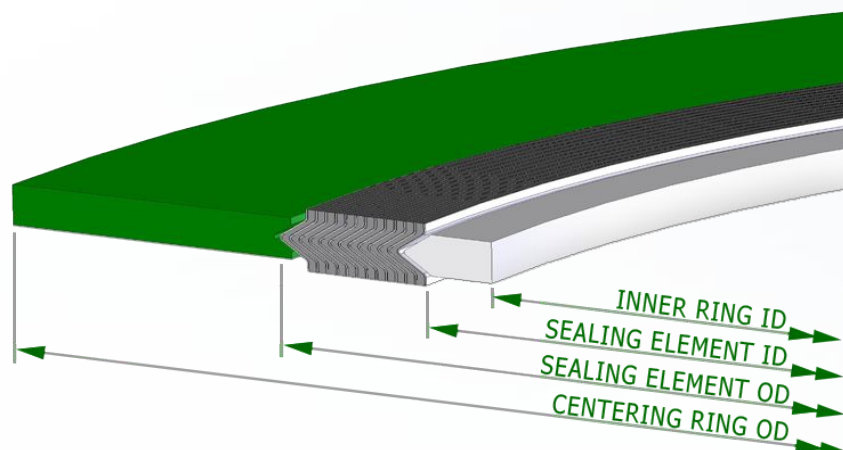


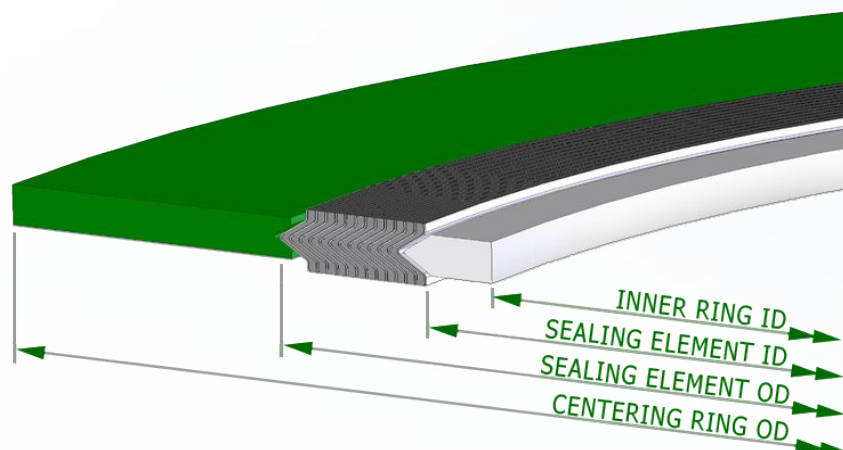


CLASS 150 SERIES A (MSS-SP 44)

Nominal Bore	Centering Ring OD	Sealing Element OD	Sealing Element ID	Inner Ring ID
	mm	mm	mm	mm
26"	774.7	704.9	673.1	654.1
28"	831.9	755.7	723.9	704.9
30"	882.7	806.5	774.7	775.7
32"	939.8	860.6	825.5	806.5
34"	990.6	911.4	876.3	857.3
36"	1047.8	968.5	927.1	908.1
38"	1111.3	1019.3	977.9	958.9
40"	1162.1	1070.1	1028.7	1009.7
42"	1219.2	1124.0	1079.5	1060.5
44"	1276.4	1178.1	1130.3	1111.3
46"	1327.2	1228.9	1181.1	1162.1
48"	1384.3	1279.7	1231.9	1212.9
50"	1435.1	1333.5	1282.7	1263.7
52"	1492.3	1384.3	1333.5	1314.5
54"	1549.4	1435.1	1384.3	1358.9
56"	1606.6	1485.9	1435.1	1409.7
58"	1663.7	1536.7	1485.9	1460.5
60"	1714.5	1587.5	1536.7	1511.3

CLASS 150 SERIES B (API 605)

Nominal Bore	Centering Ring OD	Sealing Element OD	Sealing Element ID	Inner Ring ID
	mm	mm	mm	mm
26"	725.4	698.5	673.1	654.1
28"	776.2	749.3	723.9	704.9
30"	827.0	800.1	774.7	755.7
32"	881.1	850.9	825.5	806.5
34"	935.0	908.1	876.3	857.3
36"	987.6	958.9	927.1	908.1
38"	1044.7	1009.7	974.6	958.9
40"	1095.5	1063.8	1022.4	1009.7
42"	1146.3	1114.6	1079.5	1060.5
44"	1197.1	1165.4	1124.0	1111.3
46"	1255.8	1224.0	1181.1	1162.1
48"	1306.6	1270.0	1231.9	1212.9
50"	1357.4	1325.6	1282.7	1263.7
52"	1408.2	1376.4	1333.5	1314.5
54"	1463.8	1422.4	1384.3	1365.3
56"	1514.6	1477.8	1444.8	1422.4
58"	1579.6	1528.8	1500.4	1478.0
60"	1630.4	1586.0	1557.3	1535.2

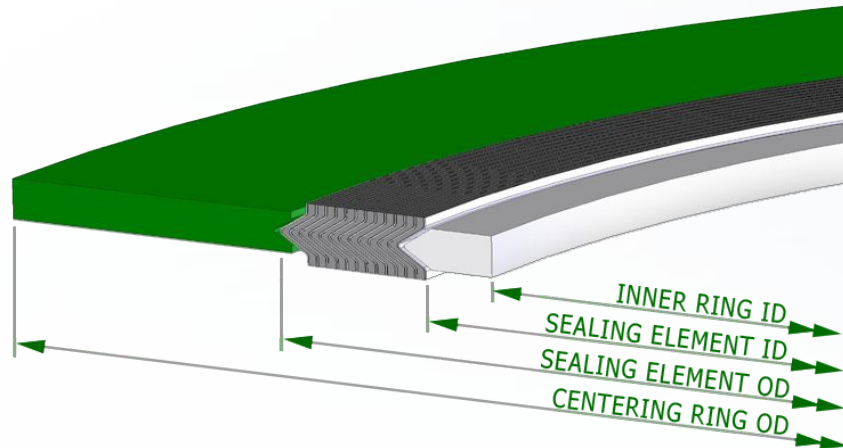


CLASS 300 SERIES A (MSS-SP 44)

Nominal Bore	Centering Ring OD	Sealing Element OD	Sealing Element ID	Inner Ring ID
	mm	mm	mm	mm
26"	835.2	736.6	685.8	654.1
28"	898.7	787.4	736.6	704.9
30"	952.5	844.6	793.8	775.7
32"	1006.6	901.7	850.9	806.5
34"	1057.4	952.5	901.7	857.3
36"	1117.6	1006.6	955.8	908.1
38"	1054.1	1016.0	977.9	952.5
40"	1114.6	1070.1	1022.4	1003.3
42"	1165.4	1120.9	1073.2	1054.1
44"	1219.2	1181.1	1130.3	1104.9
46"	1273.3	1228.9	1178.1	1152.7
48"	1324.1	1286.0	1235.2	1209.8
50"	1378.0	1346.2	1295.4	1244.6
52"	1428.8	1403.4	1346.2	1320.8
54"	1492.3	1454.2	1397.0	1352.6
56"	1543.1	1505.0	1454.2	1403.4
58"	1593.9	1562.1	1511.3	1447.8
60"	1644.7	1612.9	1562.1	1524.0

CLASS 300 SERIES B (API 605)

Nominal Bore	Centering Ring OD	Sealing Element OD	Sealing Element ID	Inner Ring ID
	mm	mm	mm	mm
26"	771.7	711.2	673.1	654.1
28"	825.5	762.0	723.9	704.9
30"	886.0	812.8	774.7	755.7
32"	939.8	863.6	825.5	806.5
34"	993.9	914.4	876.3	857.3
36"	1047.8	965.2	927.1	908.1
38"	1098.6	1047.8	1009.7	971.6
40"	1149.4	1098.6	1060.5	1022.4
42"	1200.2	1149.4	1111.3	1085.9
44"	1251.0	1200.2	1162.1	1124.0
46"	1317.8	1254.3	1216.2	1178.1
48"	1368.6	1311.4	1263.7	1231.9
50"	1419.4	1355.9	1317.8	1267.0
52"	1470.2	1406.7	1368.6	1317.8
54"	1530.4	1454.2	1403.4	1365.3
56"	1593.9	1524.0	1479.6	1428.8
58"	1655.8	1573.3	1535.2	1484.4
60"	1706.6	1630.4	1589.0	1557.3

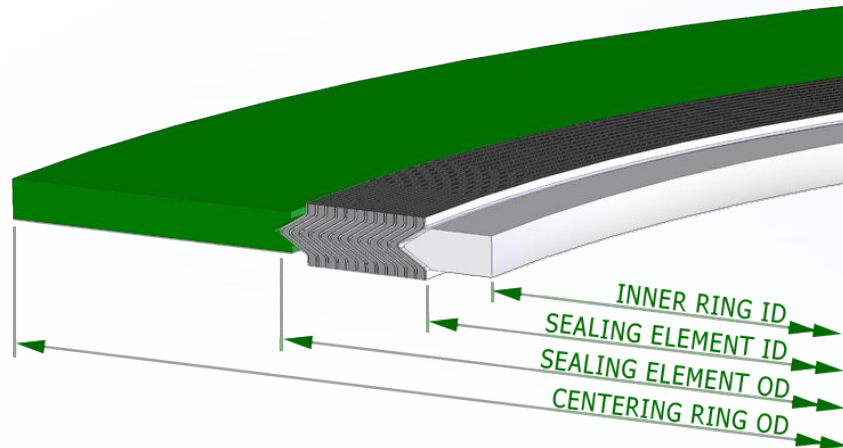


CLASS 600 SERIES A (MSS-SP 44)

Nominal Bore	Centering Ring OD	Sealing Element OD	Sealing Element ID	Inner Ring ID
	mm	mm	mm	mm
26"	866.9	736.6	685.8	647.7
28"	914.4	787.4	736.6	698.5
30"	971.6	844.6	793.8	755.7
32"	1022.4	901.7	850.9	812.8
34"	1073.2	952.5	901.7	863.6
36"	1130.3	1006.6	955.8	917.7
38"	1104.9	1041.4	990.6	952.5
40"	1155.7	1098.6	1047.8	1009.7
42"	1219.2	1155.7	1104.9	1066.8
44"	1270.0	1212.9	1162.1	1111.3
46"	1327.2	1269.7	1212.9	1162.1
48"	1390.7	1320.8	1270.0	1219.2
50"	1447.8	1371.6	1320.8	1270.0
52"	1498.6	1422.4	1371.6	1320.8
54"	1555.8	1479.6	1428.8	1378.0
56"	1612.9	1530.4	1479.6	1428.8
58"	1663.7	1587.5	1536.7	1473.2
60"	1733.6	1644.7	1593.9	1530.4

CLASS 600 SERIES B (API 605)

Nominal Bore	Centering Ring OD	Sealing Element OD	Sealing Element ID	Inner Ring ID
	mm	mm	mm	mm
26"	765.3	714.5	663.7	644.7
28"	819.2	755.7	704.9	698.5
30"	879.6	828.8	778.0	752.6
32"	933.5	882.7	831.9	793.8
34"	997.0	939.8	889.0	850.9
36"	1047.8	990.6	939.8	901.7
38"	1104.9	1041.4	990.6	952.5
40"	1155.7	1098.6	1047.8	1009.7
42"	1219.2	1155.7	1704.9	1066.8
44"	1270.0	1212.9	1162.1	1111.3
46"	1327.2	1263.7	1212.9	1162.1
48"	1390.7	1320.8	1270.0	1219.2
50"	1447.8	1371.6	1320.8	1270.0
52"	1498.6	1422.4	1371.6	1320.8
54"	1555.8	1479.6	1428.8	1378.0
56"	1512.9	1530.4	1479.6	1428.8
58"	1663.7	1587.5	1536.7	1473.2
60"	1733.6	1644.7	1593.9	1530.4



CLASS 900 SERIES A (MSS-SP 44)

Nominal Bore	Centering Ring OD	Sealing Element OD	Sealing Element ID	Inner Ring ID
	mm	mm	mm	mm
26"	882.7	736.6	685.8	660.4
28"	946.2	787.4	736.6	711.2
30"	1009.7	844.6	793.8	768.4
32"	1073.2	901.7	850.9	812.8
34"	1136.7	952.5	901.7	863.6
36"	1200.2	1009.7	958.9	920.8
38"	1200.2	1085.9	1035.1	1009.7
40"	1251.0	1149.4	1098.6	1060.5
42"	1301.8	1200.2	1149.4	1111.3
44"	1368.6	1257.3	1206.5	1155.7
46"	1435.1	1320.8	1270.0	1219.2
48"	1384.3	1279.7	1231.9	1212.9

CLASS 900 SERIES B (API 605)

Nominal Bore	Centering Ring OD	Sealing Element OD	Sealing Element ID	Inner Ring ID
	mm	mm	mm	mm
26"	838.2	749.3	704.9	666.8
28"	901.7	800.1	743.0	685.8
30"	958.9	857.3	806.5	781.1
32"	1016.0	914.4	863.6	838.2
34"	1073.2	952.5	920.8	895.4
36"	1124.0	1009.7	946.2	920.8
38"	1200.2	1085.9	1035.1	1009.7
40"	1251.0	1149.4	1098.6	1060.5
42"	1301.8	1200.2	1149.4	1111.3
44"	1368.6	1257.3	1206.5	1155.7
46"	1435.1	1320.8	1270.0	1219.2
48"	1485.9	1371.6	1320.8	1270.0