 3,00 | 139,50 | OR3,00X184,50E   | 3,00 | 184,50 | OR3,00X290,00    | 3,00 | 290,00 |
| OR3,00X108,00-90  | 3,00 | 108,00 | OR3,00X139,50V    | 3,00 | 139,50 | OR3,00X184,50V   | 3,00 | 184,50 | OR3,00X290,00V   | 3,00 | 290,00 |
| OR3,00X108,00V    | 3,00 | 108,00 | OR3,00X141,00     | 3,00 | 141,00 | OR3,00X186,00    | 3,00 | 186,00 | OR3,00X295,00    | 3,00 | 295,00 |
| OR3,00X109,50     | 3,00 | 109,50 | OR3,00X142,00     | 3,00 | 142,00 | OR3,00X189,50    | 3,00 | 189,50 | OR3,00X300,00    | 3,00 | 300,00 |
| OR3,00X109,50-90  | 3,00 | 109,50 | OR3,00X142,00V    | 3,00 | 142,00 | OR3,00X190,00    | 3,00 | 190,00 | OR3,00X300,00-90 | 3,00 | 300,00 |
| OR3,00X109,50V    | 3,00 | 109,50 | OR3,00X144,50     | 3,00 | 144,50 | OR3,00X190,00V   | 3,00 | 190,00 | OR3,00X300,00V   | 3,00 | 300,00 |
| OR3,00X112,00     | 3,00 | 112,00 | OR3,00X144,50-90  | 3,00 | 144,50 | OR3,00X192,00    | 3,00 | 192,00 | OR3,00X310,00    | 3,00 | 310,00 |
| OR3,00X112,00-90  | 3,00 | 112,00 | OR3,00X144,50S    | 3,00 | 144,50 | OR3,00X192,00E   | 3,00 | 192,00 | OR3,00X310,00-90 | 3,00 | 310,00 |
| OR3,00X112,00E    | 3,00 | 112,00 | OR3,00X144,50V    | 3,00 | 144,50 | OR3,00X192,00V   | 3,00 | 192,00 | OR3,00X315,00    | 3,00 | 315,00 |
| OR3,00X112,00V    | 3,00 | 112,00 | OR3,00X147,00     | 3,00 | 147,00 | OR3,00X194,50    | 3,00 | 194,50 | OR3,00X315,00V   | 3,00 | 315,00 |
| OR3,00X114,50     | 3,00 | 114,50 | OR3,00X147,00V    | 3,00 | 147,00 | OR3,00X194,50V   | 3,00 | 194,50 | OR3,00X320,00    | 3,00 | 320,00 |
| OR3,00X114,50-90  | 3,00 | 114,50 | OR3,00X148,00     | 3,00 | 148,00 | OR3,00X197,00V   | 3,00 | 197,00 | OR3,00X320,00-90 | 3,00 | 320,00 |
| OR3,00X114,50E    | 3,00 | 114,50 | OR3,00X148,00V    | 3,00 | 148,00 | OR3,00X199,50V   | 3,00 | 199,50 | OR3,00X323,00V   | 3,00 | 323,00 |
| OR3,00X114,50V    | 3,00 | 114,50 | OR3,00X149,00     | 3,00 | 149,00 | OR3,00X200,00    | 3,00 | 200,00 | OR3,00X325,00    | 3,00 | 325,00 |
| OR3,00X116,00     | 3,00 | 116,00 | OR3,00X149,50     | 3,00 | 149,50 | OR3,00X200,00V   | 3,00 | 200,00 | OR3,00X330,00    | 3,00 | 330,00 |
| OR3,00X116,00-90  | 3,00 | 116,00 | OR3,00X149,50-90  | 3,00 | 149,50 | OR3,00X203,00    | 3,00 | 203,00 | OR3,00X330,00V   | 3,00 | 330,00 |
| OR3,00X116,00V    | 3,00 | 116,00 | OR3,00X149,50V    | 3,00 | 149,50 | OR3,00X204,50    | 3,00 | 204,50 | OR3,00X335,00    | 3,00 | 335,00 |
| OR3,00X117,00     | 3,00 | 117,00 | OR3,00X150,00     | 3,00 | 150,00 | OR3,00X204,50-90 | 3,00 | 204,50 | OR3,00X340,00    | 3,00 | 340,00 |
| OR3,00X118,00     | 3,00 | 118,00 | OR3,00X154,50     | 3,00 | 154,50 | OR3,00X205,00-90 | 3,00 | 205,00 | OR3,00X345,00    | 3,00 | 345,00 |
| OR3,00X118,00E    | 3,00 | 118,00 | OR3,00X154,50-90  | 3,00 | 154,50 | OR3,00X206,00    | 3,00 | 206,00 | OR3,00X348,00V   | 3,00 | 348,00 |
| OR3,00X118,00V    | 3,00 | 118,00 | OR3,00X154,50V    | 3,00 | 154,50 | OR3,00X209,50    | 3,00 | 209,50 | OR3,00X350,00    | 3,00 | 350,00 |
| OR3,00X119,50     | 3,00 | 119,50 | OR3,00X157,00     | 3,00 | 157,00 | OR3,00X209,50-90 | 3,00 | 209,50 | OR3,00X350,00V   | 3,00 | 350,00 |
| OR3,00X119,50-90  | 3,00 | 119,50 | OR3,00X157,00V    | 3,00 | 157,00 | OR3,00X209,50V   | 3,00 | 209,50 | OR3,00X360,00-90 | 3,00 | 360,00 |
| OR3,00X119,50E    | 3,00 | 119,50 | OR3,00X158,00-90  | 3,00 | 158,00 | OR3,00X210,00    | 3,00 | 210,00 | OR3,00X370,00V   | 3,00 | 370,00 |
| OR3,00X119,50PTFE | 3,00 | 119,50 | OR3,00X158,00V    | 3,00 | 158,00 | OR3,00X210,00V   | 3,00 | 210,00 | OR3,00X375,00    | 3,00 | 375,00 |
| OR3,00X119,50V    | 3,00 | 119,50 | OR3,00X158,50V    | 3,00 | 158,50 | OR3,00X213,00    | 3,00 | 213,00 | OR3,00X385,00    | 3,00 | 385,00 |
| OR3,00X122,00     | 3,00 | 122,00 | OR3,00X159,50     | 3,00 | 159,50 | OR3,00X214,50    | 3,00 | 214,50 | OR3,00X399,00    | 3,00 | 399,00 |
| OR3,00X122,00-90  | 3,00 | 122,00 | OR3,00X159,50V    | 3,00 | 159,50 | OR3,00X215,00-90 | 3,00 | 215,00 | OR3,00X405,00    | 3,00 | 405,00 |
| OR3,00X122,00E    | 3,00 | 122,00 | OR3,00X160,00     | 3,00 | 160,00 | OR3,00X219,50    | 3,00 | 219,50 | OR3,00X418,00    | 3,00 | 418,00 |
| OR3,00X123,00     | 3,00 | 123,00 | OR3,00X160,00-90  | 3,00 | 160,00 | OR3,00X219,50V   | 3,00 | 219,50 | OR3,00X419,00    | 3,00 | 419,00 |
| OR3,00X124,50     | 3,00 | 124,50 | OR3,00X160,00E    | 3,00 | 160,00 | OR3,00X220,00-90 | 3,00 | 220,00 | OR3,00X475,00    | 3,00 | 475,00 |
| OR3,00X124,50-90  | 3,00 | 124,50 | OR3,00X160,00V    | 3,00 | 160,00 | OR3,00X224,00    | 3,00 | 224,00 | OR3,00X480,00V   | 3,00 | 480,00 |

|                   |      |        |                   |      |        |                   |      |       |                   |      |       |
|-------------------|------|--------|-------------------|------|--------|-------------------|------|-------|-------------------|------|-------|
| OR3,00X505,00     | 3,00 | 505,00 | OR3,50X260,00     | 3,50 | 260,00 | OR3,53X025,80     | 3,53 | 25,80 | OR3,53X044,04V    | 3,53 | 44,04 |
| OR3,00X528,00     | 3,00 | 528,00 | OR3,50X264,00     | 3,50 | 264,00 | OR3,53X025,80-90  | 3,53 | 25,80 | OR3,53X044,45     | 3,53 | 44,45 |
| OR3,00X529,00V    | 3,00 | 529,00 | OR3,50X270,00     | 3,50 | 270,00 | OR3,53X025,80V    | 3,53 | 25,80 | OR3,53X044,45-90  | 3,53 | 44,45 |
| OR3,00X619,00V    | 3,00 | 619,00 | OR3,50X273,00     | 3,50 | 273,00 | OR3,53X026,57     | 3,53 | 26,57 | OR3,53X044,45V    | 3,53 | 44,45 |
| OR3,00X635,00     | 3,00 | 635,00 | OR3,50X285,00     | 3,50 | 285,00 | OR3,53X026,57-90  | 3,53 | 26,57 | OR3,53X046,04     | 3,53 | 46,04 |
| OR3,00X644,00V    | 3,00 | 644,00 | OR3,50X285,00E    | 3,50 | 285,00 | OR3,53X026,57E    | 3,53 | 26,57 | OR3,53X046,04-90  | 3,53 | 46,04 |
| OR3,10X124,40V    | 3,10 | 124,40 | OR3,50X300,00     | 3,50 | 300,00 | OR3,53X026,58V    | 3,53 | 26,58 | OR3,53X046,04S    | 3,53 | 46,04 |
| OR3,15X020,00-90  | 3,15 | 20,00  | OR3,50X300,00E    | 3,50 | 300,00 | OR3,53X026,58V90  | 3,53 | 26,58 | OR3,53X046,04V    | 3,53 | 46,04 |
| OR3,15X033,50     | 3,15 | 33,50  | OR3,50X314,00     | 3,50 | 314,00 | OR3,53X028,17     | 3,53 | 28,17 | OR3,53X047,22     | 3,53 | 47,22 |
| OR3,20X015,00     | 3,20 | 15,00  | OR3,50X315,00     | 3,50 | 315,00 | OR3,53X028,17-90  | 3,53 | 28,17 | OR3,53X047,22-90  | 3,53 | 47,22 |
| OR3,20X035,00     | 3,20 | 35,00  | OR3,50X323,00     | 3,50 | 323,00 | OR3,53X028,17E    | 3,53 | 28,17 | OR3,53X047,22E    | 3,53 | 47,22 |
| OR3,20X038,10     | 3,20 | 38,10  | OR3,50X332,00     | 3,50 | 332,00 | OR3,53X028,17V    | 3,53 | 28,17 | OR3,53X047,22V    | 3,53 | 47,22 |
| OR3,20X047,60     | 3,20 | 47,60  | OR3,50X370,00     | 3,50 | 370,00 | OR3,53X029,75     | 3,53 | 29,75 | OR3,53X047,22V90  | 3,53 | 47,22 |
| OR3,20X047,60-90  | 3,20 | 47,60  | OR3,50X390,00     | 3,50 | 390,00 | OR3,53X029,75-90  | 3,53 | 29,75 | OR3,53X047,63     | 3,53 | 47,63 |
| OR3,20X050,10     | 3,20 | 50,10  | OR3,50X400,00     | 3,50 | 400,00 | OR3,53X029,75V    | 3,53 | 29,75 | OR3,53X049,21     | 3,53 | 49,21 |
| OR3,20X061,00     | 3,20 | 61,00  | OR3,50X409,00     | 3,50 | 409,00 | OR3,53X031,34     | 3,53 | 31,34 | OR3,53X049,21-90  | 3,53 | 49,21 |
| OR3,20X342,00     | 3,20 | 342,00 | OR3,50X416,00     | 3,50 | 416,00 | OR3,53X031,34-90  | 3,53 | 31,34 | OR3,53X049,21V    | 3,53 | 49,21 |
| OR3,30X010,00     | 3,30 | 10,00  | OR3,50X439,00     | 3,50 | 439,00 | OR3,53X031,34E    | 3,53 | 31,34 | OR3,53X050,40     | 3,53 | 50,40 |
| OR3,30X029,20     | 3,30 | 29,20  | OR3,50X450,00     | 3,50 | 450,00 | OR3,53X031,34V    | 3,53 | 31,34 | OR3,53X050,40-90  | 3,53 | 50,40 |
| OR3,50X008,00V    | 3,50 | 8,00   | OR3,50X680,00     | 3,50 | 680,00 | OR3,53X032,92     | 3,53 | 32,92 | OR3,53X050,40V    | 3,53 | 50,40 |
| OR3,50X009,50     | 3,50 | 9,50   | OR3,53X004,34V    | 3,53 | 4,34   | OR3,53X032,92-90  | 3,53 | 32,92 | OR3,53X050,80     | 3,53 | 50,80 |
| OR3,50X010,00     | 3,50 | 10,00  | OR3,53X005,94     | 3,53 | 5,94   | OR3,53X032,92S    | 3,53 | 32,92 | OR3,53X050,80-90  | 3,53 | 50,80 |
| OR3,50X011,00     | 3,50 | 11,00  | OR3,53X007,52     | 3,53 | 7,52   | OR3,53X032,92V    | 3,53 | 32,92 | OR3,53X050,80V    | 3,53 | 50,80 |
| OR3,50X014,00     | 3,50 | 14,00  | OR3,53X007,52V    | 3,53 | 7,52   | OR3,53X032,92V90  | 3,53 | 32,92 | OR3,53X052,39     | 3,53 | 52,39 |
| OR3,50X016,00     | 3,50 | 16,00  | OR3,53X010,69V    | 3,53 | 10,69  | OR3,53X033,30     | 3,53 | 33,30 | OR3,53X052,39-90  | 3,53 | 52,39 |
| OR3,50X018,00     | 3,50 | 18,00  | OR3,53X012,29     | 3,53 | 12,29  | OR3,53X034,52     | 3,53 | 34,52 | OR3,53X052,39PTFE | 3,53 | 52,39 |
| OR3,50X020,00V    | 3,50 | 20,00  | OR3,53X012,29V    | 3,53 | 12,29  | OR3,53X034,52-90  | 3,53 | 34,52 | OR3,53X052,39V    | 3,53 | 52,39 |
| OR3,50X021,00     | 3,50 | 21,00  | OR3,53X013,87     | 3,53 | 13,87  | OR3,53X034,52V    | 3,53 | 34,52 | OR3,53X053,57     | 3,53 | 53,57 |
| OR3,50X028,00V    | 3,50 | 28,00  | OR3,53X013,87-90  | 3,53 | 13,87  | OR3,53X036,09     | 3,53 | 36,09 | OR3,53X053,57-90  | 3,53 | 53,57 |
| OR3,50X030,00     | 3,50 | 30,00  | OR3,53X013,87E    | 3,53 | 13,87  | OR3,53X036,09-90  | 3,53 | 36,09 | OR3,53X053,57V    | 3,53 | 53,57 |
| OR3,50X032,00     | 3,50 | 32,00  | OR3,53X013,87S    | 3,53 | 13,87  | OR3,53X036,09S    | 3,53 | 36,09 | OR3,53X055,56     | 3,53 | 55,56 |
| OR3,50X032,00E    | 3,50 | 32,00  | OR3,53X013,87V    | 3,53 | 13,87  | OR3,53X036,09V    | 3,53 | 36,09 | OR3,53X055,56-90  | 3,53 | 55,56 |
| OR3,50X035,00     | 3,50 | 35,00  | OR3,53X015,47     | 3,53 | 15,47  | OR3,53X037,69     | 3,53 | 37,69 | OR3,53X055,56V    | 3,53 | 55,56 |
| OR3,50X045,00PTFE | 3,50 | 45,00  | OR3,53X015,47-90  | 3,53 | 15,47  | OR3,53X037,69-90  | 3,53 | 37,69 | OR3,53X056,74     | 3,53 | 56,74 |
| OR3,50X050,00     | 3,50 | 50,00  | OR3,53X015,47V    | 3,53 | 15,47  | OR3,53X037,69E    | 3,53 | 37,69 | OR3,53X056,74-90  | 3,53 | 56,74 |
| OR3,50X050,00E    | 3,50 | 50,00  | OR3,53X017,04     | 3,53 | 17,04  | OR3,53X037,69V    | 3,53 | 37,69 | OR3,53X056,74V    | 3,53 | 56,74 |
| OR3,50X055,00     | 3,50 | 55,00  | OR3,53X017,04-90  | 3,53 | 17,04  | OR3,53X037,69V90  | 3,53 | 37,69 | OR3,53X057,15     | 3,53 | 57,15 |
| OR3,50X070,00V    | 3,50 | 70,00  | OR3,53X017,04V    | 3,53 | 17,04  | OR3,53X039,70     | 3,53 | 39,70 | OR3,53X057,15-90  | 3,53 | 57,15 |
| OR3,50X078,00     | 3,50 | 78,00  | OR3,53X018,64     | 3,53 | 18,64  | OR3,53X039,70-90  | 3,53 | 39,70 | OR3,53X058,74     | 3,53 | 58,74 |
| OR3,50X086,70     | 3,50 | 86,70  | OR3,53X018,64-90  | 3,53 | 18,64  | OR3,53X039,70E    | 3,53 | 39,70 | OR3,53X058,74-90  | 3,53 | 58,74 |
| OR3,50X096,00     | 3,50 | 96,00  | OR3,53X018,64S    | 3,53 | 18,64  | OR3,53X039,70PTFE | 3,53 | 39,70 | OR3,53X058,74V    | 3,53 | 58,74 |
| OR3,50X106,00E    | 3,50 | 106,00 | OR3,53X018,64V    | 3,53 | 18,64  | OR3,53X039,70V    | 3,53 | 39,70 | OR3,53X059,92     | 3,53 | 59,92 |
| OR3,50X125,00     | 3,50 | 125,00 | OR3,53X020,22     | 3,53 | 20,22  | OR3,53X040,80E    | 3,53 | 40,80 | OR3,53X059,92-90  | 3,53 | 59,92 |
| OR3,50X125,00V    | 3,50 | 125,00 | OR3,53X020,22-90  | 3,53 | 20,22  | OR3,53X040,87     | 3,53 | 40,87 | OR3,53X059,92V    | 3,53 | 59,92 |
| OR3,50X132,50E    | 3,50 | 132,50 | OR3,53X020,22E    | 3,53 | 20,22  | OR3,53X040,87-90  | 3,53 | 40,87 | OR3,53X060,33     | 3,53 | 60,33 |
| OR3,50X140,00     | 3,50 | 140,00 | OR3,53X020,22PTFE | 3,53 | 20,22  | OR3,53X040,87S    | 3,53 | 40,87 | OR3,53X060,33-90  | 3,53 | 60,33 |
| OR3,50X147,00E    | 3,50 | 147,00 | OR3,53X020,22V    | 3,53 | 20,22  | OR3,53X040,87V    | 3,53 | 40,87 | OR3,53X060,33V    | 3,53 | 60,33 |
| OR3,50X150,00     | 3,50 | 150,00 | OR3,53X021,82     | 3,53 | 21,82  | OR3,53X041,28     | 3,53 | 41,28 | OR3,53X061,91     | 3,53 | 61,91 |
| OR3,50X154,00     | 3,50 | 154,00 | OR3,53X021,82-90  | 3,53 | 21,82  | OR3,53X041,28-90  | 3,53 | 41,28 | OR3,53X061,91-90  | 3,53 | 61,91 |
| OR3,50X155,00     | 3,50 | 155,00 | OR3,53X021,82E    | 3,53 | 21,82  | OR3,53X041,28S    | 3,53 | 41,28 | OR3,53X063,09     | 3,53 | 63,09 |
| OR3,50X155,00V    | 3,50 | 155,00 | OR3,53X021,82V    | 3,53 | 21,82  | OR3,53X041,28V    | 3,53 | 41,28 | OR3,53X063,09-90  | 3,53 | 63,09 |
| OR3,50X170,00     | 3,50 | 170,00 | OR3,53X023,40     | 3,53 | 23,40  | OR3,53X042,86     | 3,53 | 42,86 | OR3,53X063,09E    | 3,53 | 63,09 |
| OR3,50X170,00E    | 3,50 | 170,00 | OR3,53X023,40-90  | 3,53 | 23,40  | OR3,53X042,86-90  | 3,53 | 42,86 | OR3,53X063,09V    | 3,53 | 63,09 |
| OR3,50X175,00     | 3,50 | 175,00 | OR3,53X023,40S    | 3,53 | 23,40  | OR3,53X042,86E    | 3,53 | 42,86 | OR3,53X063,50     | 3,53 | 63,50 |
| OR3,50X175,00E    | 3,50 | 175,00 | OR3,53X023,40V    | 3,53 | 23,40  | OR3,53X042,86PTFE | 3,53 | 42,86 | OR3,53X063,50-90  | 3,53 | 63,50 |
| OR3,50X179,00E    | 3,50 | 179,00 | OR3,53X025,00     | 3,53 | 25,00  | OR3,53X042,86V    | 3,53 | 42,86 | OR3,53X063,50V    | 3,53 | 63,50 |
| OR3,50X195,00     | 3,50 | 195,00 | OR3,53X025,00-90  | 3,53 | 25,00  | OR3,53X044,04     | 3,53 | 44,04 | OR3,53X065,09     | 3,53 | 65,09 |
| OR3,50X220,00     | 3,50 | 220,00 | OR3,53X025,00E    | 3,53 | 25,00  | OR3,53X044,04-90  | 3,53 | 44,04 | OR3,53X065,09-90  | 3,53 | 65,09 |
| OR3,50X220,00E    | 3,50 | 220,00 | OR3,53X025,00V    | 3,53 | 25,00  | OR3,53X044,04E    | 3,53 | 44,04 | OR3,53X065,09V    | 3,53 | 65,09 |
| OR3,50X230,00     | 3,50 | 230,00 | OR3,53X025,00V90  | 3,53 | 25,00  | OR3,53X044,04PTFE | 3,53 | 44,04 | OR3,53X066,27     | 3,53 | 66,27 |

|                   |      |       |                   |      |        |                   |      |        |                   |      |        |
|-------------------|------|-------|-------------------|------|--------|-------------------|------|--------|-------------------|------|--------|
| OR3,53X066,27-90  | 3,53 | 66,27 | OR3,53X094,84E    | 3,53 | 94,84  | OR3,53X142,47     | 3,53 | 142,47 | OR3,53X234,54     | 3,53 | 234,54 |
| OR3,53X066,27E    | 3,53 | 66,27 | OR3,53X094,84V    | 3,53 | 94,84  | OR3,53X142,47-90  | 3,53 | 142,47 | OR3,53X234,54-90  | 3,53 | 234,54 |
| OR3,53X066,27V    | 3,53 | 66,27 | OR3,53X098,02     | 3,53 | 98,02  | OR3,53X142,47PTFE | 3,53 | 142,47 | OR3,53X234,55PTFE | 3,53 | 234,55 |
| OR3,53X066,67     | 3,53 | 66,67 | OR3,53X098,02-90  | 3,53 | 98,02  | OR3,53X142,47V    | 3,53 | 142,47 | OR3,53X240,89V    | 3,53 | 240,89 |
| OR3,53X066,67-90  | 3,53 | 66,67 | OR3,53X098,02V    | 3,53 | 98,02  | OR3,53X145,65     | 3,53 | 145,65 | OR3,53X240,90     | 3,53 | 240,90 |
| OR3,53X066,67V    | 3,53 | 66,67 | OR3,53X101,20     | 3,53 | 101,20 | OR3,53X145,65-90  | 3,53 | 145,65 | OR3,53X244,00     | 3,53 | 244,00 |
| OR3,53X068,26     | 3,53 | 68,26 | OR3,53X101,20-90  | 3,53 | 101,20 | OR3,53X145,65V    | 3,53 | 145,65 | OR3,53X247,24     | 3,53 | 247,24 |
| OR3,53X068,26-90  | 3,53 | 68,26 | OR3,53X101,20P    | 3,53 | 101,20 | OR3,53X148,80V    | 3,53 | 148,80 | OR3,53X247,24V    | 3,53 | 247,24 |
| OR3,53X068,26V    | 3,53 | 68,26 | OR3,53X101,20S    | 3,53 | 101,20 | OR3,53X148,82     | 3,53 | 148,82 | OR3,53X253,59     | 3,53 | 253,59 |
| OR3,53X069,44     | 3,53 | 69,44 | OR3,53X101,20V    | 3,53 | 101,20 | OR3,53X148,82-90  | 3,53 | 148,82 | OR3,53X253,59-90  | 3,53 | 253,59 |
| OR3,53X069,44-90  | 3,53 | 69,44 | OR3,53X104,37     | 3,53 | 104,37 | OR3,53X151,99     | 3,53 | 151,99 | OR3,53X253,59V    | 3,53 | 253,59 |
| OR3,53X069,44E    | 3,53 | 69,44 | OR3,53X104,37-90  | 3,53 | 104,37 | OR3,53X151,99-90  | 3,53 | 151,99 | OR3,53X260,00E    | 3,53 | 260,00 |
| OR3,53X069,44PTFE | 3,53 | 69,44 | OR3,53X104,37V    | 3,53 | 104,37 | OR3,53X151,99E    | 3,53 | 151,99 | OR3,53X266,29     | 3,53 | 266,29 |
| OR3,53X069,44V    | 3,53 | 69,44 | OR3,53X107,54     | 3,53 | 107,54 | OR3,53X151,99PTFE | 3,53 | 151,99 | OR3,53X266,29V    | 3,53 | 266,29 |
| OR3,53X069,85     | 3,53 | 69,85 | OR3,53X107,54-90  | 3,53 | 107,54 | OR3,53X151,99V    | 3,53 | 151,99 | OR3,53X272,64     | 3,53 | 272,64 |
| OR3,53X069,85-90  | 3,53 | 69,85 | OR3,53X107,54V    | 3,53 | 107,54 | OR3,53X158,34     | 3,53 | 158,34 | OR3,53X272,64V    | 3,53 | 272,64 |
| OR3,53X071,44     | 3,53 | 71,44 | OR3,53X109,53     | 3,53 | 109,53 | OR3,53X158,34-90  | 3,53 | 158,34 | OR3,53X275,60     | 3,53 | 275,60 |
| OR3,53X071,44-90  | 3,53 | 71,44 | OR3,53X110,72     | 3,53 | 110,72 | OR3,53X158,34PTFE | 3,53 | 158,34 | OR3,53X278,99     | 3,53 | 278,99 |
| OR3,53X071,44V    | 3,53 | 71,44 | OR3,53X110,72-90  | 3,53 | 110,72 | OR3,53X158,34V    | 3,53 | 158,34 | OR3,53X278,99V    | 3,53 | 278,99 |
| OR3,53X072,62     | 3,53 | 72,62 | OR3,53X110,72V    | 3,53 | 110,72 | OR3,53X160,00-90  | 3,53 | 160,00 | OR3,53X288,00     | 3,53 | 288,00 |
| OR3,53X072,62-90  | 3,53 | 72,62 | OR3,53X113,89     | 3,53 | 113,89 | OR3,53X164,69E    | 3,53 | 164,69 | OR3,53X291,69     | 3,53 | 291,69 |
| OR3,53X072,62E    | 3,53 | 72,62 | OR3,53X113,89-90  | 3,53 | 113,89 | OR3,53X164,70     | 3,53 | 164,70 | OR3,53X291,69-90  | 3,53 | 291,69 |
| OR3,53X072,62V    | 3,53 | 72,62 | OR3,53X113,89E    | 3,53 | 113,89 | OR3,53X164,70-90  | 3,53 | 164,70 | OR3,53X304,39     | 3,53 | 304,39 |
| OR3,53X073,03     | 3,53 | 73,03 | OR3,53X113,89PTFE | 3,53 | 113,89 | OR3,53X164,70S    | 3,53 | 164,70 | OR3,53X304,39V    | 3,53 | 304,39 |
| OR3,53X073,03-90  | 3,53 | 73,03 | OR3,53X113,89V    | 3,53 | 113,89 | OR3,53X164,70V    | 3,53 | 164,70 | OR3,53X315,80     | 3,53 | 315,80 |
| OR3,53X074,60E    | 3,53 | 74,60 | OR3,53X117,07     | 3,53 | 117,07 | OR3,53X168,00     | 3,53 | 168,00 | OR3,53X319,20     | 3,53 | 319,20 |
| OR3,53X074,61     | 3,53 | 74,61 | OR3,53X117,07-90  | 3,53 | 117,07 | OR3,53X171,04     | 3,53 | 171,04 | OR3,53X325,00     | 3,53 | 325,00 |
| OR3,53X074,61-90  | 3,53 | 74,61 | OR3,53X117,07S    | 3,53 | 117,07 | OR3,53X171,04-90  | 3,53 | 171,04 | OR3,53X329,79     | 3,53 | 329,79 |
| OR3,53X075,57     | 3,53 | 75,57 | OR3,53X117,07V    | 3,53 | 117,07 | OR3,53X171,04V    | 3,53 | 171,04 | OR3,53X329,79-90  | 3,53 | 329,79 |
| OR3,53X075,57E    | 3,53 | 75,57 | OR3,53X120,24     | 3,53 | 120,24 | OR3,53X177,39     | 3,53 | 177,39 | OR3,53X355,19     | 3,53 | 355,19 |
| OR3,53X075,79E    | 3,53 | 75,79 | OR3,53X120,24-90  | 3,53 | 120,24 | OR3,53X177,39E    | 3,53 | 177,39 | OR3,53X380,59     | 3,53 | 380,59 |
| OR3,53X075,80     | 3,53 | 75,80 | OR3,53X120,24E    | 3,53 | 120,24 | OR3,53X177,40PTFE | 3,53 | 177,40 | OR3,53X381,00-90  | 3,53 | 381,00 |
| OR3,53X075,80-90  | 3,53 | 75,80 | OR3,53X120,24V    | 3,53 | 120,24 | OR3,53X177,40V    | 3,53 | 177,40 | OR3,53X394,72     | 3,53 | 394,72 |
| OR3,53X075,80V    | 3,53 | 75,80 | OR3,53X123,42     | 3,53 | 123,42 | OR3,53X183,74     | 3,53 | 183,74 | OR3,53X405,26E    | 3,53 | 405,26 |
| OR3,53X077,22-90  | 3,53 | 77,22 | OR3,53X123,42-90  | 3,53 | 123,42 | OR3,53X183,75-90  | 3,53 | 183,75 | OR3,53X412,35     | 3,53 | 412,35 |
| OR3,53X077,50     | 3,53 | 77,50 | OR3,53X123,42E    | 3,53 | 123,42 | OR3,53X183,75PTFE | 3,53 | 183,75 | OR3,53X429,25     | 3,53 | 429,25 |
| OR3,53X078,97     | 3,53 | 78,97 | OR3,53X123,42PTFE | 3,53 | 123,42 | OR3,53X183,75V    | 3,53 | 183,75 | OR3,53X430,66     | 3,53 | 430,66 |
| OR3,53X078,97-90  | 3,53 | 78,97 | OR3,53X123,42S    | 3,53 | 123,42 | OR3,53X185,74     | 3,53 | 185,74 | OR3,53X456,06     | 3,53 | 456,06 |
| OR3,53X078,97E    | 3,53 | 78,97 | OR3,53X123,42V    | 3,53 | 123,42 | OR3,53X190,09V    | 3,53 | 190,09 | OR3,53X609,60     | 3,53 | 609,60 |
| OR3,53X078,97S    | 3,53 | 78,97 | OR3,53X126,60     | 3,53 | 126,60 | OR3,53X190,10     | 3,53 | 190,10 | OR3,55X187,50V    | 3,55 | 187,50 |
| OR3,53X078,97V    | 3,53 | 78,97 | OR3,53X126,60-90  | 3,53 | 126,60 | OR3,53X190,10E    | 3,53 | 190,10 | OR3,60X023,00V    | 3,60 | 23,00  |
| OR3,53X081,92     | 3,53 | 81,92 | OR3,53X126,60V    | 3,53 | 126,60 | OR3,53X196,44V    | 3,53 | 196,44 | OR3,60X026,20V    | 3,60 | 26,20  |
| OR3,53X082,14     | 3,53 | 82,14 | OR3,53X129,77     | 3,53 | 129,77 | OR3,53X196,45     | 3,53 | 196,45 | OR4,00X006,00     | 4,00 | 6,00   |
| OR3,53X082,14-90  | 3,53 | 82,14 | OR3,53X129,77-90  | 3,53 | 129,77 | OR3,53X196,45-90  | 3,53 | 196,45 | OR4,00X008,00     | 4,00 | 8,00   |
| OR3,53X082,14S    | 3,53 | 82,14 | OR3,53X129,77PTFE | 3,53 | 129,77 | OR3,53X202,79PTFE | 3,53 | 202,79 | OR4,00X008,00E    | 4,00 | 8,00   |
| OR3,53X082,14V    | 3,53 | 82,14 | OR3,53X129,77V    | 3,53 | 129,77 | OR3,53X202,80     | 3,53 | 202,80 | OR4,00X008,00PTFE | 4,00 | 8,00   |
| OR3,53X085,32     | 3,53 | 85,32 | OR3,53X132,95     | 3,53 | 132,95 | OR3,53X202,80E    | 3,53 | 202,80 | OR4,00X008,00S    | 4,00 | 8,00   |
| OR3,53X085,32-90  | 3,53 | 85,32 | OR3,53X132,95-90  | 3,53 | 132,95 | OR3,53X202,80V    | 3,53 | 202,80 | OR4,00X008,00V    | 4,00 | 8,00   |
| OR3,53X085,32V    | 3,53 | 85,32 | OR3,53X132,95E    | 3,53 | 132,95 | OR3,53X209,14     | 3,53 | 209,14 | OR4,00X009,00     | 4,00 | 9,00   |
| OR3,53X088,49     | 3,53 | 88,49 | OR3,53X132,95PTFE | 3,53 | 132,95 | OR3,53X209,14-90  | 3,53 | 209,14 | OR4,00X010,00     | 4,00 | 10,00  |
| OR3,53X088,49-90  | 3,53 | 88,49 | OR3,53X132,95V    | 3,53 | 132,95 | OR3,53X215,49     | 3,53 | 215,49 | OR4,00X012,00     | 4,00 | 12,00  |
| OR3,53X088,49E    | 3,53 | 88,49 | OR3,53X136,12     | 3,53 | 136,12 | OR3,53X215,49-90  | 3,53 | 215,49 | OR4,00X013,00     | 4,00 | 13,00  |
| OR3,53X088,49V    | 3,53 | 88,49 | OR3,53X136,12-90  | 3,53 | 136,12 | OR3,53X218,19     | 3,53 | 218,19 | OR4,00X014,00     | 4,00 | 14,00  |
| OR3,53X091,67     | 3,53 | 91,67 | OR3,53X136,12V    | 3,53 | 136,12 | OR3,53X221,84     | 3,53 | 221,84 | OR4,00X015,00     | 4,00 | 15,00  |
| OR3,53X091,67-90  | 3,53 | 91,67 | OR3,53X139,00-90  | 3,53 | 139,00 | OR3,53X221,84-90  | 3,53 | 221,84 | OR4,00X016,00     | 4,00 | 16,00  |
| OR3,53X091,67E    | 3,53 | 91,67 | OR3,53X139,29     | 3,53 | 139,29 | OR3,53X221,84V    | 3,53 | 221,84 | OR4,00X016,00-90  | 4,00 | 16,00  |
| OR3,53X091,67V    | 3,53 | 91,67 | OR3,53X139,29-90  | 3,53 | 139,29 | OR3,53X228,20     | 3,53 | 228,20 | OR4,00X017,00     | 4,00 | 17,00  |
| OR3,53X092,00-90  | 3,53 | 92,00 | OR3,53X139,29E    | 3,53 | 139,29 | OR3,53X228,20-90  | 3,53 | 228,20 | OR4,00X017,00V    | 4,00 | 17,00  |
| OR3,53X094,84     | 3,53 | 94,84 | OR3,53X139,29V    | 3,53 | 139,29 | OR3,53X228,20E    | 3,53 | 228,20 | OR4,00X018,00     | 4,00 | 18,00  |
| OR3,53X094,84-90  | 3,53 | 94,84 | OR3,53X139,30PTFE | 3,53 | 139,30 | OR3,53X228,20V    | 3,53 | 228,20 | OR4,00X018,00V    | 4,00 | 18,00  |

|                  |      |       |                   |      |       |                  |      |        |                   |      |        |
|------------------|------|-------|-------------------|------|-------|------------------|------|--------|-------------------|------|--------|
| OR4,00X019,00    | 4,00 | 19,00 | OR4,00X048,00-90  | 4,00 | 48,00 | OR4,00X082,00-90 | 4,00 | 82,00  | OR4,00X133,00-90  | 4,00 | 133,00 |
| OR4,00X019,00V   | 4,00 | 19,00 | OR4,00X048,00E    | 4,00 | 48,00 | OR4,00X082,00V   | 4,00 | 82,00  | OR4,00X134,00     | 4,00 | 134,00 |
| OR4,00X020,00    | 4,00 | 20,00 | OR4,00X048,00V    | 4,00 | 48,00 | OR4,00X084,00    | 4,00 | 84,00  | OR4,00X134,00V    | 4,00 | 134,00 |
| OR4,00X020,00E   | 4,00 | 20,00 | OR4,00X049,00     | 4,00 | 49,00 | OR4,00X085,00    | 4,00 | 85,00  | OR4,00X135,00     | 4,00 | 135,00 |
| OR4,00X020,00V   | 4,00 | 20,00 | OR4,00X049,00-90  | 4,00 | 49,00 | OR4,00X085,00-90 | 4,00 | 85,00  | OR4,00X136,00-90  | 4,00 | 136,00 |
| OR4,00X021,00    | 4,00 | 21,00 | OR4,00X050,00     | 4,00 | 50,00 | OR4,00X085,00V   | 4,00 | 85,00  | OR4,00X136,00V    | 4,00 | 136,00 |
| OR4,00X022,00    | 4,00 | 22,00 | OR4,00X050,00V    | 4,00 | 50,00 | OR4,00X087,00    | 4,00 | 87,00  | OR4,00X136,50     | 4,00 | 136,50 |
| OR4,00X022,00V   | 4,00 | 22,00 | OR4,00X051,00     | 4,00 | 51,00 | OR4,00X088,00    | 4,00 | 88,00  | OR4,00X140,00     | 4,00 | 140,00 |
| OR4,00X023,00    | 4,00 | 23,00 | OR4,00X053,00     | 4,00 | 53,00 | OR4,00X088,00V   | 4,00 | 88,00  | OR4,00X142,00     | 4,00 | 142,00 |
| OR4,00X024,00    | 4,00 | 24,00 | OR4,00X053,00-90  | 4,00 | 53,00 | OR4,00X089,00    | 4,00 | 89,00  | OR4,00X144,00V    | 4,00 | 144,00 |
| OR4,00X025,00    | 4,00 | 25,00 | OR4,00X054,00     | 4,00 | 54,00 | OR4,00X090,00    | 4,00 | 90,00  | OR4,00X145,00     | 4,00 | 145,00 |
| OR4,00X025,00-90 | 4,00 | 25,00 | OR4,00X055,00     | 4,00 | 55,00 | OR4,00X090,00-90 | 4,00 | 90,00  | OR4,00X145,00V    | 4,00 | 145,00 |
| OR4,00X025,00S   | 4,00 | 25,00 | OR4,00X056,00     | 4,00 | 56,00 | OR4,00X090,00E   | 4,00 | 90,00  | OR4,00X146,00     | 4,00 | 146,00 |
| OR4,00X025,00V   | 4,00 | 25,00 | OR4,00X057,00     | 4,00 | 57,00 | OR4,00X090,00V   | 4,00 | 90,00  | OR4,00X148,00E    | 4,00 | 148,00 |
| OR4,00X026,00    | 4,00 | 26,00 | OR4,00X057,00S    | 4,00 | 57,00 | OR4,00X092,00    | 4,00 | 92,00  | OR4,00X150,00     | 4,00 | 150,00 |
| OR4,00X027,00    | 4,00 | 27,00 | OR4,00X057,00V    | 4,00 | 57,00 | OR4,00X092,00-90 | 4,00 | 92,00  | OR4,00X150,00-90  | 4,00 | 150,00 |
| OR4,00X027,00V   | 4,00 | 27,00 | OR4,00X058,00     | 4,00 | 58,00 | OR4,00X092,00E   | 4,00 | 92,00  | OR4,00X150,00V    | 4,00 | 150,00 |
| OR4,00X028,00    | 4,00 | 28,00 | OR4,00X058,00-90  | 4,00 | 58,00 | OR4,00X092,00V   | 4,00 | 92,00  | OR4,00X155,00     | 4,00 | 155,00 |
| OR4,00X028,00-90 | 4,00 | 28,00 | OR4,00X058,00E    | 4,00 | 58,00 | OR4,00X094,00-90 | 4,00 | 94,00  | OR4,00X155,00E    | 4,00 | 155,00 |
| OR4,00X028,00V   | 4,00 | 28,00 | OR4,00X058,00V    | 4,00 | 58,00 | OR4,00X095,00    | 4,00 | 95,00  | OR4,00X156,00     | 4,00 | 156,00 |
| OR4,00X029,00V   | 4,00 | 29,00 | OR4,00X060,00     | 4,00 | 60,00 | OR4,00X095,00E   | 4,00 | 95,00  | OR4,00X159,00     | 4,00 | 159,00 |
| OR4,00X030,00    | 4,00 | 30,00 | OR4,00X060,00-90  | 4,00 | 60,00 | OR4,00X096,00    | 4,00 | 96,00  | OR4,00X160,00     | 4,00 | 160,00 |
| OR4,00X030,00E   | 4,00 | 30,00 | OR4,00X060,00V    | 4,00 | 60,00 | OR4,00X098,00    | 4,00 | 98,00  | OR4,00X160,00-90  | 4,00 | 160,00 |
| OR4,00X031,00    | 4,00 | 31,00 | OR4,00X061,00PTFE | 4,00 | 61,00 | OR4,00X100,00    | 4,00 | 100,00 | OR4,00X160,00PTFE | 4,00 | 160,00 |
| OR4,00X031,50-90 | 4,00 | 31,50 | OR4,00X062,00     | 4,00 | 62,00 | OR4,00X100,00E   | 4,00 | 100,00 | OR4,00X160,00V    | 4,00 | 160,00 |
| OR4,00X032,00    | 4,00 | 32,00 | OR4,00X062,00E    | 4,00 | 62,00 | OR4,00X100,00V   | 4,00 | 100,00 | OR4,00X165,00     | 4,00 | 165,00 |
| OR4,00X032,00E   | 4,00 | 32,00 | OR4,00X062,00V    | 4,00 | 62,00 | OR4,00X102,00    | 4,00 | 102,00 | OR4,00X165,00V    | 4,00 | 165,00 |
| OR4,00X032,00S   | 4,00 | 32,00 | OR4,00X063,00     | 4,00 | 63,00 | OR4,00X102,00V   | 4,00 | 102,00 | OR4,00X168,00     | 4,00 | 168,00 |
| OR4,00X032,00V   | 4,00 | 32,00 | OR4,00X063,00-90  | 4,00 | 63,00 | OR4,00X103,50    | 4,00 | 103,50 | OR4,00X170,00     | 4,00 | 170,00 |
| OR4,00X033,00    | 4,00 | 33,00 | OR4,00X063,00V    | 4,00 | 63,00 | OR4,00X105,00    | 4,00 | 105,00 | OR4,00X170,00-90  | 4,00 | 170,00 |
| OR4,00X033,50    | 4,00 | 33,50 | OR4,00X064,00     | 4,00 | 64,00 | OR4,00X105,00-90 | 4,00 | 105,00 | OR4,00X172,00     | 4,00 | 172,00 |
| OR4,00X034,00    | 4,00 | 34,00 | OR4,00X065,00     | 4,00 | 65,00 | OR4,00X108,00    | 4,00 | 108,00 | OR4,00X172,00-90  | 4,00 | 172,00 |
| OR4,00X034,00V   | 4,00 | 34,00 | OR4,00X065,00-90  | 4,00 | 65,00 | OR4,00X109,00    | 4,00 | 109,00 | OR4,00X172,00V    | 4,00 | 172,00 |
| OR4,00X035,00    | 4,00 | 35,00 | OR4,00X065,00E    | 4,00 | 65,00 | OR4,00X110,00    | 4,00 | 110,00 | OR4,00X175,00     | 4,00 | 175,00 |
| OR4,00X035,00V   | 4,00 | 35,00 | OR4,00X065,00V    | 4,00 | 65,00 | OR4,00X110,00-90 | 4,00 | 110,00 | OR4,00X175,00-90  | 4,00 | 175,00 |
| OR4,00X036,00    | 4,00 | 36,00 | OR4,00X066,00     | 4,00 | 66,00 | OR4,00X112,00    | 4,00 | 112,00 | OR4,00X180,00     | 4,00 | 180,00 |
| OR4,00X036,00-90 | 4,00 | 36,00 | OR4,00X066,00-90  | 4,00 | 66,00 | OR4,00X112,00-90 | 4,00 | 112,00 | OR4,00X180,00-90  | 4,00 | 180,00 |
| OR4,00X036,00V   | 4,00 | 36,00 | OR4,00X067,00     | 4,00 | 67,00 | OR4,00X112,00V   | 4,00 | 112,00 | OR4,00X180,00V    | 4,00 | 180,00 |
| OR4,00X038,00    | 4,00 | 38,00 | OR4,00X067,00-90  | 4,00 | 67,00 | OR4,00X115,00    | 4,00 | 115,00 | OR4,00X182,00     | 4,00 | 182,00 |
| OR4,00X038,00V   | 4,00 | 38,00 | OR4,00X068,00     | 4,00 | 68,00 | OR4,00X115,00-90 | 4,00 | 115,00 | OR4,00X185,00     | 4,00 | 185,00 |
| OR4,00X040,00    | 4,00 | 40,00 | OR4,00X070,00     | 4,00 | 70,00 | OR4,00X115,00V   | 4,00 | 115,00 | OR4,00X185,00S    | 4,00 | 185,00 |
| OR4,00X040,00-90 | 4,00 | 40,00 | OR4,00X070,00-90  | 4,00 | 70,00 | OR4,00X117,00    | 4,00 | 117,00 | OR4,00X188,00     | 4,00 | 188,00 |
| OR4,00X040,00E   | 4,00 | 40,00 | OR4,00X070,00V    | 4,00 | 70,00 | OR4,00X117,00-90 | 4,00 | 117,00 | OR4,00X190,00     | 4,00 | 190,00 |
| OR4,00X042,00    | 4,00 | 42,00 | OR4,00X071,00     | 4,00 | 71,00 | OR4,00X117,00V   | 4,00 | 117,00 | OR4,00X190,00-90  | 4,00 | 190,00 |
| OR4,00X042,00E   | 4,00 | 42,00 | OR4,00X072,00     | 4,00 | 72,00 | OR4,00X118,00    | 4,00 | 118,00 | OR4,00X190,00V    | 4,00 | 190,00 |
| OR4,00X042,00S   | 4,00 | 42,00 | OR4,00X072,00-90  | 4,00 | 72,00 | OR4,00X118,00-90 | 4,00 | 118,00 | OR4,00X192,00     | 4,00 | 192,00 |
| OR4,00X042,00V   | 4,00 | 42,00 | OR4,00X072,00E    | 4,00 | 72,00 | OR4,00X120,00    | 4,00 | 120,00 | OR4,00X192,00V    | 4,00 | 192,00 |
| OR4,00X043,00V   | 4,00 | 43,00 | OR4,00X073,00V    | 4,00 | 73,00 | OR4,00X120,00V   | 4,00 | 120,00 | OR4,00X195,00     | 4,00 | 195,00 |
| OR4,00X044,00    | 4,00 | 44,00 | OR4,00X074,00     | 4,00 | 74,00 | OR4,00X122,00    | 4,00 | 122,00 | OR4,00X195,00-90  | 4,00 | 195,00 |
| OR4,00X045,00    | 4,00 | 45,00 | OR4,00X074,00E    | 4,00 | 74,00 | OR4,00X122,00V   | 4,00 | 122,00 | OR4,00X198,00E    | 4,00 | 198,00 |
| OR4,00X045,00-90 | 4,00 | 45,00 | OR4,00X075,00     | 4,00 | 75,00 | OR4,00X123,50    | 4,00 | 123,50 | OR4,00X200,00     | 4,00 | 200,00 |
| OR4,00X045,00V   | 4,00 | 45,00 | OR4,00X076,00     | 4,00 | 76,00 | OR4,00X124,00    | 4,00 | 124,00 | OR4,00X200,00-90  | 4,00 | 200,00 |
| OR4,00X046,00    | 4,00 | 46,00 | OR4,00X076,00V    | 4,00 | 76,00 | OR4,00X125,00-90 | 4,00 | 125,00 | OR4,00X200,00E    | 4,00 | 200,00 |
| OR4,00X046,00E   | 4,00 | 46,00 | OR4,00X078,00     | 4,00 | 78,00 | OR4,00X125,00V   | 4,00 | 125,00 | OR4,00X200,00V    | 4,00 | 200,00 |
| OR4,00X046,00V   | 4,00 | 46,00 | OR4,00X078,00-90  | 4,00 | 78,00 | OR4,00X126,00    | 4,00 | 126,00 | OR4,00X202,00     | 4,00 | 202,00 |
| OR4,00X047,00    | 4,00 | 47,00 | OR4,00X078,00V    | 4,00 | 78,00 | OR4,00X126,00-90 | 4,00 | 126,00 | OR4,00X204,00     | 4,00 | 204,00 |
| OR4,00X047,00-90 | 4,00 | 47,00 | OR4,00X080,00     | 4,00 | 80,00 | OR4,00X130,00    | 4,00 | 130,00 | OR4,00X205,00     | 4,00 | 205,00 |
| OR4,00X047,00E   | 4,00 | 47,00 | OR4,00X080,00-90  | 4,00 | 80,00 | OR4,00X130,00-90 | 4,00 | 130,00 | OR4,00X208,00     | 4,00 | 208,00 |
| OR4,00X047,00V   | 4,00 | 47,00 | OR4,00X080,00V    | 4,00 | 80,00 | OR4,00X130,00V   | 4,00 | 130,00 | OR4,00X210,00     | 4,00 | 210,00 |
| OR4,00X048,00    | 4,00 | 48,00 | OR4,00X082,00     | 4,00 | 82,00 | OR4,00X132,00    | 4,00 | 132,00 | OR4,00X215,00     | 4,00 | 215,00 |

|                   |      |        |                  |      |        |                  |      |       |                   |      |        |
|-------------------|------|--------|------------------|------|--------|------------------|------|-------|-------------------|------|--------|
| OR4,00X220,00     | 4,00 | 220,00 | OR4,50X035,00    | 4,50 | 35,00  | OR5,00X033,00E   | 5,00 | 33,00 | OR5,00X075,00     | 5,00 | 75,00  |
| OR4,00X220,00E    | 4,00 | 220,00 | OR4,50X036,00    | 4,50 | 36,00  | OR5,00X034,00    | 5,00 | 34,00 | OR5,00X075,00S    | 5,00 | 75,00  |
| OR4,00X220,00V    | 4,00 | 220,00 | OR4,50X038,00    | 4,50 | 38,00  | OR5,00X035,00    | 5,00 | 35,00 | OR5,00X075,00V    | 5,00 | 75,00  |
| OR4,00X227,00     | 4,00 | 227,00 | OR4,50X040,00V   | 4,50 | 40,00  | OR5,00X035,00-90 | 5,00 | 35,00 | OR5,00X078,00     | 5,00 | 78,00  |
| OR4,00X228,00     | 4,00 | 228,00 | OR4,50X042,00    | 4,50 | 42,00  | OR5,00X035,00E   | 5,00 | 35,00 | OR5,00X080,00     | 5,00 | 80,00  |
| OR4,00X228,00V    | 4,00 | 228,00 | OR4,50X049,00    | 4,50 | 49,00  | OR5,00X036,00    | 5,00 | 36,00 | OR5,00X080,00-90  | 5,00 | 80,00  |
| OR4,00X230,00     | 4,00 | 230,00 | OR4,50X050,00V   | 4,50 | 50,00  | OR5,00X038,00    | 5,00 | 38,00 | OR5,00X080,00PU   | 5,00 | 80,00  |
| OR4,00X230,00PTFE | 4,00 | 230,00 | OR4,50X060,00    | 4,50 | 60,00  | OR5,00X038,00E   | 5,00 | 38,00 | OR5,00X080,00V    | 5,00 | 80,00  |
| OR4,00X235,00     | 4,00 | 235,00 | OR4,50X073,00    | 4,50 | 73,00  | OR5,00X038,00V   | 5,00 | 38,00 | OR5,00X082,00     | 5,00 | 82,00  |
| OR4,00X238,00     | 4,00 | 238,00 | OR4,50X073,00E   | 4,50 | 73,00  | OR5,00X040,00    | 5,00 | 40,00 | OR5,00X085,00     | 5,00 | 85,00  |
| OR4,00X250,00     | 4,00 | 250,00 | OR4,50X074,00    | 4,50 | 74,00  | OR5,00X040,00-90 | 5,00 | 40,00 | OR5,00X085,00E    | 5,00 | 85,00  |
| OR4,00X250,00E    | 4,00 | 250,00 | OR4,50X080,00    | 4,50 | 80,00  | OR5,00X040,00V   | 5,00 | 40,00 | OR5,00X085,00PTFE | 5,00 | 85,00  |
| OR4,00X252,00     | 4,00 | 252,00 | OR4,50X085,00    | 4,50 | 85,00  | OR5,00X041,00    | 5,00 | 41,00 | OR5,00X085,00V    | 5,00 | 85,00  |
| OR4,00X255,00     | 4,00 | 255,00 | OR4,50X110,00    | 4,50 | 110,00 | OR5,00X041,00E   | 5,00 | 41,00 | OR5,00X086,00V    | 5,00 | 86,00  |
| OR4,00X255,00S    | 4,00 | 255,00 | OR4,50X115,00    | 4,50 | 115,00 | OR5,00X041,00V   | 5,00 | 41,00 | OR5,00X087,00     | 5,00 | 87,00  |
| OR4,00X260,00     | 4,00 | 260,00 | OR4,50X135,00    | 4,50 | 135,00 | OR5,00X042,00    | 5,00 | 42,00 | OR5,00X087,00V    | 5,00 | 87,00  |
| OR4,00X265,00     | 4,00 | 265,00 | OR4,50X139,50    | 4,50 | 139,50 | OR5,00X042,00-90 | 5,00 | 42,00 | OR5,00X088,00     | 5,00 | 88,00  |
| OR4,00X270,00     | 4,00 | 270,00 | OR4,50X141,00    | 4,50 | 141,00 | OR5,00X042,00E   | 5,00 | 42,00 | OR5,00X088,00S    | 5,00 | 88,00  |
| OR4,00X275,00     | 4,00 | 275,00 | OR4,50X185,00    | 4,50 | 185,00 | OR5,00X042,00S   | 5,00 | 42,00 | OR5,00X088,00V    | 5,00 | 88,00  |
| OR4,00X280,00     | 4,00 | 280,00 | OR4,50X189,50    | 4,50 | 189,50 | OR5,00X042,00S   | 5,00 | 42,00 | OR5,00X090,00     | 5,00 | 90,00  |
| OR4,00X285,00     | 4,00 | 285,00 | OR4,50X208,00    | 4,50 | 208,00 | OR5,00X043,00    | 5,00 | 43,00 | OR5,00X090,00-90  | 5,00 | 90,00  |
| OR4,00X290,00     | 4,00 | 290,00 | OR4,50X215,00    | 4,50 | 215,00 | OR5,00X044,00    | 5,00 | 44,00 | OR5,00X090,00PU   | 5,00 | 90,00  |
| OR4,00X300,00V    | 4,00 | 300,00 | OR4,50X220,00E   | 4,50 | 220,00 | OR5,00X045,00    | 5,00 | 45,00 | OR5,00X092,00     | 5,00 | 92,00  |
| OR4,00X305,00     | 4,00 | 305,00 | OR4,50X227,00    | 4,50 | 227,00 | OR5,00X045,00-90 | 5,00 | 45,00 | OR5,00X093,00     | 5,00 | 93,00  |
| OR4,00X306,00     | 4,00 | 306,00 | OR4,50X293,00V   | 4,50 | 293,00 | OR5,00X045,00V   | 5,00 | 45,00 | OR5,00X094,00     | 5,00 | 94,00  |
| OR4,00X312,00     | 4,00 | 312,00 | OR5,00X007,00    | 5,00 | 7,00   | OR5,00X048,00    | 5,00 | 48,00 | OR5,00X095,00     | 5,00 | 95,00  |
| OR4,00X315,00     | 4,00 | 315,00 | OR5,00X008,00    | 5,00 | 8,00   | OR5,00X048,00E   | 5,00 | 48,00 | OR5,00X097,00     | 5,00 | 97,00  |
| OR4,00X317,00     | 4,00 | 317,00 | OR5,00X010,00    | 5,00 | 10,00  | OR5,00X048,00V   | 5,00 | 48,00 | OR5,00X100,00     | 5,00 | 100,00 |
| OR4,00X320,00     | 4,00 | 320,00 | OR5,00X013,00    | 5,00 | 13,00  | OR5,00X050,00    | 5,00 | 50,00 | OR5,00X100,00-90  | 5,00 | 100,00 |
| OR4,00X321,00     | 4,00 | 321,00 | OR5,00X014,00    | 5,00 | 14,00  | OR5,00X050,00-90 | 5,00 | 50,00 | OR5,00X100,00E    | 5,00 | 100,00 |
| OR4,00X325,00     | 4,00 | 325,00 | OR5,00X015,00    | 5,00 | 15,00  | OR5,00X050,00V   | 5,00 | 50,00 | OR5,00X100,00V    | 5,00 | 100,00 |
| OR4,00X326,00-90  | 4,00 | 326,00 | OR5,00X015,00V   | 5,00 | 15,00  | OR5,00X051,00V   | 5,00 | 51,00 | OR5,00X102,00E    | 5,00 | 102,00 |
| OR4,00X329,00     | 4,00 | 329,00 | OR5,00X016,00    | 5,00 | 16,00  | OR5,00X052,00    | 5,00 | 52,00 | OR5,00X103,00     | 5,00 | 103,00 |
| OR4,00X330,00     | 4,00 | 330,00 | OR5,00X016,00V   | 5,00 | 16,00  | OR5,00X053,00    | 5,00 | 53,00 | OR5,00X105,00     | 5,00 | 105,00 |
| OR4,00X332,00     | 4,00 | 332,00 | OR5,00X017,00    | 5,00 | 17,00  | OR5,00X054,00    | 5,00 | 54,00 | OR5,00X105,00-90  | 5,00 | 105,00 |
| OR4,00X340,00     | 4,00 | 340,00 | OR5,00X018,00    | 5,00 | 18,00  | OR5,00X054,00E   | 5,00 | 54,00 | OR5,00X105,00E    | 5,00 | 105,00 |
| OR4,00X350,00V    | 4,00 | 350,00 | OR5,00X018,00V   | 5,00 | 18,00  | OR5,00X054,00V   | 5,00 | 54,00 | OR5,00X105,00V    | 5,00 | 105,00 |
| OR4,00X355,00     | 4,00 | 355,00 | OR5,00X019,00    | 5,00 | 19,00  | OR5,00X055,00    | 5,00 | 55,00 | OR5,00X107,00     | 5,00 | 107,00 |
| OR4,00X380,00     | 4,00 | 380,00 | OR5,00X020,00    | 5,00 | 20,00  | OR5,00X055,00-90 | 5,00 | 55,00 | OR5,00X108,00     | 5,00 | 108,00 |
| OR4,00X390,00     | 4,00 | 390,00 | OR5,00X022,00    | 5,00 | 22,00  | OR5,00X056,00    | 5,00 | 56,00 | OR5,00X108,00V    | 5,00 | 108,00 |
| OR4,00X400,00     | 4,00 | 400,00 | OR5,00X023,00    | 5,00 | 23,00  | OR5,00X057,00    | 5,00 | 57,00 | OR5,00X110,00     | 5,00 | 110,00 |
| OR4,00X410,00     | 4,00 | 410,00 | OR5,00X024,00-90 | 5,00 | 24,00  | OR5,00X058,00    | 5,00 | 58,00 | OR5,00X110,00-90  | 5,00 | 110,00 |
| OR4,00X413,00     | 4,00 | 413,00 | OR5,00X025,00    | 5,00 | 25,00  | OR5,00X058,00V   | 5,00 | 58,00 | OR5,00X112,00     | 5,00 | 112,00 |
| OR4,00X435,00     | 4,00 | 435,00 | OR5,00X025,00E   | 5,00 | 25,00  | OR5,00X060,00    | 5,00 | 60,00 | OR5,00X112,00-90  | 5,00 | 112,00 |
| OR4,00X450,00     | 4,00 | 450,00 | OR5,00X025,00V   | 5,00 | 25,00  | OR5,00X060,00PU  | 5,00 | 60,00 | OR5,00X112,00V    | 5,00 | 112,00 |
| OR4,00X470,00     | 4,00 | 470,00 | OR5,00X026,00    | 5,00 | 26,00  | OR5,00X060,00V   | 5,00 | 60,00 | OR5,00X115,00     | 5,00 | 115,00 |
| OR4,00X470,00V    | 4,00 | 470,00 | OR5,00X026,00E   | 5,00 | 26,00  | OR5,00X062,00    | 5,00 | 62,00 | OR5,00X115,00-90  | 5,00 | 115,00 |
| OR4,00X475,00     | 4,00 | 475,00 | OR5,00X027,00    | 5,00 | 27,00  | OR5,00X062,00V   | 5,00 | 62,00 | OR5,00X115,00E    | 5,00 | 115,00 |
| OR4,00X480,00     | 4,00 | 480,00 | OR5,00X028,00    | 5,00 | 28,00  | OR5,00X064,00    | 5,00 | 64,00 | OR5,00X115,00V    | 5,00 | 115,00 |
| OR4,00X485,00     | 4,00 | 485,00 | OR5,00X028,00E   | 5,00 | 28,00  | OR5,00X065,00    | 5,00 | 65,00 | OR5,00X117,00     | 5,00 | 117,00 |
| OR4,00X585,00     | 4,00 | 585,00 | OR5,00X028,00V   | 5,00 | 28,00  | OR5,00X065,00PU  | 5,00 | 65,00 | OR5,00X117,00V    | 5,00 | 117,00 |
| OR4,00X690,00     | 4,00 | 690,00 | OR5,00X030,00    | 5,00 | 30,00  | OR5,00X065,00V   | 5,00 | 65,00 | OR5,00X118,00V    | 5,00 | 118,00 |
| OR4,00X690,00V    | 4,00 | 690,00 | OR5,00X030,00E   | 5,00 | 30,00  | OR5,00X068,00    | 5,00 | 68,00 | OR5,00X120,00     | 5,00 | 120,00 |
| OR4,00X812,00     | 4,00 | 812,00 | OR5,00X030,00S   | 5,00 | 30,00  | OR5,00X070,00    | 5,00 | 70,00 | OR5,00X120,00-90  | 5,00 | 120,00 |
| OR4,30X096,00V    | 4,30 | 96,00  | OR5,00X030,00V   | 5,00 | 30,00  | OR5,00X070,00-90 | 5,00 | 70,00 | OR5,00X120,00V    | 5,00 | 120,00 |
| OR4,50X009,50     | 4,50 | 9,50   | OR5,00X032,00    | 5,00 | 32,00  | OR5,00X070,00PU  | 5,00 | 70,00 | OR5,00X123,00V    | 5,00 | 123,00 |
| OR4,50X020,00     | 4,50 | 20,00  | OR5,00X032,00-90 | 5,00 | 32,00  | OR5,00X070,00V   | 5,00 | 70,00 | OR5,00X124,00     | 5,00 | 124,00 |
| OR4,50X021,50     | 4,50 | 21,50  | OR5,00X032,00E   | 5,00 | 32,00  | OR5,00X071,00    | 5,00 | 71,00 | OR5,00X125,00     | 5,00 | 125,00 |
| OR4,50X026,00     | 4,50 | 26,00  | OR5,00X032,00V   | 5,00 | 32,00  | OR5,00X072,00V   | 5,00 | 72,00 | OR5,00X125,00-90  | 5,00 | 125,00 |
| OR4,50X031,00     | 4,50 | 31,00  | OR5,00X033,00    | 5,00 | 33,00  | OR5,00X073,00    | 5,00 | 73,00 | OR5,00X125,00V    | 5,00 | 125,00 |

|                   |      |        |                  |      |        |                  |      |        |                   |      |        |
|-------------------|------|--------|------------------|------|--------|------------------|------|--------|-------------------|------|--------|
| OR5,00X130,00     | 5,00 | 130,00 | OR5,00X250,00    | 5,00 | 250,00 | OR5,30X018,50S   | 5,30 | 18,50  | OR5,33X059,69-90  | 5,33 | 59,69  |
| OR5,00X132,00     | 5,00 | 132,00 | OR5,00X250,00V   | 5,00 | 250,00 | OR5,30X038,00V   | 5,30 | 38,00  | OR5,33X059,69V    | 5,33 | 59,69  |
| OR5,00X135,00     | 5,00 | 135,00 | OR5,00X253,57    | 5,00 | 253,57 | OR5,30X160,00V   | 5,30 | 160,00 | OR5,33X062,87     | 5,33 | 62,87  |
| OR5,00X138,00     | 5,00 | 138,00 | OR5,00X255,00    | 5,00 | 255,00 | OR5,33X010,46-90 | 5,33 | 10,46  | OR5,33X062,87-90  | 5,33 | 62,87  |
| OR5,00X140,00     | 5,00 | 140,00 | OR5,00X258,00    | 5,00 | 258,00 | OR5,33X012,07-90 | 5,33 | 12,07  | OR5,33X062,87V    | 5,33 | 62,87  |
| OR5,00X140,00-90  | 5,00 | 140,00 | OR5,00X260,00    | 5,00 | 260,00 | OR5,33X013,64    | 5,33 | 13,64  | OR5,33X066,00     | 5,33 | 66,00  |
| OR5,00X145,00     | 5,00 | 145,00 | OR5,00X262,00    | 5,00 | 262,00 | OR5,33X013,64-90 | 5,33 | 13,64  | OR5,33X066,04V    | 5,33 | 66,04  |
| OR5,00X148,00     | 5,00 | 148,00 | OR5,00X263,00    | 5,00 | 263,00 | OR5,33X015,24-90 | 5,33 | 15,24  | OR5,33X069,22     | 5,33 | 69,22  |
| OR5,00X148,00-90  | 5,00 | 148,00 | OR5,00X265,00    | 5,00 | 265,00 | OR5,33X015,24V   | 5,33 | 15,24  | OR5,33X069,22-90  | 5,33 | 69,22  |
| OR5,00X150,00     | 5,00 | 150,00 | OR5,00X265,00E   | 5,00 | 265,00 | OR5,33X016,81-90 | 5,33 | 16,81  | OR5,33X069,22PTFE | 5,33 | 69,22  |
| OR5,00X150,00-90  | 5,00 | 150,00 | OR5,00X270,00    | 5,00 | 270,00 | OR5,33X016,81V   | 5,33 | 16,81  | OR5,33X069,22V    | 5,33 | 69,22  |
| OR5,00X150,00E    | 5,00 | 150,00 | OR5,00X270,00V   | 5,00 | 270,00 | OR5,33X018,42-90 | 5,33 | 18,42  | OR5,33X072,39     | 5,33 | 72,39  |
| OR5,00X150,00PTFE | 5,00 | 150,00 | OR5,00X272,00    | 5,00 | 272,00 | OR5,33X019,99    | 5,33 | 19,99  | OR5,33X072,39-90  | 5,33 | 72,39  |
| OR5,00X150,00V    | 5,00 | 150,00 | OR5,00X275,00    | 5,00 | 275,00 | OR5,33X019,99-90 | 5,33 | 19,99  | OR5,33X072,39V    | 5,33 | 72,39  |
| OR5,00X152,00V    | 5,00 | 152,00 | OR5,00X280,00    | 5,00 | 280,00 | OR5,33X021,59-90 | 5,33 | 21,59  | OR5,33X074,63     | 5,33 | 74,63  |
| OR5,00X155,00     | 5,00 | 155,00 | OR5,00X280,00-90 | 5,00 | 280,00 | OR5,33X023,17-90 | 5,33 | 23,17  | OR5,33X074,63-90  | 5,33 | 74,63  |
| OR5,00X155,00E    | 5,00 | 155,00 | OR5,00X280,00V   | 5,00 | 280,00 | OR5,33X024,77    | 5,33 | 24,77  | OR5,33X075,57     | 5,33 | 75,57  |
| OR5,00X155,00V    | 5,00 | 155,00 | OR5,00X285,00    | 5,00 | 285,00 | OR5,33X024,77-90 | 5,33 | 24,77  | OR5,33X075,57E    | 5,33 | 75,57  |
| OR5,00X160,00     | 5,00 | 160,00 | OR5,00X285,00-90 | 5,00 | 285,00 | OR5,33X024,77V   | 5,33 | 24,77  | OR5,33X075,57V    | 5,33 | 75,57  |
| OR5,00X162,00     | 5,00 | 162,00 | OR5,00X289,00V   | 5,00 | 289,00 | OR5,33X026,34    | 5,33 | 26,34  | OR5,33X078,74     | 5,33 | 78,74  |
| OR5,00X165,00     | 5,00 | 165,00 | OR5,00X290,00    | 5,00 | 290,00 | OR5,33X026,34-90 | 5,33 | 26,34  | OR5,33X078,74-90  | 5,33 | 78,74  |
| OR5,00X165,00V    | 5,00 | 165,00 | OR5,00X295,00V   | 5,00 | 295,00 | OR5,33X027,93-90 | 5,33 | 27,93  | OR5,33X078,74V    | 5,33 | 78,74  |
| OR5,00X170,00     | 5,00 | 170,00 | OR5,00X305,00    | 5,00 | 305,00 | OR5,33X029,52    | 5,33 | 29,52  | OR5,33X079,77     | 5,33 | 79,77  |
| OR5,00X170,00-90  | 5,00 | 170,00 | OR5,00X310,00    | 5,00 | 310,00 | OR5,33X029,52-90 | 5,33 | 29,52  | OR5,33X079,77V    | 5,33 | 79,77  |
| OR5,00X170,00E    | 5,00 | 170,00 | OR5,00X315,00    | 5,00 | 315,00 | OR5,33X029,52V   | 5,33 | 29,52  | OR5,33X081,92     | 5,33 | 81,92  |
| OR5,00X170,00V    | 5,00 | 170,00 | OR5,00X320,00    | 5,00 | 320,00 | OR5,33X031,12-90 | 5,33 | 31,12  | OR5,33X081,92-90  | 5,33 | 81,92  |
| OR5,00X175,00     | 5,00 | 175,00 | OR5,00X320,00V   | 5,00 | 320,00 | OR5,33X032,69    | 5,33 | 32,69  | OR5,33X081,92V    | 5,33 | 81,92  |
| OR5,00X175,00S    | 5,00 | 175,00 | OR5,00X325,00    | 5,00 | 325,00 | OR5,33X032,69V   | 5,33 | 32,69  | OR5,33X085,09     | 5,33 | 85,09  |
| OR5,00X176,00     | 5,00 | 176,00 | OR5,00X330,00    | 5,00 | 330,00 | OR5,33X034,29    | 5,33 | 34,29  | OR5,33X085,09-90  | 5,33 | 85,09  |
| OR5,00X180,00     | 5,00 | 180,00 | OR5,00X340,00    | 5,00 | 340,00 | OR5,33X034,29V   | 5,33 | 34,29  | OR5,33X085,09E    | 5,33 | 85,09  |
| OR5,00X180,00-90  | 5,00 | 180,00 | OR5,00X340,00-90 | 5,00 | 340,00 | OR5,33X035,40-90 | 5,33 | 35,40  | OR5,33X085,09V    | 5,33 | 85,09  |
| OR5,00X180,00V    | 5,00 | 180,00 | OR5,00X345,00    | 5,00 | 345,00 | OR5,33X037,46E   | 5,33 | 37,46  | OR5,33X088,27     | 5,33 | 88,27  |
| OR5,00X185,00     | 5,00 | 185,00 | OR5,00X355,00    | 5,00 | 355,00 | OR5,33X037,47    | 5,33 | 37,47  | OR5,33X088,27V    | 5,33 | 88,27  |
| OR5,00X185,00-90  | 5,00 | 185,00 | OR5,00X360,00V   | 5,00 | 360,00 | OR5,33X037,47-90 | 5,33 | 37,47  | OR5,33X089,69     | 5,33 | 89,69  |
| OR5,00X189,00     | 5,00 | 189,00 | OR5,00X370,00    | 5,00 | 370,00 | OR5,33X037,47V   | 5,33 | 37,47  | OR5,33X089,69-90  | 5,33 | 89,69  |
| OR5,00X190,00     | 5,00 | 190,00 | OR5,00X376,00    | 5,00 | 376,00 | OR5,33X040,65    | 5,33 | 40,65  | OR5,33X089,69V    | 5,33 | 89,69  |
| OR5,00X190,00-90  | 5,00 | 190,00 | OR5,00X377,00    | 5,00 | 377,00 | OR5,33X040,65-90 | 5,33 | 40,65  | OR5,33X091,44     | 5,33 | 91,44  |
| OR5,00X190,00V    | 5,00 | 190,00 | OR5,00X390,00    | 5,00 | 390,00 | OR5,33X040,65V   | 5,33 | 40,65  | OR5,33X091,44-90  | 5,33 | 91,44  |
| OR5,00X195,00     | 5,00 | 195,00 | OR5,00X400,00    | 5,00 | 400,00 | OR5,33X043,82    | 5,33 | 43,82  | OR5,33X091,44V    | 5,33 | 91,44  |
| OR5,00X196,00     | 5,00 | 196,00 | OR5,00X407,00-90 | 5,00 | 407,00 | OR5,33X043,82-90 | 5,33 | 43,82  | OR5,33X094,60V    | 5,33 | 94,60  |
| OR5,00X200,00     | 5,00 | 200,00 | OR5,00X410,00    | 5,00 | 410,00 | OR5,33X043,82E   | 5,33 | 43,82  | OR5,33X094,62     | 5,33 | 94,62  |
| OR5,00X200,00E    | 5,00 | 200,00 | OR5,00X424,00    | 5,00 | 424,00 | OR5,33X043,82V   | 5,33 | 43,82  | OR5,33X094,62-90  | 5,33 | 94,62  |
| OR5,00X200,00V    | 5,00 | 200,00 | OR5,00X430,00    | 5,00 | 430,00 | OR5,33X045,00    | 5,33 | 45,00  | OR5,33X094,62V    | 5,33 | 94,62  |
| OR5,00X204,00     | 5,00 | 204,00 | OR5,00X432,00    | 5,00 | 432,00 | OR5,33X047,00    | 5,33 | 47,00  | OR5,33X097,79     | 5,33 | 97,79  |
| OR5,00X205,00     | 5,00 | 205,00 | OR5,00X435,00V   | 5,00 | 435,00 | OR5,33X047,00E   | 5,33 | 47,00  | OR5,33X097,79-90  | 5,33 | 97,79  |
| OR5,00X205,00V    | 5,00 | 205,00 | OR5,00X440,00    | 5,00 | 440,00 | OR5,33X047,00V   | 5,33 | 47,00  | OR5,33X097,79V    | 5,33 | 97,79  |
| OR5,00X210,00     | 5,00 | 210,00 | OR5,00X445,00    | 5,00 | 445,00 | OR5,33X050,16    | 5,33 | 50,16  | OR5,33X100,97     | 5,33 | 100,97 |
| OR5,00X215,00     | 5,00 | 215,00 | OR5,00X472,00    | 5,00 | 472,00 | OR5,33X050,16-90 | 5,33 | 50,16  | OR5,33X100,97-90  | 5,33 | 100,97 |
| OR5,00X220,00     | 5,00 | 220,00 | OR5,00X480,00-90 | 5,00 | 480,00 | OR5,33X050,16V   | 5,33 | 50,16  | OR5,33X100,97V    | 5,33 | 100,97 |
| OR5,00X220,00-90  | 5,00 | 220,00 | OR5,00X485,00    | 5,00 | 485,00 | OR5,33X053,33E   | 5,33 | 53,33  | OR5,33X101,00E    | 5,33 | 101,00 |
| OR5,00X225,00     | 5,00 | 225,00 | OR5,00X500,00-90 | 5,00 | 500,00 | OR5,33X053,34    | 5,33 | 53,34  | OR5,33X104,14     | 5,33 | 104,14 |
| OR5,00X230,00     | 5,00 | 230,00 | OR5,00X500,00V   | 5,00 | 500,00 | OR5,33X053,34-90 | 5,33 | 53,34  | OR5,33X104,14-90  | 5,33 | 104,14 |
| OR5,00X230,00-90  | 5,00 | 230,00 | OR5,00X510,00    | 5,00 | 510,00 | OR5,33X053,34V   | 5,33 | 53,34  | OR5,33X104,14V    | 5,33 | 104,14 |
| OR5,00X230,00V    | 5,00 | 230,00 | OR5,00X515,00V   | 5,00 | 515,00 | OR5,33X056,50E   | 5,33 | 56,50  | OR5,33X107,32     | 5,33 | 107,32 |
| OR5,00X235,00     | 5,00 | 235,00 | OR5,00X530,00V   | 5,00 | 530,00 | OR5,33X056,52    | 5,33 | 56,52  | OR5,33X107,32-90  | 5,33 | 107,32 |
| OR5,00X238,00V    | 5,00 | 238,00 | OR5,00X560,00    | 5,00 | 560,00 | OR5,33X056,52-90 | 5,33 | 56,52  | OR5,33X107,32V    | 5,33 | 107,32 |
| OR5,00X240,00     | 5,00 | 240,00 | OR5,00X570,00E   | 5,00 | 570,00 | OR5,33X056,52V   | 5,33 | 56,52  | OR5,33X109,50     | 5,33 | 109,50 |
| OR5,00X242,00     | 5,00 | 242,00 | OR5,00X580,00V   | 5,00 | 580,00 | OR5,33X058,00    | 5,33 | 58,00  | OR5,33X110,49     | 5,33 | 110,49 |
| OR5,00X245,00     | 5,00 | 245,00 | OR5,00X632,00    | 5,00 | 632,00 | OR5,33X058,97    | 5,33 | 58,97  | OR5,33X110,49-90  | 5,33 | 110,49 |
| OR5,00X248,00     | 5,00 | 248,00 | OR5,00X810,00    | 5,00 | 810,00 | OR5,33X059,69    | 5,33 | 59,69  | OR5,33X110,49V    | 5,33 | 110,49 |

|                  |      |        |                  |      |        |                  |      |       |                  |      |        |
|------------------|------|--------|------------------|------|--------|------------------|------|-------|------------------|------|--------|
| OR5,33X113,67    | 5,33 | 113,67 | OR5,33X202,57    | 5,33 | 202,57 | OR5,70X037,20-90 | 5,70 | 37,20 | OR5,70X079,20S   | 5,70 | 79,20  |
| OR5,33X113,67-90 | 5,33 | 113,67 | OR5,33X202,57E   | 5,33 | 202,57 | OR5,70X039,20    | 5,70 | 39,20 | OR5,70X079,20V   | 5,70 | 79,20  |
| OR5,33X113,67E   | 5,33 | 113,67 | OR5,33X208,92    | 5,33 | 208,92 | OR5,70X039,20-90 | 5,70 | 39,20 | OR5,70X081,20    | 5,70 | 81,20  |
| OR5,33X113,67V   | 5,33 | 113,67 | OR5,33X208,92-90 | 5,33 | 208,92 | OR5,70X039,20V   | 5,70 | 39,20 | OR5,70X081,20-90 | 5,70 | 81,20  |
| OR5,33X116,84    | 5,33 | 116,84 | OR5,33X208,92E   | 5,33 | 208,92 | OR5,70X041,20    | 5,70 | 41,20 | OR5,70X082,20    | 5,70 | 82,20  |
| OR5,33X116,84V   | 5,33 | 116,84 | OR5,33X208,92V   | 5,33 | 208,92 | OR5,70X041,20E   | 5,70 | 41,20 | OR5,70X082,20-90 | 5,70 | 82,20  |
| OR5,33X117,48V   | 5,33 | 117,48 | OR5,33X215,27    | 5,33 | 215,27 | OR5,70X041,20V   | 5,70 | 41,20 | OR5,70X084,20    | 5,70 | 84,20  |
| OR5,33X117,50    | 5,33 | 117,50 | OR5,33X221,62    | 5,33 | 221,62 | OR5,70X044,20    | 5,70 | 44,20 | OR5,70X084,20-90 | 5,70 | 84,20  |
| OR5,33X120,02    | 5,33 | 120,02 | OR5,33X227,97    | 5,33 | 227,97 | OR5,70X044,20-90 | 5,70 | 44,20 | OR5,70X084,20S   | 5,70 | 84,20  |
| OR5,33X120,02-90 | 5,33 | 120,02 | OR5,33X227,97V   | 5,33 | 227,97 | OR5,70X044,20V   | 5,70 | 44,20 | OR5,70X084,20V   | 5,70 | 84,20  |
| OR5,33X120,02E   | 5,33 | 120,02 | OR5,33X234,32    | 5,33 | 234,32 | OR5,70X047,20    | 5,70 | 47,20 | OR5,70X087,20    | 5,70 | 87,20  |
| OR5,33X120,74    | 5,33 | 120,74 | OR5,33X234,32V   | 5,33 | 234,32 | OR5,70X047,20V   | 5,70 | 47,20 | OR5,70X087,20-90 | 5,70 | 87,20  |
| OR5,33X123,19    | 5,33 | 123,19 | OR5,33X240,67    | 5,33 | 240,67 | OR5,70X049,20    | 5,70 | 49,20 | OR5,70X087,20E   | 5,70 | 87,20  |
| OR5,33X123,19-90 | 5,33 | 123,19 | OR5,33X240,67E   | 5,33 | 240,67 | OR5,70X049,20-90 | 5,70 | 49,20 | OR5,70X087,20V   | 5,70 | 87,20  |
| OR5,33X123,80    | 5,33 | 123,80 | OR5,33X240,67V   | 5,33 | 240,67 | OR5,70X049,20E   | 5,70 | 49,20 | OR5,70X089,20    | 5,70 | 89,20  |
| OR5,33X126,37    | 5,33 | 126,37 | OR5,33X247,02V   | 5,33 | 247,02 | OR5,70X049,20V   | 5,70 | 49,20 | OR5,70X089,20-90 | 5,70 | 89,20  |
| OR5,33X126,37-90 | 5,33 | 126,37 | OR5,33X253,37    | 5,33 | 253,37 | OR5,70X051,20    | 5,70 | 51,20 | OR5,70X089,20E   | 5,70 | 89,20  |
| OR5,33X126,37V   | 5,33 | 126,37 | OR5,33X253,37E   | 5,33 | 253,37 | OR5,70X051,20-90 | 5,70 | 51,20 | OR5,70X089,20S   | 5,70 | 89,20  |
| OR5,33X129,54    | 5,33 | 129,54 | OR5,33X253,57V   | 5,33 | 253,57 | OR5,70X052,20    | 5,70 | 52,20 | OR5,70X089,20V   | 5,70 | 89,20  |
| OR5,33X129,54-90 | 5,33 | 129,54 | OR5,33X258,00    | 5,33 | 258,00 | OR5,70X052,20-90 | 5,70 | 52,20 | OR5,70X091,20V   | 5,70 | 91,20  |
| OR5,33X129,54V   | 5,33 | 129,54 | OR5,33X266,07    | 5,33 | 266,07 | OR5,70X054,20    | 5,70 | 54,20 | OR5,70X092,20    | 5,70 | 92,20  |
| OR5,33X130,18    | 5,33 | 130,18 | OR5,33X266,07-90 | 5,33 | 266,07 | OR5,70X054,20-90 | 5,70 | 54,20 | OR5,70X092,20-90 | 5,70 | 92,20  |
| OR5,33X130,18-90 | 5,33 | 130,18 | OR5,33X266,07V   | 5,33 | 266,07 | OR5,70X054,20S   | 5,70 | 54,20 | OR5,70X094,20    | 5,70 | 94,20  |
| OR5,33X130,18V   | 5,33 | 130,18 | OR5,33X278,77    | 5,33 | 278,77 | OR5,70X054,20V   | 5,70 | 54,20 | OR5,70X094,20-90 | 5,70 | 94,20  |
| OR5,33X132,72    | 5,33 | 132,72 | OR5,33X278,77V   | 5,33 | 278,77 | OR5,70X057,20    | 5,70 | 57,20 | OR5,70X094,20V   | 5,70 | 94,20  |
| OR5,33X132,72E   | 5,33 | 132,72 | OR5,33X290,00    | 5,33 | 290,00 | OR5,70X057,20E   | 5,70 | 57,20 | OR5,70X097,20    | 5,70 | 97,20  |
| OR5,33X132,72V   | 5,33 | 132,72 | OR5,33X291,47    | 5,33 | 291,47 | OR5,70X057,20S   | 5,70 | 57,20 | OR5,70X097,20-90 | 5,70 | 97,20  |
| OR5,33X135,89V   | 5,33 | 135,89 | OR5,33X304,17    | 5,33 | 304,17 | OR5,70X057,20V   | 5,70 | 57,20 | OR5,70X097,20V   | 5,70 | 97,20  |
| OR5,33X135,90    | 5,33 | 135,90 | OR5,33X304,17V   | 5,33 | 304,17 | OR5,70X059,20    | 5,70 | 59,20 | OR5,70X099,20    | 5,70 | 99,20  |
| OR5,33X135,90-90 | 5,33 | 135,90 | OR5,33X325,00    | 5,33 | 325,00 | OR5,70X059,20-90 | 5,70 | 59,20 | OR5,70X099,20-90 | 5,70 | 99,20  |
| OR5,33X136,53    | 5,33 | 136,53 | OR5,33X325,00V   | 5,33 | 325,00 | OR5,70X059,20E   | 5,70 | 59,20 | OR5,70X099,20V   | 5,70 | 99,20  |
| OR5,33X136,53V   | 5,33 | 136,53 | OR5,33X329,57    | 5,33 | 329,57 | OR5,70X059,20V   | 5,70 | 59,20 | OR5,70X101,20    | 5,70 | 101,20 |
| OR5,33X139,06    | 5,33 | 139,06 | OR5,33X329,57H   | 5,33 | 329,57 | OR5,70X061,20    | 5,70 | 61,20 | OR5,70X104,20    | 5,70 | 104,20 |
| OR5,33X139,06-90 | 5,33 | 139,06 | OR5,33X329,57V   | 5,33 | 329,57 | OR5,70X061,20-90 | 5,70 | 61,20 | OR5,70X104,20-90 | 5,70 | 104,20 |
| OR5,33X142,24    | 5,33 | 142,24 | OR5,33X342,00    | 5,33 | 342,00 | OR5,70X062,20    | 5,70 | 62,20 | OR5,70X104,20E   | 5,70 | 104,20 |
| OR5,33X142,24V   | 5,33 | 142,24 | OR5,33X354,97    | 5,33 | 354,97 | OR5,70X062,20-90 | 5,70 | 62,20 | OR5,70X104,20V   | 5,70 | 104,20 |
| OR5,33X145,41    | 5,33 | 145,41 | OR5,33X354,97-90 | 5,33 | 354,97 | OR5,70X062,20E   | 5,70 | 62,20 | OR5,70X109,20    | 5,70 | 109,20 |
| OR5,33X145,41V   | 5,33 | 145,41 | OR5,33X354,97S   | 5,33 | 354,97 | OR5,70X062,20V   | 5,70 | 62,20 | OR5,70X109,20-90 | 5,70 | 109,20 |
| OR5,33X146,05    | 5,33 | 146,05 | OR5,33X368,30    | 5,33 | 368,30 | OR5,70X064,20    | 5,70 | 64,20 | OR5,70X109,20V   | 5,70 | 109,20 |
| OR5,33X148,60    | 5,33 | 148,60 | OR5,33X380,37    | 5,33 | 380,37 | OR5,70X064,20-90 | 5,70 | 64,20 | OR5,70X111,60V   | 5,70 | 111,60 |
| OR5,33X148,60V   | 5,33 | 148,60 | OR5,33X389,00    | 5,33 | 389,00 | OR5,70X064,20E   | 5,70 | 64,20 | OR5,70X114,20    | 5,70 | 114,20 |
| OR5,33X151,77    | 5,33 | 151,77 | OR5,33X399,42    | 5,33 | 399,42 | OR5,70X064,20V   | 5,70 | 64,20 | OR5,70X114,20-90 | 5,70 | 114,20 |
| OR5,33X151,77-90 | 5,33 | 151,77 | OR5,33X399,42V   | 5,33 | 399,42 | OR5,70X067,20    | 5,70 | 67,20 | OR5,70X114,20E   | 5,70 | 114,20 |
| OR5,33X158,12    | 5,33 | 158,12 | OR5,33X405,26    | 5,33 | 405,26 | OR5,70X067,20E   | 5,70 | 67,20 | OR5,70X114,20V   | 5,70 | 114,20 |
| OR5,33X164,47    | 5,33 | 164,47 | OR5,33X430,66    | 5,33 | 430,66 | OR5,70X067,20V   | 5,70 | 67,20 | OR5,70X119,30    | 5,70 | 119,30 |
| OR5,33X164,47-90 | 5,33 | 164,47 | OR5,33X430,66S   | 5,33 | 430,66 | OR5,70X069,20    | 5,70 | 69,20 | OR5,70X119,30-90 | 5,70 | 119,30 |
| OR5,33X164,47V   | 5,33 | 164,47 | OR5,33X439,34    | 5,33 | 439,34 | OR5,70X069,20-90 | 5,70 | 69,20 | OR5,70X119,30V   | 5,70 | 119,30 |
| OR5,33X167,70    | 5,33 | 167,70 | OR5,33X456,06    | 5,33 | 456,06 | OR5,70X069,20V   | 5,70 | 69,20 | OR5,70X124,30    | 5,70 | 124,30 |
| OR5,33X170,82    | 5,33 | 170,82 | OR5,33X532,18    | 5,33 | 532,18 | OR5,70X071,20    | 5,70 | 71,20 | OR5,70X124,30-90 | 5,70 | 124,30 |
| OR5,33X170,82-90 | 5,33 | 170,82 | OR5,33X570,00V   | 5,33 | 570,00 | OR5,70X072,20    | 5,70 | 72,20 | OR5,70X124,30E   | 5,70 | 124,30 |
| OR5,33X177,17    | 5,33 | 177,17 | OR5,33X582,68V   | 5,33 | 582,68 | OR5,70X074,20    | 5,70 | 74,20 | OR5,70X124,30V   | 5,70 | 124,30 |
| OR5,33X177,17-90 | 5,33 | 177,17 | OR5,33X597,03V   | 5,33 | 597,03 | OR5,70X074,20-90 | 5,70 | 74,20 | OR5,70X129,30    | 5,70 | 129,30 |
| OR5,33X183,52    | 5,33 | 183,52 | OR5,33X658,00V   | 5,33 | 658,00 | OR5,70X074,20E   | 5,70 | 74,20 | OR5,70X129,30-90 | 5,70 | 129,30 |
| OR5,33X183,52V   | 5,33 | 183,52 | OR5,50X048,00V   | 5,50 | 48,00  | OR5,70X074,20V   | 5,70 | 74,20 | OR5,70X129,30S   | 5,70 | 129,30 |
| OR5,33X189,87    | 5,33 | 189,87 | OR5,50X090,00    | 5,50 | 90,00  | OR5,70X077,20    | 5,70 | 77,20 | OR5,70X129,30V   | 5,70 | 129,30 |
| OR5,33X189,87-90 | 5,33 | 189,87 | OR5,50X135,00    | 5,50 | 135,00 | OR5,70X077,20-90 | 5,70 | 77,20 | OR5,70X131,20    | 5,70 | 131,20 |
| OR5,33X189,87E   | 5,33 | 189,87 | OR5,70X032,00    | 5,70 | 32,00  | OR5,70X077,20V   | 5,70 | 77,20 | OR5,70X134,20    | 5,70 | 134,20 |
| OR5,33X189,87V   | 5,33 | 189,87 | OR5,70X032,00E   | 5,70 | 32,00  | OR5,70X079,20    | 5,70 | 79,20 | OR5,70X134,20-90 | 5,70 | 134,20 |
| OR5,33X196,22    | 5,33 | 196,22 | OR5,70X035,20    | 5,70 | 35,20  | OR5,70X079,20-90 | 5,70 | 79,20 | OR5,70X134,20V   | 5,70 | 134,20 |
| OR5,33X196,22V   | 5,33 | 196,22 | OR5,70X037,20    | 5,70 | 37,20  | OR5,70X079,20E   | 5,70 | 79,20 | OR5,70X139,20    | 5,70 | 139,20 |

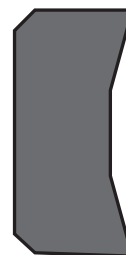
|                   |      |        |                  |      |        |                  |      |          |                  |      |        |
|-------------------|------|--------|------------------|------|--------|------------------|------|----------|------------------|------|--------|
| OR5,70X139,20-90  | 5,70 | 139,20 | OR5,70X229,20    | 5,70 | 229,20 | OR5,70X429,30    | 5,70 | 429,30   | OR6,00X108,00    | 6,00 | 108,00 |
| OR5,70X139,20E    | 5,70 | 139,20 | OR5,70X229,20-90 | 5,70 | 229,20 | OR5,70X439,30    | 5,70 | 439,30   | OR6,00X110,00    | 6,00 | 110,00 |
| OR5,70X139,20V    | 5,70 | 139,20 | OR5,70X229,20V   | 5,70 | 229,20 | OR5,70X449,30    | 5,70 | 449,30   | OR6,00X115,00    | 6,00 | 115,00 |
| OR5,70X144,30     | 5,70 | 144,30 | OR5,70X234,30    | 5,70 | 234,30 | OR5,70X449,30V   | 5,70 | 449,30   | OR6,00X115,00-90 | 6,00 | 115,00 |
| OR5,70X144,30-90  | 5,70 | 144,30 | OR5,70X239,30    | 5,70 | 239,30 | OR5,70X459,30    | 5,70 | 459,30   | OR6,00X120,00    | 6,00 | 120,00 |
| OR5,70X144,30PTFE | 5,70 | 144,30 | OR5,70X239,30-90 | 5,70 | 239,30 | OR5,70X459,30E   | 5,70 | 459,30   | OR6,00X125,00    | 6,00 | 125,00 |
| OR5,70X144,30V    | 5,70 | 144,30 | OR5,70X239,30E   | 5,70 | 239,30 | OR5,70X465,30    | 5,70 | 465,30   | OR6,00X128,00    | 6,00 | 128,00 |
| OR5,70X148,20     | 5,70 | 148,20 | OR5,70X239,30V   | 5,70 | 239,30 | OR5,70X469,30    | 5,70 | 469,30   | OR6,00X128,00V   | 6,00 | 128,00 |
| OR5,70X149,30     | 5,70 | 149,30 | OR5,70X244,30    | 5,70 | 244,30 | OR5,70X474,30    | 5,70 | 474,30   | OR6,00X130,00    | 6,00 | 130,00 |
| OR5,70X149,30-90  | 5,70 | 149,30 | OR5,70X244,30-90 | 5,70 | 244,30 | OR5,70X474,30-90 | 5,70 | 474,30   | OR6,00X132,00    | 6,00 | 132,00 |
| OR5,70X149,30S    | 5,70 | 149,30 | OR5,70X244,30V   | 5,70 | 244,30 | OR5,70X479,30    | 5,70 | 479,30   | OR6,00X135,00    | 6,00 | 135,00 |
| OR5,70X149,30V    | 5,70 | 149,30 | OR5,70X249,20    | 5,70 | 249,20 | OR5,70X489,20    | 5,70 | 489,20   | OR6,00X138,00    | 6,00 | 138,00 |
| OR5,70X154,30     | 5,70 | 154,30 | OR5,70X249,20-90 | 5,70 | 249,20 | OR5,70X499,20    | 5,70 | 499,20   | OR6,00X142,00    | 6,00 | 142,00 |
| OR5,70X154,30-90  | 5,70 | 154,30 | OR5,70X249,20V   | 5,70 | 249,20 | OR5,70X510,00    | 5,70 | 510,00   | OR6,00X145,00    | 6,00 | 145,00 |
| OR5,70X154,30V    | 5,70 | 154,30 | OR5,70X249,30E   | 5,70 | 249,30 | OR5,70X519,00V   | 5,70 | 519,00   | OR6,00X145,00V   | 6,00 | 145,00 |
| OR5,70X159,30     | 5,70 | 159,30 | OR5,70X259,30    | 5,70 | 259,30 | OR5,70X519,30    | 5,70 | 519,30   | OR6,00X148,00    | 6,00 | 148,00 |
| OR5,70X159,30-90  | 5,70 | 159,30 | OR5,70X259,30-90 | 5,70 | 259,30 | OR5,70X529,00    | 5,70 | 529,00   | OR6,00X148,00V   | 6,00 | 148,00 |
| OR5,70X159,30E    | 5,70 | 159,30 | OR5,70X259,30V   | 5,70 | 259,30 | OR5,70X530,00    | 5,70 | 530,00   | OR6,00X150,00    | 6,00 | 150,00 |
| OR5,70X159,30V    | 5,70 | 159,30 | OR5,70X269,30    | 5,70 | 269,30 | OR5,70X548,00    | 5,70 | 548,00   | OR6,00X150,00E   | 6,00 | 150,00 |
| OR5,70X164,30     | 5,70 | 164,30 | OR5,70X269,30-90 | 5,70 | 269,30 | OR5,70X554,30    | 5,70 | 554,30   | OR6,00X150,00V   | 6,00 | 150,00 |
| OR5,70X164,30-90  | 5,70 | 164,30 | OR5,70X269,30V   | 5,70 | 269,30 | OR5,70X565,00    | 5,70 | 565,00   | OR6,00X155,00    | 6,00 | 155,00 |
| OR5,70X164,30V    | 5,70 | 164,30 | OR5,70X279,30    | 5,70 | 279,30 | OR5,70X574,00    | 5,70 | 574,00   | OR6,00X155,00-90 | 6,00 | 155,00 |
| OR5,70X164,3S     | 5,70 | 164,30 | OR5,70X279,30-90 | 5,70 | 279,30 | OR5,70X580,00    | 5,70 | 580,00   | OR6,00X159,00    | 6,00 | 159,00 |
| OR5,70X169,30     | 5,70 | 169,30 | OR5,70X279,30V   | 5,70 | 279,30 | OR5,70X580,00E   | 5,70 | 580,00   | OR6,00X165,00    | 6,00 | 165,00 |
| OR5,70X169,30-90  | 5,70 | 169,30 | OR5,70X289,30    | 5,70 | 289,30 | OR5,70X610,00    | 5,70 | 610,00   | OR6,00X170,00    | 6,00 | 170,00 |
| OR5,70X169,30E    | 5,70 | 169,30 | OR5,70X289,30-90 | 5,70 | 289,30 | OR5,70X629,30    | 5,70 | 629,30   | OR6,00X175,00    | 6,00 | 175,00 |
| OR5,70X169,30V    | 5,70 | 169,30 | OR5,70X289,30V   | 5,70 | 289,30 | OR5,70X650,00    | 5,70 | 650,00   | OR6,00X180,00    | 6,00 | 180,00 |
| OR5,70X174,30     | 5,70 | 174,30 | OR5,70X299,30    | 5,70 | 299,30 | OR5,70X725,00    | 5,70 | 725,00   | OR6,00X185,00    | 6,00 | 185,00 |
| OR5,70X174,30-90  | 5,70 | 174,30 | OR5,70X299,30E   | 5,70 | 299,30 | OR5,70X759,00E   | 5,70 | 759,00   | OR6,00X190,00    | 6,00 | 190,00 |
| OR5,70X174,30V    | 5,70 | 174,30 | OR5,70X299,30V   | 5,70 | 299,30 | OR5,70X824,00    | 5,70 | 824,00   | OR6,00X190,00V   | 6,00 | 190,00 |
| OR5,70X179,30     | 5,70 | 179,30 | OR5,70X309,20    | 5,70 | 309,20 | OR5,70X1297,00   | 5,70 | 1 297,00 | OR6,00X193,00    | 6,00 | 193,00 |
| OR5,70X179,30-90  | 5,70 | 179,30 | OR5,70X309,20-90 | 5,70 | 309,20 | OR6,00X010,00    | 6,00 | 10,00    | OR6,00X195,00    | 6,00 | 195,00 |
| OR5,70X179,30V    | 5,70 | 179,30 | OR5,70X314,30    | 5,70 | 314,30 | OR6,00X017,00    | 6,00 | 17,00    | OR6,00X200,00    | 6,00 | 200,00 |
| OR5,70X184,30     | 5,70 | 184,30 | OR5,70X319,30    | 5,70 | 319,30 | OR6,00X020,00    | 6,00 | 20,00    | OR6,00X210,00    | 6,00 | 210,00 |
| OR5,70X184,30V    | 5,70 | 184,30 | OR5,70X319,30E   | 5,70 | 319,30 | OR6,00X023,00    | 6,00 | 23,00    | OR6,00X210,00-90 | 6,00 | 210,00 |
| OR5,70X189,30     | 5,70 | 189,30 | OR5,70X324,30    | 5,70 | 324,30 | OR6,00X024,00    | 6,00 | 24,00    | OR6,00X220,00    | 6,00 | 220,00 |
| OR5,70X189,30-90  | 5,70 | 189,30 | OR5,70X329,30    | 5,70 | 329,30 | OR6,00X025,00    | 6,00 | 25,00    | OR6,00X225,00    | 6,00 | 225,00 |
| OR5,70X189,30V    | 5,70 | 189,30 | OR5,70X329,30V   | 5,70 | 329,30 | OR6,00X025,00E   | 6,00 | 25,00    | OR6,00X230,00    | 6,00 | 230,00 |
| OR5,70X194,30     | 5,70 | 194,30 | OR5,70X339,30    | 5,70 | 339,30 | OR6,00X029,00    | 6,00 | 29,00    | OR6,00X235,00    | 6,00 | 235,00 |
| OR5,70X194,30-90  | 5,70 | 194,30 | OR5,70X339,30-90 | 5,70 | 339,30 | OR6,00X030,00    | 6,00 | 30,00    | OR6,00X238,00    | 6,00 | 238,00 |
| OR5,70X194,30PTFE | 5,70 | 194,30 | OR5,70X349,20    | 5,70 | 349,20 | OR6,00X038,00    | 6,00 | 38,00    | OR6,00X240,00    | 6,00 | 240,00 |
| OR5,70X194,30V    | 5,70 | 194,30 | OR5,70X349,20-90 | 5,70 | 349,20 | OR6,00X040,00    | 6,00 | 40,00    | OR6,00X247,00    | 6,00 | 247,00 |
| OR5,70X199,30     | 5,70 | 199,30 | OR5,70X349,20V   | 5,70 | 349,20 | OR6,00X040,00E   | 6,00 | 40,00    | OR6,00X247,00-90 | 6,00 | 247,00 |
| OR5,70X199,30-90  | 5,70 | 199,30 | OR5,70X354,30    | 5,70 | 354,30 | OR6,00X040,00V   | 6,00 | 40,00    | OR6,00X260,00    | 6,00 | 260,00 |
| OR5,70X199,30E    | 5,70 | 199,30 | OR5,70X354,30V   | 5,70 | 354,30 | OR6,00X050,00    | 6,00 | 50,00    | OR6,00X260,00V   | 6,00 | 260,00 |
| OR5,70X199,30PTFE | 5,70 | 199,30 | OR5,70X359,20E   | 5,70 | 359,20 | OR6,00X055,00    | 6,00 | 55,00    | OR6,00X275,00    | 6,00 | 275,00 |
| OR5,70X199,30V    | 5,70 | 199,30 | OR5,70X359,30    | 5,70 | 359,30 | OR6,00X060,00    | 6,00 | 60,00    | OR6,00X280,00    | 6,00 | 280,00 |
| OR5,70X204,20     | 5,70 | 204,20 | OR5,70X369,30    | 5,70 | 369,30 | OR6,00X065,00    | 6,00 | 65,00    | OR6,00X300,00    | 6,00 | 300,00 |
| OR5,70X204,20-90  | 5,70 | 204,20 | OR5,70X369,30-90 | 5,70 | 369,30 | OR6,00X066,00    | 6,00 | 66,00    | OR6,00X310,00-90 | 6,00 | 310,00 |
| OR5,70X209,30     | 5,70 | 209,30 | OR5,70X374,30    | 5,70 | 374,30 | OR6,00X070,00    | 6,00 | 70,00    | OR6,00X315,00    | 6,00 | 315,00 |
| OR5,70X209,30-90  | 5,70 | 209,30 | OR5,70X379,20    | 5,70 | 379,20 | OR6,00X070,00V   | 6,00 | 70,00    | OR6,00X330,00    | 6,00 | 330,00 |
| OR5,70X209,30E    | 5,70 | 209,30 | OR5,70X379,20V   | 5,70 | 379,20 | OR6,00X080,00    | 6,00 | 80,00    | OR6,00X330,00V   | 6,00 | 330,00 |
| OR5,70X209,30V    | 5,70 | 209,30 | OR5,70X384,30    | 5,70 | 384,30 | OR6,00X084,00    | 6,00 | 84,00    | OR6,00X340,00    | 6,00 | 340,00 |
| OR5,70X214,30     | 5,70 | 214,30 | OR5,70X389,30    | 5,70 | 389,30 | OR6,00X085,00    | 6,00 | 85,00    | OR6,00X340,00V   | 6,00 | 340,00 |
| OR5,70X214,30-90  | 5,70 | 214,30 | OR5,70X399,20    | 5,70 | 399,20 | OR6,00X090,00    | 6,00 | 90,00    | OR6,00X345,00    | 6,00 | 345,00 |
| OR5,70X219,30     | 5,70 | 219,30 | OR5,70X409,30    | 5,70 | 409,30 | OR6,00X090,00V   | 6,00 | 90,00    | OR6,00X350,00    | 6,00 | 350,00 |
| OR5,70X219,30-90  | 5,70 | 219,30 | OR5,70X414,30    | 5,70 | 414,30 | OR6,00X095,00    | 6,00 | 95,00    | OR6,00X365,00    | 6,00 | 365,00 |
| OR5,70X219,30E    | 5,70 | 219,30 | OR5,70X414,30V   | 5,70 | 414,30 | OR6,00X100,00    | 6,00 | 100,00   | OR6,00X368,00    | 6,00 | 368,00 |
| OR5,70X219,30V    | 5,70 | 219,30 | OR5,70X419,30    | 5,70 | 419,30 | OR6,00X100,00V   | 6,00 | 100,00   | OR6,00X399,00    | 6,00 | 399,00 |
| OR5,70X224,30     | 5,70 | 224,30 | OR5,70X419,30V   | 5,70 | 419,30 | OR6,00X105,00    | 6,00 | 105,00   | OR6,00X400,00    | 6,00 | 400,00 |

|                  |      |        |                  |      |        |                  |      |        |                  |      |          |
|------------------|------|--------|------------------|------|--------|------------------|------|--------|------------------|------|----------|
| OR6,00X439,00    | 6,00 | 439,00 | OR6,99X164,47S   | 6,99 | 164,47 | OR6,99X329,57V   | 6,99 | 329,57 | OR7,00X212,00    | 7,00 | 212,00   |
| OR6,00X474,00    | 6,00 | 474,00 | OR6,99X166,70    | 6,99 | 166,70 | OR6,99X342,27    | 6,99 | 342,27 | OR7,00X234,00E   | 7,00 | 234,00   |
| OR6,00X475,00    | 6,00 | 475,00 | OR6,99X166,70-90 | 6,99 | 166,70 | OR6,99X354,97    | 6,99 | 354,97 | OR7,00X235,00    | 7,00 | 235,00   |
| OR6,00X483,00    | 6,00 | 483,00 | OR6,99X168,28    | 6,99 | 168,28 | OR6,99X354,97V   | 6,99 | 354,97 | OR7,00X235,00V   | 7,00 | 235,00   |
| OR6,00X485,00    | 6,00 | 485,00 | OR6,99X168,28E   | 6,99 | 168,28 | OR6,99X367,67    | 6,99 | 367,67 | OR7,00X248,00    | 7,00 | 248,00   |
| OR6,00X511,00    | 6,00 | 511,00 | OR6,99X168,30V   | 6,99 | 168,30 | OR6,99X380,37    | 6,99 | 380,37 | OR7,00X250,00V   | 7,00 | 250,00   |
| OR6,00X539,00    | 6,00 | 539,00 | OR6,99X170,82    | 6,99 | 170,82 | OR6,99X393,07    | 6,99 | 393,07 | OR7,00X270,00    | 7,00 | 270,00   |
| OR6,00X540,00    | 6,00 | 540,00 | OR6,99X170,82-90 | 6,99 | 170,82 | OR6,99X405,26    | 6,99 | 405,26 | OR7,00X278,00    | 7,00 | 278,00   |
| OR6,00X570,00    | 6,00 | 570,00 | OR6,99X174,32V   | 6,99 | 174,32 | OR6,99X417,96    | 6,99 | 417,96 | OR7,00X285,10    | 7,00 | 285,10   |
| OR6,00X642,00    | 6,00 | 642,00 | OR6,99X174,60    | 6,99 | 174,60 | OR6,99X430,66    | 6,99 | 430,66 | OR7,00X320,00    | 7,00 | 320,00   |
| OR6,00X700,00    | 6,00 | 700,00 | OR6,99X177,17    | 6,99 | 177,17 | OR6,99X443,36    | 6,99 | 443,36 | OR7,00X330,00V   | 7,00 | 330,00   |
| OR6,30X212,00-90 | 6,30 | 212,00 | OR6,99X177,17E   | 6,99 | 177,17 | OR6,99X456,06    | 6,99 | 456,06 | OR7,00X337,00    | 7,00 | 337,00   |
| OR6,35X483,00    | 6,35 | 483,00 | OR6,99X177,17V   | 6,99 | 177,17 | OR6,99X468,70V   | 6,99 | 468,70 | OR7,00X380,00    | 7,00 | 380,00   |
| OR6,50X023,50    | 6,50 | 23,50  | OR6,99X183,52    | 6,99 | 183,52 | OR6,99X468,76    | 6,99 | 468,76 | OR7,00X400,00V   | 7,00 | 400,00   |
| OR6,50X048,00V   | 6,50 | 48,00  | OR6,99X187,30    | 6,99 | 187,30 | OR6,99X481,46    | 6,99 | 481,46 | OR7,00X411,00    | 7,00 | 411,00   |
| OR6,50X050,00    | 6,50 | 50,00  | OR6,99X187,30-90 | 6,99 | 187,30 | OR6,99X494,16    | 6,99 | 494,16 | OR7,00X412,00V   | 7,00 | 412,00   |
| OR6,50X062,00    | 6,50 | 62,00  | OR6,99X187,30E   | 6,99 | 187,30 | OR6,99X506,86    | 6,99 | 506,86 | OR7,00X435,00V   | 7,00 | 435,00   |
| OR6,50X152,00S   | 6,50 | 152,00 | OR6,99X189,87    | 6,99 | 189,87 | OR6,99X532,26    | 6,99 | 532,26 | OR7,00X437,00    | 7,00 | 437,00   |
| OR6,50X483,00    | 6,50 | 483,00 | OR6,99X189,87E   | 6,99 | 189,87 | OR6,99X565,90    | 6,99 | 565,90 | OR7,00X438,00    | 7,00 | 438,00   |
| OR6,99X075,56S   | 6,99 | 75,56  | OR6,99X192,22    | 6,99 | 192,22 | OR6,99X596,27    | 6,99 | 596,27 | OR7,00X462,00    | 7,00 | 462,00   |
| OR6,99X078,74V   | 6,99 | 78,74  | OR6,99X193,70    | 6,99 | 193,70 | OR6,99X596,27V   | 6,99 | 596,27 | OR7,00X475,00    | 7,00 | 475,00   |
| OR6,99X100,97V   | 6,99 | 100,97 | OR6,99X196,22    | 6,99 | 196,22 | OR6,99X608,08    | 6,99 | 608,08 | OR7,00X476,00    | 7,00 | 476,00   |
| OR6,99X101,00    | 6,99 | 101,00 | OR6,99X196,22V   | 6,99 | 196,22 | OR6,99X633,48    | 6,99 | 633,48 | OR7,00X500,00    | 7,00 | 500,00   |
| OR6,99X113,67    | 6,99 | 113,67 | OR6,99X202,57    | 6,99 | 202,57 | OR6,99X633,48E   | 6,99 | 633,48 | OR7,00X532,00E   | 7,00 | 532,00   |
| OR6,99X114,70    | 6,99 | 114,70 | OR6,99X202,57E   | 6,99 | 202,57 | OR6,99X647,07    | 6,99 | 647,07 | OR7,00X545,00E   | 7,00 | 545,00   |
| OR6,99X116,84    | 6,99 | 116,84 | OR6,99X202,57V   | 6,99 | 202,57 | OR7,00X016,00    | 7,00 | 16,00  | OR7,00X556,00    | 7,00 | 556,00   |
| OR6,99X116,84-90 | 6,99 | 116,84 | OR6,99X208,92    | 6,99 | 208,92 | OR7,00X050,00    | 7,00 | 50,00  | OR7,00X557,00    | 7,00 | 557,00   |
| OR6,99X116,84V   | 6,99 | 116,84 | OR6,99X208,92E   | 6,99 | 208,92 | OR7,00X050,00E   | 7,00 | 50,00  | OR7,00X690,00    | 7,00 | 690,00   |
| OR6,99X120,02    | 6,99 | 120,02 | OR6,99X208,92V   | 6,99 | 208,92 | OR7,00X053,00    | 7,00 | 53,00  | OR7,00X1050,00   | 7,00 | 1 050,00 |
| OR6,99X120,02-90 | 6,99 | 120,02 | OR6,99X215,27    | 6,99 | 215,27 | OR7,00X057,00    | 7,00 | 57,00  | OR8,00X020,00    | 8,00 | 20,00    |
| OR6,99X123,19    | 6,99 | 123,19 | OR6,99X215,27V   | 6,99 | 215,27 | OR7,00X060,00    | 7,00 | 60,00  | OR8,00X035,00    | 8,00 | 35,00    |
| OR6,99X126,37    | 6,99 | 126,37 | OR6,99X221,62    | 6,99 | 221,62 | OR7,00X064,00    | 7,00 | 64,00  | OR8,00X038,00    | 8,00 | 38,00    |
| OR6,99X126,37V   | 6,99 | 126,37 | OR6,99X227,97    | 6,99 | 227,97 | OR7,00X070,00    | 7,00 | 70,00  | OR8,00X040,00S   | 8,00 | 40,00    |
| OR6,99X129,54    | 6,99 | 129,54 | OR6,99X227,97V   | 6,99 | 227,97 | OR7,00X072,00    | 7,00 | 72,00  | OR8,00X043,00    | 8,00 | 43,00    |
| OR6,99X129,54-90 | 6,99 | 129,54 | OR6,99X234,32    | 6,99 | 234,32 | OR7,00X078,00    | 7,00 | 78,00  | OR8,00X045,00    | 8,00 | 45,00    |
| OR6,99X129,54V   | 6,99 | 129,54 | OR6,99X234,32V   | 6,99 | 234,32 | OR7,00X079,00    | 7,00 | 79,00  | OR8,00X048,00    | 8,00 | 48,00    |
| OR6,99X132,72    | 6,99 | 132,72 | OR6,99X240,67    | 6,99 | 240,67 | OR7,00X085,00    | 7,00 | 85,00  | OR8,00X065,00    | 8,00 | 65,00    |
| OR6,99X135,90    | 6,99 | 135,90 | OR6,99X240,67-90 | 6,99 | 240,67 | OR7,00X088,00-90 | 7,00 | 88,00  | OR8,00X072,00    | 8,00 | 72,00    |
| OR6,99X135,90-90 | 6,99 | 135,90 | OR6,99X240,67V   | 6,99 | 240,67 | OR7,00X088,30    | 7,00 | 88,30  | OR8,00X076,00    | 8,00 | 76,00    |
| OR6,99X135,90V   | 6,99 | 135,90 | OR6,99X253,37    | 6,99 | 253,37 | OR7,00X090,00    | 7,00 | 90,00  | OR8,00X082,00    | 8,00 | 82,00    |
| OR6,99X139,07    | 6,99 | 139,07 | OR6,99X259,70    | 6,99 | 259,70 | OR7,00X092,00    | 7,00 | 92,00  | OR8,00X085,00V   | 8,00 | 85,00    |
| OR6,99X139,10E   | 6,99 | 139,10 | OR6,99X259,70E   | 6,99 | 259,70 | OR7,00X094,00    | 7,00 | 94,00  | OR8,00X088,00    | 8,00 | 88,00    |
| OR6,99X142,24    | 6,99 | 142,24 | OR6,99X266,07    | 6,99 | 266,07 | OR7,00X095,00    | 7,00 | 95,00  | OR8,00X095,00    | 8,00 | 95,00    |
| OR6,99X145,42    | 6,99 | 145,42 | OR6,99X266,07E   | 6,99 | 266,07 | OR7,00X098,00    | 7,00 | 98,00  | OR8,00X104,00    | 8,00 | 104,00   |
| OR6,99X145,42-90 | 6,99 | 145,42 | OR6,99X272,40    | 6,99 | 272,40 | OR7,00X100,00    | 7,00 | 100,00 | OR8,00X108,00    | 8,00 | 108,00   |
| OR6,99X145,42V   | 6,99 | 145,42 | OR6,99X272,40E   | 6,99 | 272,40 | OR7,00X100,00-90 | 7,00 | 100,00 | OR8,00X120,00    | 8,00 | 120,00   |
| OR6,99X148,60    | 6,99 | 148,60 | OR6,99X278,77    | 6,99 | 278,77 | OR7,00X100,00V   | 7,00 | 100,00 | OR8,00X125,00    | 8,00 | 125,00   |
| OR6,99X148,60-90 | 6,99 | 148,60 | OR6,99X285,12    | 6,99 | 285,12 | OR7,00X101,00    | 7,00 | 101,00 | OR8,00X130,00E   | 8,00 | 130,00   |
| OR6,99X151,77    | 6,99 | 151,77 | OR6,99X291,47    | 6,99 | 291,47 | OR7,00X108,00    | 7,00 | 108,00 | OR8,00X140,00    | 8,00 | 140,00   |
| OR6,99X151,77V   | 6,99 | 151,77 | OR6,99X291,47V   | 6,99 | 291,47 | OR7,00X110,00    | 7,00 | 110,00 | OR8,00X145,00    | 8,00 | 145,00   |
| OR6,99X155,60    | 6,99 | 155,60 | OR6,99X297,80    | 6,99 | 297,80 | OR7,00X115,00    | 7,00 | 115,00 | OR8,00X150,00    | 8,00 | 150,00   |
| OR6,99X155,60V   | 6,99 | 155,60 | OR6,99X297,80-90 | 6,99 | 297,80 | OR7,00X115,00E   | 7,00 | 115,00 | OR8,00X155,00    | 8,00 | 155,00   |
| OR6,99X158,12    | 6,99 | 158,12 | OR6,99X297,80V   | 6,99 | 297,80 | OR7,00X120,00V   | 7,00 | 120,00 | OR8,00X175,00    | 8,00 | 175,00   |
| OR6,99X158,12S   | 6,99 | 158,12 | OR6,99X304,17    | 6,99 | 304,17 | OR7,00X140,00    | 7,00 | 140,00 | OR8,00X185,00    | 8,00 | 185,00   |
| OR6,99X158,12V   | 6,99 | 158,12 | OR6,99X304,17-90 | 6,99 | 304,17 | OR7,00X142,00    | 7,00 | 142,00 | OR8,00X205,00    | 8,00 | 205,00   |
| OR6,99X159,30    | 6,99 | 159,30 | OR6,99X310,52    | 6,99 | 310,52 | OR7,00X187,00    | 7,00 | 187,00 | OR8,00X210,00    | 8,00 | 210,00   |
| OR6,99X159,50    | 6,99 | 159,50 | OR6,99X316,87    | 6,99 | 316,87 | OR7,00X200,00    | 7,00 | 200,00 | OR8,00X220,00    | 8,00 | 220,00   |
| OR6,99X161,90    | 6,99 | 161,90 | OR6,99X316,87-90 | 6,99 | 316,87 | OR7,00X202,57    | 7,00 | 202,57 | OR8,00X220,00-90 | 8,00 | 220,00   |
| OR6,99X164,47    | 6,99 | 164,47 | OR6,99X316,87V   | 6,99 | 316,87 | OR7,00X206,00    | 7,00 | 206,00 | OR8,00X220,00E   | 8,00 | 220,00   |
| OR6,99X164,47-90 | 6,99 | 164,47 | OR6,99X329,57    | 6,99 | 329,57 | OR7,00X210,00V   | 7,00 | 210,00 | OR8,00X230,00    | 8,00 | 230,00   |

|                  |      |        |                 |       |          |                  |       |          |
|------------------|------|--------|-----------------|-------|----------|------------------|-------|----------|
| OR8,00X240,00    | 8,00 | 240,00 | OR8,40X314,50   | 8,40  | 314,50   | OR12,00X370,00V  | 12,00 | 370,00   |
| OR8,00X250,00    | 8,00 | 250,00 | OR8,40X330,00   | 8,40  | 330,00   | OR12,00X470,00V  | 12,00 | 470,00   |
| OR8,00X260,00    | 8,00 | 260,00 | OR8,40X334,50   | 8,40  | 334,50   | OR12,00X570,00V  | 12,00 | 570,00   |
| OR8,00X270,00    | 8,00 | 270,00 | OR8,40X339,50   | 8,40  | 339,50   | OR12,00X730,00V  | 12,00 | 730,00   |
| OR8,00X278,00    | 8,00 | 278,00 | OR8,40X365,10   | 8,40  | 365,10   | OR12,00X1020,00V | 12,00 | 1 020,00 |
| OR8,00X280,00S   | 8,00 | 280,00 | OR8,40X374,50   | 8,40  | 374,50   | OR12,00X1040,00V | 12,00 | 1 040,00 |
| OR8,00X290,00    | 8,00 | 290,00 | OR8,40X399,10   | 8,40  | 399,10   | OR12,70X305,00V  | 12,70 | 305,00   |
| OR8,00X290,00S   | 8,00 | 290,00 | OR8,40X414,00V  | 8,40  | 414,00   | OR13,00X060,00   | 13,00 | 60,00    |
| OR8,00X310,00    | 8,00 | 310,00 | OR8,40X419,10   | 8,40  | 419,10   | OR13,00X320,00   | 13,00 | 320,00   |
| OR8,00X330,00E   | 8,00 | 330,00 | OR8,40X425,00   | 8,40  | 425,00   | OR25,00X960,00   | 25,00 | 960,00   |
| OR8,00X340,00    | 8,00 | 340,00 | OR8,40X434,00   | 8,40  | 434,00   |                  |       |          |
| OR8,00X340,00V   | 8,00 | 340,00 | OR8,40X460,00   | 8,40  | 460,00   |                  |       |          |
| OR8,00X350,00    | 8,00 | 350,00 | OR8,40X500,00   | 8,40  | 500,00   |                  |       |          |
| OR8,00X360,00    | 8,00 | 360,00 | OR8,40X644,00   | 8,40  | 644,00   |                  |       |          |
| OR8,00X371,00    | 8,00 | 371,00 | OR8,40X670,00   | 8,40  | 670,00   |                  |       |          |
| OR8,00X380,00    | 8,00 | 380,00 | OR8,40X702,00   | 8,40  | 702,00   |                  |       |          |
| OR8,00X385,00    | 8,00 | 385,00 | OR8,40X702,00V  | 8,40  | 702,00   |                  |       |          |
| OR8,00X430,00V   | 8,00 | 430,00 | OR8,40X719,00   | 8,40  | 719,00   |                  |       |          |
| OR8,00X525,00E   | 8,00 | 525,00 | OR8,40X740,00   | 8,40  | 740,00   |                  |       |          |
| OR8,00X529,00    | 8,00 | 529,00 | OR8,40X845,00   | 8,40  | 845,00   |                  |       |          |
| OR8,00X580,00    | 8,00 | 580,00 | OR8,40X959,10   | 8,40  | 959,10   |                  |       |          |
| OR8,00X695,00    | 8,00 | 695,00 | OR8,50X125,00   | 8,50  | 125,00   |                  |       |          |
| OR8,40X144,10    | 8,40 | 144,10 | OR9,00X115,00   | 9,00  | 115,00   |                  |       |          |
| OR8,40X149,10    | 8,40 | 149,10 | OR9,00X423,00   | 9,00  | 423,00   |                  |       |          |
| OR8,40X154,10    | 8,40 | 154,10 | OR10,00X025,00  | 10,00 | 25,00    |                  |       |          |
| OR8,40X154,10E   | 8,40 | 154,10 | OR10,00X032,00  | 10,00 | 32,00    |                  |       |          |
| OR8,40X159,10    | 8,40 | 159,10 | OR10,00X062,00  | 10,00 | 62,00    |                  |       |          |
| OR8,40X159,10V   | 8,40 | 159,10 | OR10,00X070,00  | 10,00 | 70,00    |                  |       |          |
| OR8,40X164,10    | 8,40 | 164,10 | OR10,00X080,00  | 10,00 | 80,00    |                  |       |          |
| OR8,40X164,10-90 | 8,40 | 164,10 | OR10,00X090,00  | 10,00 | 90,00    |                  |       |          |
| OR8,40X169,10    | 8,40 | 169,10 | OR10,00X095,00  | 10,00 | 95,00    |                  |       |          |
| OR8,40X174,10    | 8,40 | 174,10 | OR10,00X096,00  | 10,00 | 96,00    |                  |       |          |
| OR8,40X179,10    | 8,40 | 179,10 | OR10,00X105,00  | 10,00 | 105,00   |                  |       |          |
| OR8,40X184,10    | 8,40 | 184,10 | OR10,00X120,00  | 10,00 | 120,00   |                  |       |          |
| OR8,40X189,10    | 8,40 | 189,10 | OR10,00X138,00  | 10,00 | 138,00   |                  |       |          |
| OR8,40X194,10    | 8,40 | 194,10 | OR10,00X148,00  | 10,00 | 148,00   |                  |       |          |
| OR8,40X199,10    | 8,40 | 199,10 | OR10,00X150,00  | 10,00 | 150,00   |                  |       |          |
| OR8,40X204,10    | 8,40 | 204,10 | OR10,00X180,00  | 10,00 | 180,00   |                  |       |          |
| OR8,40X209,10    | 8,40 | 209,10 | OR10,00X200,00  | 10,00 | 200,00   |                  |       |          |
| OR8,40X209,10-90 | 8,40 | 209,10 | OR10,00X230,00  | 10,00 | 230,00   |                  |       |          |
| OR8,40X209,10E   | 8,40 | 209,10 | OR10,00X245,00  | 10,00 | 245,00   |                  |       |          |
| OR8,40X214,10    | 8,40 | 214,10 | OR10,00X250,00  | 10,00 | 250,00   |                  |       |          |
| OR8,40X219,10    | 8,40 | 219,10 | OR10,00X250,0E  | 10,00 | 250,00   |                  |       |          |
| OR8,40X219,10E   | 8,40 | 219,10 | OR10,00X250,0V  | 10,00 | 250,00   |                  |       |          |
| OR8,40X224,50    | 8,40 | 224,50 | OR10,00X280,00E | 10,00 | 280,00   |                  |       |          |
| OR8,40X229,10    | 8,40 | 229,10 | OR10,00X281,00  | 10,00 | 281,00   |                  |       |          |
| OR8,40X229,10-90 | 8,40 | 229,10 | OR10,00X300,00  | 10,00 | 300,00   |                  |       |          |
| OR8,40X234,10    | 8,40 | 234,10 | OR10,00X330,00  | 10,00 | 330,00   |                  |       |          |
| OR8,40X239,10    | 8,40 | 239,10 | OR10,00X331,00  | 10,00 | 331,00   |                  |       |          |
| OR8,40X244,50    | 8,40 | 244,50 | OR10,00X340,00  | 10,00 | 340,00   |                  |       |          |
| OR8,40X249,10    | 8,40 | 249,10 | OR10,00X340,00E | 10,00 | 340,00   |                  |       |          |
| OR8,40X249,10-90 | 8,40 | 249,10 | OR10,00X350,00  | 10,00 | 350,00   |                  |       |          |
| OR8,40X249,10V   | 8,40 | 249,10 | OR10,00X430,00  | 10,00 | 430,00   |                  |       |          |
| OR8,40X264,50    | 8,40 | 264,50 | OR10,00X440,00  | 10,00 | 440,00   |                  |       |          |
| OR8,40X268,80    | 8,40 | 268,80 | OR10,00X480,00  | 10,00 | 480,00   |                  |       |          |
| OR8,40X274,50    | 8,40 | 274,50 | OR10,00X496,00  | 10,00 | 496,00   |                  |       |          |
| OR8,40X279,50    | 8,40 | 279,50 | OR10,00X497,00  | 10,00 | 497,00   |                  |       |          |
| OR8,40X279,50V   | 8,40 | 279,50 | OR10,00X510,00  | 10,00 | 510,00   |                  |       |          |
| OR8,40X294,50    | 8,40 | 294,50 | OR10,00X1090,0  | 10,00 | 1 090,00 |                  |       |          |
| OR8,40X299,50    | 8,40 | 299,50 | OR12,00X088,00  | 12,00 | 88,00    |                  |       |          |



# TR



## OMINAISUUDET

Materiaali Polyuretaani  
Lämpötila -30 – +110 °C

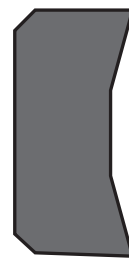
PTFE  
-200 – +260 °C

| Tuotekoodi  | d    | D  | TR2530-PTFE | 25 | 30 | TR5055-PTFE | 50 | 55 | TR7080-PTFE  | 70 | 80  | TR95100       | 95  | 100 |
|-------------|------|----|-------------|----|----|-------------|----|----|--------------|----|-----|---------------|-----|-----|
| TR48        | 4    | 8  | TR2732      | 27 | 32 | TR5060      | 50 | 60 | TR7277       | 72 | 77  | TR95100-PTFE  | 95  | 100 |
| TR59        | 5    | 9  | TR2833      | 28 | 33 | TR5060-PTFE | 50 | 60 | TR7277-PTFE  | 72 | 77  | TR95105       | 95  | 105 |
| TR610       | 6    | 10 | TR3034      | 30 | 34 | TR5256      | 52 | 56 | TR7378       | 73 | 78  | TR100105      | 100 | 105 |
| TR711       | 7    | 11 | TR3035      | 30 | 35 | TR5363      | 53 | 63 | TR7378-PTFE  | 73 | 78  | TR100110      | 100 | 110 |
| TR812       | 8    | 12 | TR3237      | 32 | 37 | TR5560      | 55 | 60 | TR7580       | 75 | 80  | TR105110      | 105 | 110 |
| TR913       | 9    | 13 | TR3338      | 33 | 38 | TR5560-PTFE | 55 | 60 | TR7580-PTFE  | 75 | 80  | TR105110-PTFE | 105 | 110 |
| TR1014      | 10   | 14 | TR3540      | 35 | 40 | TR5565      | 55 | 65 | TR7585       | 75 | 85  | TR105115      | 105 | 115 |
| TR1115      | 11   | 15 | TR3540-PTFE | 35 | 40 | TR5565-PTFE | 55 | 65 | TR7585-PTFE  | 75 | 85  | TR110115      | 110 | 115 |
| TR1216      | 12   | 16 | TR3742      | 37 | 42 | TR5762      | 57 | 62 | TR7888       | 78 | 88  | TR110115-PTFE | 110 | 115 |
| TR1317      | 13   | 17 | TR4045      | 40 | 45 | TR5762-PTFE | 57 | 62 | TR8085       | 80 | 85  | TR110120      | 110 | 120 |
| TR1418      | 14   | 18 | TR4050      | 40 | 50 | TR5863      | 58 | 63 | TR8085-PTFE  | 80 | 85  | TR110120-PTFE | 110 | 120 |
| TR1519      | 15   | 19 | TR4050-PTFE | 40 | 50 | TR5863-PTFE | 58 | 63 | TR8090       | 80 | 90  | TR115120      | 115 | 120 |
| TR1620      | 16   | 20 | TR4246      | 42 | 46 | TR6065      | 60 | 65 | TR8095       | 80 | 95  | TR115120-PTFE | 115 | 120 |
| TR1721      | 17   | 21 | TR4247      | 42 | 47 | TR6070      | 60 | 70 | TR8287-PTFE  | 82 | 87  | TR115125      | 115 | 125 |
| TR1822      | 18   | 22 | TR4347      | 43 | 47 | TR6070-PTFE | 60 | 70 | TR8393       | 83 | 93  | TR120125      | 120 | 125 |
| TR1924      | 19   | 24 | TR4348      | 43 | 48 | TR6368      | 63 | 68 | TR8393-PTFE  | 83 | 93  | TR120125-PTFE | 120 | 125 |
| TR2025      | 20   | 25 | TR4550      | 45 | 50 | TR6570      | 65 | 70 | TR8590       | 85 | 90  | TR120130      | 120 | 130 |
| TR2227      | 22   | 27 | TR4550-PTFE | 45 | 50 | TR6575      | 65 | 75 | TR8595       | 85 | 95  | TR120140      | 120 | 140 |
| TR2328      | 23   | 28 | TR4555      | 45 | 55 | TR6671      | 66 | 71 | TR9095       | 90 | 95  | TR125130      | 125 | 130 |
| TR2328-PTFE | 23   | 28 | TR4752      | 47 | 52 | TR6671-PTFE | 66 | 71 | TR9095-PTFE  | 90 | 95  | TR125130-PTFE | 125 | 130 |
| TR23528     | 23,5 | 28 | TR4853      | 48 | 53 | TR7075      | 70 | 75 | TR90100      | 90 | 100 | TR125135      | 125 | 135 |
| TR2530      | 25   | 30 | TR5055      | 50 | 55 | TR7080      | 70 | 80 | TR93103-PTFE | 93 | 103 | TR130135      | 130 | 135 |

# TR

|               |     |     |               |     |     |
|---------------|-----|-----|---------------|-----|-----|
| TR130140      | 130 | 140 | TR190200-PTFE | 190 | 200 |
| TR130140-PTFE | 130 | 140 | TR195205      | 195 | 205 |
| TR132142      | 132 | 142 | TR195205-PTFE | 195 | 205 |
| TR135140      | 135 | 140 | TR200205      | 200 | 205 |
| TR135140-PTFE | 135 | 140 | TR200210      | 200 | 210 |
| TR135145      | 135 | 145 | TR200210-PTFE | 200 | 210 |
| TR140145      | 140 | 145 | TR200215      | 200 | 215 |
| TR140150      | 140 | 150 | TR205220      | 205 | 220 |
| TR142152      | 142 | 152 | TR210220      | 210 | 220 |
| TR145150      | 145 | 150 | TR215225      | 215 | 225 |
| TR145150-PTFE | 145 | 150 | TR220230      | 220 | 230 |
| TR145155      | 145 | 155 | TR225235      | 225 | 235 |
| TR145155-PTFE | 145 | 155 | TR230238-PTFE | 230 | 238 |
| TR145160      | 145 | 160 | TR230240      | 230 | 240 |
| TR150155      | 150 | 155 | TR235250      | 235 | 250 |
| TR150160      | 150 | 160 | TR240250      | 240 | 250 |
| TR150160-PTFE | 150 | 160 | TR240250-PTFE | 240 | 250 |
| TR155160      | 155 | 160 | TR245255      | 245 | 255 |
| TR155165      | 155 | 165 | TR245260      | 245 | 260 |
| TR155170      | 155 | 170 | TR250260      | 250 | 260 |
| TR160170      | 160 | 170 | TR260270      | 260 | 270 |
| TR160175      | 160 | 175 | TR270280      | 270 | 280 |
| TR162172      | 162 | 172 | TR290300      | 290 | 300 |
| TR165175      | 165 | 175 | TR300310      | 300 | 310 |
| TR165175-PTFE | 165 | 175 | TR305320      | 305 | 320 |
| TR165180      | 165 | 180 | TR310320      | 310 | 320 |
| TR170175      | 170 | 175 | TR325335      | 325 | 335 |
| TR170180      | 170 | 180 | TR330340      | 330 | 340 |
| TR175180      | 175 | 180 | TR350360      | 350 | 360 |
| TR175185      | 175 | 185 | TR380390      | 380 | 390 |
| TR175190      | 175 | 190 | TR390400      | 390 | 400 |
| TR180185      | 180 | 185 | TR420430      | 420 | 430 |
| TR180185-PTFE | 180 | 185 | TR440450      | 440 | 450 |
| TR180190      | 180 | 190 | TR470480      | 470 | 480 |
| TR180190-PTFE | 180 | 190 | TR480490      | 480 | 490 |
| TR182192      | 182 | 192 | TR520530      | 520 | 530 |
| TR185195      | 185 | 195 | TR648660      | 648 | 660 |
| TR190200      | 190 | 200 | TR740750      | 740 | 750 |

# TR8



## OMINAISUUDET

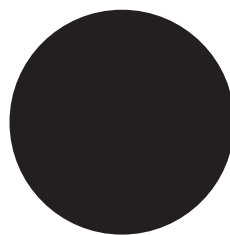
Materiaali Nitrilikumi  
Lämpötila -30 – +100 °C

| Tuotekoodi               | O-rengas koko | TR8-024<br>PTFE SPIRAALI | 28,40X1,78  | TR8-124      | 31,42X2,62 | TR8-151 | 75,80X2,62  |
|--------------------------|---------------|--------------------------|-------------|--------------|------------|---------|-------------|
| TR8-006                  | 2,90X1,78     | TR8-025                  | 29,87X1,78  | TR8-125      | 33,00X2,62 | TR8-153 | 88,57X2,62  |
| TR8-008                  | 4,47X1,78     | TR8-026                  | 31,47X1,78  | TR8-126      | 34,59X2,62 | TR8-154 | 94,92X2,62  |
| TR8-009                  | 5,28X1,78     | TR8-031                  | 44,17X1,78  | TR8-126-PTFE | 34,59X2,62 | TR8-155 | 101,27X2,62 |
| TR8-010                  | 6,07X1,78     | TR8-035                  | 56,87X1,78  | TR8-127      | 36,17X2,62 | TR8-156 | 107,62X2,62 |
| TR8-011                  | 7,65X1,78     | TR8-038                  | 66,4X1,78   | TR8-128      | 37,70X2,62 | TR8-157 | 113,89X2,62 |
| TR8-012                  | 9,25X1,78     | TR8-048                  | 120,37X1,78 | TR8-129      | 39,34X2,62 | TR8-210 | 18,64X3,53  |
| TR8-013                  | 10,82X1,78    | TR8-110                  | 9,19X2,62   | TR8-130      | 40,95X2,62 | TR8-211 | 20,22X3,53  |
| TR8-014                  | 12,42X1,78    | TR8-111                  | 10,77X2,62  | TR8-131      | 42,52X2,62 | TR8-212 | 21,82X3,53  |
| TR8-015                  | 14,00X1,78    | TR8-112                  | 12,37X2,62  | TR8-132      | 44,12X2,62 | TR8-213 | 23,40X3,53  |
| TR8-016                  | 15,60X1,78    | TR8-113                  | 13,95X2,62  | TR8-133      | 45,69X2,62 | TR8-214 | 25,00X3,53  |
| TR8-017                  | 17,17X1,78    | TR8-114                  | 15,54X2,62  | TR8-135      | 48,90X2,62 | TR8-215 | 26,57X3,53  |
| TR8-018                  | 18,77X1,78    | TR8-115                  | 17,12X2,62  | TR8-136      | 50,47X2,62 | TR8-216 | 28,17X3,53  |
| TR8-019                  | 20,35X1,78    | TR8-116                  | 18,72X2,62  | TR8-137      | 52,07X2,62 | TR8-217 | 29,74X3,53  |
| TR8-020                  | 21,95X1,78    | TR8-117                  | 20,30X2,62  | TR8-139      | 55,25X2,62 | TR8-218 | 31,34X3,53  |
| TR8-020<br>PTFE SPIRAALI | 21,95X1,78    | TR8-118                  | 21,89X2,62  | TR8-141      | 58,42X2,62 | TR8-219 | 32,92X3,53  |
| TR8-021                  | 23,52X1,78    | TR8-119                  | 23,47X2,62  | TR8-142      | 59,99X2,62 | TR8-220 | 34,52X3,53  |
| TR8-022                  | 25,12X1,78    | TR8-120                  | 25,07X2,62  | TR8-144      | 63,17X2,62 | TR8-221 | 36,09X3,53  |
| TR8-023                  | 26,70X1,78    | TR8-121                  | 26,65X2,62  | TR8-145      | 64,77X2,62 | TR8-222 | 37,69X3,53  |
| TR8-024                  | 28,40X1,78    | TR8-122                  | 28,25X2,62  | TR8-146      | 66,35X2,62 | TR8-223 | 40,87X3,53  |
|                          |               | TR8-123                  | 29,82X2,62  | TR8-149      | 71,12X2,62 | TR8-224 | 44,04X3,53  |

# TR8

|         |             |             |             |
|---------|-------------|-------------|-------------|
| TR8-225 | 47,22X3,53  | TR8-322     | 31,12X5,33  |
| TR8-226 | 50,39X3,53  | TR8-325     | 37,47X5,33  |
| TR8-227 | 53,57X3,53  | TR8-326     | 40,64X5,33  |
| TR8-228 | 56,75X3,53  | TR8-327     | 43,82X5,33  |
| TR8-229 | 59,92X3,53  | TR8-328     | 47,00X5,33  |
| TR8-230 | 63,50X3,53  | TR8-329     | 50,16X5,33  |
| TR8-231 | 66,27X3,53  | TR8-330     | 53,34X5,33  |
| TR8-232 | 69,44X3,53  | TR8-331     | 56,52X5,33  |
| TR8-233 | 72,62X3,53  | TR8-332     | 59,69X5,33  |
| TR8-234 | 75,79X3,53  | TR8-334     | 66,04X5,33  |
| TR8-235 | 78,97X3,53  | TR8-335     | 69,22X5,33  |
| TR8-236 | 82,14X3,53  | TR8-336     | 72,39X5,33  |
| TR8-237 | 85,32X3,53  | TR8-337     | 75,57X5,33  |
| TR8-238 | 88,49X3,53  | TR8-338     | 5,33X78,74  |
| TR8-239 | 91,67X3,53  | TR8-339     | 81,92X5,33  |
| TR8-240 | 94,84X3,53  | TR8-340     | 85,09X5,33  |
| TR8-241 | 98,02X3,53  | TR8-342     | 91,44X5,33  |
| TR8-242 | 101,19X3,53 | TR8-343     | 94,62X5,33  |
| TR8-243 | 104,37X3,53 | TR8-344     | 97,79X5,33  |
| TR8-244 | 107,54X3,53 | TR8-345     | 100,97X5,33 |
| TR8-245 | 110,72X3,53 | TR8-346     | 104,14X5,33 |
| TR8-246 | 113,89X3,53 | TR8-347     | 107,31X5,33 |
| TR8-247 | 117,07X3,53 | TR8-348     | 110,5X5,33  |
| TR8-248 | 120,24X3,53 | TR8-349     | 113,67X5,33 |
| TR8-249 | 123,42X3,53 | TR8-349PTFE | 113,67X5,33 |
| TR8-250 | 126,60X3,53 | TR8-350     | 116,89X5,33 |
| TR8-251 | 129,77X3,53 | TR8-353     | 126,37X5,33 |
| TR8-252 | 132,95X3,53 | TR8-354     | 129,54X3,53 |
| TR8-253 | 136,12X3,53 | TR8-355     | 132,72X5,33 |
| TR8-254 | 139,24X3,53 | TR8-357     | 139,09X5,33 |
| TR8-255 | 142,47X3,53 | TR8-358     | 142,24X5,33 |
| TR8-256 | 145,65X3,53 | TR8-362     | 158,12X5,33 |
| TR8-257 | 148,82X3,53 | TR8-364     | 170,82X5,33 |
| TR8-258 | 151,99X3,53 | TR8-366     | 5,33X183,52 |
| TR8-259 | 158,35X3,53 | TR8-367     | 189,86X5,33 |
| TR8-260 | 164,70X3,53 | TR8-375     | 240,67X5,33 |
| TR8-261 | 171,04X3,53 | TR8-379     | 278,77X5,33 |
| TR8-263 | 183,74X3,53 | TR8-381     | 304,17X5,33 |
| TR8-264 | 190,09X3,53 | TR8-427     | 120,02X6,99 |
| TR8-265 | 196,45X3,53 | TR8-432     | 135,90X6,99 |
| TR8-266 | 202,79X3,53 | TR8-434     | 142,22X6,99 |
| TR8-273 | 247,23X3,53 | TR8-435     | 145,42X6,99 |
| TR8-318 | 24,77X5,33  | TR8-439     | 164,47X6,99 |
| TR8-319 | 26,34X5,33  | TR8-443     | 189,87X6,99 |
| TR8-320 | 27,94X5,33  | TR8-448     | 240,67X6,99 |
| TR8-321 | 29,51X5,33  |             |             |

# ORNAUHA



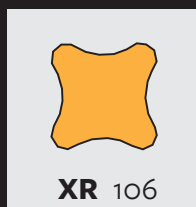
## OMINAISUUDET

|            |               |               |               |               |
|------------|---------------|---------------|---------------|---------------|
| Materiaali | NBR/NBR90     | FKM (V)       | EPDM (EPDM)   | SIL (S)       |
| Lämpötila  | -30 – +100 °C | -20 – +200 °C | -50 – +150 °C | -60 – +200 °C |

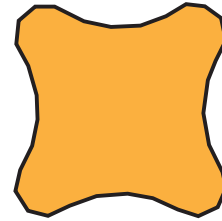
|                 |      |                 |      |                 |      |                |     |
|-----------------|------|-----------------|------|-----------------|------|----------------|-----|
| Tuotekoodi      | do   | ORNAUHA3,00 -90 | 3    | ORNAUHAEPDM5,33 | 5,33 | ORNAUHAS 8,40  | 8,4 |
| ORNAUHA1,00     | 1    | ORNAUHAS 3,0    | 3    | ORNAUHAV 5,33   | 5,33 | ORNAUHAV 8,40  | 8,4 |
| ORNAUHAV 1,20   | 1,2  | ORNAUHAV 3,00   | 3    | ORNAUHA5,70     | 5,7  | ORNAUHA9,0     | 9   |
| ORNAUHA1,5      | 1,5  | ORNAUHA3,25     | 3,25 | ORNAUHAEPDM5,7  | 5,7  | ORNAUHAEPDM9,0 | 9   |
| ORNAUHAEPDM1,50 | 1,5  | ORNAUHA3,53     | 3,53 | ORNAUHAV 5,70   | 5,7  | ORNAUHA10,00   | 10  |
| ORNAUHA1,6      | 1,6  | ORNAUHA3,53 -90 | 3,53 | ORNAUHA6,0      | 6    | ORNAUHAEPDM10  | 10  |
| ORNAUHAEPDM1,60 | 1,6  | ORNAUHAEPDM3,53 | 3,53 | ORNAUHAEPDM6,0  | 6    | ORNAUHAS 10,00 | 10  |
| ORNAUHA1,78     | 1,78 | ORNAUHAS 3,53   | 3,53 | ORNAUHAV 6,00   | 6    | ORNAUHAV 10,00 | 10  |
| ORNAUHAV 1,78   | 1,78 | ORNAUHAV 3,53   | 3,53 | ORNAUHA6,35     | 6,35 | ORNAUHAEPDM11  | 11  |
| ORNAUHA2,0      | 2    | ORNAUHA4,0      | 4    | ORNAUHAV 6,35   | 6,35 | ORNAUHAV 11,00 | 11  |
| ORNAUHAV 2,00   | 2    | ORNAUHAV 4,00   | 4    | ORNAUHAEPDM6,5  | 6,5  | ORNAUHA12,00   | 12  |
| ORNAUHA2,40     | 2,4  | ORNAUHA4,50     | 4,5  | ORNAUHA7,0      | 7    | ORNAUHAEPDM12  | 12  |
| ORNAUHAS 2,40   | 2,4  | ORNAUHAS 4,50   | 4,5  | ORNAUHAEPDM7,0  | 7    | ORNAUHAS 12,00 | 12  |
| ORNAUHA2,50     | 2,5  | ORNAUHAV 4,50   | 4,5  | ORNAUHAV 7,00   | 7    | ORNAUHAV 12,00 | 12  |
| ORNAUHAEPDM2,50 | 2,5  | ORNAUHA5,00     | 5    | ORNAUHA8,0      | 8    | ORNAUHA13,00   | 13  |
| ORNAUHA2,62     | 2,62 | ORNAUHA5,00 -90 | 5    | ORNAUHAEPDM8,0  | 8    | ORNAUHA14,00   | 14  |
| ORNAUHA2,62 -90 | 2,62 | ORNAUHAEPDM5,00 | 5    | ORNAUHAS 8,00   | 8    | ORNAUHA15,00   | 15  |
| ORNAUHAS 2,62   | 2,62 | ORNAUHAS 5,00   | 5    | ORNAUHAV 8,00   | 8    | ORNAUHAEPDM15  | 15  |
| ORNAUHAV 2,62   | 2,62 | ORNAUHAV 5,00   | 5    | ORNAUHA8,40     | 8,4  | ORNAUHA18,00   | 18  |
| ORNAUHA3,0      | 3    | ORNAUHA5,33     | 5,33 | ORNAUHAEPDM8,4  | 8,4  | ORNAUHA19,00   | 19  |



# X-renkaat



# XR



## OMINAISUUDET

Materiaali NBR FKM  
Lämpötila -30 – +100 °C -20 – +200 °C

| Tuotekoodi     | do   | d1    | XR1,78X069,57    | 1,78 | 69,57 | XR2,62X016,20  | 2,62 | 16,2  |
|----------------|------|-------|------------------|------|-------|----------------|------|-------|
| XR1,78X002,90  | 1,78 | 2,9   | XR1,78X072,76    | 1,78 | 72,76 | XR2,62X016,20V | 2,62 | 16,2  |
| XR1,78X004,48  | 1,78 | 4,48  | XR1,78X075,92    | 1,78 | 75,92 | XR2,62X017,13  | 2,62 | 17,13 |
| XR1,78X005,28  | 1,78 | 5,28  | XR1,78X088,62    | 1,78 | 88,62 | XR2,62X017,13V | 2,62 | 17,13 |
| XR1,78X007,65  | 1,78 | 7,65  | XR1,78X094,97V   | 1,78 | 94,97 | XR2,62X018,72  | 2,62 | 18,72 |
| XR1,78X009,25  | 1,78 | 9,25  | XR1,78X107,70    | 1,78 | 107,7 | XR2,62X020,29  | 2,62 | 20,29 |
| XR1,78X012,42  | 1,78 | 12,42 | XR1,78X120,40    | 1,78 | 120,4 | XR2,62X021,90  | 2,62 | 21,9  |
| XR1,78X014,00  | 1,78 | 14    | XR2,62X002,84    | 2,62 | 2,84  | XR2,62X025,07  | 2,62 | 25,07 |
| XR1,78X015,60  | 1,78 | 15,6  | XR2,62X006,02    | 2,62 | 6,02  | XR2,62X031,42  | 2,62 | 31,42 |
| XR1,78X017,13  | 1,78 | 17,13 | XR2,62X006,02V   | 2,62 | 6,02  | XR2,62X033,00  | 2,62 | 33    |
| XR1,78X018,77  | 1,78 | 18,77 | XR2,62X007,60    | 2,62 | 7,6   | XR2,62X034,59  | 2,62 | 34,59 |
| XR1,78X021,95  | 1,78 | 21,95 | XR2,62X007,60V   | 2,62 | 7,6   | XR2,62X036,17  | 2,62 | 36,17 |
| XR1,78X025,12  | 1,78 | 25,12 | XR2,62X009,19    | 2,62 | 9,19  | XR2,62X039,35  | 2,62 | 39,35 |
| XR1,78X031,47  | 1,78 | 31,47 | XR2,62X010,78    | 2,62 | 10,78 | XR2,62X039,35V | 2,62 | 39,35 |
| XR1,78X034,65  | 1,78 | 34,65 | XR2,62X010,78-90 | 2,62 | 10,78 | XR2,62X040,95  | 2,62 | 40,95 |
| XR1,78X044,17  | 1,78 | 44,17 | XR2,62X011,91    | 2,62 | 11,91 | XR2,62X040,95V | 2,62 | 40,95 |
| XR1,78X050,52  | 1,78 | 50,52 | XR2,62X012,37    | 2,62 | 12,37 | XR2,62X044,12  | 2,62 | 44,12 |
| XR1,78X050,52V | 1,78 | 50,52 | XR2,62X012,37V   | 2,62 | 12,37 | XR2,62X045,69  | 2,62 | 45,69 |
| XR1,78X053,67  | 1,78 | 53,67 | XR2,62X013,95    | 2,62 | 13,95 | XR2,62X052,07V | 2,62 | 52,07 |
| XR1,78X056,87  | 1,78 | 56,87 | XR2,62X015,54    | 2,62 | 15,54 | XR2,62X055,25  | 2,62 | 55,25 |
| XR1,78X063,22  | 1,78 | 63,22 | XR2,62X015,54V   | 2,62 | 15,54 | XR2,62X071,12  | 2,62 | 71,12 |

|                |      |        |                |      |        |                  |      |        |
|----------------|------|--------|----------------|------|--------|------------------|------|--------|
| XR2,62X072,69  | 2,62 | 72,69  | XR3,53X142,47  | 3,53 | 142,47 | XR5,33X532,20    | 5,33 | 532,2  |
| XR2,62X082,22  | 2,62 | 82,22  | XR3,53X145,65  | 3,53 | 145,65 | XR5,33X557,61    | 5,33 | 557,61 |
| XR2,62X088,57  | 2,62 | 88,57  | XR3,53X151,99  | 3,53 | 151,99 | XR6,99X120,02    | 6,99 | 120,02 |
| XR2,62X094,93  | 2,62 | 94,93  | XR3,53X171,04  | 3,53 | 171,04 | XR6,99X129,54    | 6,99 | 129,54 |
| XR2,62X101,27  | 2,62 | 101,27 | XR3,53X183,75  | 3,53 | 183,75 | XR6,99X132,72    | 6,99 | 132,72 |
| XR2,62X107,63  | 2,62 | 107,63 | XR3,53X202,79  | 3,53 | 202,79 | XR6,99X135,90    | 6,99 | 135,9  |
| XR2,62X113,98  | 2,62 | 113,98 | XR3,53X209,14  | 3,53 | 209,14 | XR6,99X151,77    | 6,99 | 151,77 |
| XR2,62X120,33  | 2,62 | 120,33 | XR3,53X234,55  | 3,53 | 234,55 | XR6,99X158,12    | 6,99 | 158,12 |
| XR2,62X133,00  | 2,62 | 133    | XR3,53X279,00  | 3,53 | 279    | XR6,99X164,47    | 6,99 | 164,47 |
| XR2,62X139,38  | 2,62 | 139,38 | XR3,53X329,80  | 3,53 | 329,8  | XR6,99X170,82    | 6,99 | 170,82 |
| XR2,62X145,72  | 2,62 | 145,72 | XR3,53X355,20  | 3,53 | 355,2  | XR6,99X177,17    | 6,99 | 177,17 |
| XR2,62X190,18  | 2,62 | 190,18 | XR3,53X380,60  | 3,53 | 380,6  | XR6,99X183,52    | 6,99 | 183,52 |
| XR2,62X209,23  | 2,62 | 209,23 | XR3,53X430,66  | 3,53 | 430,66 | XR6,99X189,87    | 6,99 | 189,87 |
| XR3,53X012,29  | 3,53 | 12,29  | XR5,33X037,47  | 5,33 | 37,47  | XR6,99X192,22    | 6,99 | 192,22 |
| XR3,53X015,47  | 3,53 | 15,47  | XR5,33X039,20  | 5,33 | 39,2   | XR6,99X202,57    | 6,99 | 202,57 |
| XR3,53X018,64  | 3,53 | 18,64  | XR5,33X040,65  | 5,33 | 40,65  | XR6,99X215,27    | 6,99 | 215,27 |
| XR3,53X020,22  | 3,53 | 20,22  | XR5,33X040,65V | 5,33 | 40,65  | XR6,99X227,97    | 6,99 | 227,97 |
| XR3,53X020,22V | 3,53 | 20,22  | XR5,33X043,82  | 5,33 | 43,82  | XR6,99X266,07    | 6,99 | 266,07 |
| XR3,53X021,82  | 3,53 | 21,82  | XR5,33X047,00  | 5,33 | 47     | XR6,99X278,77    | 6,99 | 278,77 |
| XR3,53X023,40  | 3,53 | 23,4   | XR5,33X047,00V | 5,33 | 47     | XR6,99X291,47    | 6,99 | 291,47 |
| XR3,53X024,99  | 3,53 | 24,99  | XR5,33X050,16  | 5,33 | 50,16  | XR6,99X304,17    | 6,99 | 304,17 |
| XR3,53X026,57  | 3,53 | 26,57  | XR5,33X050,16V | 5,33 | 50,16  | XR6,99X316,87    | 6,99 | 316,87 |
| XR3,53X026,57V | 3,53 | 26,57  | XR5,33X053,34  | 5,33 | 53,34  | XR6,99X405,26    | 6,99 | 405,26 |
| XR3,53X028,17  | 3,53 | 28,17  | XR5,33X056,52  | 5,33 | 56,52  | XR6,99X430,66-80 | 6,99 | 430,66 |
| XR3,53X029,75  | 3,53 | 29,75  | XR5,33X056,52V | 5,33 | 56,52  | XR6,99X494,16    | 6,99 | 494,16 |
| XR3,53X031,34  | 3,53 | 31,34  | XR5,33X059,69  | 5,33 | 59,69  |                  |      |        |
| XR3,53X032,92V | 3,53 | 32,92  | XR5,33X059,69V | 5,33 | 59,69  |                  |      |        |
| XR3,53X032,93  | 3,53 | 32,93  | XR5,33X062,87  | 5,33 | 62,87  |                  |      |        |
| XR3,53X034,52  | 3,53 | 34,52  | XR5,33X066,04  | 5,33 | 66,04  |                  |      |        |
| XR3,53X034,52V | 3,53 | 34,52  | XR5,33X069,22  | 5,33 | 69,22  |                  |      |        |
| XR3,53X036,09  | 3,53 | 36,09  | XR5,33X072,40  | 5,33 | 72,4   |                  |      |        |
| XR3,53X037,69  | 3,53 | 37,69  | XR5,33X075,57  | 5,33 | 75,57  |                  |      |        |
| XR3,53X037,69V | 3,53 | 37,69  | XR5,33X078,74  | 5,33 | 78,74  |                  |      |        |
| XR3,53X040,87  | 3,53 | 40,87  | XR5,33X081,92  | 5,33 | 81,92  |                  |      |        |
| XR3,53X044,04  | 3,53 | 44,04  | XR5,33X085,09  | 5,33 | 85,09  |                  |      |        |
| XR3,53X047,22  | 3,53 | 47,22  | XR5,33X088,27  | 5,33 | 88,27  |                  |      |        |
| XR3,53X050,40  | 3,53 | 50,4   | XR5,33X091,44  | 5,33 | 91,44  |                  |      |        |
| XR3,53X050,40V | 3,53 | 50,4   | XR5,33X094,62  | 5,33 | 94,62  |                  |      |        |
| XR3,53X053,57  | 3,53 | 53,57  | XR5,33X097,79  | 5,33 | 97,79  |                  |      |        |
| XR3,53X063,09  | 3,53 | 63,09  | XR5,33X097,79V | 5,33 | 97,79  |                  |      |        |
| XR3,53X066,27  | 3,53 | 66,27  | XR5,33X100,97  | 5,33 | 100,97 |                  |      |        |
| XR3,53X069,44  | 3,53 | 69,44  | XR5,33X104,14  | 5,33 | 104,14 |                  |      |        |
| XR3,53X078,97  | 3,53 | 78,97  | XR5,33X110,49  | 5,33 | 110,49 |                  |      |        |
| XR3,53X085,32  | 3,53 | 85,32  | XR5,33X113,67  | 5,33 | 113,67 |                  |      |        |
| XR3,53X098,02V | 3,53 | 98,02  | XR5,33X145,42  | 5,33 | 145,42 |                  |      |        |
| XR3,53X104,37  | 3,53 | 104,37 | XR5,33X158,12  | 5,33 | 158,12 |                  |      |        |
| XR3,53X107,54  | 3,53 | 107,54 | XR5,33X164,47  | 5,33 | 164,47 |                  |      |        |
| XR3,53X113,89  | 3,53 | 113,89 | XR5,33X177,17  | 5,33 | 177,17 |                  |      |        |
| XR3,53X117,07  | 3,53 | 117,07 | XR5,33X183,52  | 5,33 | 183,52 |                  |      |        |
| XR3,53X120,25  | 3,53 | 120,25 | XR5,33X189,87  | 5,33 | 189,87 |                  |      |        |
| XR3,53X123,42  | 3,53 | 123,42 | XR5,33X196,22  | 5,33 | 196,22 |                  |      |        |
| XR3,53X126,60  | 3,53 | 126,6  | XR5,33X202,57  | 5,33 | 202,57 |                  |      |        |
| XR3,53X132,94  | 3,53 | 132,94 | XR5,33X456,06  | 5,33 | 456,06 |                  |      |        |
| XR3,53X139,29  | 3,53 | 139,29 | XR5,33X481,46  | 5,33 | 481,46 |                  |      |        |



# Staattiset tiivisteet

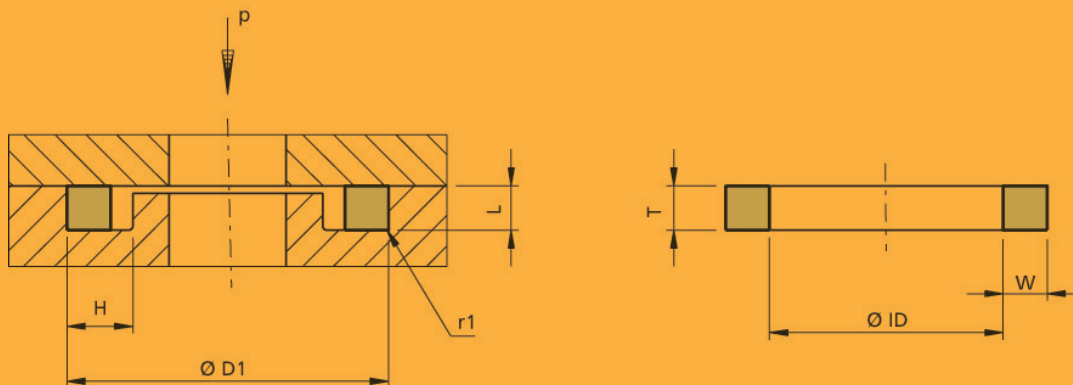
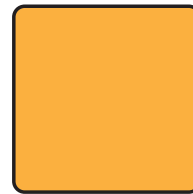


**RR** 110



**R15** 111

# RR

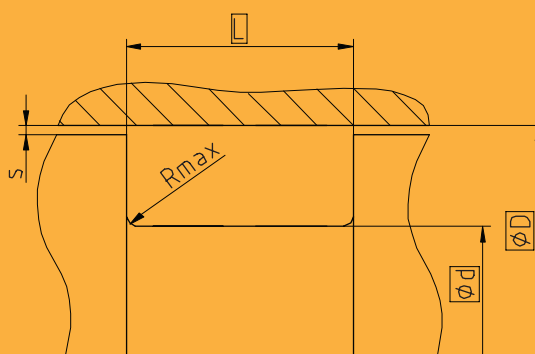
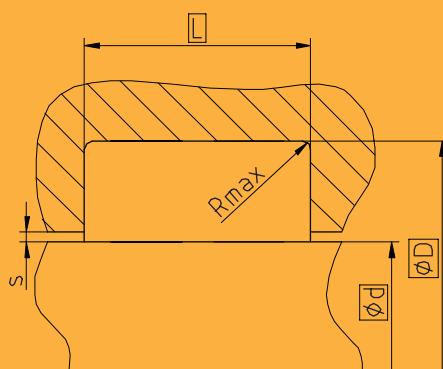
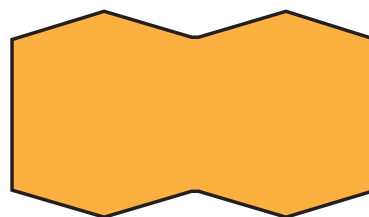


## OMINAISUUDET

|            |                   |               |               |
|------------|-------------------|---------------|---------------|
| Materiaali | Polyuretaani (-P) | NBR(-V)       | FKM(-N)       |
| Lämpötila  | -30 – +110 °C     | -30 – +100 °C | -20 – +200 °C |

| Tuotekoodi           | d     | D     | H    |                      |       |       |      |                      |       |       |      |
|----------------------|-------|-------|------|----------------------|-------|-------|------|----------------------|-------|-------|------|
| RR7,3X10,3X1,5-N     | 7,3   | 10,3  | 1,5  | RR13X16,2X2-P        | 13    | 16,2  | 2    | RR22,53X27,13X2,62-V | 22,53 | 27,13 | 2,62 |
| RR7,3X10,3X1,5-V     | 7,3   | 10,3  | 1,5  | RR13X16,2X2-V        | 13    | 16,2  | 2    | RR26,57X33,63X3,53-N | 26,57 | 33,63 | 3,53 |
| RR8X11X1,78-N        | 8     | 11    | 1,78 | RR14,6X17,8X1,78-N   | 14,6  | 17,8  | 1,78 | RR26,57X33,63X3,53-P | 26,57 | 33,63 | 3,53 |
| RR8X11X1,78-V        | 8     | 11    | 1,78 | RR14,6X17,8X1,78-P   | 14,6  | 17,8  | 1,78 | RR26,57X33,63X3,53-V | 26,57 | 33,63 | 3,53 |
| RR9X12X1,78-N        | 9     | 12    | 1,78 | RR14,6X17,8X1,78-V   | 14,6  | 17,8  | 1,78 | RR27,8X33X3-N        | 27,8  | 33    | 3    |
| RR9X12X1,78-V        | 9     | 12    | 1,78 | RR16X18,8X1,8-N      | 16    | 18,8  | 1,8  | RR27,8X33X3-P        | 27,8  | 33    | 3    |
| RR9,81X12,81X1,78-N  | 9,81  | 12,81 | 1,78 | RR16X18,8X1,8-V      | 16    | 18,8  | 1,8  | RR27,8X33X3-V        | 27,8  | 33    | 3    |
| RR9,81X12,81X1,78-P  | 9,81  | 12,81 | 1,78 | RR17,56X21,96X2,62-N | 17,56 | 21,96 | 2,62 | RR28,43X35,23X3,53-N | 28,43 | 35,23 | 3,53 |
| RR9,81X12,81X1,78-V  | 9,81  | 12,81 | 1,78 | RR17,56X21,96X2,62-P | 17,56 | 21,96 | 2,62 | RR28,43X35,23X3,53-P | 28,43 | 35,23 | 3,53 |
| RR10X14X2-N          | 10    | 14    | 2    | RR17,56X21,96X2,62-V | 17,56 | 21,96 | 2,62 | RR28,43X35,23X3,53-V | 28,43 | 35,23 | 3,53 |
| RR10X14X2-P          | 10    | 14    | 2    | RR18,64X25,7X3,53-N  | 18,64 | 25,7  | 3,53 | RR32X36,8X3-N        | 32    | 36,8  | 3    |
| RR10X14X2-V          | 10    | 14    | 2    | RR18,64X25,7X3,53-P  | 18,64 | 25,7  | 3,53 | RR34,52X41,58X3,53-N | 34,52 | 41,58 | 3,53 |
| RR11,18X14,38X1,78-N | 11,18 | 14,38 | 1,78 | RR18,64X25,7X3,53-V  | 18,64 | 25,7  | 3,53 | RR34,52X41,58X3,53-P | 34,52 | 41,58 | 3,53 |
| RR11,18X14,38X1,78-P | 11,18 | 14,38 | 1,78 | RR19X25X3-N          | 19    | 25    | 3    | RR34,52X41,58X3,53-V | 34,52 | 41,58 | 3,53 |
| RR11,18X14,38X1,78-V | 11,18 | 14,38 | 1,78 | RR19X25X3-P          | 19    | 25    | 3    | RR42,5X47,5X3-N      | 42,5  | 47,5  | 3    |
| RR13X16,2X2-N        | 13    | 16,2  | 2    | RR19X25X3-V          | 19    | 25    | 3    | RR42,5X47,5X3-P      | 42,5  | 47,5  | 3    |
|                      |       |       |      | RR22,53X27,13X2,62-N | 22,53 | 27,13 | 2,62 | RR42,5X47,5X3-V      | 42,5  | 47,5  | 3    |
|                      |       |       |      | RR22,53X27,13X2,62-P | 22,53 | 27,13 | 2,62 |                      |       |       |      |

# R15



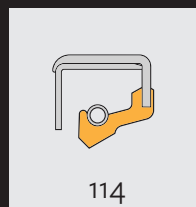
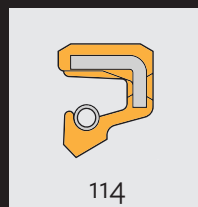
## OMINAISUUDET

Materiaali Polyuretaani  
Lämpötila -30 – +110 °C

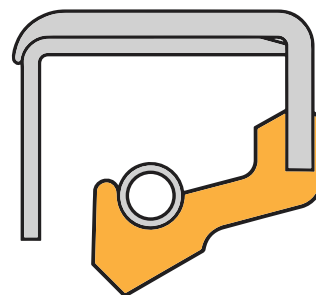
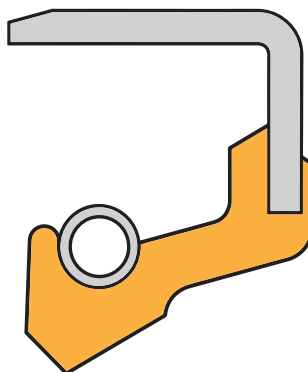
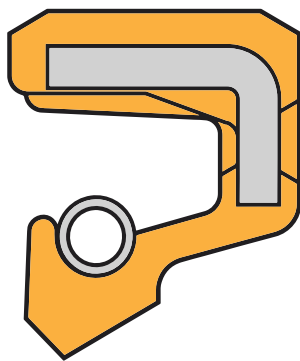
| Tuotekoodi       | D  | d    | L   | R15-75X69,4X5,3L    | 75  | 69,4  | 5,3  |
|------------------|----|------|-----|---------------------|-----|-------|------|
| R15-18X14X5,8L   | 18 | 14   | 5,8 | R15-75X69,6X6,2L    | 75  | 69,6  | 6,2  |
| R15-20X16X5,8L   | 20 | 16   | 5,8 | R15-80X73,6X6,4L    | 80  | 73,6  | 6,4  |
| R15-24X20X4,8L   | 24 | 20   | 4,8 | R15-80X73,8X4,5L    | 80  | 73,8  | 4,5  |
| R15-30X25,4X5,4L | 30 | 25,4 | 5,4 | R15-80X73,8X6,9L    | 80  | 73,8  | 6,9  |
| R15-40X35,4X5,4L | 40 | 35,4 | 5,4 | R15-80X74,4X5,3L    | 80  | 74,4  | 5,3  |
| R15-45X40X5,4L   | 45 | 40   | 5,4 | R15-85X78,6X6,4L    | 85  | 78,6  | 6,4  |
| R15-50X44,6X6,2L | 50 | 44,6 | 6,2 | R15-85X79,4X5,4L    | 85  | 79,4  | 5,4  |
| R15-55X49,9X5,3L | 55 | 49,9 | 5,3 | R15-90X80X7L        | 90  | 80    | 7    |
| R15-57X52,2X4,1L | 57 | 52,2 | 4,1 | R15-90X81,4X9L      | 90  | 81,4  | 9    |
| R15-58X53,4X4L   | 58 | 53,4 | 4   | R15-90X83X6,5L      | 90  | 83    | 6,5  |
| R15-60X54,4X5,8L | 60 | 54,4 | 5,8 | R15-95X89,4X6,2L    | 95  | 89,4  | 6,2  |
| R15-60X54,4X6,2L | 60 | 54,4 | 6,2 | R15-100X90,6X7L     | 100 | 90,6  | 7    |
| R15-60X54,6X6,2L | 60 | 54,6 | 6,2 | R15-100X91,6X8,6L   | 100 | 91,6  | 8,6  |
| R15-63X57,4X4,8L | 63 | 57,4 | 4,8 | R15-100X93,8X6,9L   | 100 | 93,8  | 6,9  |
| R15-63X57,6X6,2L | 63 | 57,6 | 6,2 | R15-110X101,4X9L    | 110 | 101,4 | 9    |
| R15-65X59,4X5L   | 65 | 59,4 | 5   | R15-125X116,4X9L    | 125 | 116,4 | 9    |
| R15-65X59,6X5L   | 65 | 59,6 | 5   | R15-125X116,6X8,6L  | 125 | 116,6 | 8,6  |
| R15-65X59,6X6,2L | 65 | 59,6 | 6,2 | R15-140X131,6X8,5L  | 140 | 131,6 | 8,5  |
| R15-70X64,6X6,2L | 70 | 64,6 | 6,2 | R15-160X148,4X12,3L | 160 | 148,4 | 12,3 |
| R15-70X65X5L     | 70 | 65   | 5   |                     |     |       |      |



# Akselitiivisteet



# AKSELITIIVISTEET



## OMINAISUUDET

Materiaali  
Lämpötila

NBR  
-30 – +110 °C

Viton  
-20 – +200 °C

### A

V

Vitoninen

-AS

Pölyhuulella

-ASV

Vitoninen pölyhuulella

-BABSL

Paineenkestävä (<10bar)

-VBABSL

Vitoninen paineenkestävä (<10bar)

-BAHD

Korkeapainetiiviste (<150bar)

### B

BS

Pölyhuulella

### C

CS

Pölyhuulella

### CAS

Kasettitiiviste

| Tuotekoodi       | d    | D     | H    | A8X16X7V           | 8    | 16    | 7    |
|------------------|------|-------|------|--------------------|------|-------|------|
| A4X11X6V         | 4    | 11    | 6    | A8X18X5AS          | 8    | 18    | 5    |
| A4X12X6          | 4    | 12    | 6    | A8X20X7            | 8    | 20    | 7    |
| A4X12X6V         | 4    | 12    | 6    | A8X22X6BABSL       | 8    | 22    | 6    |
| A5X15X6          | 5    | 15    | 6    | A8X22X7AS          | 8    | 22    | 7    |
| A5X15X6V         | 5    | 15    | 6    | A8X24X7            | 8    | 24    | 7    |
| A5X16X6          | 5    | 16    | 6    | A9X16X4            | 9    | 16    | 4    |
| A6X12X4          | 6    | 12    | 4    | B9X17X4,5          | 9    | 17    | 4,5  |
| A6X13X4,5        | 6    | 13    | 4,5  | A9X18X7            | 9    | 18    | 7    |
| A6X16X7          | 6    | 16    | 7    | A9X19X5AS          | 9    | 19    | 5    |
| A6X22X7          | 6    | 22    | 7    | A9X20X6BABSL       | 9    | 20    | 6    |
| A6,35X19,05X6,35 | 6,35 | 19,05 | 6,35 | A9X20X7AS          | 9    | 20    | 7    |
| A7X14X5          | 7    | 14    | 5    | A9X22X7AS          | 9    | 22    | 7    |
| A7X16X7          | 7    | 16    | 7    | A9X24X7            | 9    | 24    | 7    |
| A7X16X7AS        | 7    | 16    | 7    | A9X26X7            | 9    | 26    | 7    |
| A7X22X7AS        | 7    | 22    | 7    | A9,52X19,05X6,35   | 9,52 | 19,05 | 6,35 |
| A7,93X19,05X6,35 | 7,93 | 19,05 | 6,35 | A9,52X22,22X6,35AS | 9,52 | 22,22 | 6,35 |
| A8X14X4          | 8    | 14    | 4    | A10X16X4           | 10   | 16    | 4    |
| A8X16X5AS        | 8    | 16    | 5    | A10X16X5AS         | 10   | 16    | 5    |
| A8X16X7AS        | 8    | 16    | 7    | A10X17X6           | 10   | 17    | 6    |

|                       |       |       |      |                    |       |       |      |                         |       |        |      |
|-----------------------|-------|-------|------|--------------------|-------|-------|------|-------------------------|-------|--------|------|
| A10X18X4              | 10    | 18    | 4    | A12,7X25,4X6,35AS  | 12,7  | 25,4  | 6,35 | A15X42X7AS              | 15    | 42     | 7    |
| A10X18X6AS            | 10    | 18    | 6    | A12,7X28,57X6,35AS | 12,7  | 28,57 | 6,35 | A15X42X10               | 15    | 42     | 10   |
| A10X18X6ASV           | 10    | 18    | 6    | A12,7X31,75X6,35   | 12,7  | 31,75 | 6,35 | A15X42X10AS             | 15    | 42     | 10   |
| A10X19X7              | 10    | 19    | 7    | B13X20X4BS         | 13    | 20    | 4    | A15,87X25,4X4,76        | 15,87 | 25,4   | 4,76 |
| A10X19X7AS            | 10    | 19    | 7    | A13X22X5           | 13    | 22    | 5    | A15,87X25,4X6,35        | 15,87 | 25,4   | 6,35 |
| A10X19X7BABSL         | 10    | 19    | 7    | A13X22X6           | 13    | 22    | 6    | A15,87X26,98X4,76       | 15,87 | 26,98  | 4,76 |
| A10X20X6              | 10    | 20    | 6    | A13X24X7AS         | 13    | 24    | 7    | A15,87X28,58X6,35       | 15,87 | 28,58  | 6,35 |
| A10X20X7AS            | 10    | 20    | 7    | A13X25X7AS         | 13    | 25    | 7    | A15,87X28,58X7,93       | 15,87 | 28,58  | 7,93 |
| A10X20X7ASV           | 10    | 20    | 7    | A13X26X7AS         | 13    | 26    | 7    | A15,87X28,58X7,93BABSL  | 15,87 | 28,58  | 7,93 |
| A10X22X5AS            | 10    | 22    | 5    | A13X30X7           | 13    | 30    | 7    | A15,87X28,58X9,52       | 15,87 | 28,58  | 9,52 |
| A10X22X6BABSL         | 10    | 22    | 6    | A14X22X4AS         | 14    | 22    | 4    | A15,87X31,75X6,35       | 15,87 | 31,75  | 6,35 |
| A10X22X7              | 10    | 22    | 7    | A14X22X4V          | 14    | 22    | 4    | A15,87X34,92X6,35       | 15,87 | 34,92  | 6,35 |
| A10X22X7AS            | 10    | 22    | 7    | A14X22X5AS         | 14    | 22    | 5    | A16X22X7AS              | 16    | 22     | 7    |
| A10X22X7V             | 10    | 22    | 7    | A14X22X7           | 14    | 22    | 7    | A16X24X5ASV             | 16    | 24     | 5    |
| A10X24X7              | 10    | 24    | 7    | A14X24X5AS         | 14    | 24    | 5    | A16X24X7AS              | 16    | 24     | 7    |
| A10X25X7AS            | 10    | 25    | 7    | A14X24X7AS         | 14    | 24    | 7    | A16X25X7                | 16    | 25     | 7    |
| A10X26X7              | 10    | 26    | 7    | A14X24X7ASV        | 14    | 24    | 7    | A16X26X7AS              | 16    | 26     | 7    |
| A10X26X7AS            | 10    | 26    | 7    | A14X24X7BABSL      | 14    | 24    | 7    | A16X26X7BABSL           | 16    | 26     | 7    |
| A10X30X8              | 10    | 30    | 8    | A14X25X5AS         | 14    | 25    | 5    | A16X28X7AS              | 16    | 28     | 7    |
| A11X19X5              | 11    | 19    | 5    | A14X25X7AS         | 14    | 25    | 7    | A16X28X7BABSL           | 16    | 28     | 7    |
| A11X22X7AS            | 11    | 22    | 7    | A14X26X7           | 14    | 26    | 7    | A16X30X7AS              | 16    | 30     | 7    |
| A11X22X7V             | 11    | 22    | 7    | A14X26X7AS         | 14    | 26    | 7    | A16X30X7ASV             | 16    | 30     | 7    |
| A11X22X7BABSL         | 11    | 22    | 7    | A14X26X7ASV        | 14    | 26    | 7    | A16X30X7BABSL           | 16    | 30     | 7    |
| A11X26X7              | 11    | 26    | 7    | A14X28X7           | 14    | 28    | 7    | A16X32X7AS              | 16    | 32     | 7    |
| A11,11X22,22X6,35AS   | 11,11 | 22,22 | 6,35 | A14X28X7AS         | 14    | 28    | 7    | A16X32X7ASV             | 16    | 32     | 7    |
| A11,11X25,4X6,35AS    | 11,11 | 25,4  | 6,35 | A14X28X7BABSL      | 14    | 28    | 7    | A16X35X7                | 16    | 35     | 7    |
| A11,11X25,4X9,52BABSL | 11,11 | 25,4  | 9,52 | A14X30X7           | 14    | 30    | 7    | A16X36X7                | 16    | 36     | 7    |
| A12X18X3              | 12    | 18    | 3    | A14X35X7AS         | 14    | 35    | 7    | A17X25X4                | 17    | 25     | 4    |
| A12X18X5              | 12    | 18    | 5    | A14,28X25,4X6,35AS | 14,28 | 25,4  | 6,35 | A17X26X7                | 17    | 26     | 7    |
| A12X19X5AS            | 12    | 19    | 5    | A14,28X28,57X9,52  | 14,28 | 28,57 | 9,52 | A17X27X7                | 17    | 27     | 7    |
| A12X20X5              | 12    | 20    | 5    | A15X24X5           | 15    | 24    | 5    | A17X28X5                | 17    | 28     | 5    |
| A12X20X5AS            | 12    | 20    | 5    | A15X24X7           | 15    | 24    | 7    | A17X28X6VBABSL          | 17    | 28     | 6    |
| A12X21X4              | 12    | 21    | 4    | A15X24X7AS         | 15    | 24    | 7    | A17X28X7                | 17    | 28     | 7    |
| A12X21X5              | 12    | 21    | 5    | A15X24X7BABSL      | 15    | 24    | 7    | A17X28X7AS              | 17    | 28     | 7    |
| A12X22X5              | 12    | 22    | 5    | A15X25X5           | 15    | 25    | 5    | A17X28X7BABSL           | 17    | 28     | 7    |
| A12X22X6BABSL         | 12    | 22    | 6    | A15X25X5AS         | 15    | 25    | 5    | A17X29X7AS              | 17    | 29     | 7    |
| A12X22X7              | 12    | 22    | 7    | A15X25X6BABSL      | 15    | 25    | 6    | A17X30X6BABSL           | 17    | 30     | 6    |
| A12X22X7AS            | 12    | 22    | 7    | A15X26X4,5         | 15    | 26    | 4,5  | A17X30X6VBABSL          | 17    | 30     | 6    |
| A12X22X7ASV           | 12    | 22    | 7    | A15X26X7           | 15    | 26    | 7    | A17X30X7                | 17    | 30     | 7    |
| A12X24X4,5            | 12    | 24    | 4,5  | A15X26X7AS         | 15    | 26    | 7    | A17X30X7AS              | 17    | 30     | 7    |
| A12X24X7              | 12    | 24    | 7    | A15X26X7ASV        | 15    | 26    | 7    | A17X30X7ASV             | 17    | 30     | 7    |
| A12X24X7AS            | 12    | 24    | 7    | A15X27X7AS         | 15    | 27    | 7    | A17X30X7V               | 17    | 30     | 7    |
| A12X25X5AS            | 12    | 25    | 5    | A15X28X4AS         | 15    | 28    | 4    | A17X30X7BABSL           | 17    | 30     | 7    |
| A12X25X8              | 12    | 25    | 8    | A15X28X5           | 15    | 28    | 5    | A17X30X7VBABSL          | 17    | 30     | 7    |
| A12X25X8AS            | 12    | 25    | 8    | A15X28X7AS         | 15    | 28    | 7    | A17X32X7                | 17    | 32     | 7    |
| A12X26X7              | 12    | 26    | 7    | A15X30X7           | 15    | 30    | 7    | A17X32X7AS              | 17    | 32     | 7    |
| A12X28X5              | 12    | 28    | 5    | A15X30X7AS         | 15    | 30    | 7    | A17X35X7AS              | 17    | 35     | 7    |
| A12X28X7              | 12    | 28    | 7    | A15X30X7ASV        | 15    | 30    | 7    | A17X35X7BABSL           | 17    | 35     | 7    |
| A12X28X7AS            | 12    | 28    | 7    | A15X30X7BABSL      | 15    | 30    | 7    | A17X35X7VBABSL          | 17    | 35     | 7    |
| A12X28X7ASV           | 12    | 28    | 7    | A15X30X7VBABSL     | 15    | 30    | 7    | A17X37X7                | 17    | 37     | 7    |
| A12X28X7BABSL         | 12    | 28    | 7    | A15X32X5,5V        | 15    | 32    | 5,5  | A17X40X7                | 17    | 40     | 7    |
| A12X30X7              | 12    | 30    | 7    | A15X32X7           | 15    | 32    | 7    | A17X40X7AS              | 17    | 40     | 7    |
| A12X30X7AS            | 12    | 30    | 7    | A15X32X7AS         | 15    | 32    | 7    | A17X47X8AS              | 17    | 47     | 8    |
| A12X32X7AS            | 12    | 32    | 7    | A15X32X7ASV        | 15    | 32    | 7    | A17,15X34,925X7,62BABSL | 17,15 | 34,925 | 7,62 |
| A12X32X7BABSL         | 12    | 32    | 7    | A15X32X7BABSL      | 15    | 32    | 7    | A17,46X28,57X6,35       | 17,46 | 28,57  | 6,35 |
| A12X35X7              | 12    | 35    | 7    | A15X35X6BABSL      | 15    | 35    | 6    | A17,46X28,58X6,35BABSL  | 17,46 | 28,58  | 6,35 |
| A12X37X7AS            | 12    | 37    | 7    | A15X35X7           | 15    | 35    | 7    | A17,46X28,58X6,35VBABSL | 17,46 | 28,58  | 6,35 |
| A12X45X7              | 12    | 45    | 7    | A15X35X7AS         | 15    | 35    | 7    | A17,46X30,16X6,35BABSL  | 17,46 | 30,16  | 6,35 |
| A12,5X19X5            | 12,5  | 19    | 5    | A15X35X10AS        | 15    | 35    | 10   |                         |       |        |      |
| A12,5X20X5            | 12,5  | 20    | 5    | A15X37X7AS         | 15    | 37    | 7    |                         |       |        |      |
| A12,7X22,22X6,35      | 12,7  | 22,22 | 6,35 | A15X42X7           | 15    | 42    | 7    |                         |       |        |      |
| A12,7X22,22X6,35BABSL | 12,7  | 22,22 | 6,35 |                    |       |       |      |                         |       |        |      |

|                        |       |       |      |                        |       |       |      |                        |       |       |      |
|------------------------|-------|-------|------|------------------------|-------|-------|------|------------------------|-------|-------|------|
| A17,46X31,75X6,35      | 17,46 | 31,75 | 6,35 | A20X36X7               | 20    | 36    | 7    | A23X40X7AS             | 23    | 40    | 7    |
| A18X26X5BABSL          | 18    | 26    | 5    | A20X36X7AS             | 20    | 36    | 7    | A23X40X10              | 23    | 40    | 10   |
| A18X26X6               | 18    | 26    | 6    | A20X37X7               | 20    | 37    | 7    | A23X47X4AS             | 23    | 47    | 4    |
| A18X28X7               | 18    | 28    | 7    | A20X37X8AS             | 20    | 37    | 8    | A23X47X7AS             | 23    | 47    | 7    |
| A18X28X7AS             | 18    | 28    | 7    | A20X38X7AS             | 20    | 38    | 7    | A23,81X38,1X9,52       | 23,81 | 38,1  | 9,52 |
| A18X28X7VBABSL         | 18    | 28    | 7    | A20X38X8AS             | 20    | 38    | 8    | A23,81X44,45X7,93AS    | 23,81 | 44,45 | 7,93 |
| A18X30X6AS             | 18    | 30    | 6    | A20X40X7AS             | 20    | 40    | 7    | A23,81X44,45X9,52      | 23,81 | 44,45 | 9,52 |
| A18X30X6BABSL          | 18    | 30    | 6    | A20X40X7ASV            | 20    | 40    | 7    | A24X33X5BABSL          | 24    | 33    | 5    |
| A18X30X6VBABSL         | 18    | 30    | 6    | A20X40X7VBABSL         | 20    | 40    | 7    | A24X35X7AS             | 24    | 35    | 7    |
| A18X30X7               | 18    | 30    | 7    | A20X40X10AS            | 20    | 40    | 10   | A24X35X7V              | 24    | 35    | 7    |
| A18X30X7AS             | 18    | 30    | 7    | A20X42X6BABSL          | 20    | 42    | 6    | A24X37X5AS             | 24    | 37    | 5    |
| A18X32X6BABSL          | 18    | 32    | 6    | A20X42X7AS             | 20    | 42    | 7    | A24X37X7AS             | 24    | 37    | 7    |
| A18X32X7               | 18    | 32    | 7    | A20X42X7ASV            | 20    | 42    | 7    | A24X40X7AS             | 24    | 40    | 7    |
| A18X32X7AS             | 18    | 32    | 7    | A20X42X10AS            | 20    | 42    | 10   | A24X40X7BABSL          | 24    | 40    | 7    |
| A18X32X7ASV            | 18    | 32    | 7    | A20X45X7AS             | 20    | 45    | 7    | A24X40X10V             | 24    | 40    | 10   |
| A18X35X6BABSL          | 18    | 35    | 6    | A20X45X7BABSL          | 20    | 45    | 7    | A24X42X7               | 24    | 42    | 7    |
| A18X35X7               | 18    | 35    | 7    | A20X47X6VBABSL         | 20    | 47    | 6    | A24X47X7AS             | 24    | 47    | 7    |
| A18X35X7AS             | 18    | 35    | 7    | A20X47X7AS             | 20    | 47    | 7    | A24X47X7ASV            | 24    | 47    | 7    |
| A18X37X8AS             | 18    | 37    | 8    | A20X47X7ASV            | 20    | 47    | 7    | A24X47X7BABSL          | 24    | 47    | 7    |
| A18X40X7               | 18    | 40    | 7    | A20X47X10AS            | 20    | 47    | 10   | A24,51X42,85X7,93BABSL | 24,51 | 42,85 | 7,93 |
| A19X27X6               | 19    | 27    | 6    | A20X52X7               | 20    | 52    | 7    | A25X32X7AS             | 25    | 32    | 7    |
| A19X30X6               | 19    | 30    | 6    | A20X52X7V              | 20    | 52    | 7    | A25X33X6               | 25    | 33    | 6    |
| A19X30X7VBABSL         | 19    | 30    | 7    | A20X62X6,5             | 20    | 62    | 6,5  | A25X33X6BABSL          | 25    | 33    | 6    |
| A19X32X7               | 19    | 32    | 7    | A20,64X34,92X6,35      | 20,64 | 34,92 | 6,35 | A25X34X7AS             | 25    | 34    | 7    |
| A19X32X7AS             | 19    | 32    | 7    | A20,64X38,1X6,35       | 20,64 | 38,1  | 6,35 | A25X35X6BABSL          | 25    | 35    | 6    |
| A19X32X7V              | 19    | 32    | 7    | A22X28X6VBABSL         | 22    | 28    | 6    | A25X35X6VBABSL         | 25    | 35    | 6    |
| A19X35X6VBABSL         | 19    | 35    | 6    | A22X30X7               | 22    | 30    | 7    | A25X35X7AS             | 25    | 35    | 7    |
| A19X36X7               | 19    | 36    | 7    | A22X30X7V              | 22    | 30    | 7    | A25X36X6BABSL          | 25    | 36    | 6    |
| A19X36X8               | 19    | 36    | 8    | A22X32X6BABSL          | 22    | 32    | 6    | A25X37X5               | 25    | 37    | 5    |
| A19,05X28,57X4,76      | 19,05 | 28,57 | 4,76 | A22X32X6VBABSL         | 22    | 32    | 6    | A25X37X6BABSL          | 25    | 37    | 6    |
| A19,05X28,57X6,35AS    | 19,05 | 28,57 | 6,35 | A22X32X7AS             | 22    | 32    | 7    | A25X37X6VBABSL         | 25    | 37    | 6    |
| A19,05X31,75X6,35AS    | 19,05 | 31,75 | 6,35 | A22X34X7               | 22    | 34    | 7    | A25X37X7AS             | 25    | 37    | 7    |
| A19,05X31,75X6,35BABSL | 19,05 | 31,75 | 6,35 | A22X35X6BABSL          | 22    | 35    | 6    | A25X38X7ASV            | 25    | 38    | 7    |
| A19,05X31,75X7,93      | 19,05 | 31,75 | 7,93 | A22X35X6VBABSL         | 22    | 35    | 6    | A25X38X8AS             | 25    | 38    | 8    |
| A19,05X33,3X7,93       | 19,05 | 33,3  | 7,93 | A22X35X7AS             | 22    | 35    | 7    | A25X38X10AS            | 25    | 38    | 10   |
| A19,05X33,3X7,93BABSL  | 19,05 | 33,3  | 7,93 | A22X36X8AS             | 22    | 36    | 8    | A25X40X5AS             | 25    | 40    | 5    |
| A19,05X34,92X6,35      | 19,05 | 34,92 | 6,35 | A22X37X7               | 22    | 37    | 7    | A25X40X7               | 25    | 40    | 7    |
| A19,05X38,1X9,52AS     | 19,05 | 38,1  | 9,52 | A22X38X6VBABSL         | 22    | 38    | 6    | A25X40X7AS             | 25    | 40    | 7    |
| A19,05X41,27X7,93      | 19,05 | 41,27 | 7,93 | A22X38X8AS             | 22    | 38    | 8    | A25X40X7ASV            | 25    | 40    | 7    |
| A19,05X44,45X7,93      | 19,05 | 44,45 | 7,93 | A22X40X7AS             | 22    | 40    | 7    | A25X40X7BABSL          | 25    | 40    | 7    |
| A19,5X30X6VBABSL       | 19,5  | 30    | 6    | A22X40X8BABSL          | 22    | 40    | 8    | A25X40X10AS            | 25    | 40    | 10   |
| A20X28X6               | 20    | 28    | 6    | A22X42X7AS             | 22    | 42    | 7    | A25X40X10ASV           | 25    | 40    | 10   |
| A20X28X6V              | 20    | 28    | 6    | A22X42X11BABSL         | 22    | 42    | 11   | A25X41,2X6V            | 25    | 41,2  | 6    |
| A20X28X7AS             | 20    | 28    | 7    | A22X45X7AS             | 22    | 45    | 7    | A25X42X6BABSL          | 25    | 42    | 6    |
| A20X30X5AS             | 20    | 30    | 5    | A22X47X7AS             | 22    | 47    | 7    | A25X42X6VBABSL         | 25    | 42    | 6    |
| A20X30X5ASV            | 20    | 30    | 5    | A22,22X31,75X6,35      | 22,22 | 31,75 | 6,35 | A25X42X7AS             | 25    | 42    | 7    |
| A20X30X7AS             | 20    | 30    | 7    | A22,22X34,92X6,35      | 22,22 | 34,92 | 6,35 | A25X42X7ASV            | 25    | 42    | 7    |
| A20X30X7ASV            | 20    | 30    | 7    | A22,22X34,92X6,35BABSL | 22,22 | 34,92 | 6,35 | A25X42X10AS            | 25    | 42    | 10   |
| A20X30X7BABSL          | 20    | 30    | 7    | A22,22X34,92X9,52      | 22,22 | 34,92 | 9,52 | A25X44X7AS             | 25    | 44    | 7    |
| A20X32X5AS             | 20    | 32    | 5    | A22,22X38,1X6,35       | 22,22 | 38,1  | 6,35 | A25X45X7AS             | 25    | 45    | 7    |
| A20X32X6VBABSL         | 20    | 32    | 6    | A22,22X38,1X6,35BABSL  | 22,22 | 38,1  | 6,35 | A25X45X10AS            | 25    | 45    | 10   |
| A20X32X7AS             | 20    | 32    | 7    | A22,22X38,1X9,52       | 22,22 | 38,1  | 9,52 | A25X45X10ASV           | 25    | 45    | 10   |
| A20X34X7AS             | 20    | 34    | 7    | A22,22X41,27X9,52      | 22,22 | 41,27 | 9,52 | A25X45X11BABSL         | 25    | 45    | 11   |
| A20X35X4,5AS           | 20    | 35    | 4,5  | A22,22X44,45X9,52      | 22,22 | 44,45 | 9,52 | A25X46X9,5VBABSL       | 25    | 46    | 9,5  |
| A20X35X6BABSL          | 20    | 35    | 6    | A22,22X47,62X6,35      | 22,22 | 47,62 | 6,35 | A25X47X6BABSL          | 25    | 47    | 6    |
| A20X35X6VBABSL         | 20    | 35    | 6    | B23X32X5               | 23    | 32    | 5    | A25X47X7AS             | 25    | 47    | 7    |
| A20X35X7AS             | 20    | 35    | 7    | A23X35X7AS             | 23    | 35    | 7    | A25X47X7ASV            | 25    | 47    | 7    |
| A20X35X7ASV            | 20    | 35    | 7    | A23X38X7               | 23    | 38    | 7    | A25X47X10AS            | 25    | 47    | 10   |

|                       |       |       |      |                        |       |       |      |                        |       |       |      |
|-----------------------|-------|-------|------|------------------------|-------|-------|------|------------------------|-------|-------|------|
| A25X48X10AS           | 25    | 48    | 10   | A28X44X7AS             | 28    | 44    | 7    | A30X50X10AS            | 30    | 50    | 10   |
| A25X50X10AS           | 25    | 50    | 10   | A28X45X7AS             | 28    | 45    | 7    | A30X50X10V             | 30    | 50    | 10   |
| A25X52X7AS            | 25    | 52    | 7    | A28X47X7AS             | 28    | 47    | 7    | A30X50X12AS            | 30    | 50    | 12   |
| A25X52X7ASV           | 25    | 52    | 7    | A28X47X10ASV           | 28    | 47    | 10   | A30X52X7AS             | 30    | 52    | 7    |
| A25X52X7BABSL         | 25    | 52    | 7    | A28X48X11AS            | 28    | 48    | 11   | A30X52X7ASV            | 30    | 52    | 7    |
| A25X52X10AS           | 25    | 52    | 10   | A28X50X8               | 28    | 50    | 8    | A30X52X7BABSL          | 30    | 52    | 7    |
| A25X58X10             | 25    | 58    | 10   | A28X50X10              | 28    | 50    | 10   | A30X52X7VBABSL         | 30    | 52    | 7    |
| A25X62X8AS            | 25    | 62    | 8    | A28X52X7AS             | 28    | 52    | 7    | A30X52X8               | 30    | 52    | 8    |
| A25X62X10AS           | 25    | 62    | 10   | A28X52X7ASV            | 28    | 52    | 7    | A30X52X10AS            | 30    | 52    | 10   |
| A25,4X36,51X6,35      | 25,4  | 36,51 | 6,35 | A28,5X42X5BABSL        | 28,5  | 42    | 5    | A30X55X7AS             | 30    | 55    | 7    |
| A25,4X38,1X6,35AS     | 25,4  | 38,1  | 6,35 | A28,56X42X5,5BABSL     | 28,56 | 42    | 5,5  | A30X55X10AS            | 30    | 55    | 10   |
| A25,4X38,1X6,35BABSL  | 25,4  | 38,1  | 6,35 | A28,56X48X6BAHD        | 28,56 | 48    | 6    | A30X56X8               | 30    | 56    | 8    |
| A25,4X41,27X6,35AS    | 25,4  | 41,27 | 6,35 | A28,57X38,1X6,35       | 28,57 | 38,1  | 6,35 | A30X56X10              | 30    | 56    | 10   |
| A25,4X41,27X9,52      | 25,4  | 41,27 | 9,52 | A28,57X39,69X9,52      | 28,57 | 39,69 | 9,52 | A30X56X12              | 30    | 56    | 12   |
| A25,4X44,45X6,35      | 25,4  | 44,45 | 6,35 | A28,57X41,27X6,35      | 28,57 | 41,27 | 6,35 | A30X60X10              | 30    | 60    | 10   |
| A25,4X44,45X7,93BABSL | 25,4  | 44,45 | 7,93 | A28,57X41,27X7,93      | 28,57 | 41,27 | 7,93 | A30X62X7               | 30    | 62    | 7    |
| A25,40X47,62X6,35     | 25,4  | 47,62 | 6,35 | A28,57X42,87X6,35      | 28,57 | 42,87 | 6,35 | A30X62X7AS             | 30    | 62    | 7    |
| A25,4X47,62X9,52AS    | 25,4  | 47,62 | 9,52 | A28,57X44,45X9,52      | 28,57 | 44,45 | 9,52 | A30X62X7P              | 30    | 62    | 7    |
| A25,4X50,8X6,3        | 25,4  | 50,8  | 6,3  | A28,57X47,63X6,35      | 28,57 | 47,63 | 6,35 | A30X62X7V              | 30    | 62    | 7    |
| A26X35X7              | 26    | 35    | 7    | A28,57X47,63X6,35BABSL | 28,57 | 47,63 | 6,35 | A30X62X10AS            | 30    | 62    | 10   |
| A26X36X7AS            | 26    | 36    | 7    | A28,57X50,8X6,35AS     | 28,57 | 50,8  | 6,35 | A30X63X9,1P            | 30    | 63    | 9,1  |
| A26X37X7AS            | 26    | 37    | 7    | A28,57X50,8X6,35BABSL  | 28,57 | 50,8  | 6,35 | A30X68X10AS            | 30    | 68    | 10   |
| A26X38X5AS            | 26    | 38    | 5    | A28,57X50,8X6,35VBABSL | 28,57 | 50,8  | 6,35 | A30X72X10AS            | 30    | 72    | 10   |
| A26X38X7AS            | 26    | 38    | 7    | A28,57X50,8X9,52AS     | 28,57 | 50,8  | 9,52 | A30,16X42,86X9,52      | 30,16 | 42,86 | 9,52 |
| A26X40X6VBABSL        | 26    | 40    | 6    | A28,57X53,97X9,52      | 28,57 | 53,97 | 9,52 | A30,16X44,45X6,35      | 30,16 | 44,45 | 6,35 |
| A26X40X7AS            | 26    | 40    | 7    | A29X43X7               | 29    | 43    | 7    | A30,16X47,62X7,93      | 30,16 | 47,62 | 7,93 |
| A26X42X6              | 26    | 42    | 6    | A30X36X5               | 30    | 36    | 5    | A30,16X50,8X6,35       | 30,16 | 50,8  | 6,35 |
| A26X42X7AS            | 26    | 42    | 7    | A30X40X5BABSL          | 30    | 40    | 5    | A30,16X50,8X9,52       | 30,16 | 50,8  | 9,52 |
| A26X42X7ASV           | 26    | 42    | 7    | A30X40X6BABSL          | 30    | 40    | 6    | A31X52X9               | 31    | 52    | 9    |
| A26X42X10AS           | 26    | 42    | 10   | A30X40X7               | 30    | 40    | 7    | A31,75X41,27X6,35      | 31,75 | 41,27 | 6,35 |
| A26X45X7              | 26    | 45    | 7    | A30X40X7AS             | 30    | 40    | 7    | A31,75X42,86X6,35AS    | 31,75 | 42,86 | 6,35 |
| A26X47X7AS            | 26    | 47    | 7    | A30X40X7VBABSL         | 30    | 40    | 7    | A31,75X44,45X6,35      | 31,75 | 44,45 | 6,35 |
| A26X52X7AS            | 26    | 52    | 7    | A30X42X6BABSL          | 30    | 42    | 6    | A31,75X44,45X6,35BABSL | 31,75 | 44,45 | 6,35 |
| A26,98X38,1X6,35      | 26,98 | 38,1  | 6,35 | A30X42X6VBABSL         | 30    | 42    | 6    | A31,75X47,63X7,93      | 31,75 | 47,63 | 7,93 |
| A26,98X41,27X7,93     | 26,98 | 41,27 | 7,93 | A30X42X7AS             | 30    | 42    | 7    | A31,75X50,8X6,35       | 31,75 | 50,8  | 6,35 |
| A27X37X7AS            | 27    | 37    | 7    | A30X42X7ASV            | 30    | 42    | 7    | A31,75X50,8X6,35AS     | 31,75 | 50,8  | 6,35 |
| A27X38X7              | 27    | 38    | 7    | A30X42X7DUO            | 30    | 42    | 7    | A31,75X50,8X7,93AS     | 31,75 | 50,8  | 7,93 |
| A27X39X6VBABASL       | 27    | 39    | 6    | A30X44X7AS             | 30    | 44    | 7    | A31,75X50,8X9,52       | 31,75 | 50,8  | 9,52 |
| A27X39X6VBABSL        | 27    | 39    | 6    | A30X44X10AS            | 30    | 44    | 10   | A31,75X53,97X7,93      | 31,75 | 53,97 | 7,93 |
| A27X40X7AS            | 27    | 40    | 7    | A30X45X5AS             | 30    | 45    | 5    | A31,75X57,15X12,7      | 31,75 | 57,15 | 12,7 |
| A27X41X10             | 27    | 41    | 10   | A30X45X8AS             | 30    | 45    | 8    | A31,75X63,5X9,52       | 31,75 | 63,5  | 9,52 |
| A27X42X7AS            | 27    | 42    | 7    | A30X45X8ASV            | 30    | 45    | 8    | A31,75X69,85X9,52      | 31,75 | 69,85 | 9,52 |
| A27X42X7BABSL         | 27    | 42    | 7    | A30X45X10AS            | 30    | 45    | 10   | A32X40X7AS             | 32    | 40    | 7    |
| A27X43X9AS            | 27    | 43    | 9    | A30X45X10BABSL         | 30    | 45    | 10   | A32X40X7ASV            | 32    | 40    | 7    |
| A27X44X7BABSL         | 27    | 44    | 7    | A30X46X7AS             | 30    | 46    | 7    | A32X42X5               | 32    | 42    | 5    |
| A27X45X8AS            | 27    | 45    | 8    | A30X47X7AS             | 30    | 47    | 7    | A32X42X7AS             | 32    | 42    | 7    |
| A27X47X6              | 27    | 47    | 6    | A30X47X7ASV            | 30    | 47    | 7    | A32X42X7B              | 32    | 42    | 7    |
| A27X47X10             | 27    | 47    | 10   | A30X47X7VBABSL         | 30    | 47    | 7    | A32X44X8BABSL          | 32    | 44    | 8    |
| A27X50X10             | 27    | 50    | 10   | A30X47X8V              | 30    | 47    | 8    | A32X44X10AS            | 32    | 44    | 10   |
| A28X35X4ASV           | 28    | 35    | 4    | A30X47X10              | 30    | 47    | 10   | A32X45X7AS             | 32    | 45    | 7    |
| A28X38X7AS            | 28    | 38    | 7    | A30X47X10AS            | 30    | 47    | 10   | A32X45X7ASV            | 32    | 45    | 7    |
| A28X40X5              | 28    | 40    | 5    | A30X48X6VBABSL         | 30    | 48    | 6    | A32X47X6BABSL          | 32    | 47    | 6    |
| A28X40X6BABSL         | 28    | 40    | 6    | A30X48X8AS             | 30    | 48    | 8    | A32X47X6VBABSL         | 32    | 47    | 6    |
| A28X40X6VBABSL        | 28    | 40    | 6    | A30X50X7AS             | 30    | 50    | 7    | A32X47X7AS             | 32    | 47    | 7    |
| A28X40X7AS            | 28    | 40    | 7    | A30X50X7BS             | 30    | 50    | 7    | A32X47X10AS            | 32    | 47    | 10   |
| A28X40X9BABSL         | 28    | 40    | 9    | A30X50X7V              | 30    | 50    | 7    | A32X48X8AS             | 32    | 48    | 8    |
| A28X42X7AS            | 28    | 42    | 7    | A30X50X7BABSL          | 30    | 50    | 7    | A32X50X7AS             | 32    | 50    | 7    |
| A28X43X10             | 28    | 43    | 10   | A30X50X10              | 30    | 50    | 10   | A32X50X8AS             | 32    | 50    | 8    |

|                        |       |       |       |                     |       |       |       |                        |       |       |      |
|------------------------|-------|-------|-------|---------------------|-------|-------|-------|------------------------|-------|-------|------|
| A32X50X10AS            | 32    | 50    | 10    | A35X52X7AS          | 35    | 52    | 7     | A36,51X63,5X12,7       | 36,51 | 63,5  | 12,7 |
| A32X52X6BABSL          | 32    | 52    | 6     | A35X52X10AS         | 35    | 52    | 10    | A37X52X8               | 37    | 52    | 8    |
| A32X52X7AS             | 32    | 52    | 7     | A35X52X10ASV        | 35    | 52    | 10    | A37X62X8               | 37    | 62    | 8    |
| A32X52X8AS             | 32    | 52    | 8     | A35X54X5,5VBABSL    | 35    | 54    | 5,5   | A37X62X12              | 37    | 62    | 12   |
| A32X52X10AS            | 32    | 52    | 10    | A35X55X7AS          | 35    | 55    | 7     | A38X50X6BABSL          | 38    | 50    | 6    |
| A32X52X10B             | 32    | 52    | 10    | A35X55X8AS          | 35    | 55    | 8     | A38X50X6VBABSL         | 38    | 50    | 6    |
| A32X54X10AS            | 32    | 54    | 10    | A35X55X10AS         | 35    | 55    | 10    | A38X50X7AS             | 38    | 50    | 7    |
| A32X55X9VBABSL         | 32    | 55    | 9     | A35X55X11BABSL      | 35    | 55    | 11    | A38X50X7ASV            | 38    | 50    | 7    |
| A32X55X10AS            | 32    | 55    | 10    | A35X55X11VBABSL     | 35    | 55    | 11    | A38X50X8AS             | 38    | 50    | 8    |
| A32X56X10AS            | 32    | 56    | 10    | A35X55X12B          | 35    | 55    | 12    | A38X52X7AS             | 38    | 52    | 7    |
| A32X62X10AS            | 32    | 62    | 10    | A35X56X10AS         | 35    | 56    | 10    | A38X52X7ASV            | 38    | 52    | 7    |
| A32X72X8AS             | 32    | 72    | 8     | A35X58X10AS         | 35    | 58    | 10    | A38X54X6,5             | 38    | 54    | 6,5  |
| A33X43X7               | 33    | 43    | 7     | A35X58X10BABSL      | 35    | 58    | 10    | A38X54X10AS            | 38    | 54    | 10   |
| A33X45X7AS             | 33    | 45    | 7     | A35X60X8AS          | 35    | 60    | 8     | A38X55X7AS             | 38    | 55    | 7    |
| A33X50X10AS            | 33    | 50    | 10    | A35X60X10AS         | 35    | 60    | 10    | A38X55X7ASV            | 38    | 55    | 7    |
| A33X62X7AS             | 33    | 62    | 7     | C35X60X10           | 35    | 60    | 10    | A38X56X10              | 38    | 56    | 10   |
| A33,33X47,62X6,35      | 33,33 | 47,62 | 6,35  | A35X62X7AS          | 35    | 62    | 7     | A38X58X7AS             | 38    | 58    | 7    |
| A33,33X47,62X7,9       | 33,33 | 47,62 | 7,9   | A35X62X7ASV         | 35    | 62    | 7     | B38X58X8BS             | 38    | 58    | 8    |
| A33,33X53,97X9,52      | 33,33 | 53,97 | 9,52  | A35X62X7BABSL       | 35    | 62    | 7     | A38X58X11AS            | 38    | 58    | 11   |
| A33,34X72,39X9,52BABSL | 33,34 | 72,39 | 9,52  | A35X62X10AS         | 35    | 62    | 10    | A38X58X11BABSL         | 38    | 58    | 11   |
| A34X44X7               | 34    | 44    | 7     | A35X62X12AS         | 35    | 62    | 12    | A38X60X8AS             | 38    | 60    | 8    |
| A34X46X8AS             | 34    | 46    | 8     | A35X65X7AS          | 35    | 65    | 7     | A38X60X10              | 38    | 60    | 10   |
| A34X47X7AS             | 34    | 47    | 7     | A35X65X10AS         | 35    | 65    | 10    | A38X62X7AS             | 38    | 62    | 7    |
| A34X48X8AS             | 34    | 48    | 8     | A35X65X10ASV        | 35    | 65    | 10    | A38X62X7BABSL          | 38    | 62    | 7    |
| A34X50X7AS             | 34    | 50    | 7     | A35X68X6            | 35    | 68    | 6     | A38X62X10AS            | 38    | 62    | 10   |
| A34X50X10AS            | 34    | 50    | 10    | A35X68X10AS         | 35    | 68    | 10    | A38X72X10AS            | 38    | 72    | 10   |
| A34X52X8               | 34    | 52    | 8     | A35X68X10V          | 35    | 68    | 10    | A38X74X10              | 38    | 74    | 10   |
| A34X54X11AS            | 34    | 54    | 11    | A35X70X10           | 35    | 70    | 10    | A38,1X50,8X6,35        | 38,1  | 50,8  | 6,35 |
| A34X62X10              | 34    | 62    | 10    | A35X72X7AS          | 35    | 72    | 7     | A38,1X50,8X6,35BABSL   | 38,1  | 50,8  | 6,35 |
| A34X72X10AS            | 34    | 72    | 10    | A35X72X7ASV         | 35    | 72    | 7     | A38,1X50,8X7,93        | 38,1  | 50,8  | 7,93 |
| A34,1X53,98X9,52       | 34,1  | 53,98 | 9,52  | A35X72X10           | 35    | 72    | 10    | A38,1X52,38X7,92       | 38,1  | 52,38 | 7,92 |
| A34,92X44,45X6,35      | 34,92 | 44,45 | 6,35  | A35X72X10AS         | 35    | 72    | 10    | A38,1X52,38X9,52       | 38,1  | 52,38 | 9,52 |
| A34,92X47,62X7,93      | 34,92 | 47,62 | 7,93  | C35X72X10           | 35    | 72    | 10    | A38,1X53,98X9,52       | 38,1  | 53,98 | 9,52 |
| A34,92X49,21X14,28     | 34,92 | 49,21 | 14,28 | A35X72X12AS         | 35    | 72    | 12    | A38,1X57,15X7,93BABSL  | 38,1  | 57,15 | 7,93 |
| A34,92X50,8X7,93       | 34,92 | 50,8  | 7,93  | A35X76X9AS          | 35    | 76    | 9     | A38,1X57,15X7,93VBABSL | 38,1  | 57,15 | 7,93 |
| A34,92X50,8X7,93VBABSL | 34,92 | 50,8  | 7,93  | A35X80X10AS         | 35    | 80    | 10    | A38,1X57,15X9,52AS     | 38,1  | 57,15 | 9,52 |
| A34,92X50,8X12,7       | 34,92 | 50,8  | 12,7  | A35X80X12           | 35    | 80    | 12    | A38,1X57,15X9,52BABSL  | 38,1  | 57,15 | 9,52 |
| A34,92X53,98X7,93      | 34,92 | 53,98 | 7,93  | A35X80X12ASV        | 35    | 80    | 12    | A38,1X60,3X12,7        | 38,1  | 60,3  | 12,7 |
| A34,92X53,98X9,52      | 34,92 | 53,98 | 9,52  | A36X46X7AS          | 36    | 46    | 7     | A38,1X60,32X9,52AS     | 38,1  | 60,32 | 9,52 |
| A34,92X57,15X8,85BABSL | 34,92 | 57,15 | 8,85  | A36X47X7AS          | 36    | 47    | 7     | A38,1X63,5X9,52        | 38,1  | 63,5  | 9,52 |
| A34,92X57,15X9,52AS    | 34,92 | 57,15 | 9,52  | A36X48X5BABSL       | 36    | 48    | 5     | A38,1X63,5X12,7        | 38,1  | 63,5  | 12,7 |
| A34,92X60,33X12,7      | 34,92 | 60,33 | 12,7  | A36X48X10           | 36    | 48    | 10    | A38,1X69,85X9,52AS     | 38,1  | 69,85 | 9,52 |
| A34,92X63,5X12,7       | 34,92 | 63,5  | 12,7  | A36X50X7AS          | 36    | 50    | 7     | A39,68X60,3X9,52       | 39,68 | 60,3  | 9,52 |
| A35X45X7AS             | 35    | 45    | 7     | A36X50X10           | 36    | 50    | 10    | A39,68X63,50X9,52      | 39,68 | 63,5  | 9,52 |
| A35X47X6BABSL          | 35    | 47    | 6     | A36X52X7AS          | 36    | 52    | 7     | A40X50X7AS             | 40    | 50    | 7    |
| A35X47X6VBABSL         | 35    | 47    | 6     | A36X52X9AS          | 36    | 52    | 9     | A40X50X8               | 40    | 50    | 8    |
| A35X47X7AS             | 35    | 47    | 7     | A36X54X7AS          | 36    | 54    | 7     | A40X52X5AS             | 40    | 52    | 5    |
| A35X47X7ASV            | 35    | 47    | 7     | A36X56X10           | 36    | 56    | 10    | A40X52X6V              | 40    | 52    | 6    |
| A35X48X5,5BABSL        | 35    | 48    | 5,5   | A36X56X10AS         | 36    | 56    | 10    | A40X52X7AS             | 40    | 52    | 7    |
| A35X48X8AS             | 35    | 48    | 8     | A36X58X10           | 36    | 58    | 10    | A40X52X7ASV            | 40    | 52    | 7    |
| A35X50X7BABSL          | 35    | 50    | 7     | A36X58X10/16        | 36    | 58    | 10/16 | A40X52X7BABSL          | 40    | 52    | 7    |
| A35X50X7VBABSL         | 35    | 50    | 7     | A36X59X9,5          | 36    | 59    | 9,5   | A40X52X7VBABSL         | 40    | 52    | 7    |
| A35X50X8AS             | 35    | 50    | 8     | A36X62X7            | 36    | 62    | 7     | A40X52X10              | 40    | 52    | 10   |
| A35X50X10AS            | 35    | 50    | 10    | A36X62X7AS          | 36    | 62    | 7     | B40X54X7BS             | 40    | 54    | 7    |
| A35X52X5BAHD           | 35    | 52    | 5     | A36X62X7ASV         | 36    | 62    | 7     | A40X55X6BABSL          | 40    | 55    | 6    |
| A35X52X6BABSL          | 35    | 52    | 6     | A36X68X10           | 36    | 68    | 10    | A40X55X6VBABSL         | 40    | 55    | 6    |
| A35X52X6VBABSL         | 35    | 52    | 6     | A36,51X52,38X7,93AS | 36,51 | 52,38 | 7,93  | A40X55X7               | 40    | 55    | 7    |
| A35X52X7               | 35    | 52    | 7     | A36,51X57,15X9,52AS | 36,51 | 57,15 | 9,52  | A40X55X7AS             | 40    | 55    | 7    |

|                       |       |       |      |                        |       |       |      |                     |       |       |      |
|-----------------------|-------|-------|------|------------------------|-------|-------|------|---------------------|-------|-------|------|
| A40X55X8AS            | 40    | 55    | 8    | A41,27X69,85X12,7      | 41,27 | 69,85 | 12,7 | A44,45X80,96X12,7   | 44,45 | 80,96 | 12,7 |
| B40X55X8BS            | 40    | 55    | 8    | A41,9X60,1X9,52BABS    | 41,9  | 60,1  | 9,52 | A45X55X7AS          | 45    | 55    | 7    |
| A40X56X6BABS          | 40    | 56    | 6    | A42X52X7ASV            | 42    | 52    | 7    | B45X55X7            | 45    | 55    | 7    |
| A40X56X7AS            | 40    | 56    | 7    | A42X52X8AS             | 42    | 52    | 8    | A45X55X7BABS        | 45    | 55    | 7    |
| A40X56X8              | 40    | 56    | 8    | A42X55X7AS             | 42    | 55    | 7    | A45X56X7AS          | 45    | 56    | 7    |
| A40X56X8AS            | 40    | 56    | 8    | A42X55X7ASV            | 42    | 55    | 7    | A45X58X7AS          | 45    | 58    | 7    |
| A40X56X10AS           | 40    | 56    | 10   | A42X55X10AS            | 42    | 55    | 10   | A45X58X7BABS        | 45    | 58    | 7    |
| A40X58X8AS            | 40    | 58    | 8    | A42X56X7AS             | 42    | 56    | 7    | A45X59,13X10B       | 45    | 59,13 | 10   |
| A40X58X8ASV           | 40    | 58    | 8    | A42X56X7ASV            | 42    | 56    | 7    | A45X60X7AS          | 45    | 60    | 7    |
| A40X58X8BABS          | 40    | 58    | 8    | A42X56X10              | 42    | 56    | 10   | A45X60X7V           | 45    | 60    | 7    |
| A40X58X10AS           | 40    | 58    | 10   | A42X56,15X9,5VBABS     | 42    | 56,15 | 9,5  | A45X60X8AS          | 45    | 60    | 8    |
| A40X60X7              | 40    | 60    | 7    | B42X58X7BS             | 42    | 58    | 7    | A45X60X10AS         | 45    | 60    | 10   |
| A40X60X7AS            | 40    | 60    | 7    | A42X60X7AS             | 42    | 60    | 7    | C45X60X10           | 45    | 60    | 10   |
| A40X60X10AS           | 40    | 60    | 10   | A42X60X7ASV            | 42    | 60    | 7    | A45X62X6VBABS       | 45    | 62    | 6    |
| A40X60X10ASV          | 40    | 60    | 10   | A42X62X7AS             | 42    | 62    | 7    | A45X62X7AS          | 45    | 62    | 7    |
| A40X60X10BABS         | 40    | 60    | 10   | A42X62X7BABS           | 42    | 62    | 7    | A45X62X7BABS        | 45    | 62    | 7    |
| C40X60X12             | 40    | 60    | 12   | A42X62X7VBABS          | 42    | 62    | 7    | A45X62X7VBABS       | 45    | 62    | 7    |
| A40X62X6BABS          | 40    | 62    | 6    | A42X62X10AS            | 42    | 62    | 10   | A45X62X8AS          | 45    | 62    | 8    |
| A40X62X6VBABS         | 40    | 62    | 6    | A42X65X8               | 42    | 65    | 8    | A45X62X10AS         | 45    | 62    | 10   |
| A40X62X7AS            | 40    | 62    | 7    | A42X65X10AS            | 42    | 65    | 10   | A45X65X7BABS        | 45    | 65    | 7    |
| A40X62X7AS-PV         | 40    | 62    | 7    | A42X68X10AS            | 42    | 68    | 10   | A45X65X7VBABS       | 45    | 65    | 7    |
| A40X62X8AS            | 40    | 62    | 8    | A42X72X6,5VBABS        | 42    | 72    | 6,5  | A45X65X8AS          | 45    | 65    | 8    |
| A40X62X10             | 40    | 62    | 10   | A42X72X8AS             | 42    | 72    | 8    | A45X65X10AS         | 45    | 65    | 10   |
| A40X62X10AS           | 40    | 62    | 10   | A42X72X10AS            | 42    | 72    | 10   | A45X65X10V          | 45    | 65    | 10   |
| A40X62X11BABS         | 40    | 62    | 11   | A42X75X12AS            | 42    | 75    | 12   | A45X65X6/7BAHD      | 45    | 65    | 6/7  |
| C40X62X12             | 40    | 62    | 12   | A42X80X10              | 42    | 80    | 10   | A45X66X6            | 45    | 66    | 6    |
| A40X65X8AS            | 40    | 65    | 8    | A42,86X63,5X9,52       | 42,86 | 63,5  | 9,52 | A45X66X10           | 45    | 66    | 10   |
| A40X65X10AS           | 40    | 65    | 10   | A42,86X66,67X9,52AS    | 42,86 | 66,67 | 9,52 | A45X68X10AS         | 45    | 68    | 10   |
| A40X65X12C            | 40    | 65    | 12   | A42,86X68,26X12,7      | 42,86 | 68,26 | 12,7 | A45X68X12AS         | 45    | 68    | 12   |
| A40X67X7VBABS         | 40    | 67    | 7    | A43X54X6AS             | 43    | 54    | 6    | A45X68X12BABS       | 45    | 68    | 12   |
| A40X68X6              | 40    | 68    | 6    | A43X54X9AS             | 43    | 54    | 9    | A45X72X8AS          | 45    | 72    | 8    |
| A40X68X10AS           | 40    | 68    | 10   | A43X56X7               | 43    | 56    | 7    | A45X72X8V           | 45    | 72    | 8    |
| A40X70X5BABS          | 40    | 70    | 5    | A43X58X7AS             | 43    | 58    | 7    | A45X75X8            | 45    | 75    | 8    |
| A40X70X8AS            | 40    | 70    | 8    | A43X60X10              | 43    | 60    | 10   | A45X75X8AS          | 45    | 75    | 8    |
| A40X70X12             | 40    | 70    | 12   | A43X60X10V             | 43    | 60    | 10   | A45X75X8ASV         | 45    | 75    | 8    |
| A40X70X12AS           | 40    | 70    | 12   | A43X62X8AS             | 43    | 62    | 8    | A45X75X8BABS        | 45    | 75    | 8    |
| A40X72X7AS            | 40    | 72    | 7    | A43X75X10              | 43    | 75    | 10   | A45X75X10AS         | 45    | 75    | 10   |
| A40X72X10             | 40    | 72    | 10   | A44X56X7AS             | 44    | 56    | 7    | A45X80X7VBABS       | 45    | 80    | 7    |
| A40X72X10AS           | 40    | 72    | 10   | A44X60X10AS            | 44    | 60    | 10   | A45X80X10AS         | 45    | 80    | 10   |
| A40X72X12AS           | 40    | 72    | 12   | A44X62X7AS             | 44    | 62    | 7    | A45X85X10AS         | 45    | 85    | 10   |
| C40X72X12             | 40    | 72    | 12   | A44X65X10AS            | 44    | 65    | 10   | A45X90X10AS         | 45    | 90    | 10   |
| A40X75X10AS           | 40    | 75    | 10   | A44X72X10              | 44    | 72    | 10   | A45X100X10AS        | 45    | 100   | 10   |
| A40X80X7,5VBABS       | 40    | 80    | 7,5  | A44X80X10AS            | 44    | 80    | 10   | A46X58X7AS          | 46    | 58    | 7    |
| A40X80X10AS           | 40    | 80    | 10   | A44,45X53,97X4,76      | 44,45 | 53,97 | 4,76 | A46X62X8AS          | 46    | 62    | 8    |
| A40X80X10ASV          | 40    | 80    | 10   | A44,45X57,15X7,93      | 44,45 | 57,15 | 7,93 | A46X65X9AS          | 46    | 65    | 9    |
| A40X85X10             | 40    | 85    | 10   | A44,45X57,15X7,93VBABS | 44,45 | 57,15 | 7,93 | A46X65X10ASV        | 46    | 65    | 10   |
| A40X90X8AS            | 40    | 90    | 8    | A44,45X57,15X9,52      | 44,45 | 57,15 | 9,52 | A46X95X9AS          | 46    | 95    | 9    |
| A40X90X12AS           | 40    | 90    | 12   | A44,45X60X7VBABS       | 44,45 | 60    | 7    | A46,03X66,67X9,52   | 46,03 | 66,67 | 9,52 |
| A41X53X8AS            | 41    | 53    | 8    | A44,45X60,3X7,93       | 44,45 | 60,3  | 7,93 | A47X58X7            | 47    | 58    | 7    |
| A41X56X10             | 41    | 56    | 10   | A44,45X60,3X9,52       | 44,45 | 60,3  | 9,52 | A47X62X7BABS        | 47    | 62    | 7    |
| A41,27X53,97X6,35     | 41,27 | 53,97 | 6,35 | A44,45X63,5X7,93       | 44,45 | 63,5  | 7,93 | A47X62X7VBABS       | 47    | 62    | 7    |
| A41,27X57,15X9,52     | 41,27 | 57,15 | 9,52 | A44,45X63,5X8,89VBABS  | 44,45 | 63,5  | 8,89 | A47X62X8            | 47    | 62    | 8    |
| A41,27X60,32X7,93     | 41,27 | 60,32 | 7,93 | A44,45X63,5X9,52       | 44,45 | 63,5  | 9,52 | B47X68X13BS         | 47    | 68    | 13   |
| A41,27X60,32X9,52BABS | 41,27 | 60,32 | 9,52 | A44,45X66,67X9,52      | 44,45 | 66,67 | 9,52 | A47X70X10AS         | 47    | 70    | 10   |
| A41,27X61,91X12,7     | 41,27 | 61,91 | 12,7 | A44,45X69,85X9,52      | 44,45 | 69,85 | 9,52 | A47,62X60,32X6,35   | 47,62 | 60,32 | 6,35 |
| A41,27X63,5X7,93      | 41,27 | 63,5  | 7,93 | A44,45X69,85X12,7AS    | 44,45 | 69,85 | 12,7 | A47,62X63,5X6,35    | 47,62 | 63,5  | 6,35 |
| A41,27X63,5X9,52AS    | 41,27 | 63,5  | 9,52 | A44,45X73,03X9,52      | 44,45 | 73,03 | 9,52 | A47,62X66,67X9,52AS | 47,62 | 66,67 | 9,52 |
| A41,27X63,5X12,7      | 41,27 | 63,5  | 12,7 | A44,45X73,03X12,7      | 44,45 | 73,03 | 12,7 | A47,62X69,85X9,52   | 47,62 | 69,85 | 9,52 |

|                        |       |       |      |                     |       |       |       |                       |       |       |      |
|------------------------|-------|-------|------|---------------------|-------|-------|-------|-----------------------|-------|-------|------|
| C47,62X73,02X7,93      | 47,62 | 73,02 | 7,93 | A50X72X8/6BAHD      | 50    | 72    | 8/6   | C54X85X10             | 54    | 85    | 10   |
| A47,62X73,03X9,52      | 47,62 | 73,03 | 9,52 | A50X75X10AS         | 50    | 75    | 10    | A55X68X7VBABSL        | 55    | 68    | 7    |
| A47,62X73,03X12,7      | 47,62 | 73,03 | 12,7 | A50X75X10V          | 50    | 75    | 10    | A55X68X7,5BABSL       | 55    | 68    | 7,5  |
| A47,62X76,2X12,7       | 47,62 | 76,2  | 12,7 | C50X75X12           | 50    | 75    | 12    | A55X68X8AS            | 55    | 68    | 8    |
| A47,62X80,96X12,7      | 47,62 | 80,96 | 12,7 | A50X78X12           | 50    | 78    | 12    | A55X68X8ASV           | 55    | 68    | 8    |
| A48X62X7AS             | 48    | 62    | 7    | A50X80X7VBABSL      | 50    | 80    | 7     | A55X70X7VBABSL        | 55    | 70    | 7    |
| A48X62X8ASV            | 48    | 62    | 8    | A50X80X8AS          | 50    | 80    | 8     | A55X70X8AS            | 55    | 70    | 8    |
| A48X65X10AS            | 48    | 65    | 10   | A50X80X10           | 50    | 80    | 10    | A55X70X8ASV           | 55    | 70    | 8    |
| A48X65X10ASV           | 48    | 65    | 10   | A50X80X10AS         | 50    | 80    | 10    | A55X70X8BABSL         | 55    | 70    | 8    |
| C48X65X10              | 48    | 65    | 10   | A50X85X10AS         | 50    | 85    | 10    | A55X70X10             | 55    | 70    | 10   |
| A48X65X14              | 48    | 65    | 14   | A50X90X8AS          | 50    | 90    | 8     | A55X72X7BABSL         | 55    | 72    | 7    |
| A48X68X10              | 48    | 68    | 10   | A50X90X10AS         | 50    | 90    | 10    | A55X72X7VBABSL        | 55    | 72    | 7    |
| A48X68X10AS            | 48    | 68    | 10   | C50X90X10           | 50    | 90    | 10    | A55X72X8AS            | 55    | 72    | 8    |
| A48X70X8               | 48    | 70    | 8    | A50X100X10          | 50    | 100   | 10    | A55X72X8ASV           | 55    | 72    | 8    |
| A48X70X9AS             | 48    | 70    | 9    | A50X110X10AS        | 50    | 110   | 10    | A55X72X10AS           | 55    | 72    | 10   |
| A48X72X7AS             | 48    | 72    | 7    | A50,8X63,5X6,35AS   | 50,8  | 63,5  | 6,35  | A55X73X10AS           | 55    | 73    | 10   |
| A48X72X8               | 48    | 72    | 8    | A50,8X66,67X7,93    | 50,8  | 66,67 | 7,93  | A55X75X7BABSL         | 55    | 75    | 7    |
| A48X72X8AS             | 48    | 72    | 8    | A50,8X66,67X9,52AS  | 50,8  | 66,67 | 9,52  | A55X75X8AS            | 55    | 75    | 8    |
| A48X72X8ASV            | 48    | 72    | 8    | A50,8X68,26X9,52    | 50,8  | 68,26 | 9,52  | A55X75X10AS           | 55    | 75    | 10   |
| A48X72X10AS            | 48    | 72    | 10   | A50,8X69,85X6,35    | 50,8  | 69,85 | 6,35  | A55X75X10ASV          | 55    | 75    | 10   |
| B48X72X10              | 48    | 72    | 10   | A50,8X69,85X9,52    | 50,8  | 69,85 | 9,52  | A55X75X12             | 55    | 75    | 12   |
| A48X72X12AS            | 48    | 72    | 12   | A50,8X73,02X9,52AS  | 50,8  | 73,02 | 9,52  | A55X78X8AS            | 55    | 78    | 8    |
| A48X72,5X10            | 48    | 72,5  | 10   | A50,8X76,2X9,52     | 50,8  | 76,2  | 9,52  | A55X78X10AS           | 55    | 78    | 10   |
| A48X80X13              | 48    | 80    | 13   | A50,8X76,2X12,7     | 50,8  | 76,2  | 12,7  | A55X78X12BABSL        | 55    | 78    | 12   |
| A49X65X10              | 49    | 65    | 10   | A50,8X79,37X9,52    | 50,8  | 79,37 | 9,52  | A55X80X8              | 55    | 80    | 8    |
| A49X68X12              | 49    | 68    | 12   | A50,8X82,55X9,52    | 50,8  | 82,55 | 9,52  | A55X80X10             | 55    | 80    | 10   |
| A49,21X63,5X7,93VBABSL | 49,21 | 63,5  | 7,93 | A52X65X9AS          | 52    | 65    | 9     | A55X80X10AS           | 55    | 80    | 10   |
| A49,21X63,5X9,52       | 49,21 | 63,5  | 9,52 | A52X67X5,5          | 52    | 67    | 5,5   | A55X80X10ASV          | 55    | 80    | 10   |
| A49,21X69,85X9,52      | 49,21 | 69,85 | 9,52 | A52X68X8AS          | 52    | 68    | 8     | A55X80X10DUO          | 55    | 80    | 10   |
| A50X60X7               | 50    | 60    | 7    | A52X68X8ASV         | 52    | 68    | 8     | A55X80X13AS           | 55    | 80    | 13   |
| A50X60X10              | 50    | 60    | 10   | A52X69X10           | 52    | 69    | 10    | A55X82X9,35AS         | 55    | 82    | 9,35 |
| A50X60X12BABSL         | 50    | 60    | 12   | A52X72X7VBABSL      | 52    | 72    | 7     | A55X85X8AS            | 55    | 85    | 8    |
| A50X62X7               | 50    | 62    | 7    | A52X72X8AS          | 52    | 72    | 8     | A55X85X8ASV           | 55    | 85    | 8    |
| A50X62X7AS             | 50    | 62    | 7    | A52X72X10AS         | 52    | 72    | 10    | A55X85X8V             | 55    | 85    | 8    |
| A50X65X7BABSL          | 50    | 65    | 7    | A52X72X12AS         | 52    | 72    | 12    | A55X85X10AS           | 55    | 85    | 10   |
| A50X65X7VBABSL         | 50    | 65    | 7    | A52X75X10           | 52    | 75    | 10    | A55X85X10ASV          | 55    | 85    | 10   |
| A50X65X8AS             | 50    | 65    | 8    | A52X75X12           | 52    | 75    | 12    | A55X90X7VBABSL        | 55    | 90    | 7    |
| A50X65X8ASV            | 50    | 65    | 8    | A52X80X10           | 52    | 80    | 10    | A55X90X8AS            | 55    | 90    | 8    |
| A50X65X8V              | 50    | 65    | 8    | A52X80X13AS         | 52    | 80    | 13    | A55X90X10AS           | 55    | 90    | 10   |
| B50X65X8BS             | 50    | 65    | 8    | A52X85X10AS         | 52    | 85    | 10    | A55X100X10AS          | 55    | 100   | 10   |
| A50X65X8BABSL          | 50    | 65    | 8    | C52X90X13           | 52    | 90    | 13    | A55X100X10ASV         | 55    | 100   | 10   |
| A50X65X10B             | 50    | 65    | 10   | A52X97X10/18ASV     | 52    | 97    | 10/18 | A55X100X13ASV         | 55    | 100   | 13   |
| A50X68X7BABSL          | 50    | 68    | 7    | A52X100X10AS        | 52    | 100   | 10    | C55X100X13            | 55    | 100   | 13   |
| A50X68X7VBABSL         | 50    | 68    | 7    | A52,38X66,67X7,93   | 52,38 | 66,67 | 7,93  | A56X70X8              | 56    | 70    | 8    |
| A50X68X8               | 50    | 68    | 8    | A52,38X73,02X9,52AS | 52,38 | 73,02 | 9,52  | A56X72X8              | 56    | 72    | 8    |
| A50X68X8AS             | 50    | 68    | 8    | C52,38X76,2X9,52    | 52,38 | 76,2  | 9,52  | A56X80X8              | 56    | 80    | 8    |
| A50X68X10              | 50    | 68    | 10   | A53X68X10           | 53    | 68    | 10    | A56X85X8              | 56    | 85    | 8    |
| C50X68X10              | 50    | 68    | 10   | A53,97X69,85X7,93   | 53,97 | 69,85 | 7,93  | A57X80X12AS           | 57    | 80    | 12   |
| A50X70X10AS            | 50    | 70    | 10   | A53,97X73,03X9,52   | 53,97 | 73,03 | 9,52  | A57X90X13             | 57    | 90    | 13   |
| A50X70X10ASV           | 50    | 70    | 10   | A53,97X76,2X9,52AS  | 53,97 | 76,2  | 9,52  | A57,15X73,02X9,52AS   | 57,15 | 73,02 | 9,52 |
| C50X70X10              | 50    | 70    | 10   | A53,97X76,20X12,7   | 53,97 | 76,2  | 12,7  | A57,15X76,2X9,52AS    | 57,15 | 76,2  | 9,52 |
| A50X70X10BABSL         | 50    | 70    | 10   | A53,97X77,88X12,7   | 53,97 | 77,88 | 12,7  | A57,15X76,2X9,53BABSL | 57,15 | 76,2  | 9,53 |
| A50X72X7AS             | 50    | 72    | 7    | A53,97X79,37X9,52   | 53,97 | 79,37 | 9,52  | A57,15X80,96X12,7     | 57,15 | 80,96 | 12,7 |
| A50X72X7ASV            | 50    | 72    | 7    | A53,97X82,55X9,52AS | 53,97 | 82,55 | 9,52  | A57,15X82,55X12,7     | 57,15 | 82,55 | 12,7 |
| A50X72X7BABSL          | 50    | 72    | 7    | A53,97X88,9X12,7    | 53,97 | 88,9  | 12,7  | A57,15X85,72X12,7     | 57,15 | 85,72 | 12,7 |
| A50X72X7VBABSL         | 50    | 72    | 7    | A54X70X10AS         | 54    | 70    | 10    | A57,15X88,9X9,52      | 57,15 | 88,9  | 9,52 |
| A50X72X10AS            | 50    | 72    | 10   | A54X72X10AS         | 54    | 72    | 10    | A58X70X6              | 58    | 70    | 6    |
| A50X72X10ASV           | 50    | 72    | 10   | A54X80X13AS         | 54    | 80    | 13    | A58X72X8AS            | 58    | 72    | 8    |

|                     |       |       |      |                   |       |       |      |                      |       |        |      |
|---------------------|-------|-------|------|-------------------|-------|-------|------|----------------------|-------|--------|------|
| A58X75X9            | 58    | 75    | 9    | A61,91X82,55X9,52 | 61,91 | 82,55 | 9,52 | A65X95X10ASV         | 65    | 95     | 10   |
| A58X78X10           | 58    | 78    | 10   | A62X75X7,5BABSL   | 62    | 75    | 7,5  | A65X97X7,5VBABSL     | 65    | 97     | 7,5  |
| A58X80X8AS          | 58    | 80    | 8    | B62X75X10         | 62    | 75    | 10   | A65X100X10AS         | 65    | 100    | 10   |
| A58X80X8ASV         | 58    | 80    | 8    | A62X78X8          | 62    | 78    | 8    | A65X100X10ASV        | 65    | 100    | 10   |
| A58X80X10AS         | 58    | 80    | 10   | A62X80X10         | 62    | 80    | 10   | A65X100X12           | 65    | 100    | 12   |
| A58X80X12AS         | 58    | 80    | 12   | A62X80X10ASV      | 62    | 80    | 10   | A65X100X12AS         | 65    | 100    | 12   |
| A58X80X13           | 58    | 80    | 13   | B62X80X10BS       | 62    | 80    | 10   | A65X110X10           | 65    | 110    | 10   |
| A58X85X10           | 58    | 85    | 10   | A62X85X7BABSL     | 62    | 85    | 7    | A65X120X12AS         | 65    | 120    | 12   |
| A58X85X10AS         | 58    | 85    | 10   | A62X85X7VBABSL    | 62    | 85    | 7    | A65,08X85,72X9,52    | 65,08 | 85,72  | 9,52 |
| C58X85X13           | 58    | 85    | 13   | A62X85X10AS       | 62    | 85    | 10   | A66X85X8/10AS        | 66    | 85     | 8/10 |
| A58X90X10AS         | 58    | 90    | 10   | A62X85X13AS       | 62    | 85    | 13   | A66,67X88,9X12,7AS   | 66,67 | 88,9   | 12,7 |
| A58,73X79,37X9,52   | 58,73 | 79,37 | 9,52 | A62X90X10AS       | 62    | 90    | 10   | A66,67X92,07X12,7AS  | 66,67 | 92,07  | 12,7 |
| A58,73X85,32X7,93   | 58,73 | 85,32 | 7,93 | A62X100X12        | 62    | 100   | 12   | A66,67X95,25X12,7AS  | 66,67 | 95,25  | 12,7 |
| A60X70X7AS          | 60    | 70    | 7    | A62X100X12AS      | 62    | 100   | 12   | A68X78X9/15          | 68    | 78     | 9/15 |
| A60X72X7BABSL       | 60    | 72    | 7    | A63X80X9AS        | 63    | 80    | 9    | A68X85X8             | 68    | 85     | 8    |
| A60X72X8AS          | 60    | 72    | 8    | A63X85X10AS       | 63    | 85    | 10   | A68X85X10AS          | 68    | 85     | 10   |
| A60X75X8            | 60    | 75    | 8    | A63X85X10ASV      | 63    | 85    | 10   | B68X85X10            | 68    | 85     | 10   |
| A60X75X8AS          | 60    | 75    | 8    | A63X88X10         | 63    | 88    | 10   | A68X90X10AS          | 68    | 90     | 10   |
| A60X75X8ASV         | 60    | 75    | 8    | A63X90X10AS       | 63    | 90    | 10   | A68X90X10ASV         | 68    | 90     | 10   |
| A60X75X8BABSL       | 60    | 75    | 8    | A63X90X10V        | 63    | 90    | 10   | A68X90X10BABSL       | 68    | 90     | 10   |
| B60X78X8BS          | 60    | 78    | 8    | A63,5X76,2X9,52   | 63,5  | 76,2  | 9,52 | A68X90X12C           | 68    | 90     | 12   |
| A60X78X9AS          | 60    | 78    | 9    | A63,5X82,5X9,52   | 63,5  | 82,5  | 9,52 | C68X90X12            | 68    | 90     | 12   |
| A60X80X7BAHDSL      | 60    | 80    | 7    | A63,5X88,9X9,52   | 63,5  | 88,9  | 9,52 | A68X100X10           | 68    | 100    | 10   |
| A60X80X7BABSL       | 60    | 80    | 7    | A63,5X88,9X12,7AS | 63,5  | 88,9  | 12,7 | C68X110X13           | 68    | 110    | 13   |
| A60X80X7VBABSL      | 60    | 80    | 7    | A63,5X95,25X12,7  | 63,5  | 95,25 | 12,7 | A69,85X88,9X9,52AS   | 69,85 | 88,9   | 9,52 |
| A60X80X8AS          | 60    | 80    | 8    | A63,9X89X11VBABSL | 63,9  | 89    | 11   | A69,85X88,9X12,7AS   | 69,85 | 88,9   | 12,7 |
| A60X80X8ASV         | 60    | 80    | 8    | A64X80X8AS        | 64    | 80    | 8    | A69,85X92,07X12,7    | 69,85 | 92,07  | 12,7 |
| A60X80X10           | 60    | 80    | 10   | A64X90X13AS       | 64    | 90    | 13   | A69,85X95,25X12,7    | 69,85 | 95,25  | 12,7 |
| A60X80X10AS         | 60    | 80    | 10   | A64,8X85X7BAHD    | 64,8  | 85    | 7    | A69,85X107,95X12,7AS | 69,85 | 107,95 | 12,7 |
| A60X80X10ASV        | 60    | 80    | 10   | A65X75X8          | 65    | 75    | 8    | A70X80X10AS          | 70    | 80     | 10   |
| A60X80X12AS         | 60    | 80    | 12   | A65X80X7BABSL     | 65    | 80    | 7    | A70X85X7             | 70    | 85     | 7    |
| C60X80X13           | 60    | 80    | 13   | A65X80X7VBABSL    | 65    | 80    | 7    | A70X85X8AS           | 70    | 85     | 8    |
| A60X82X12AS         | 60    | 82    | 12   | A65X80X8AS        | 65    | 80    | 8    | A70X85X8ASV          | 70    | 85     | 8    |
| A60X85X8AS          | 60    | 85    | 8    | A65X80X8ASV       | 65    | 80    | 8    | A70X88X12AS          | 70    | 88     | 12   |
| A60X85X8ASV         | 60    | 85    | 8    | A65X80X10         | 65    | 80    | 10   | A70X90X7BABSL        | 70    | 90     | 7    |
| A60X85X8BABSL       | 60    | 85    | 8    | A65X80X10AS       | 65    | 80    | 10   | A70X90X7VBABSL       | 70    | 90     | 7    |
| A60X85X10           | 60    | 85    | 10   | A65X85X7BAHD      | 65    | 85    | 7    | A70X90X10AS          | 70    | 90     | 10   |
| A60X85X10AS         | 60    | 85    | 10   | A65X85X8AS        | 65    | 85    | 8    | A70X90X10ASV         | 70    | 90     | 10   |
| A60X88X12           | 60    | 88    | 12   | A65X85X8BABSL     | 65    | 85    | 8    | A70X90X10BABSL       | 70    | 90     | 10   |
| A60X90X8AS          | 60    | 90    | 8    | A65X85X8VBABSL    | 65    | 85    | 8    | A70X90X12AS          | 70    | 90     | 12   |
| A60X90X8ASV         | 60    | 90    | 8    | A65X85X10         | 65    | 85    | 10   | C70X90X12CS          | 70    | 90     | 12   |
| A60X90X10           | 60    | 90    | 10   | A65X85X10AS       | 65    | 85    | 10   | A70X95X7VBABSL       | 70    | 95     | 7    |
| A60X90X10AS         | 60    | 90    | 10   | A65X85X10ASV      | 65    | 85    | 10   | A70X95X10AS          | 70    | 95     | 10   |
| A60X90X10ASV        | 60    | 90    | 10   | A65X85X10BABSL    | 65    | 85    | 10   | A70X100X10AS         | 70    | 100    | 10   |
| C60X90X10           | 60    | 90    | 10   | A65X85X12AS       | 65    | 85    | 12   | A70X100X10ASV        | 70    | 100    | 10   |
| A60X90X12AS         | 60    | 90    | 12   | A65X85X13ASV      | 65    | 85    | 13   | A70X110X8AS          | 70    | 110    | 8    |
| A60X95X8AS          | 60    | 95    | 8    | A65X88X7VBABSL    | 65    | 88    | 7    | A70X110X10AS         | 70    | 110    | 10   |
| A60X95X10AS         | 60    | 95    | 10   | A65X88X12AS       | 65    | 88    | 12   | A70X110X12AS         | 70    | 110    | 12   |
| A60X100X10          | 60    | 100   | 10   | A65X90X7ASP       | 65    | 90    | 7    | A70X110X13AS         | 70    | 110    | 13   |
| A60X100X10AS        | 60    | 100   | 10   | A65X90X7BABSL     | 65    | 90    | 7    | A70X120X13           | 70    | 120    | 13   |
| A60X100X13          | 60    | 100   | 13   | A65X90X7VBABSL    | 65    | 90    | 7    | A71,44X92,08X9,52    | 71,44 | 92,08  | 9,52 |
| A60X106X7VBABSL     | 60    | 106   | 7    | A65X90X10         | 65    | 90    | 10   | A72X86X7AS           | 72    | 86     | 7    |
| A60X110X10AS        | 60    | 110   | 10   | A65X90X10AS       | 65    | 90    | 10   | A72X90X10AS          | 72    | 90     | 10   |
| A60X110X13AS        | 60    | 110   | 13   | A65X90X10ASV      | 65    | 90    | 10   | C72X90X10            | 72    | 90     | 10   |
| A60X110X13V         | 60    | 110   | 13   | A65X90X10VDUO     | 65    | 90    | 10   | A72X95X10            | 72    | 95     | 10   |
| A60X130X12V         | 60    | 130   | 12   | C65X90X12CS       | 65    | 90    | 12   | A72X95X10AS          | 72    | 95     | 10   |
| A60,32X79,38X9,52   | 60,32 | 79,38 | 9,52 | A65X92X12AS       | 65    | 92    | 12   | A72X95X10ASV         | 72    | 95     | 10   |
| A60,32X82,55X9,52AS | 60,32 | 82,55 | 9,52 | A65X95X10AS       | 65    | 95    | 10   | A72X95X10V           | 72    | 95     | 10   |

|                     |       |       |       |                      |       |        |      |                      |       |        |      |
|---------------------|-------|-------|-------|----------------------|-------|--------|------|----------------------|-------|--------|------|
| A72X95X10BABSL      | 72    | 95    | 10    | A80X100X12DUO        | 80    | 100    | 12   | A88,9X104,7X7,93     | 88,9  | 104,7  | 7,93 |
| A72X100X10AS        | 72    | 100   | 10    | A80X100X13ASV        | 80    | 100    | 13   | A88,9X111,12X9,52    | 88,9  | 111,12 | 9,52 |
| A72X100X12AS        | 72    | 100   | 12    | A80X105X7,5VBABSL    | 80    | 105    | 7,5  | A88,9X114,3X9,52     | 88,9  | 114,3  | 9,52 |
| A72X110X13AS        | 72    | 110   | 13    | A80X105X10AS         | 80    | 105    | 10   | A88,9X114,3X12,7     | 88,9  | 114,3  | 12,7 |
| A73,03X92,08X9,52AS | 73,03 | 92,08 | 9,52  | A80X105X12V          | 80    | 105    | 12   | A88,9X120,65X12,7    | 88,9  | 120,65 | 12,7 |
| A73,03X95,25X12,7AS | 73,03 | 95,25 | 12,7  | A80X105X13AS         | 80    | 105    | 13   | A88,9X127X12,7       | 88,9  | 127    | 12,7 |
| A73,03X101,6X12,7AS | 73,03 | 101,6 | 12,7  | A80X110X10           | 80    | 110    | 10   | A90X105X6ASV         | 90    | 105    | 6    |
| A73,37X114,3X12,7   | 73,37 | 114,3 | 12,7  | A80X110X10AS         | 80    | 110    | 10   | A90X105X10AS         | 90    | 105    | 10   |
| A73,5X110X10AS      | 73,5  | 110   | 10    | A80X110X10ASV        | 80    | 110    | 10   | A90X110X7,5BABSL     | 90    | 110    | 7,5  |
| B74X90X10BS         | 74    | 90    | 10    | A80X110X12AS         | 80    | 110    | 12   | A90X110X8            | 90    | 110    | 8    |
| C74,61X101,6X15,87  | 74,61 | 101,6 | 15,87 | C80X110X13           | 80    | 110    | 13   | A90X110X9ASV         | 90    | 110    | 9    |
| B74,63X92,05X9,52   | 74,63 | 92,05 | 9,52  | A80X115X10           | 80    | 115    | 10   | A90X110X10ASV        | 90    | 110    | 10   |
| A75X90X8            | 75    | 90    | 8     | A80X120X12AS         | 80    | 120    | 12   | A90X110X12AS         | 90    | 110    | 12   |
| A75X90X8AS          | 75    | 90    | 8     | A80X120X13           | 80    | 120    | 13   | A90X110X12ASV        | 90    | 110    | 12   |
| A75X90X8ASV         | 75    | 90    | 8     | C80X120X13           | 80    | 120    | 13   | A90X110X12BABSL      | 90    | 110    | 12   |
| A75X95X7BABSL       | 75    | 95    | 7     | A80X125X10AS         | 80    | 125    | 10   | A90X110X13           | 90    | 110    | 13   |
| A75X95X7VBABSL      | 75    | 95    | 7     | A80X125X12           | 80    | 125    | 12   | A90X110X13AS         | 90    | 110    | 13   |
| A75X95X8AS          | 75    | 95    | 8     | A80X125X13AS         | 80    | 125    | 13   | A90X112X12AS         | 90    | 112    | 12   |
| A75X95X10AS         | 75    | 95    | 10    | A80X130X13           | 80    | 130    | 13   | A90X115X9            | 90    | 115    | 9    |
| A75X95X10ASV        | 75    | 95    | 10    | A80X140X13           | 80    | 140    | 13   | A90X115X13AS         | 90    | 115    | 13   |
| A75X95X10VBABSL     | 75    | 95    | 10    | A80X140X13AS         | 80    | 140    | 13   | C90X115X13           | 90    | 115    | 13   |
| A75X95X12C          | 75    | 95    | 12    | A82X105X10AS         | 82    | 105    | 10   | A90X120X12AS         | 90    | 120    | 12   |
| A75X100X8BABSL      | 75    | 100   | 8     | A82X105X10ASV        | 82    | 105    | 10   | A90X120X12ASV        | 90    | 120    | 12   |
| A75X100X10AS        | 75    | 100   | 10    | A82X105X12           | 82    | 105    | 12   | A90X120X13           | 90    | 120    | 13   |
| A75X100X10ASV       | 75    | 100   | 10    | A82X110X12           | 82    | 110    | 12   | A90X125X12BABSL      | 90    | 125    | 12   |
| A75X100X11BABSL     | 75    | 100   | 11    | A82X160X13AS         | 82    | 160    | 13   | A90X125X12VBABSL     | 90    | 125    | 12   |
| A75X100X12AS        | 75    | 100   | 12    | A82,55X101,6X12,7    | 82,55 | 101,6  | 12,7 | A90X125X13           | 90    | 125    | 13   |
| A75X105X12AS        | 75    | 105   | 12    | A82,55X107,95X12,7   | 82,55 | 107,95 | 12,7 | A90X130X12AS         | 90    | 130    | 12   |
| A75X105X13          | 75    | 105   | 13    | A82,55X107,95X12,7AS | 82,55 | 107,95 | 12,7 | A90X130X13AS         | 90    | 130    | 13   |
| A75X110X10AS        | 75    | 110   | 10    | A82,55X114,3X12,7    | 82,55 | 114,3  | 12,7 | C90X130X13           | 90    | 130    | 13   |
| A75X110X12AS        | 75    | 110   | 12    | A84X105X12AS         | 84    | 105    | 12   | A90X140X10AS         | 90    | 140    | 10   |
| A75X110X12V         | 75    | 110   | 12    | C84X110X12           | 84    | 110    | 12   | A90X160X12           | 90    | 160    | 12   |
| A75X115X10AS        | 75    | 115   | 10    | A84,13X111,12X12,7   | 84,13 | 111,12 | 12,7 | C92X110X12           | 92    | 110    | 12   |
| A75X120X7VBABSL     | 75    | 120   | 7     | A85X100X9AS          | 85    | 100    | 9    | A92X120X13V          | 92    | 120    | 13   |
| A75X120X12AS        | 75    | 120   | 12    | A85X100X12AS         | 85    | 100    | 12   | A92,07X114,3X12,7    | 92,07 | 114,3  | 12,7 |
| A75X130X12ASV       | 75    | 130   | 12    | A85X105X7,5BABSL     | 85    | 105    | 7,5  | C93,66X142,87X12,7   | 93,66 | 142,87 | 12,7 |
| A76,20X95,25X9,52   | 76,2  | 95,25 | 9,52  | A85X105X10           | 85    | 105    | 10   | A93,66X142,88X12,7AS | 93,66 | 142,88 | 12,7 |
| A76,2X95,25X9,52AS  | 76,2  | 95,25 | 9,52  | A85X105X10AS         | 85    | 105    | 10   | A95X110X9            | 95    | 110    | 9    |
| A76,2X95,25X12,7    | 76,2  | 95,25 | 12,7  | A85X105X12BABSL      | 85    | 105    | 12   | A95X110X10AS         | 95    | 110    | 10   |
| A76,20X98,42X9,52   | 76,2  | 98,42 | 9,52  | A85X105X13AS         | 85    | 105    | 13   | A95X110X10V          | 95    | 110    | 10   |
| A76,2X98,42X9,52    | 76,2  | 98,42 | 9,52  | A85X110X8VBABSL      | 85    | 110    | 8    | A95X110X12AS         | 95    | 110    | 12   |
| A76,2X101,6X12,7    | 76,2  | 101,6 | 12,7  | A85X110X10AS         | 85    | 110    | 10   | A95X115X13AS         | 95    | 115    | 13   |
| A76,2X114,3X12,7    | 76,2  | 114,3 | 12,7  | A85X110X12AS         | 85    | 110    | 12   | A95X115X13ASV        | 95    | 115    | 13   |
| A78X100X10AS        | 78    | 100   | 10    | A85X110X12ASV        | 85    | 110    | 12   | A95X120X8BAHD        | 95    | 120    | 8    |
| C79,37X101,6X11,11  | 79,37 | 101,6 | 11,11 | A85X110X13AS         | 85    | 110    | 13   | A95X120X10AS         | 95    | 120    | 10   |
| A79,37X101,6X12,7   | 79,37 | 101,6 | 12,7  | A85X115X13           | 85    | 115    | 13   | A95X120X12AS         | 95    | 120    | 12   |
| A79,37X101,6X12,7AS | 79,37 | 101,6 | 12,7  | A85X120X7,5BABSL     | 85    | 120    | 7,5  | A95X120X12BABSL      | 95    | 120    | 12   |
| A79,37X104,7X12,7   | 79,37 | 104,7 | 12,7  | A85X120X12AS         | 85    | 120    | 12   | A95X125X12AS         | 95    | 125    | 12   |
| A79,37X114,3X12,7   | 79,37 | 114,3 | 12,7  | A85X120X12V          | 85    | 120    | 12   | A95X125X12ASV        | 95    | 125    | 12   |
| C79,38X104,8X13,8   | 79,38 | 104,8 | 13,8  | A85X130X12           | 85    | 130    | 12   | A95X130X12AS         | 95    | 130    | 12   |
| A80X95X8            | 80    | 95    | 8     | A85X130X12AS         | 85    | 130    | 12   | A95X140X13AS         | 95    | 140    | 13   |
| A80X100X7AS         | 80    | 100   | 7     | A85X140X12AS         | 85    | 140    | 12   | A95X170X13AS         | 95    | 170    | 13   |
| A80X100X7BABSL      | 80    | 100   | 7     | A85X150X12AS         | 85    | 150    | 12   | A95,25X114,3X12,7AS  | 95,25 | 114,3  | 12,7 |
| A80X100X7VBABSL     | 80    | 100   | 7     | A85,72X111,12X12,7   | 85,72 | 111,12 | 12,7 | C95,25X120,65X9,52   | 95,25 | 120,65 | 9,52 |
| A80X100X10AS        | 80    | 100   | 10    | A85,72X114,3X12,7    | 85,72 | 114,3  | 12,7 | A95,25X120,65X12,7   | 95,25 | 120,65 | 12,7 |
| A80X100X10ASV       | 80    | 100   | 10    | A85,72X127X12,7      | 85,72 | 127    | 12,7 | A95,25X127X12,7      | 95,25 | 127    | 12,7 |
| C80X100X10          | 80    | 100   | 10    | A88X110X13           | 88    | 110    | 13   | C95,25X133,3X15,8    | 95,25 | 133,3  | 15,8 |
| A80X100X12AS        | 80    | 100   | 12    | A88X120X12           | 88    | 120    | 12   | A98X128X10           | 98    | 128    | 10   |

|                       |        |         |       |                        |        |        |       |                      |        |        |               |
|-----------------------|--------|---------|-------|------------------------|--------|--------|-------|----------------------|--------|--------|---------------|
| A98,42X123,82X12,7    | 98,42  | 123,82  | 12,7  | A110X130X12AS          | 110    | 130    | 12    | A125X140X10          | 125    | 140    | 10            |
| A98,42X144,52X12,7AS  | 98,42  | 144,52  | 12,7  | A110X130X12ASV         | 110    | 130    | 12    | A125X150X12AS        | 125    | 150    | 12            |
| A100X115X9            | 100    | 115     | 9     | A110X130X12V           | 110    | 130    | 12    | A125X150X12ASV       | 125    | 150    | 12            |
| A100X120X7,5BABSL     | 100    | 120     | 7,5   | A110X130X12BABSL       | 110    | 130    | 12    | A125X150X15ASV       | 125    | 150    | 15            |
| A100X120X7,5VBABSL    | 100    | 120     | 7,5   | A110X130X13AS          | 110    | 130    | 13    | C125X155X15CS        | 125    | 155    | 15            |
| B100X120X8            | 100    | 120     | 8     | C110X130X15            | 110    | 130    | 15    | A125X160X12          | 125    | 160    | 12            |
| A100X120X10AS         | 100    | 120     | 10    | A110X135X12AS          | 110    | 135    | 12    | A125X160X12AS        | 125    | 160    | 12            |
| A100X120X12AS         | 100    | 120     | 12    | A110X140X12AS          | 110    | 140    | 12    | A125X160X12ASV       | 125    | 160    | 12            |
| A100X120X12ASV        | 100    | 120     | 12    | A110X140X12ASV         | 110    | 140    | 12    | A127X150X13          | 127    | 150    | 13            |
| C100X120X12           | 100    | 120     | 12    | A110X140X14AS          | 110    | 140    | 14    | A127X152,4X12,7AS    | 127    | 152,4  | 12,7          |
| A100X120X12BABSL      | 100    | 120     | 12    | CAS110X140X14,5        | 110    | 140    | 14,5  | CAS127X160X15,5/17,5 | 127    | 160    | 15,5/<br>17,5 |
| C100X120X13           | 100    | 120     | 13    | A110X150X8BABSL        | 110    | 150    | 8     | A127X165,1X12,7      | 127    | 165,1  | 12,7          |
| A100X125X12           | 100    | 125     | 12    | A110X150X13            | 110    | 150    | 13    | A128X146X13,5AS      | 128    | 146    | 13,5          |
| A100X125X12AS         | 100    | 125     | 12    | A110X150X13AS          | 110    | 150    | 13    | A128X150X13AS        | 128    | 150    | 13            |
| A100X125X12ASV        | 100    | 125     | 12    | A110X150X13ASV         | 110    | 150    | 13    | A130X150X7,5BABSL    | 130    | 150    | 7,5           |
| A100X125X13           | 100    | 125     | 13    | A110X160X12AS          | 110    | 160    | 12    | A130X150X10AS        | 130    | 150    | 10            |
| A100X125X13AS         | 100    | 125     | 13    | A110X200X13AS          | 110    | 200    | 13    | A130X150X12AS        | 130    | 150    | 12            |
| A100X125X13BABSL      | 100    | 125     | 13    | A112X140X13            | 112    | 140    | 13    | A130X150X15ASV       | 130    | 150    | 15            |
| A100X130X10           | 100    | 130     | 10    | A114X140X13            | 114    | 140    | 13    | C130X155X10CS        | 130    | 155    | 10            |
| A100X130X12AS         | 100    | 130     | 12    | A114,3X82,55X14,3BAJ   | 114,3  | 82,55  | 14,3  | A130X160X12AS        | 130    | 160    | 12            |
| A100X130X12ASV        | 100    | 130     | 12    | A114,3X139,7X12,7      | 114,3  | 139,7  | 12,7  | A130X160X12V         | 130    | 160    | 12            |
| A100X130X12BABSL      | 100    | 130     | 12    | A115X130X12            | 115    | 130    | 12    | A130X160X12BABSL     | 130    | 160    | 12            |
| A100X130X12VBABSL     | 100    | 130     | 12    | A115X130X12V           | 115    | 130    | 12    | A130X160X13AS        | 130    | 160    | 13            |
| A100X140X12AS         | 100    | 140     | 12    | A115X140X10            | 115    | 140    | 10    | A130X160X15          | 130    | 160    | 15            |
| A100X140X13           | 100    | 140     | 13    | A115X140X12AS          | 115    | 140    | 12    | A130X160X15AS        | 130    | 160    | 15            |
| A100X140X13AS         | 100    | 140     | 13    | A115X140X12ASV         | 115    | 140    | 12    | A130X160X15ASV       | 130    | 160    | 15            |
| A100X140X13V          | 100    | 140     | 13    | C115X140X15            | 115    | 140    | 15    | C130X160X15          | 130    | 160    | 15            |
| C100X140X13           | 100    | 140     | 13    | A115X145X14AS          | 115    | 145    | 14    | C130X160X15CS        | 130    | 160    | 15            |
| A100X150X12AS         | 100    | 150     | 12    | A115X150X12            | 115    | 150    | 12    | A130X170X12          | 130    | 170    | 12            |
| A100X150X13           | 100    | 150     | 13    | A115X150X12AS          | 115    | 150    | 12    | A130X170X12AS        | 130    | 170    | 12            |
| A100X150X13V          | 100    | 150     | 13    | A116X170X14,9BABSL     | 116    | 170    | 14,9  | A130X170X12V         | 130    | 170    | 12            |
| A100X160X12           | 100    | 160     | 12    | A117,42X142,87X12,7    | 117,42 | 142,87 | 12,7  | CAS130X170X15        | 130    | 170    | 15            |
| A100X180X12AS         | 100    | 180     | 12    | C117,42X152,4X12,7CS   | 117,42 | 152,4  | 12,7  | C130X170X15          | 130    | 170    | 15            |
| A101,6X120,65X12,7    | 101,6  | 120,65  | 12,7  | A118X150X12AS          | 118    | 150    | 12    | A130X180X12ASV       | 130    | 180    | 12            |
| A101,6X127X12,7       | 101,6  | 127     | 12,7  | A118X150X12ASV         | 118    | 150    | 12    | A130X190X12AS        | 130    | 190    | 12            |
| A101,6X130,17X12,7AS  | 101,6  | 130,17  | 12,7  | A118X150X12V           | 118    | 150    | 12    | A130X200X12AS        | 130    | 200    | 12            |
| A105X120X8AS          | 105    | 120     | 8     | A120X140X7,5           | 120    | 140    | 7,5   | C133,35X155,57X14,28 | 133,35 | 155,57 | 14,28         |
| A105X125X12AS         | 105    | 125     | 12    | A120X140X7,5BABSL      | 120    | 140    | 7,5   | A133,35X158,75X12,7  | 133,35 | 158,75 | 12,7          |
| A105X125X12ASV        | 105    | 125     | 12    | A120X140X13AS          | 120    | 140    | 13    | A133,35X165,1X15,88  | 133,35 | 165,1  | 15,88         |
| A105X130X7,5BABSL     | 105    | 130     | 7,5   | C120X140X13            | 120    | 140    | 13    | A135X160X12AS        | 135    | 160    | 12            |
| A105X130X7,5VBABSL    | 105    | 130     | 7,5   | A120X145X12AS          | 120    | 145    | 12    | A135X160X13          | 135    | 160    | 13            |
| A105X130X12AS         | 105    | 130     | 12    | A120X150X10BABSL       | 120    | 150    | 10    | A135X160X13BABSL     | 135    | 160    | 13            |
| A105X130X12ASV        | 105    | 130     | 12    | A120X150X12AS          | 120    | 150    | 12    | A135X165X12AS        | 135    | 165    | 12            |
| B105X130X13BS         | 105    | 130     | 13    | A120X150X12BABSL       | 120    | 150    | 12    | A135X165X13AS        | 135    | 165    | 13            |
| A105X135X13ASV        | 105    | 135     | 13    | A120X150X13ASV         | 120    | 150    | 13    | A135X170X12          | 135    | 170    | 12            |
| B105X135X14BS         | 105    | 135     | 14    | A120X150X14AS          | 120    | 150    | 14    | A135X170X12AS        | 135    | 170    | 12            |
| A105X136X13AS         | 105    | 136     | 13    | A120X150X15AS          | 120    | 150    | 15    | A135X170X12ASV       | 135    | 170    | 12            |
| A105X140X12           | 105    | 140     | 12    | C120X150X15            | 120    | 150    | 15    | A139,7X165,1X12,7    | 139,7  | 165,1  | 12,7          |
| A105X140X12ASV        | 105    | 140     | 12    | A120X155X15AS          | 120    | 155    | 15    | C139,7X165,1X15,8    | 139,7  | 165,1  | 15,8          |
| C105X150X15           | 105    | 150     | 15    | A120X160X12AS          | 120    | 160    | 12    | A139,7X171,45X12,7   | 139,7  | 171,45 | 12,7          |
| A105X160X12AS         | 105    | 160     | 12    | CAS120X160X14/17       | 120    | 160    | 14/17 | A140X110X14BAJ       | 140    | 110    | 14            |
| A107,95X127X12,7      | 107,95 | 127     | 12,7  | A120X180X15AS          | 120    | 180    | 15    | A140X160X10BABSL     | 140    | 160    | 10            |
| A107,95X139,7X12,7AS  | 107,95 | 139,7   | 12,7  | A120,65X146,05X12,7    | 120,65 | 146,05 | 12,7  | A140X160X12AS        | 140    | 160    | 12            |
| C107,95X139,725X11,11 | 107,95 | 139,725 | 11,11 | A120,65X146,05X12,7ASV | 120,65 | 146,05 | 12,7  | A140X160X12V         | 140    | 160    | 12            |
| A108X170X15AS         | 108    | 170     | 15    | C120,65X158,75X12,7    | 120,65 | 158,75 | 12,7  | A140X160X13AS        | 140    | 160    | 13            |
| A110X125X12           | 110    | 125     | 12    | A121,06X160,3X28,5     | 121,06 | 160,3  | 28,5  | A140X160X13V         | 140    | 160    | 13            |
| A110X128X9AS          | 110    | 128     | 9     | C123,1X158,7X14,3      | 123,1  | 158,7  | 14,3  | A140X165X12AS        | 140    | 165    | 12            |
| A110X130X8            | 110    | 130     | 8     | A125X100X13BAJ         | 125    | 100    | 13    | A140X165X12ASV       | 140    | 165    | 12            |

|                        |        |         |         |
|------------------------|--------|---------|---------|
| A140X170X12AS          | 140    | 170     | 12      |
| A140X170X12ASV         | 140    | 170     | 12      |
| A140X170X15AS          | 140    | 170     | 15      |
| A140X170X15ASV         | 140    | 170     | 15      |
| C140X170X15CS          | 140    | 170     | 15      |
| A140X170X15BABSL       | 140    | 170     | 15      |
| A140X170X15VBABSL      | 140    | 170     | 15      |
| CAS140X170X14,5/16V    | 140    | 170     | 14,5/16 |
| A140X180X12            | 140    | 180     | 12      |
| A140X180X12ASV         | 140    | 180     | 12      |
| A140X180X12BABSL       | 140    | 180     | 12      |
| A140X180X15AS          | 140    | 180     | 15      |
| A140X180X15ASV         | 140    | 180     | 15      |
| C140X180X15            | 140    | 180     | 15      |
| C140X190X15            | 140    | 190     | 15      |
| A142X157X10AS          | 142    | 157     | 10      |
| A142,87X168,27X12,7    | 142,87 | 168,27  | 12,7    |
| A144X160X12AS          | 144    | 160     | 12      |
| A145X167X13AS          | 145    | 167     | 13      |
| A145X170X12AS          | 145    | 170     | 12      |
| A145X170X15AS          | 145    | 170     | 15      |
| A145X170X15ASV         | 145    | 170     | 15      |
| B145X175X13BS          | 145    | 175     | 13      |
| C145X175X13            | 145    | 175     | 13      |
| A145X175X15AS          | 145    | 175     | 15      |
| A145X180X12            | 145    | 180     | 12      |
| A146X163X7             | 146    | 163     | 7       |
| C146,05X171,45X12,7    | 146,05 | 171,45  | 12,7    |
| A146,05X177,8X12,7     | 146,05 | 177,8   | 12,7    |
| C146,05X177,8X12,7     | 146,05 | 177,8   | 12,7    |
| C147X187,6X20,8CS      | 147    | 187,6   | 20,8    |
| A148X170X14,5          | 148    | 170     | 14,5    |
| A150X170X13            | 150    | 170     | 13      |
| A150X170X15AS          | 150    | 170     | 15      |
| A150X178X12AS          | 150    | 178     | 12      |
| A150X180X8,5BABSL      | 150    | 180     | 8,5     |
| A150X180X12            | 150    | 180     | 12      |
| A150X180X13AS          | 150    | 180     | 13      |
| A150X180X13ASV         | 150    | 180     | 13      |
| A150X180X14AS          | 150    | 180     | 14      |
| A150X180X15AS          | 150    | 180     | 15      |
| A150X180X15ASV         | 150    | 180     | 15      |
| CAS150X180X14,5/16     | 150    | 180     | 14,5/16 |
| C150X190X15            | 150    | 190     | 15      |
| A150X200X15            | 150    | 200     | 15      |
| A150X225/190X12/24     | 150    | 225/190 | 12/24   |
| A152,4X177,8X12,7      | 152,4  | 177,8   | 12,7    |
| A152,4X184,15X12,7AS   | 152,4  | 184,15  | 12,7    |
| A155X174X12            | 155    | 174     | 12      |
| A155X175X12            | 155    | 175     | 12      |
| A155X180X15AS          | 155    | 180     | 15      |
| A155X190X15            | 155    | 190     | 15      |
| CAS155X190X17,5/19     | 155    | 190     | 17,5/19 |
| A155X200X15AS          | 155    | 200     | 15      |
| A158,75X182,56X15,88AS | 158,75 | 182,56  | 15,88   |
| A160X180X10AS          | 160    | 180     | 10      |
| A160X180X12AS          | 160    | 180     | 12      |
| A160X180X15AS          | 160    | 180     | 15      |

|                      |        |        |         |
|----------------------|--------|--------|---------|
| A160X185X8,5BABSL    | 160    | 185    | 8,5     |
| A160X185X8,5VBABSL   | 160    | 185    | 8,5     |
| A160X185X10AS        | 160    | 185    | 10      |
| A160X190X15AS        | 160    | 190    | 15      |
| A160X190X15ASV       | 160    | 190    | 15      |
| C160X190X15CS        | 160    | 190    | 15      |
| CAS160X196X17/24,3   | 160    | 196    | 17/24,3 |
| A160X200X15AS        | 160    | 200    | 15      |
| A161,92X187,32X12,7  | 161,92 | 187,32 | 12,7    |
| A162X190X12          | 162    | 190    | 12      |
| A165X190X13AS        | 165    | 190    | 13      |
| A165X190X15          | 165    | 190    | 15      |
| A165X190X15AS        | 165    | 190    | 15      |
| A165X200X15AS        | 165    | 200    | 15      |
| A165,10X190,50X12,7  | 165,1  | 190,5  | 12,7    |
| CAS167,8X198X13/14,5 | 167,8  | 198    | 13/14,5 |
| A170X140X13BAJ       | 170    | 140    | 13      |
| A170X190X15          | 170    | 190    | 15      |
| A170X190X15AS        | 170    | 190    | 15      |
| A170X200X15AS        | 170    | 200    | 15      |
| A170X200X15ASV       | 170    | 200    | 15      |
| CAS170X200X15/16     | 170    | 200    | 15/16   |
| C170X215X16          | 170    | 215    | 16      |
| C172X200X15          | 172    | 200    | 15      |
| A175X200X15AS        | 175    | 200    | 15      |
| C175X200X15          | 175    | 200    | 15      |
| A175X205X15          | 175    | 205    | 15      |
| C175X215X16          | 175    | 215    | 16      |
| A177,8X203,2X12,7    | 177,8  | 203,2  | 12,7    |
| A180X200X10          | 180    | 200    | 10      |
| C180X200X12CS        | 180    | 200    | 12      |
| A180X200X13          | 180    | 200    | 13      |
| A180X210X8,5BABSL    | 180    | 210    | 8,5     |
| A180X210X10AS        | 180    | 210    | 10      |
| A180X210X15          | 180    | 210    | 15      |
| A180X210X15AS        | 180    | 210    | 15      |
| A180X210X15ASV       | 180    | 210    | 15      |
| A180X215X15AS        | 180    | 215    | 15      |
| C180X215X15CS        | 180    | 215    | 15      |
| A180X220X15          | 180    | 220    | 15      |
| A180X220X15AS        | 180    | 220    | 15      |
| A180X220X15V         | 180    | 220    | 15      |
| A185X205X11BABSL     | 185    | 205    | 11      |
| A185X210X13ASV       | 185    | 210    | 13      |
| A185X215X15          | 185    | 215    | 15      |
| A190X215X15AS        | 190    | 215    | 15      |
| CAS190X215X15,5/17   | 190    | 215    | 15,5/17 |
| A190X220X12AS        | 190    | 220    | 12      |
| A190X220X12V         | 190    | 220    | 12      |
| C190X220X12CS        | 190    | 220    | 12      |
| A190X220X15AS        | 190    | 220    | 15      |
| A190X220X15ASV       | 190    | 220    | 15      |
| CAS190X220X16/18     | 190    | 220    | 16/18   |
| A190X230X15          | 190    | 230    | 15      |
| A190X230X15AS        | 190    | 230    | 15      |
| A190X230X16ASV       | 190    | 230    | 16      |
| A195X230X16AS        | 195    | 230    | 16      |
| A200X230X15AS        | 200    | 230    | 15      |

|                      |        |        |       |
|----------------------|--------|--------|-------|
| A200X230X15ASV       | 200    | 230    | 15    |
| C200X230X15          | 200    | 230    | 15    |
| A200X250X15          | 200    | 250    | 15    |
| A200X250X15AS        | 200    | 250    | 15    |
| C200X250X15          | 200    | 250    | 15    |
| A205X250X16          | 205    | 250    | 16    |
| A210X240X15          | 210    | 240    | 15    |
| A210X240X15AS        | 210    | 240    | 15    |
| C215X250X16          | 215    | 250    | 16    |
| A220X250X15          | 220    | 250    | 15    |
| A220X250X15AS        | 220    | 250    | 15    |
| C222,25X254X15,88    | 222,25 | 254    | 15,88 |
| A230X260X15          | 230    | 260    | 15    |
| A230X260X15AS        | 230    | 260    | 15    |
| A230X270X15AS        | 230    | 270    | 15    |
| A235X265X15AS        | 235    | 265    | 15    |
| A240X270X15          | 240    | 270    | 15    |
| A240X270X15AS        | 240    | 270    | 15    |
| A240X270X15ASV       | 240    | 270    | 15    |
| A240X280X15          | 240    | 280    | 15    |
| A241,3X279,4X19,05   | 241,3  | 279,4  | 19,05 |
| C241,3X285,75X19,05  | 241,3  | 285,75 | 19,05 |
| C247,65X285,75X19,05 | 247,65 | 285,75 | 19,05 |
| A250X280X15AS        | 250    | 280    | 15    |
| C250X280X16          | 250    | 280    | 16    |
| A254X285,75X21,44    | 254    | 285,75 | 21,44 |
| A260X290X15AS        | 260    | 290    | 15    |
| A260X290X15ASV       | 260    | 290    | 15    |
| A260X300X20          | 260    | 300    | 20    |
| A260X300X20AS        | 260    | 300    | 20    |
| A270X310X16AS        | 270    | 310    | 16    |
| A280X310X15ASV       | 280    | 310    | 15    |
| C280X310X16          | 280    | 310    | 16    |
| A280X320X20AS        | 280    | 320    | 20    |
| A300X340X16          | 300    | 340    | 16    |
| A300X340X16V         | 300    | 340    | 16    |
| A300X340X18AS        | 300    | 340    | 18    |
| A300X340X20AS        | 300    | 340    | 20    |
| A310X350X18AS        | 310    | 350    | 18    |
| C310X350X18          | 310    | 350    | 18    |
| C320X350X18          | 320    | 350    | 18    |
| C320X360X20          | 320    | 360    | 20    |
| A340X380X20AS        | 340    | 380    | 20    |
| C340X380X20          | 340    | 380    | 20    |
| A350X390X18          | 350    | 390    | 18    |
| A380X420X20          | 380    | 420    | 20    |
| A394X420X16          | 394    | 420    | 16    |
| A420X460X20AS        | 420    | 460    | 20    |
| C420X460X20          | 420    | 460    | 20    |
| C440X480X20          | 440    | 480    | 20    |

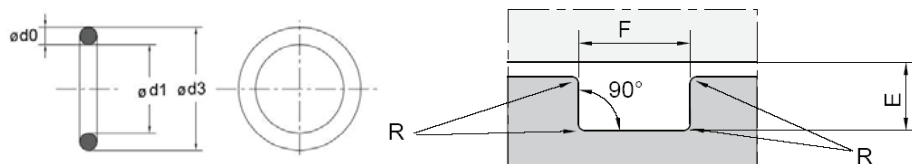
## Muistiinpanoja



**Suunnittelemme ja valmistamme  
hydrauliikka- ja pneumatiikkatiivisteitä  
toivottujen mallien ja mittojen mukaan.**

- Kymmenistä eri materiaalivaihtoehdosta, halkaisijaltaan muutamasta millimetristä neljään metriin.
- Tiivisteet valmistetaan nopeasti, mutta huolellisesti viimeisintä tekniikkaa hyödyntävillä CNC-sorveilla.
- Materiaaleja, joita koneistamme, meiltä löytyy mm. NBR, EPDM, FPM, Silikoni, PEEK, POM, UHMW-PE näiden lisäksi Polyuretaaneja ja Tefloneita meiltä löytyy useita erilaisia, käyttökohteiden mukaan. Laajan yhteistyöverkostomme kautta maailmalta saamme hankittua erittäin kattavasti myös harvinaisempia aineita.

**Valmistamme  
myös asiakkaiden  
omilla kuvilla  
erilaisia kappaleita.**



## O-Renkaat

## Uran mitoitus

| Poikki-<br>leikkaus<br>mm Ø | Dynaaminen käyttö      |                         |                    | Staattinen käyttö      |                        |                        |                        | Pyöristys-<br>säde<br>R |
|-----------------------------|------------------------|-------------------------|--------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|
|                             | Uran syvyys<br>E +0,00 | Uranleveys              |                    | Laippatiiviste         |                        | Muut staattiset osat   |                        |                         |
|                             |                        | Edestakainen<br>F +0,10 | Pyörivä<br>F +0,10 | Uran syvyys<br>E +0,00 | Uran leveys<br>F +0,10 | Uran syvyys<br>E +0,00 | Uran leveys<br>F +0,10 |                         |
| 1,00 - 1,02                 | 0,81                   | 1,57                    | 1,20               | 0,68                   | 1,57                   | 0,73                   | 1,30                   | 0,2                     |
| 1,20                        | 1,00                   | 1,80                    | 1,40               | 0,82                   | 1,80                   | 0,88                   | 1,60                   | 0,2                     |
| 1,25 - 1,27                 | 1,04                   | 1,85                    | 1,45               | 0,85                   | 1,85                   | 0,92                   | 1,70                   | 0,2                     |
| 1,30                        | 1,10                   | 1,90                    | 1,50               | 0,88                   | 1,90                   | 0,95                   | 1,80                   | 0,2                     |
| 1,42                        | 1,16                   | 2,08                    | 1,60               | 0,96                   | 2,08                   | 1,03                   | 2,00                   | 0,2                     |
| 1,50 - 1,52                 | 1,24                   | 2,16                    | 1,70               | 1,02                   | 2,16                   | 1,10                   | 2,20                   | 0,2                     |
| 1,60 - 1,63                 | 1,30                   | 2,20                    | 2,10               | 1,10                   | 2,20                   | 1,15                   | 2,20                   | 0,5                     |
| 1,78                        | 1,45                   | 2,40                    | 2,30               | 1,20                   | 2,40                   | 1,30                   | 2,30                   | 0,5                     |
| 1,83                        | 1,50                   | 2,45                    | 2,35               | 1,20                   | 2,45                   | 1,30                   | 2,40                   | 0,5                     |
| 1,98 - 2,00                 | 1,60                   | 2,70                    | 2,50               | 1,50                   | 2,70                   | 1,55                   | 2,40                   | 0,5                     |
| 2,08                        | 1,70                   | 2,75                    | 2,50               | 1,60                   | 2,75                   | 1,65                   | 2,50                   | 0,5                     |
| 2,21                        | 1,80                   | 3,00                    | 2,55               | 1,70                   | 3,00                   | 1,75                   | 2,70                   | 0,5                     |
| 2,40                        | 2,10                   | 3,25                    | 2,70               | 1,90                   | 3,25                   | 2,00                   | 2,90                   | 0,5                     |
| 2,46                        | 2,15                   | 3,30                    | 2,75               | 1,95                   | 3,30                   | 2,00                   | 3,00                   | 0,5                     |
| 2,50                        | 2,20                   | 3,40                    | 2,80               | 2,00                   | 3,40                   | 2,05                   | 3,10                   | 0,5                     |
| 2,62                        | 2,30                   | 3,60                    | 2,90               | 2,10                   | 3,60                   | 2,20                   | 3,20                   | 0,5                     |
| 2,75                        | 2,45                   | 3,70                    | 3,10               | 2,20                   | 3,70                   | 2,30                   | 3,40                   | 0,5                     |
| 2,95 - 3,00                 | 2,65                   | 4,05                    | 3,35               | 2,40                   | 4,05                   | 2,50                   | 3,70                   | 0,5                     |
| 3,15                        | 2,85                   | 4,25                    | 3,50               | 2,50                   | 4,25                   | 2,60                   | 3,90                   | 0,5                     |
| 3,50 - 3,53                 | 3,10                   | 4,80                    | 3,90               | 2,80                   | 4,80                   | 2,90                   | 4,30                   | 1,0                     |
| 4,00                        | 3,55                   | 5,50                    | 4,35               | 3,30                   | 5,50                   | 3,50                   | 4,60                   | 1,0                     |
| 4,50                        | 4,00                   | 6,20                    | 4,90               | 3,70                   | 6,20                   | 3,90                   | 5,20                   | 1,0                     |
| 5,00                        | 4,40                   | 6,80                    | 5,50               | 4,10                   | 6,80                   | 4,30                   | 5,70                   | 1,0                     |
| 5,33                        | 4,80                   | 7,20                    | 5,80               | 4,40                   | 7,20                   | 4,60                   | 6,10                   | 1,0                     |
| 5,50                        | 4,95                   | 7,50                    | 6,30               | 4,55                   | 7,50                   | 4,70                   | 6,30                   | 1,0                     |
| 5,70                        | 5,15                   | 7,80                    | 6,35               | 4,70                   | 7,80                   | 4,80                   | 6,50                   | 1,0                     |
| 6,00                        | 5,40                   | 8,20                    | 6,70               | 4,95                   | 8,20                   | 5,20                   | 6,90                   | 1,0                     |
| 6,30 - 6,35                 | 5,55                   | 8,60                    | 7,00               | 5,20                   | 8,60                   | 5,30                   | 7,10                   | 1,0                     |
| 7,00                        | 6,10                   | 9,50                    | 7,80               | 5,80                   | 9,50                   | 5,90                   | 8,00                   | 1,5                     |
| 8,00                        | 7,20                   | 10,80                   | 8,90               | 6,70                   | 10,80                  | 6,80                   | 9,30                   | 1,5                     |
| 8,40                        | 7,55                   | 11,40                   | 9,40               | 7,00                   | 11,40                  | 7,20                   | 9,60                   | 1,5                     |
| 10,00                       | 9,00                   | 13,70                   | 11,20              | 8,30                   | 13,70                  | 8,50                   | 11,40                  | 1,5                     |
| 12,00                       | 10,40                  | 16,40                   | 13,40              | 10,00                  | 16,40                  | 10,20                  | 13,70                  | 1,5                     |

## Kysy lisää myyjiltämme



**Kalle Tuominen**  
Toimitusjohtaja

(03) 3833 775  
040 762 8566

kalle.tuominen@top-osa.fi



**Timi Talliniemi**  
Osto / Myynti

(03) 3833 773  
040 526 1680

timi.talliniemi@top-osa.fi



**Vili Mäkinen**  
Myyntipäällikkö

0400 689 669

vili.makinen@top-osa.fi



**Ville Tuominen**  
Avainasiakaspäällikkö

(03) 3833 774  
040 8250 571

ville.tuominen@top-osa.fi



**Mikko Ketola**  
Asiakaspalveluvastaava/Tekninen myynti

040 766 0834

mikko.ketola@top-osa.fi



**Santeri Viitala**  
Tekninen myynti

044 203 2489

santeri.viitala@top-osa.fi



**Sami Vartiainen**  
Noutomyymlä

044 975 5180

sami.vartiainen@top-osa.fi



**Top-Osa Oy**

(03) 383 3700

Pyrynkatu 6  
33900 Tampere

## Tiivistävä tekijä



top-osa.fi