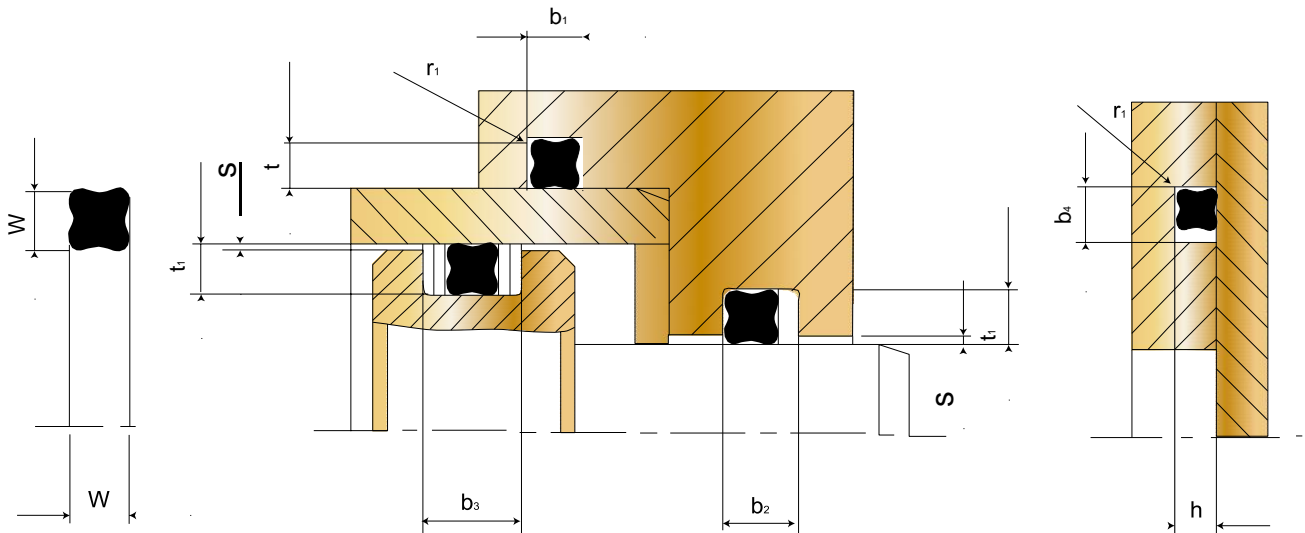


# Уплотнительные кольца X-образного сечения

## Рекомендации по установке



### Х-образные кольца

| Толщина<br>W | Радиальное утоньшение    |                         | Размеры пазов          |                       |                |           |           | Радиус<br>$r_1$ | rad.Gap<br>$S_{max}$ |
|--------------|--------------------------|-------------------------|------------------------|-----------------------|----------------|-----------|-----------|-----------------|----------------------|
|              | Динамич.<br>max.<br>min. | Статич.<br>max.<br>min. | Глубина паза           |                       | Толщина паза   |           |           |                 |                      |
|              |                          |                         | Динамич.<br>$t_1+0.05$ | Статич.<br>$t/h+0.05$ | $b_1, b_4+0.2$ | $b_2+0.2$ | $b_3+0.2$ |                 |                      |
| 1.02         | $\frac{0.300}{0.115}$    | $\frac{0.350}{0.165}$   | 0.80                   | 0.75                  | 1.20           | -         | -         | 0.10            | 0.03                 |
| 1.27         | $\frac{0.330}{0.145}$    | $\frac{0.430}{0.245}$   | 1.00                   | 0.90                  | 1.40           | -         | -         | 0.10            | 0.03                 |
| 1.52         | $\frac{0.350}{0.165}$    | $\frac{0.450}{0.265}$   | 1.25                   | 1.15                  | 1.70           | -         | -         | 0.22            | 0.04                 |
| 1.78         | $\frac{0.360}{0.175}$    | $\frac{0.460}{0.275}$   | 1.50                   | 1.40                  | 2.00           | 3.40      | 4.80      | 0.22            | 0.05                 |
| 2.62         | $\frac{0.400}{0.215}$    | $\frac{0.450}{0.265}$   | 2.30                   | 2.25                  | 3.00           | 4.40      | 5.80      | 0.30            | 0.08                 |
| 3.53         | $\frac{0.430}{0.205}$    | $\frac{0.530}{0.305}$   | 3.20                   | 3.10                  | 4.00           | 5.40      | 6.80      | 0.40            | 0.08                 |
| 5.33         | $\frac{0.560}{0.250}$    | $\frac{0.710}{0.400}$   | 4.90                   | 4.75                  | 6.00           | 7.70      | 9.40      | 0.40            | 0.10                 |
| 7.00         | $\frac{0.700}{0.350}$    | $\frac{0.950}{0.600}$   | 6.40                   | 6.20                  | 8.00           | 10.50     | 13.00     | 0.60            | 0.10                 |

# X-образные кольца

## X-образные кольца

| X-Ring<br>РАЗМЕРЫ | ЕД. ИЗМЕРЕНИЯ В МИЛЛИМЕТР. NBR 70 |       |      |      | ЕД. ИЗМЕРЕНИЯ В МИЛЛИМЕТР. FKM 70 |       |      |      |
|-------------------|-----------------------------------|-------|------|------|-----------------------------------|-------|------|------|
|                   | ID                                | ±     | W    | ±    | ID                                | ±     | W    | ±    |
| X0004             | 1.78                              | 0.130 | 1.78 | 0.08 | 1.78                              | 0.14  | 1.78 | 0.09 |
| X0005             | 2.57                              | 0.130 | 1.78 | 0.08 | 2.57                              | 0.14  | 1.78 | 0.09 |
| X0006             | 2.90                              | 0.130 | 1.78 | 0.08 | 2.90                              | 0.14  | 1.78 | 0.09 |
| X0007             | 3.68                              | 0.130 | 1.78 | 0.08 | 3.68                              | 0.15  | 1.78 | 0.09 |
| X0008             | 4.47                              | 0.130 | 1.78 | 0.08 | 4.47                              | 0.15  | 1.78 | 0.09 |
| X0009             | 5.28                              | 0.130 | 1.78 | 0.08 | 5.28                              | 0.16  | 1.78 | 0.09 |
| X0010             | 6.07                              | 0.130 | 1.78 | 0.08 | 6.07                              | 0.16  | 1.78 | 0.09 |
| X0011             | 7.65                              | 0.130 | 1.78 | 0.08 | 7.65                              | 0.17  | 1.78 | 0.09 |
| X0012             | 9.25                              | 0.130 | 1.78 | 0.08 | 9.25                              | 0.18  | 1.78 | 0.09 |
| X0013             | 10.82                             | 0.130 | 1.78 | 0.08 | 10.82                             | 0.18  | 1.78 | 0.09 |
| X0014             | 12.42                             | 0.130 | 1.78 | 0.08 | 12.42                             | 0.19  | 1.78 | 0.09 |
| X0015             | 14.00                             | 0.180 | 1.78 | 0.08 | 14.00                             | 0.25  | 1.78 | 0.09 |
| X0016             | 15.60                             | 0.230 | 1.78 | 0.08 | 15.60                             | 0.31  | 1.78 | 0.09 |
| X0017             | 17.17                             | 0.230 | 1.78 | 0.08 | 17.17                             | 0.32  | 1.78 | 0.09 |
| X0018             | 18.77                             | 0.230 | 1.78 | 0.08 | 18.77                             | 0.32  | 1.78 | 0.09 |
| X0019             | 20.35                             | 0.230 | 1.78 | 0.08 | 20.35                             | 0.33  | 1.78 | 0.09 |
| X0020             | 21.95                             | 0.230 | 1.78 | 0.08 | 21.95                             | 0.34  | 1.78 | 0.09 |
| X0021             | 23.52                             | 0.230 | 1.78 | 0.08 | 23.52                             | 0.35  | 1.78 | 0.09 |
| X0022             | 25.12                             | 0.250 | 1.78 | 0.08 | 25.12                             | 0.38  | 1.78 | 0.09 |
| X0023             | 26.70                             | 0.250 | 1.78 | 0.08 | 26.70                             | 0.38  | 1.78 | 0.09 |
| X0024             | 28.30                             | 0.250 | 1.78 | 0.08 | 28.30                             | 0.39  | 1.78 | 0.09 |
| X0025             | 29.87                             | 0.280 | 1.78 | 0.08 | 29.87                             | 0.43  | 1.78 | 0.09 |
| X0026             | 31.47                             | 0.280 | 1.78 | 0.08 | 31.47                             | 0.44  | 1.78 | 0.09 |
| X0027             | 33.05                             | 0.280 | 1.78 | 0.08 | 33.05                             | 0.45  | 1.78 | 0.09 |
| X0028             | 34.65                             | 0.330 | 1.78 | 0.08 | 34.65                             | 0.50  | 1.78 | 0.09 |
| X0029             | 37.82                             | 0.330 | 1.78 | 0.08 | 37.82                             | 0.52  | 1.78 | 0.09 |
| X0030             | 41.00                             | 0.330 | 1.78 | 0.08 | 41.00                             | 0.54  | 1.78 | 0.09 |
| X0031             | 44.17                             | 0.380 | 1.78 | 0.08 | 44.17                             | 0.60  | 1.78 | 0.09 |
| X0032             | 47.35                             | 0.380 | 1.78 | 0.08 | 47.35                             | 0.62  | 1.78 | 0.09 |
| X0033             | 50.52                             | 0.460 | 1.78 | 0.08 | 50.52                             | 0.71  | 1.78 | 0.09 |
| X0034             | 53.70                             | 0.460 | 1.78 | 0.08 | 53.70                             | 0.73  | 1.78 | 0.09 |
| X0035             | 56.87                             | 0.460 | 1.78 | 0.08 | 56.87                             | 0.74  | 1.78 | 0.09 |
| X0036             | 60.05                             | 0.460 | 1.78 | 0.08 | 60.05                             | 0.76  | 1.78 | 0.09 |
| X0037             | 63.22                             | 0.460 | 1.78 | 0.08 | 63.22                             | 0.78  | 1.78 | 0.09 |
| X0038             | 66.40                             | 0.510 | 1.78 | 0.08 | 66.40                             | 0.84  | 1.78 | 0.09 |
| X0039             | 69.57                             | 0.510 | 1.78 | 0.08 | 69.57                             | 0.86  | 1.78 | 0.09 |
| X0040             | 72.75                             | 0.510 | 1.78 | 0.08 | 72.75                             | 0.87  | 1.78 | 0.09 |
| X0041             | 75.92                             | 0.610 | 1.78 | 0.08 | 75.92                             | 0.99  | 1.78 | 0.09 |
| X0042             | 82.27                             | 0.610 | 1.78 | 0.08 | 82.27                             | 1.02  | 1.78 | 0.09 |
| X0043             | 88.62                             | 0.610 | 1.78 | 0.08 | 88.62                             | 1.05  | 1.78 | 0.09 |
| X0044             | 94.97                             | 0.690 | 1.78 | 0.08 | 94.97                             | 1.16  | 1.78 | 0.09 |
| X0045             | 101.32                            | 0.690 | 1.78 | 0.08 | 101.32                            | 1.20  | 1.78 | 0.09 |
| X0046             | 107.67                            | 0.760 | 1.78 | 0.08 | 107.67                            | 1.300 | 1.78 | 0.09 |
| X0047             | 114.02                            | 0.760 | 1.78 | 0.08 | 114.02                            | 1.330 | 1.78 | 0.09 |
| X0048             | 120.37                            | 0.760 | 1.78 | 0.08 | 120.37                            | 1.36  | 1.78 | 0.09 |
| X0049             | 126.72                            | 0.940 | 1.78 | 0.08 | 126.72                            | 1.57  | 1.78 | 0.09 |
| X0050             | 133.07                            | 0.940 | 1.78 | 0.08 | 133.07                            | 1.61  | 1.78 | 0.09 |
| X0102             | 1.24                              | 0.130 | 2.62 | 0.08 | 1.24                              | 0.14  | 2.62 | 0.09 |
| X0103             | 2.06                              | 0.130 | 2.62 | 0.08 | 2.06                              | 0.14  | 2.62 | 0.09 |
| X0104             | 2.84                              | 0.130 | 2.62 | 0.08 | 2.84                              | 0.14  | 2.62 | 0.09 |
| X0105             | 3.63                              | 0.130 | 2.62 | 0.08 | 3.63                              | 0.15  | 2.62 | 0.09 |
| X0106             | 4.42                              | 0.130 | 2.62 | 0.08 | 4.42                              | 0.15  | 2.62 | 0.09 |
| X0107             | 5.23                              | 0.130 | 2.62 | 0.08 | 5.23                              | 0.16  | 2.62 | 0.09 |

## X-образные кольца

| X-Ring<br>РАЗМЕР | ЕД. ИЗМЕРЕНИЯ В МИЛЛИМЕТР. NBR 70 |       |      |      | ЕД. ИЗМЕРЕНИЯ В МИЛЛИМЕТР. FKM 70 |       |      |      |
|------------------|-----------------------------------|-------|------|------|-----------------------------------|-------|------|------|
|                  | ID                                | ±     | W    | ±    | ID                                | ±     | W    | ±    |
| X0108            | 6.02                              | 0.130 | 2.62 | 0.08 | 6.02                              | 0.16  | 2.62 | 0.09 |
| X0109            | 7.59                              | 0.130 | 2.62 | 0.08 | 7.59                              | 0.17  | 2.62 | 0.09 |
| X0110            | 9.19                              | 0.130 | 2.62 | 0.08 | 9.19                              | 0.18  | 2.62 | 0.09 |
| X0111            | 10.77                             | 0.130 | 2.62 | 0.08 | 10.77                             | 0.18  | 2.62 | 0.09 |
| X0112            | 12.37                             | 0.130 | 2.62 | 0.08 | 12.37                             | 0.19  | 2.62 | 0.09 |
| X0113            | 13.94                             | 0.180 | 2.62 | 0.08 | 13.94                             | 0.25  | 2.62 | 0.09 |
| X0114            | 15.54                             | 0.230 | 2.62 | 0.08 | 15.54                             | 0.31  | 2.62 | 0.09 |
| X0115            | 17.12                             | 0.230 | 2.62 | 0.08 | 17.12                             | 0.32  | 2.62 | 0.09 |
| X0116            | 18.72                             | 0.230 | 2.62 | 0.08 | 18.72                             | 0.32  | 2.62 | 0.09 |
| X0117            | 20.30                             | 0.250 | 2.62 | 0.08 | 20.30                             | 0.35  | 2.62 | 0.09 |
| X0118            | 21.89                             | 0.250 | 2.62 | 0.08 | 21.89                             | 0.36  | 2.62 | 0.09 |
| X0119            | 23.47                             | 0.250 | 2.62 | 0.08 | 23.47                             | 0.37  | 2.62 | 0.09 |
| X0120            | 25.07                             | 0.250 | 2.62 | 0.08 | 25.07                             | 0.38  | 2.62 | 0.09 |
| X0121            | 26.64                             | 0.250 | 2.62 | 0.08 | 26.64                             | 0.38  | 2.62 | 0.09 |
| X0122            | 28.24                             | 0.250 | 2.62 | 0.08 | 28.24                             | 0.39  | 2.62 | 0.09 |
| X0123            | 29.82                             | 0.300 | 2.62 | 0.08 | 29.82                             | 0.45  | 2.62 | 0.09 |
| X0124            | 31.42                             | 0.300 | 2.62 | 0.08 | 31.42                             | 0.46  | 2.62 | 0.09 |
| X0125            | 32.99                             | 0.300 | 2.62 | 0.08 | 32.99                             | 0.46  | 2.62 | 0.09 |
| X0126            | 34.59                             | 0.300 | 2.62 | 0.08 | 34.59                             | 0.47  | 2.62 | 0.09 |
| X0127            | 36.17                             | 0.300 | 2.62 | 0.08 | 36.17                             | 0.48  | 2.62 | 0.09 |
| X0128            | 37.77                             | 0.300 | 2.62 | 0.08 | 37.77                             | 0.49  | 2.62 | 0.09 |
| X0129            | 39.34                             | 0.380 | 2.62 | 0.08 | 39.34                             | 0.58  | 2.62 | 0.09 |
| X0130            | 40.94                             | 0.380 | 2.62 | 0.08 | 40.94                             | 0.58  | 2.62 | 0.09 |
| X0131            | 42.52                             | 0.380 | 2.62 | 0.08 | 42.52                             | 0.59  | 2.62 | 0.09 |
| X0132            | 44.12                             | 0.380 | 2.62 | 0.08 | 44.12                             | 0.60  | 2.62 | 0.09 |
| X0133            | 45.69                             | 0.380 | 2.62 | 0.08 | 45.69                             | 0.61  | 2.62 | 0.09 |
| X0134            | 47.29                             | 0.380 | 2.62 | 0.08 | 47.29                             | 0.62  | 2.62 | 0.09 |
| X0135            | 48.90                             | 0.430 | 2.62 | 0.08 | 48.90                             | 0.67  | 2.62 | 0.09 |
| X0136            | 50.47                             | 0.430 | 2.62 | 0.08 | 50.47                             | 0.68  | 2.62 | 0.09 |
| X0137            | 52.07                             | 0.430 | 2.62 | 0.08 | 52.07                             | 0.69  | 2.62 | 0.09 |
| X0138            | 53.64                             | 0.430 | 2.62 | 0.08 | 53.64                             | 0.70  | 2.62 | 0.09 |
| X0139            | 55.25                             | 0.430 | 2.62 | 0.08 | 55.25                             | 0.71  | 2.62 | 0.09 |
| X0140            | 56.82                             | 0.430 | 2.62 | 0.08 | 56.82                             | 0.71  | 2.62 | 0.09 |
| X0141            | 58.42                             | 0.510 | 2.62 | 0.08 | 58.42                             | 0.800 | 2.62 | 0.09 |
| X0142            | 59.99                             | 0.510 | 2.62 | 0.08 | 59.99                             | 0.810 | 2.62 | 0.09 |
| X0143            | 61.60                             | 0.510 | 2.62 | 0.08 | 61.60                             | 0.82  | 2.62 | 0.09 |
| X0144            | 63.17                             | 0.510 | 2.62 | 0.08 | 63.17                             | 0.83  | 2.62 | 0.09 |
| X0145            | 64.77                             | 0.510 | 2.62 | 0.08 | 64.77                             | 0.83  | 2.62 | 0.09 |
| X0146            | 66.34                             | 0.510 | 2.62 | 0.08 | 66.34                             | 0.84  | 2.62 | 0.09 |
| X0147            | 67.95                             | 0.560 | 2.62 | 0.08 | 67.95                             | 0.90  | 2.62 | 0.09 |
| X0148            | 69.52                             | 0.560 | 2.62 | 0.08 | 69.52                             | 0.91  | 2.62 | 0.09 |
| X0149            | 71.12                             | 0.560 | 2.62 | 0.08 | 71.12                             | 0.92  | 2.62 | 0.09 |
| X0150            | 72.69                             | 0.560 | 2.62 | 0.08 | 72.69                             | 0.92  | 2.62 | 0.09 |
| X0151            | 75.87                             | 0.610 | 2.62 | 0.08 | 75.87                             | 0.99  | 2.62 | 0.09 |
| X0152            | 82.22                             | 0.610 | 2.62 | 0.08 | 82.22                             | 1.02  | 2.62 | 0.09 |
| X0153            | 88.57                             | 0.610 | 2.62 | 0.08 | 88.57                             | 1.05  | 2.62 | 0.09 |
| X0154            | 94.92                             | 0.710 | 2.62 | 0.08 | 94.92                             | 1.18  | 2.62 | 0.09 |
| X0155            | 101.27                            | 0.710 | 2.62 | 0.08 | 101.27                            | 1.22  | 2.62 | 0.09 |
| X0156            | 107.62                            | 0.760 | 2.62 | 0.08 | 107.62                            | 1.30  | 2.62 | 0.09 |
| X0157            | 113.97                            | 0.760 | 2.62 | 0.08 | 113.97                            | 1.33  | 2.62 | 0.09 |
| X0158            | 120.32                            | 0.760 | 2.62 | 0.08 | 120.32                            | 1.36  | 2.62 | 0.09 |
| X0159            | 126.67                            | 0.890 | 2.62 | 0.08 | 126.67                            | 1.52  | 2.62 | 0.09 |
| X0160            | 133.02                            | 0.890 | 2.62 | 0.08 | 133.02                            | 1.56  | 2.62 | 0.09 |
| X0161            | 139.37                            | 0.890 | 2.62 | 0.08 | 139.37                            | 1.59  | 2.62 | 0.09 |
| X0162            | 145.72                            | 0.890 | 2.62 | 0.08 | 145.72                            | 1.62  | 2.62 | 0.09 |

# X-образные кольца

## X-образные кольца

| X-Ring<br>РАЗМЕР | ЕД. ИЗМЕРЕНИЯ В МИЛЛИМЕТР. NBR 70 |       |      |      | ЕД. ИЗМЕРЕНИЯ В МИЛЛИМЕТР. FKM 70 |       |      |      |
|------------------|-----------------------------------|-------|------|------|-----------------------------------|-------|------|------|
|                  | ID                                | ±     | W    | ±    | ID                                | ±     | W    | ±    |
| X0163            | 152.07                            | 0.890 | 2.62 | 0.08 | 152.07                            | 1.65  | 2.62 | 0.09 |
| X0164            | 158.42                            | 1.020 | 2.62 | 0.08 | 158.42                            | 1.81  | 2.62 | 0.09 |
| X0165            | 164.77                            | 1.020 | 2.62 | 0.08 | 164.77                            | 1.84  | 2.62 | 0.09 |
| X0166            | 171.12                            | 1.020 | 2.62 | 0.08 | 171.12                            | 1.88  | 2.62 | 0.09 |
| X0167            | 177.47                            | 1.020 | 2.62 | 0.08 | 177.47                            | 1.91  | 2.62 | 0.09 |
| X0168            | 183.82                            | 1.140 | 2.62 | 0.08 | 183.82                            | 2.06  | 2.62 | 0.09 |
| X0169            | 190.17                            | 1.140 | 2.62 | 0.08 | 190.17                            | 2.09  | 2.62 | 0.09 |
| X0170            | 196.52                            | 1.140 | 2.62 | 0.08 | 196.52                            | 2.12  | 2.62 | 0.09 |
| X0171            | 202.87                            | 1.140 | 2.62 | 0.08 | 202.87                            | 2.15  | 2.62 | 0.09 |
| X0172            | 209.22                            | 1.270 | 2.62 | 0.08 | 209.22                            | 2.32  | 2.62 | 0.09 |
| X0173            | 215.57                            | 1.270 | 2.62 | 0.08 | 215.57                            | 2.35  | 2.62 | 0.09 |
| X0174            | 221.92                            | 1.270 | 2.62 | 0.08 | 221.92                            | 2.38  | 2.62 | 0.09 |
| X0175            | 228.27                            | 1.270 | 2.62 | 0.08 | 228.27                            | 2.41  | 2.62 | 0.09 |
| X0176            | 234.62                            | 1.400 | 2.62 | 0.08 | 234.62                            | 2.57  | 2.62 | 0.09 |
| X0177            | 240.97                            | 1.400 | 2.62 | 0.08 | 240.97                            | 2.60  | 2.62 | 0.09 |
| X0178            | 247.32                            | 1.400 | 2.62 | 0.08 | 247.32                            | 2.64  | 2.62 | 0.09 |
| X0201            | 4.34                              | 0.130 | 3.53 | 0.10 | 4.34                              | 0.15  | 3.53 | 0.12 |
| X0202            | 5.94                              | 0.130 | 3.53 | 0.10 | 5.94                              | 0.16  | 3.53 | 0.12 |
| X0203            | 7.52                              | 0.130 | 3.53 | 0.10 | 7.52                              | 0.17  | 3.53 | 0.12 |
| X0204            | 9.12                              | 0.130 | 3.53 | 0.10 | 9.12                              | 0.18  | 3.53 | 0.12 |
| X0205            | 10.69                             | 0.130 | 3.53 | 0.10 | 10.69                             | 0.18  | 3.53 | 0.12 |
| X0206            | 12.29                             | 0.130 | 3.53 | 0.10 | 12.29                             | 0.19  | 3.53 | 0.12 |
| X0207            | 13.87                             | 0.180 | 3.53 | 0.10 | 13.87                             | 0.250 | 3.53 | 0.12 |
| X0208            | 15.47                             | 0.230 | 3.53 | 0.10 | 15.47                             | 0.310 | 3.53 | 0.12 |
| X0209            | 17.04                             | 0.230 | 3.53 | 0.10 | 17.04                             | 0.32  | 3.53 | 0.12 |
| X0210            | 18.64                             | 0.250 | 3.53 | 0.10 | 18.64                             | 0.34  | 3.53 | 0.12 |
| X0211            | 20.22                             | 0.250 | 3.53 | 0.10 | 20.22                             | 0.35  | 3.53 | 0.12 |
| X0212            | 21.82                             | 0.250 | 3.53 | 0.10 | 21.82                             | 0.36  | 3.53 | 0.12 |
| X0213            | 23.39                             | 0.250 | 3.53 | 0.10 | 23.39                             | 0.37  | 3.53 | 0.12 |
| X0214            | 24.99                             | 0.250 | 3.53 | 0.10 | 24.99                             | 0.37  | 3.53 | 0.12 |
| X0215            | 26.57                             | 0.250 | 3.53 | 0.10 | 26.57                             | 0.38  | 3.53 | 0.12 |
| X0216            | 28.17                             | 0.300 | 3.53 | 0.10 | 28.17                             | 0.44  | 3.53 | 0.12 |
| X0217            | 29.74                             | 0.300 | 3.53 | 0.10 | 29.74                             | 0.45  | 3.53 | 0.12 |
| X0218            | 31.34                             | 0.300 | 3.53 | 0.10 | 31.34                             | 0.46  | 3.53 | 0.12 |
| X0219            | 32.92                             | 0.300 | 3.53 | 0.10 | 32.92                             | 0.46  | 3.53 | 0.12 |
| X0220            | 34.52                             | 0.300 | 3.53 | 0.10 | 34.52                             | 0.47  | 3.53 | 0.12 |
| X0221            | 36.09                             | 0.300 | 3.53 | 0.10 | 36.09                             | 0.48  | 3.53 | 0.12 |
| X0222            | 37.69                             | 0.380 | 3.53 | 0.10 | 37.69                             | 0.57  | 3.53 | 0.12 |
| X0223            | 40.87                             | 0.380 | 3.53 | 0.10 | 40.87                             | 0.58  | 3.53 | 0.12 |
| X0224            | 44.04                             | 0.380 | 3.53 | 0.10 | 44.04                             | 0.60  | 3.53 | 0.12 |
| X0225            | 47.22                             | 0.460 | 3.53 | 0.10 | 47.22                             | 0.70  | 3.53 | 0.12 |
| X0226            | 50.39                             | 0.460 | 3.53 | 0.10 | 50.39                             | 0.71  | 3.53 | 0.12 |
| X0227            | 53.57                             | 0.460 | 3.53 | 0.10 | 53.57                             | 0.73  | 3.53 | 0.12 |
| X0228            | 56.74                             | 0.510 | 3.53 | 0.10 | 56.74                             | 0.79  | 3.53 | 0.12 |
| X0229            | 59.92                             | 0.510 | 3.53 | 0.10 | 59.92                             | 0.81  | 3.53 | 0.12 |
| X0230            | 63.09                             | 0.510 | 3.53 | 0.10 | 63.09                             | 0.83  | 3.53 | 0.12 |
| X0231            | 66.27                             | 0.510 | 3.53 | 0.10 | 66.27                             | 0.84  | 3.53 | 0.12 |
| X0232            | 69.44                             | 0.610 | 3.53 | 0.10 | 69.44                             | 0.96  | 3.53 | 0.12 |
| X0233            | 72.62                             | 0.610 | 3.53 | 0.10 | 72.62                             | 0.97  | 3.53 | 0.12 |
| X0234            | 75.79                             | 0.610 | 3.53 | 0.10 | 75.79                             | 0.99  | 3.53 | 0.12 |
| X0235            | 78.97                             | 0.610 | 3.53 | 0.10 | 78.97                             | 1.00  | 3.53 | 0.12 |
| X0236            | 82.14                             | 0.610 | 3.53 | 0.10 | 82.14                             | 1.02  | 3.53 | 0.12 |
| X0237            | 85.32                             | 0.610 | 3.53 | 0.10 | 85.32                             | 1.04  | 3.53 | 0.12 |
| X0238            | 88.49                             | 0.610 | 3.53 | 0.10 | 88.49                             | 1.05  | 3.53 | 0.12 |
| X0239            | 91.67                             | 0.710 | 3.53 | 0.10 | 91.67                             | 1.17  | 3.53 | 0.12 |

## X-образные кольца

| X-Ring<br>РАЗМЕР | ЕД. ИЗМЕРЕНИЯ В МИЛЛИМЕТР. NBR 70 |       |      |      | ЕД. ИЗМЕРЕНИЯ В МИЛЛИМЕТР. FKM 70 |       |      |      |
|------------------|-----------------------------------|-------|------|------|-----------------------------------|-------|------|------|
|                  | ID                                | ±     | W    | ±    | ID                                | ±     | W    | ±    |
| X0240            | 94.84                             | 0.710 | 3.53 | 0.10 | 94.84                             | 1.18  | 3.53 | 0.12 |
| X0241            | 98.02                             | 0.710 | 3.53 | 0.10 | 98.02                             | 1.20  | 3.53 | 0.12 |
| X0242            | 101.19                            | 0.710 | 3.53 | 0.10 | 101.19                            | 1.22  | 3.53 | 0.12 |
| X0243            | 104.37                            | 0.710 | 3.53 | 0.10 | 104.37                            | 1.23  | 3.53 | 0.12 |
| X0244            | 107.54                            | 0.760 | 3.53 | 0.10 | 107.54                            | 1.30  | 3.53 | 0.12 |
| X0245            | 110.72                            | 0.760 | 3.53 | 0.10 | 110.72                            | 1.31  | 3.53 | 0.12 |
| X0246            | 113.89                            | 0.760 | 3.53 | 0.10 | 113.89                            | 1.33  | 3.53 | 0.12 |
| X0247            | 117.07                            | 0.760 | 3.53 | 0.10 | 117.07                            | 1.35  | 3.53 | 0.12 |
| X0248            | 120.24                            | 0.760 | 3.53 | 0.10 | 120.24                            | 1.36  | 3.53 | 0.12 |
| X0249            | 123.42                            | 0.890 | 3.53 | 0.10 | 123.42                            | 1.51  | 3.53 | 0.12 |
| X0250            | 126.59                            | 0.890 | 3.53 | 0.10 | 126.59                            | 1.52  | 3.53 | 0.12 |
| X0251            | 129.77                            | 0.890 | 3.53 | 0.10 | 129.77                            | 1.540 | 3.53 | 0.12 |
| X0252            | 132.94                            | 0.890 | 3.53 | 0.10 | 132.94                            | 1.550 | 3.53 | 0.12 |
| X0253            | 136.12                            | 0.890 | 3.53 | 0.10 | 136.12                            | 1.57  | 3.53 | 0.12 |
| X0254            | 139.29                            | 0.890 | 3.53 | 0.10 | 139.29                            | 1.59  | 3.53 | 0.12 |
| X0255            | 142.47                            | 0.890 | 3.53 | 0.10 | 142.47                            | 1.60  | 3.53 | 0.12 |
| X0256            | 145.64                            | 0.890 | 3.53 | 0.10 | 145.64                            | 1.62  | 3.53 | 0.12 |
| X0257            | 148.82                            | 0.890 | 3.53 | 0.10 | 148.82                            | 1.63  | 3.53 | 0.12 |
| X0258            | 151.99                            | 0.890 | 3.53 | 0.10 | 151.99                            | 1.65  | 3.53 | 0.12 |
| X0259            | 158.34                            | 1.020 | 3.53 | 0.10 | 158.34                            | 1.81  | 3.53 | 0.12 |
| X0260            | 164.69                            | 1.020 | 3.53 | 0.10 | 164.69                            | 1.84  | 3.53 | 0.12 |
| X0261            | 171.04                            | 1.020 | 3.53 | 0.10 | 171.04                            | 1.88  | 3.53 | 0.12 |
| X0262            | 177.39                            | 1.020 | 3.53 | 0.10 | 177.39                            | 1.91  | 3.53 | 0.12 |
| X0263            | 183.74                            | 1.140 | 3.53 | 0.10 | 183.74                            | 2.06  | 3.53 | 0.12 |
| X0264            | 190.09                            | 1.140 | 3.53 | 0.10 | 190.09                            | 2.09  | 3.53 | 0.12 |
| X0265            | 196.44                            | 1.140 | 3.53 | 0.10 | 196.44                            | 2.12  | 3.53 | 0.12 |
| X0266            | 202.79                            | 1.140 | 3.53 | 0.10 | 202.79                            | 2.15  | 3.53 | 0.12 |
| X0267            | 209.14                            | 1.270 | 3.53 | 0.10 | 209.14                            | 2.32  | 3.53 | 0.12 |
| X0268            | 215.49                            | 1.270 | 3.53 | 0.10 | 215.49                            | 2.35  | 3.53 | 0.12 |
| X0269            | 221.84                            | 1.270 | 3.53 | 0.10 | 221.84                            | 2.38  | 3.53 | 0.12 |
| X0270            | 228.19                            | 1.270 | 3.53 | 0.10 | 228.19                            | 2.41  | 3.53 | 0.12 |
| X0271            | 234.54                            | 1.400 | 3.53 | 0.10 | 234.54                            | 2.57  | 3.53 | 0.12 |
| X0272            | 240.89                            | 1.400 | 3.53 | 0.10 | 240.89                            | 2.60  | 3.53 | 0.12 |
| X0273            | 247.24                            | 1.400 | 3.53 | 0.10 | 247.24                            | 2.64  | 3.53 | 0.12 |
| X0274            | 253.59                            | 1.400 | 3.53 | 0.10 | 253.59                            | 2.67  | 3.53 | 0.12 |
| X0275            | 266.29                            | 1.400 | 3.53 | 0.10 | 266.29                            | 2.73  | 3.53 | 0.12 |
| X0276            | 278.99                            | 1.650 | 3.53 | 0.10 | 278.99                            | 3.04  | 3.53 | 0.12 |
| X0277            | 291.69                            | 1.650 | 3.53 | 0.10 | 291.69                            | 3.11  | 3.53 | 0.12 |
| X0278            | 304.39                            | 1.650 | 3.53 | 0.10 | 304.39                            | 3.17  | 3.53 | 0.12 |
| X0279            | 329.79                            | 1.650 | 3.53 | 0.10 | 329.79                            | 3.30  | 3.53 | 0.12 |
| X0280            | 355.19                            | 1.650 | 3.53 | 0.10 | 355.19                            | 3.43  | 3.53 | 0.12 |
| X0281            | 380.59                            | 1.650 | 3.53 | 0.10 | 380.59                            | 3.55  | 3.53 | 0.12 |
| X0282            | 405.26                            | 1.910 | 3.53 | 0.10 | 405.26                            | 3.94  | 3.53 | 0.12 |
| X0283            | 430.66                            | 2.030 | 3.53 | 0.10 | 430.66                            | 4.18  | 3.53 | 0.12 |
| X0284            | 456.06                            | 2.160 | 3.53 | 0.10 | 456.06                            | 4.44  | 3.53 | 0.12 |
| X0309            | 10.46                             | 0.130 | 5.33 | 0.13 | 10.46                             | 0.18  | 5.33 | 0.16 |
| X0310            | 12.07                             | 0.130 | 5.33 | 0.13 | 12.07                             | 0.19  | 5.33 | 0.16 |
| X0311            | 13.64                             | 0.180 | 5.33 | 0.13 | 13.64                             | 0.25  | 5.33 | 0.16 |
| X0312            | 15.24                             | 0.230 | 5.33 | 0.13 | 15.24                             | 0.31  | 5.33 | 0.16 |
| X0313            | 16.81                             | 0.230 | 5.33 | 0.13 | 16.81                             | 0.31  | 5.33 | 0.16 |
| X0314            | 18.42                             | 0.250 | 5.33 | 0.13 | 18.42                             | 0.34  | 5.33 | 0.16 |
| X0315            | 19.99                             | 0.250 | 5.33 | 0.13 | 19.99                             | 0.35  | 5.33 | 0.16 |
| X0316            | 21.59                             | 0.250 | 5.33 | 0.13 | 21.59                             | 0.36  | 5.33 | 0.16 |
| X0317            | 23.16                             | 0.250 | 5.33 | 0.13 | 23.16                             | 0.37  | 5.33 | 0.16 |
| X0318            | 24.77                             | 0.250 | 5.33 | 0.13 | 24.77                             | 0.37  | 5.33 | 0.16 |

# X-образные кольца

## X-образные кольца

| X-Ring<br>РАЗМЕР | ЕД. ИЗМЕРЕНИЯ В МИЛЛИМЕТР. NBR 70 |       |      |      | ЕД. ИЗМЕРЕНИЯ В МИЛЛИМЕТР. FKM 70 |       |      |      |
|------------------|-----------------------------------|-------|------|------|-----------------------------------|-------|------|------|
|                  | ID                                | ±     | W    | ±    | ID                                | ±     | W    | ±    |
| X0319            | 26.34                             | 0.250 | 5.33 | 0.13 | 26.34                             | 0.380 | 5.33 | 0.16 |
| X0320            | 27.94                             | 0.300 | 5.33 | 0.13 | 27.94                             | 0.440 | 5.33 | 0.16 |
| X0321            | 29.51                             | 0.300 | 5.33 | 0.13 | 29.51                             | 0.45  | 5.33 | 0.16 |
| X0322            | 31.12                             | 0.300 | 5.33 | 0.13 | 31.12                             | 0.46  | 5.33 | 0.16 |
| X0323            | 32.69                             | 0.300 | 5.33 | 0.13 | 32.69                             | 0.46  | 5.33 | 0.16 |
| X0324            | 34.29                             | 0.300 | 5.33 | 0.13 | 34.29                             | 0.47  | 5.33 | 0.16 |
| X0325            | 37.47                             | 0.380 | 5.33 | 0.13 | 37.47                             | 0.57  | 5.33 | 0.16 |
| X0326            | 40.64                             | 0.380 | 5.33 | 0.13 | 40.64                             | 0.58  | 5.33 | 0.16 |
| X0327            | 43.82                             | 0.380 | 5.33 | 0.13 | 43.82                             | 0.60  | 5.33 | 0.16 |
| X0328            | 46.99                             | 0.380 | 5.33 | 0.13 | 46.99                             | 0.61  | 5.33 | 0.16 |
| X0329            | 50.17                             | 0.460 | 5.33 | 0.13 | 50.17                             | 0.71  | 5.33 | 0.16 |
| X0330            | 53.34                             | 0.460 | 5.33 | 0.13 | 53.34                             | 0.73  | 5.33 | 0.16 |
| X0331            | 56.52                             | 0.460 | 5.33 | 0.13 | 56.52                             | 0.74  | 5.33 | 0.16 |
| X0332            | 59.69                             | 0.460 | 5.33 | 0.13 | 59.69                             | 0.76  | 5.33 | 0.16 |
| X0333            | 62.87                             | 0.510 | 5.33 | 0.13 | 62.87                             | 0.82  | 5.33 | 0.16 |
| X0334            | 66.04                             | 0.510 | 5.33 | 0.13 | 66.04                             | 0.84  | 5.33 | 0.16 |
| X0335            | 69.22                             | 0.510 | 5.33 | 0.13 | 69.22                             | 0.86  | 5.33 | 0.16 |
| X0336            | 72.39                             | 0.510 | 5.33 | 0.13 | 72.39                             | 0.87  | 5.33 | 0.16 |
| X0337            | 75.57                             | 0.610 | 5.33 | 0.13 | 75.57                             | 0.99  | 5.33 | 0.16 |
| X0338            | 78.74                             | 0.610 | 5.33 | 0.13 | 78.74                             | 1.00  | 5.33 | 0.16 |
| X0339            | 81.92                             | 0.610 | 5.33 | 0.13 | 81.92                             | 1.02  | 5.33 | 0.16 |
| X0340            | 85.09                             | 0.610 | 5.33 | 0.13 | 85.09                             | 1.04  | 5.33 | 0.16 |
| X0341            | 88.27                             | 0.610 | 5.33 | 0.13 | 88.27                             | 1.05  | 5.33 | 0.16 |
| X0342            | 91.44                             | 0.710 | 5.33 | 0.13 | 91.44                             | 1.17  | 5.33 | 0.16 |
| X0343            | 94.62                             | 0.710 | 5.33 | 0.13 | 94.62                             | 1.18  | 5.33 | 0.16 |
| X0344            | 97.79                             | 0.710 | 5.33 | 0.13 | 97.79                             | 1.20  | 5.33 | 0.16 |
| X0345            | 100.97                            | 0.710 | 5.33 | 0.13 | 100.97                            | 1.21  | 5.33 | 0.16 |
| X0346            | 104.14                            | 0.710 | 5.33 | 0.13 | 104.14                            | 1.23  | 5.33 | 0.16 |
| X0347            | 107.32                            | 0.760 | 5.33 | 0.13 | 107.32                            | 1.30  | 5.33 | 0.16 |
| X0348            | 110.49                            | 0.760 | 5.33 | 0.13 | 110.49                            | 1.31  | 5.33 | 0.16 |
| X0349            | 113.67                            | 0.760 | 5.33 | 0.13 | 113.67                            | 1.33  | 5.33 | 0.16 |
| X0350            | 116.84                            | 0.760 | 5.33 | 0.13 | 116.84                            | 1.34  | 5.33 | 0.16 |
| X0351            | 120.02                            | 0.760 | 5.33 | 0.13 | 120.02                            | 1.36  | 5.33 | 0.16 |
| X0352            | 123.19                            | 0.760 | 5.33 | 0.13 | 123.19                            | 1.38  | 5.33 | 0.16 |
| X0353            | 126.37                            | 0.940 | 5.33 | 0.13 | 126.37                            | 1.57  | 5.33 | 0.16 |
| X0354            | 129.54                            | 0.940 | 5.33 | 0.13 | 129.54                            | 1.59  | 5.33 | 0.16 |
| X0355            | 132.72                            | 0.940 | 5.33 | 0.13 | 132.72                            | 1.60  | 5.33 | 0.16 |
| X0356            | 135.89                            | 0.940 | 5.33 | 0.13 | 135.89                            | 1.62  | 5.33 | 0.16 |
| X0357            | 139.07                            | 0.940 | 5.33 | 0.13 | 139.07                            | 1.64  | 5.33 | 0.16 |
| X0358            | 142.24                            | 0.940 | 5.33 | 0.13 | 142.24                            | 1.65  | 5.33 | 0.16 |
| X0359            | 145.42                            | 0.940 | 5.33 | 0.13 | 145.42                            | 1.67  | 5.33 | 0.16 |
| X0360            | 148.59                            | 0.940 | 5.33 | 0.13 | 148.59                            | 1.68  | 5.33 | 0.16 |
| X0361            | 151.77                            | 0.940 | 5.33 | 0.13 | 151.77                            | 1.70  | 5.33 | 0.16 |
| X0362            | 158.12                            | 1.020 | 5.33 | 0.13 | 158.12                            | 1.81  | 5.33 | 0.16 |
| X0363            | 164.47                            | 1.020 | 5.33 | 0.13 | 164.47                            | 1.840 | 5.33 | 0.16 |
| X0364            | 170.82                            | 1.020 | 5.33 | 0.13 | 170.82                            | 1.870 | 5.33 | 0.16 |
| X0365            | 177.17                            | 1.020 | 5.33 | 0.13 | 177.17                            | 1.91  | 5.33 | 0.16 |
| X0366            | 183.52                            | 1.140 | 5.33 | 0.13 | 183.52                            | 2.06  | 5.33 | 0.16 |
| X0367            | 189.87                            | 1.140 | 5.33 | 0.13 | 189.87                            | 2.09  | 5.33 | 0.16 |
| X0368            | 196.22                            | 1.140 | 5.33 | 0.13 | 196.22                            | 2.12  | 5.33 | 0.16 |
| X0369            | 202.57                            | 1.140 | 5.33 | 0.13 | 202.57                            | 2.15  | 5.33 | 0.16 |
| X0370            | 208.92                            | 1.270 | 5.33 | 0.13 | 208.92                            | 2.31  | 5.33 | 0.16 |
| X0371            | 215.27                            | 1.270 | 5.33 | 0.13 | 215.27                            | 2.35  | 5.33 | 0.16 |
| X0372            | 221.62                            | 1.270 | 5.33 | 0.13 | 221.62                            | 2.38  | 5.33 | 0.16 |
| X0373            | 227.97                            | 1.270 | 5.33 | 0.13 | 227.97                            | 2.41  | 5.33 | 0.16 |

## X-образные кольца

| X-Ring<br>РАЗМЕР | ЕД. ИЗМЕРЕНИЯ В МИЛЛИМЕТР. NBR 70 |       |      |      | ЕД. ИЗМЕРЕНИЯ В МИЛЛИМЕТР. FKM 70 |       |      |      |
|------------------|-----------------------------------|-------|------|------|-----------------------------------|-------|------|------|
|                  | ID                                | ±     | W    | ±    | ID                                | ±     | W    | ±    |
| X0374            | 234.32                            | 1.400 | 5.33 | 0.13 | 234.32                            | 2.57  | 5.33 | 0.16 |
| X0375            | 240.67                            | 1.400 | 5.33 | 0.13 | 240.67                            | 2.60  | 5.33 | 0.16 |
| X0376            | 247.02                            | 1.400 | 5.33 | 0.13 | 247.02                            | 2.64  | 5.33 | 0.16 |
| X0377            | 253.37                            | 1.400 | 5.33 | 0.13 | 253.37                            | 2.67  | 5.33 | 0.16 |
| X0378            | 266.07                            | 1.520 | 5.33 | 0.13 | 266.07                            | 2.85  | 5.33 | 0.16 |
| X0379            | 278.77                            | 1.520 | 5.33 | 0.13 | 278.77                            | 2.91  | 5.33 | 0.16 |
| X0380            | 291.47                            | 1.650 | 5.33 | 0.13 | 291.47                            | 3.11  | 5.33 | 0.16 |
| X0381            | 304.17                            | 1.650 | 5.33 | 0.13 | 304.17                            | 3.17  | 5.33 | 0.16 |
| X0382            | 329.57                            | 1.650 | 5.33 | 0.13 | 329.57                            | 3.30  | 5.33 | 0.16 |
| X0383            | 354.97                            | 1.780 | 5.33 | 0.13 | 354.97                            | 3.55  | 5.33 | 0.16 |
| X0384            | 380.37                            | 1.780 | 5.33 | 0.13 | 380.37                            | 3.68  | 5.33 | 0.16 |
| X0385            | 405.26                            | 1.910 | 5.33 | 0.13 | 405.26                            | 3.94  | 5.33 | 0.16 |
| X0386            | 430.66                            | 2.030 | 5.33 | 0.13 | 430.66                            | 4.18  | 5.33 | 0.16 |
| X0387            | 456.06                            | 2.160 | 5.33 | 0.13 | 456.06                            | 4.44  | 5.33 | 0.16 |
| X0388            | 481.41                            | 2.290 | 5.33 | 0.13 | 481.41                            | 4.70  | 5.33 | 0.16 |
| X0389            | 506.81                            | 2.410 | 5.33 | 0.13 | 506.81                            | 4.94  | 5.33 | 0.16 |
| X0390            | 532.21                            | 2.410 | 5.33 | 0.13 | 532.21                            | 5.07  | 5.33 | 0.16 |
| X0391            | 557.61                            | 2.540 | 5.33 | 0.13 | 557.61                            | 5.33  | 5.33 | 0.16 |
| X0392            | 582.68                            | 2.670 | 5.33 | 0.13 | 582.68                            | 5.58  | 5.33 | 0.16 |
| X0393            | 608.08                            | 2.790 | 5.33 | 0.13 | 608.08                            | 5.83  | 5.33 | 0.16 |
| X0394            | 633.48                            | 2.920 | 5.33 | 0.13 | 633.48                            | 6.09  | 5.33 | 0.16 |
| X0395            | 658.88                            | 3.050 | 5.33 | 0.13 | 658.88                            | 6.34  | 5.33 | 0.16 |
| X0425            | 113.67                            | 0.840 | 6.99 | 0.15 | 113.67                            | 1.41  | 6.99 | 0.18 |
| X0426            | 116.84                            | 0.840 | 6.99 | 0.15 | 116.84                            | 1.42  | 6.99 | 0.18 |
| X0427            | 120.02                            | 0.840 | 6.99 | 0.15 | 120.02                            | 1.44  | 6.99 | 0.18 |
| X0428            | 123.19                            | 0.840 | 6.99 | 0.15 | 123.19                            | 1.46  | 6.99 | 0.18 |
| X0429            | 126.37                            | 0.940 | 6.99 | 0.15 | 126.37                            | 1.57  | 6.99 | 0.18 |
| X0430            | 129.54                            | 0.940 | 6.99 | 0.15 | 129.54                            | 1.59  | 6.99 | 0.18 |
| X0431            | 132.72                            | 0.940 | 6.99 | 0.15 | 132.72                            | 1.60  | 6.99 | 0.18 |
| X0432            | 135.89                            | 0.940 | 6.99 | 0.15 | 135.89                            | 1.62  | 6.99 | 0.18 |
| X0433            | 139.07                            | 0.940 | 6.99 | 0.15 | 139.07                            | 1.64  | 6.99 | 0.18 |
| X0434            | 142.24                            | 0.940 | 6.99 | 0.15 | 142.24                            | 1.65  | 6.99 | 0.18 |
| X0435            | 145.42                            | 0.940 | 6.99 | 0.15 | 145.42                            | 1.67  | 6.99 | 0.18 |
| X0436            | 148.59                            | 0.940 | 6.99 | 0.15 | 148.59                            | 1.680 | 6.99 | 0.18 |
| X0437            | 151.77                            | 0.940 | 6.99 | 0.15 | 151.77                            | 1.700 | 6.99 | 0.18 |
| X0438            | 158.12                            | 1.020 | 6.99 | 0.15 | 158.12                            | 1.81  | 6.99 | 0.18 |
| X0439            | 164.47                            | 1.020 | 6.99 | 0.15 | 164.47                            | 1.84  | 6.99 | 0.18 |
| X0440            | 170.82                            | 1.020 | 6.99 | 0.15 | 170.82                            | 1.87  | 6.99 | 0.18 |
| X0441            | 177.17                            | 1.020 | 6.99 | 0.15 | 177.17                            | 1.91  | 6.99 | 0.18 |
| X0442            | 183.52                            | 1.140 | 6.99 | 0.15 | 183.52                            | 2.06  | 6.99 | 0.18 |
| X0443            | 189.87                            | 1.140 | 6.99 | 0.15 | 189.87                            | 2.09  | 6.99 | 0.18 |
| X0444            | 196.22                            | 1.140 | 6.99 | 0.15 | 196.22                            | 2.12  | 6.99 | 0.18 |
| X0445            | 202.57                            | 1.140 | 6.99 | 0.15 | 202.57                            | 2.15  | 6.99 | 0.18 |
| X0446            | 215.27                            | 1.400 | 6.99 | 0.15 | 215.27                            | 2.48  | 6.99 | 0.18 |
| X0447            | 227.97                            | 1.400 | 6.99 | 0.15 | 227.97                            | 2.54  | 6.99 | 0.18 |
| X0448            | 240.67                            | 1.400 | 6.99 | 0.15 | 240.67                            | 2.60  | 6.99 | 0.18 |
| X0449            | 253.37                            | 1.400 | 6.99 | 0.15 | 253.37                            | 2.67  | 6.99 | 0.18 |
| X0450            | 266.07                            | 1.520 | 6.99 | 0.15 | 266.07                            | 2.85  | 6.99 | 0.18 |
| X0451            | 278.77                            | 1.520 | 6.99 | 0.15 | 278.77                            | 2.91  | 6.99 | 0.18 |
| X0452            | 291.47                            | 1.520 | 6.99 | 0.15 | 291.47                            | 2.98  | 6.99 | 0.18 |
| X0453            | 304.17                            | 1.520 | 6.99 | 0.15 | 304.17                            | 3.04  | 6.99 | 0.18 |
| X0454            | 316.87                            | 1.520 | 6.99 | 0.15 | 316.87                            | 3.10  | 6.99 | 0.18 |
| X0455            | 329.57                            | 1.520 | 6.99 | 0.15 | 329.57                            | 3.17  | 6.99 | 0.18 |
| X0456            | 342.27                            | 1.780 | 6.99 | 0.15 | 342.27                            | 3.49  | 6.99 | 0.18 |
| X0457            | 354.97                            | 1.780 | 6.99 | 0.15 | 354.97                            | 3.55  | 6.99 | 0.18 |