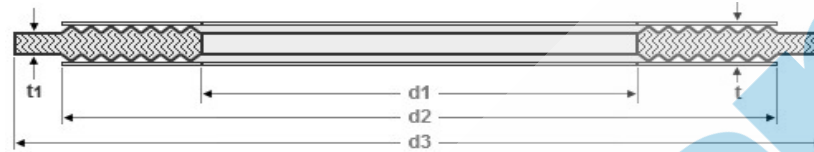


## DIMENSION ENCLOSURE CHART

Kammprofile Gaskets, Drawing No: ASIAN/ KMP/ 002

Dimensions of Grooved Metal Gaskets as Per ASME B16.20 to Suit ASME B16.47 Series A Flange



Dimensions of Grooved Metal Gaskets as Per ASME B16.20 to Suit ASME B16.47 Series A Flange

NPS	Class 150			Class 300			Class 400			Class 600			Class 900		
	Groove Metal Core		Centering Ring OD (d3)	Groove Metal Core		Centering Ring OD (d3)	Groove Metal Core		Centering Ring OD (d3)	Groove Metal Core		Centering Ring OD (d3)	Groove Metal Core		Centering Ring OD (d3)
	ID (d1)	OD (d2)		ID (d1)	OD (d2)		ID (d1)	OD (d2)		ID (d1)	OD (d2)		ID (d1)	OD (d2)	
26"	673.10	704.90	774.70	685.80	736.60	835.20	685.80	736.60	831.90	685.80	736.60	866.90	685.80	736.60	882.70
28"	723.90	755.70	831.90	736.60	787.40	898.70	736.60	787.40	892.30	736.60	787.40	914.40	736.60	787.40	946.20
30"	774.70	806.50	882.70	793.80	844.60	952.50	793.80	844.60	946.20	793.80	844.60	971.60	793.80	844.60	1009.70
32"	825.50	860.60	939.80	850.90	901.70	1006.60	850.90	901.70	1003.30	850.90	901.70	1022.40	850.90	901.70	1073.20
34"	876.30	911.40	990.60	901.70	952.50	1057.40	901.70	952.50	1054.10	901.70	952.50	1073.20	901.70	952.50	1136.70
36"	927.10	968.50	1047.80	955.80	1006.60	1117.60	955.80	1006.60	1117.60	955.80	1006.60	1130.30	958.90	1009.70	1200.20
38"	977.90	1019.30	1111.30	977.90	1016.00	1054.10	971.60	1022.40	1073.20	990.60	1041.40	1104.90	1035.10	1085.90	1200.20
40"	1028.70	1070.10	1162.10	1022.40	1070.10	1114.60	1025.70	1076.50	1127.30	1047.80	1098.60	1155.70	1098.60	1149.40	1251.00
42"	1079.50	1124.00	1219.20	1073.20	1120.90	1165.40	1076.50	1127.30	1178.10	1104.90	1155.70	1219.20	1149.40	1200.20	1301.80
44"	1130.30	1178.10	1276.40	1130.30	1181.10	1219.20	1130.30	1181.10	1231.90	1162.10	1212.90	1270.00	1206.50	1257.30	1368.60
46"	1181.10	1228.90	1327.20	1178.10	1228.90	1273.30	1193.80	1244.60	1289.10	1212.90	1263.70	1327.20	1270.00	1320.80	1435.10
48"	1231.90	1279.70	1384.30	1235.20	1286.00	1324.10	1244.60	1295.40	1346.20	1270.00	1320.80	1390.70	1320.80	1371.60	1485.90
50"	1282.70	1333.50	1435.10	1295.40	1346.20	1378.00	1295.40	1346.20	1403.40	1320.80	1371.60	1447.80	Note 5	Note 5	Note 5
52"	1333.50	1384.30	1492.30	1346.20	1397.00	1428.80	1346.20	1397.00	1454.20	1371.60	1422.40	1498.60	Note 5	Note 5	Note 5
54"	1384.30	1435.10	1549.40	1403.40	1454.20	1492.30	1403.40	1454.20	1517.70	1428.80	1479.60	1555.80	Note 5	Note 5	Note 5
56"	1435.10	1485.90	1606.60	1454.20	1505.00	1543.10	1454.20	1505.00	1568.50	1479.60	1530.40	1612.90	Note 5	Note 5	Note 5
58"	1485.90	1536.70	1663.70	1511.30	1562.10	1593.90	1505.00	1555.80	1619.30	1536.70	1587.50	1663.70	Note 5	Note 5	Note 5
60"	1536.70	1587.50	1714.50	1562.10	1612.90	1644.70	1568.50	1619.30	1682.80	1593.90	1644.70	1733.60	Note 5	Note 5	Note 5

**Notes :**

1. All dimensions are in mm.
2. The gasket inside diameter (d1) tolerance for NPS 26 through NPS 34 is  $\pm 0.8$  mm, and the tolerance for NPS 36 through NPS 60 is  $\pm 1.5$  mm.
3. The gasket outside diameter (d2) tolerance for NPS 26 through NPS 60 is  $\pm 1.5$  mm.
4. The centering ring outside diameter (d3) tolerance is  $\pm 0.8$  mm.
5. There are no Class 900 flanges NPS 50 and larger.
6. The Centering Ring thickness (t1) will be 1.60 mm unless specified by Purchaser.
7. The Grooved metal Core thickness will be 2.97 to 3.33 mm & Covering Layer thickness will be 0.46 to 0.56 mm unless specified by Purchaser.
8. Overall Gasket thickness (t) will be 3.97 to 4.33 mm unless specified by Purchaser.