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**Class 150 LB Rated - Dimensions are in Millimetres**

NOM BORE INCHES	CENTERING RING		SEALING ELEMENT		INNER RING	
	OD	ID	OD	ID	OD	ID
	mm	mm	mm	mm	mm	mm
	<b>d4</b>		<b>d3</b>	<b>d2</b>		<b>d1</b>
½	47.6	30.7	32.2	18.7	19.7	14.3
¾	57.2	38.6	40.1	26.6	27.6	20.6
1	66.7	46.5	48.0	32.9	33.9	27.0
1 ¼	76.2	59.2	60.7	45.6	46.6	34.9
1 ½	85.7	68.8	70.3	53.6	55.1	41.3
2	104.8	84.6	86.1	69.5	71.0	52.4
2 ½	123.8	97.3	98.8	82.2	83.7	63.5
3	136.5	119.6	121.1	101.2	102.7	77.8
4	174.6	148.1	149.6	126.6	128.1	103.2
5	196.9	176.7	178.2	153.6	155.1	128.5
6	222.3	208.5	210.0	180.6	182.1	154.0
8	279.4	262.4	263.9	231.4	232.9	203.2
10	339.7	316.4	317.9	286.9	288.4	254.0
12	409.6	373.6	375.1	339.3	340.8	303.2
14	450.9	405.3	406.8	371.1	372.6	342.9
16	514.4	462.5	464.0	421.9	423.4	393.7
18	549.3	526.0	527.5	475.9	477.4	444.5
20	606.4	576.8	578.3	526.7	528.2	495.3
24	717.6	684.7	686.2	631.4	632.9	596.9

**Class 300 LB Rated - Dimensions are in Millimetres**

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NOM BORE INCHES	CENTERING RING		SEALING ELEMENT		INNER RING	
	OD	ID	OD	ID	OD	ID
	mm	mm	mm	mm	mm	mm
	<b>d4</b>		<b>d3</b>	<b>d2</b>		<b>d1</b>
½	54.0	30.7	32.2	18.7	19.7	14.3
¾	66.7	38.6	40.1	25.0	26.0	20.6
1	73.0	46.5	48.0	31.4	32.4	27.0
1 ¼	82.6	59.2	60.7	44.1	45.1	34.9
1 ½	95.3	68.8	70.3	50.4	51.9	41.3
2	111.1	84.6	86.1	66.3	67.8	52.4
2 ½	130.2	97.3	98.8	79.0	80.5	63.5
3	149.2	119.6	121.1	94.9	96.4	77.8
4	181.0	148.1	149.6	120.3	121.8	103.2
5	215.9	176.7	178.2	147.2	148.7	128.5
6	250.8	208.5	210.0	174.2	175.7	154.0
8	308.0	262.4	263.9	225.0	226.5	203.2
10	362.0	316.4	317.9	280.6	282.1	254.0
12	422.3	373.6	375.1	333.0	334.5	303.2
14	485.8	405.3	406.8	364.7	366.2	342.9
16	539.8	462.5	464.0	415.5	417.0	393.7
18	596.9	526.0	527.5	469.5	471.0	444.5
20	654.1	576.8	578.3	520.3	521.8	495.3
24	774.7	684.7	686.2	625.1	626.6	596.9

**Class 600 LB Rated - Dimensions are in Millimetres**

	CENTERING RING	SEALING ELEMENT	INNER RING
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NOM BORE INCHES	OD	ID	OD	ID	OD	ID
	mm	mm	mm	mm	mm	mm
	<b>d4</b>		<b>d3</b>	<b>d2</b>		<b>d1</b>
1/2	54.0	30.7	32.2	18.7	19.7	14.3
3/4	66.7	38.6	40.1	25.0	26.0	20.6
1	73.0	46.5	48.0	31.4	32.4	27.0
1 1/4	82.6	59.2	60.7	44.1	45.1	34.9
1 1/2	95.3	68.8	70.3	50.4	51.9	41.3
2	111.1	84.6	86.1	66.3	67.8	52.4
2 1/2	130.2	97.3	98.8	79.0	80.5	63.5
3	149.2	119.6	121.1	94.9	96.4	77.8
4	193.7	148.1	149.6	120.3	121.8	103.2
5	241.3	176.7	178.2	147.2	148.7	128.5
6	266.7	208.5	210.0	174.2	175.7	154.0
8	320.7	262.4	263.9	225.0	226.5	203.2
10	400.1	316.4	317.9	280.6	282.1	254.0
12	457.2	373.6	375.1	333.0	334.5	303.2
14	492.1	405.3	406.8	364.7	366.2	342.9
16	565.2	462.5	464.0	415.5	417.0	393.7
18	612.8	526.0	527.5	469.5	471.0	444.5
20	682.6	576.8	578.3	520.3	521.8	495.3
24	790.6	684.7	686.2	625.1	626.6	596.9

**Class 900 LB Rated - Dimensions are in Millimetres**

NOM	CENTERING RING		SEALING ELEMENT		INNER RING	
	OD	ID	OD	ID	OD	ID

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BORE INCHES	mm	mm	mm	mm	mm	mm
	<b>d4</b>		<b>d3</b>	<b>d2</b>		<b>d1</b>
½	63.5	30.7	32.2	18.7	19.7	14.3
¾	69.9	38.6	40.1	25.0	26.0	20.6
1	79.4	46.5	48.0	31.4	32.4	27.0
1 ¼	88.9	59.2	60.7	44.1	45.1	34.9
1 ½	98.4	68.8	70.3	50.4	51.9	41.3
2	142.9	84.6	86.1	66.3	67.8	52.4
2 ½	165.1	97.3	98.8	79.0	80.5	63.5
3	168.3	119.6	121.1	94.9	96.4	77.8
4	206.4	148.1	149.6	120.3	121.8	103.2
5	247.7	176.7	178.2	147.2	148.7	128.5
6	288.9	208.5	210.0	174.2	175.7	154.0
8	358.8	262.4	263.9	225.0	226.5	203.2
10	435.0	316.4	317.9	280.6	282.1	254.0
12	498.5	373.6	375.1	333.0	334.5	303.2
14	520.7	405.3	406.8	364.7	366.2	342.9
16	574.7	462.5	464.0	415.5	417.0	393.7
18	638.2	526.0	527.5	469.5	471.0	444.5
20	698.5	576.8	578.3	520.3	521.8	495.3
24	838.2	684.7	686.2	625.1	626.6	596.9

**Class 1500 LB Rated - Dimensions are in Millimetres**

NOM BORE INCHES	CENTERING RING		SEALING ELEMENT		INNER RING	
	OD	ID	OD	ID	OD	ID
	mm	mm	mm	mm	mm	mm

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	d4		d3	d2		d1
½	63.5	30.7	32.2	18.7	19.7	14.3
¾	69.9	38.6	40.1	25.0	26.0	20.6
1	79.4	46.5	48.0	31.4	32.4	27.0
1 ¼	88.9	59.2	60.7	44.1	45.1	34.9
1 ½	98.4	68.8	70.3	50.4	51.9	41.3
2	142.9	84.6	86.1	66.3	67.8	52.4
2 ½	165.1	97.3	98.8	79.0	80.5	63.5
3	174.6	119.6	121.1	94.9	96.4	77.8
4	209.6	148.1	149.6	120.3	121.8	103.2
5	254.0	176.7	178.2	147.2	148.7	128.5
6	282.6	208.5	210.0	174.2	175.7	154.0
8	352.4	262.4	263.9	225.0	226.5	203.2
10	435.0	316.4	317.9	280.6	282.1	254.0
12	520.7	373.6	375.1	333.0	334.5	303.2
14	577.9	405.3	406.8	364.7	366.2	342.9
16	641.4	462.5	464.0	415.5	417.0	393.7
18	704.9	526.0	527.5	469.5	471.0	444.5
20	755.7	576.8	578.3	520.3	521.8	495.3
24	901.7	684.7	686.2	625.1	626.6	596.9

**Class 2500 LB Rated - Dimensions are in Millimetres**

NOM BORE INCHES	CENTERING RING		SEALING ELEMENT		INNER RING	
	OD	ID	OD	ID	OD	ID
	mm	mm	mm	mm	mm	mm
	d4		d3	d2		d1

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1/2	69.9	30.7	32.2	18.7	19.7	14.3
3/4	76.2	38.6	40.1	25.0	26.0	20.6
1	85.7	46.5	48.0	31.4	32.4	27.0
1 1/4	104.8	59.2	60.7	39.3	40.3	34.9
1 1/2	117.5	68.8	70.3	47.2	48.7	41.3
2	146.1	84.6	86.1	58.3	59.8	52.4
2 1/2	168.3	97.3	98.8	69.5	71.0	63.5
3	196.9	119.6	121.1	91.7	93.2	77.8
4	235.0	148.1	149.6	117.1	118.6	103.2
5	279.4	176.7	178.2	142.5	144.0	128.5
6	317.5	208.5	210.0	171.1	172.6	154.0
8	387.4	262.4	263.9	215.5	217.0	203.2
10	476.3	316.4	317.9	269.5	271.0	254.0
12	549.6	373.6	375.1	323.5	325.0	303.2
14	-	-	-	-	-	-
16	-	-	-	-	-	-
18	-	-	-	-	-	-
20	-	-	-	-	-	-
24	-	-	-	-	-	-

Tolerances - BS 3381 - In Millimetres

CENTERING RING			SEALING ELEMENT			INNER RING		
O/D	I/D	THK	O/D	I/D	THK	O/D	I/D	THK
+ 0 - 0.8	+ 0 - 0.8	3.2 + 0.25 3.2 - 0.10	+ 0 - 0.8	+ 0.4 - 0	4.5 + 0.25 4.5 - 0	+ 0.4 - 0	+ 0.4 - 0	2.97 to 3.32