

1/4" RUPTURE DISC HOLDERS

1/4" Angle Rupture Discs are to be used in the HD4 Rupture Disc Holders.

The designer should be aware that the rupture disc pressure rating should be 110% of the design operating pressure to avoid frequent disc replacement.

The manufacturing tolerance of the disc is -3% to +6% of the nominal pressure rating and will burst at +/-5% of the furnished rating.

The pressure ratings of the discs listed below are at room temperature 72°F /22°C. Other materials and pressure ranges are available upon request.

	PART NUMBER	NOMINAL CONNECTION	PRESSURE RATING PSI (bar)	DIMENSIONS - INCHES (mm)				
				A TORQUE	B	C	D HEX	E
RUPTURE DISC HOLDERS	HD4-20K4	1/4 MP	20000 (1360.54)	15 (20.34)	0.125 (3.18)	0.188 (4.78)	1.125 (28.58)	2.25 (57.15)
	HD4-20K6	3/8 MP	20000 (1360.54)	20 (27.12)	0.125 (3.18)	0.219 (5.56)	1.125 (28.58)	2.25 (57.15)
	HD4-20K9	9/16 MP	20000 (1360.54)	30 (40.67)	0.188 (4.78)	0.281 (7.14)	1.19 (30.23)	2.25 (57.15)
	HD4-66K4	1/4 HP	66000 (4489.80)	20 (27.12)	0.125 (3.18)	0.188 (4.78)	1.125 (28.58)	2.25 (57.15)
	HD4-66K6	3/8 HP	66000 (4489.80)	40 (54.23)	0.125 (3.18)	0.219 (5.56)	1.125 (28.58)	2.25 (57.15)
	HD4-66K9	9/16 HP	66000 (4489.80)	80 (108.47)	0.188 (4.78)	0.281 (7.14)	1.19 (30.23)	2.25 (57.15)



*Dimensions are subject to change and are considered reference.

1/4" ANGLE RUPTURE DISCS



	PART NUMBER	PSI (BAR) 1/4 ANGLE NOMINAL BURST PRESSURE	MATERIAL	-3% MINIMUM TOLERANCE	6% MAXIMUM TOLERANCE
1/4" ANGLE RUPTURE DISC	RD4-10	10000.00 (680.27)	316-SST	9700.00 (659.86)	10600.00 (721.09)
	RD4-12	12000.00 (816.33)	316-SST	11640.00 (791.84)	12720.00 (865.31)
	RD4-14	14000.00 (952.38)	316-SST	13580.00 (923.81)	14840.00 (1009.52)
	RD4-16	16000.00 (1088.44)	316-SST	15520.00 (1055.78)	16960.00 (1153.74)
	RD4-18	18000.00 (1224.49)	316-SST	17460.00 (1187.76)	19080.00 (1297.96)
	RD4-20	20000.00 (1360.54)	316-SST	19400.00 (1319.73)	21200.00 (1442.18)
	RD4-25	25000.00 (1700.68)	316-SST	24250.00 (1649.66)	26500.00 (1802.72)
	RD4-27.5	27500.00 (1870.75)	316-SST	26675.00 (1814.63)	29150.00 (1982.99)
	RD4-30	30000.00 (2040.82)	316-SST	29100.00 (1979.59)	31800.00 (2163.27)
	RD4-32.5	32500.00 (2210.88)	316-SST	31525.00 (2144.56)	34450.00 (2343.54)
	RD4-35	35000.00 (2380.95)	316-SST	33950.00 (2309.52)	37100.00 (2523.81)
	RD4-37.5	37500.00 (2551.02)	316-SST	36375.00 (2474.49)	39750.00 (2704.08)
	RD4-40	40000.00 (2721.09)	316-SST	38800.00 (2639.46)	42400.00 (2884.35)
	RD4-42.5	42500.00 (2891.16)	316-SST	41225.00 (2804.42)	45050.00 (3064.63)
	RD4-45	45000.00 (3061.22)	316-SST	43650.00 (2969.39)	47700.00 (3244.90)
	RD4-47.5	47500.00 (3231.29)	316-SST	46075.00 (3134.35)	50350.00 (3425.17)
	RD4-50	50000.00 (3401.36)	316-SST	48500.00 (3299.32)	53000.00 (3605.44)
	RD4-52.5	52500.00 (3571.43)	316-SST	50925.00 (3464.29)	55650.00 (3785.71)
	RD4-55	55000.00 (3741.50)	316-SST	53350.00 (3629.25)	58300.00 (3965.99)
	RD4-57.5	57500.00 (3911.56)	316-SST	55775.00 (3794.22)	60950.00 (4146.26)
	RD4-60	60000.00 (4081.63)	316-SST	58200.00 (3959.18)	63600.00 (4326.53)

1/4" Angle Rupture Discs are to be used in the DH4 Rupture Disc Holders.

The designer should be aware that the rupture disc pressure rating should be 110% of the design operating pressure to avoid frequent disc replacement.

The manufacturing tolerance of the disc is -3% to +6% of the nominal pressure rating and will burst at +/-5% of the furnished rating.

The pressure ratings of the discs listed below are at room temperature 72°F /22°C. Other materials and pressure ranges are available upon request.

**Dimensions are subject to change and are considered reference.*

1/2" RUPTURE DISC HOLDERS

1/2" Flat Rupture Discs are to be used in the HD8 Rupture Disc Holders.

The designer should be aware that the rupture disc pressure rating should be 110% of the design operating pressure to avoid frequent disc replacements.

The manufacturing tolerance of the disc is -3% to +6% of the nominal pressure rating and will burst at +/-5% of the furnished rating.

The pressure ratings of the discs listed below are at room temperature 72°F /22°C. Other materials and pressure ranges are available upon request.

	PART NUMBER	NOMINAL CONNECTION	PRESSURE RATING PSI (bar)	DIMENSIONS - INCHES (mm)				
				A TORQUE	B	C	D HEX	E
RUPTURE DISC HOLDERS	HD8-4NPT	1/4 NPT	15000 (1020.41)	15 (20.34)	0.125 (3.18)	0.25 (6.35)	1.125 (28.58)	1.12 (28.45)
	HD8-6NPT	3/8 NPT	15000 (1020.41)	15 (20.34)	0.25 (6.35)	0.375 (9.53)	1.125 (28.58)	1.12 (28.45)
	HD8-8NPT	1/2 NPT	15000 (1020.41)	15 (20.34)	0.375 (9.53)	0.375 (9.53)	1.125 (28.58)	1.12 (28.45)
	HD8-20K4	1/4 MP	20000 (1360.54)	15 (20.34)	0.094 (2.39)	0.141 (3.58)	1.125 (28.58)	2.19 (55.63)
	HD8-20K6	3/8 MP	20000 (1360.54)	20 (27.12)	0.177 (4.50)	0.25 (6.35)	1.125 (28.58)	2.19 (55.63)
	HD8-20K9	9/16 MP	20000 (1360.54)	30 (40.67)	0.312 (7.92)	0.375 (9.53)	1.125 (28.58)	2.19 (55.63)

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1/2" FLAT RUPTURE DISCS

	PART NUMBER	PSI (BAR) 1/2 FLAT NOMINAL BURST PRESSURE	MATERIAL	-3% MINIMUM TOLERANCE	6% MAXIMUM TOLERANCE
1/2" FLAT RUPTURE DISC	RD8-5	5,000.00 (340.14)	316-SST	4850.00 (329.93)	5300.00 (360.54)
	RD8-5.5	5,500.00 (374.15)	316-SST	5335.00 (362.93)	5830.00 (396.60)
	RD8-6	6,000.00 (408.16)	316-SST	5820.00 (395.92)	6360.00 (432.65)
	RD8-6.5	6,500.00 (442.18)	316-SST	6305.00 (428.91)	6890.00 (468.71)
	RD8-7	7,000.00 (476.19)	316-SST	6790.00 (461.90)	7420.00 (504.76)
	RD8-7.5	7,500.00 (510.20)	316-SST	7275.00 (494.90)	7950.00 (540.82)
	RD8-8	8,000.00 (544.22)	316-SST	7760.00 (527.89)	8480.00 (576.87)
	RD8-8.5	8,500.00 (578.23)	316-SST	8245.00 (560.88)	9010.00 (612.93)
	RD8-9	9,000.00 (612.24)	316-SST	8730.00 (593.88)	9540.00 (648.98)
	RD8-9.5	9,500.00 (646.26)	316-SST	9215.00 (626.87)	10070.00 (685.03)
	RD8-10	10,000.00 (680.27)	316-SST	9700.00 (659.86)	10600.00 (721.09)

1/2" Flat Rupture Discs are to be used in the HD8 Rupture Disc Holders.

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