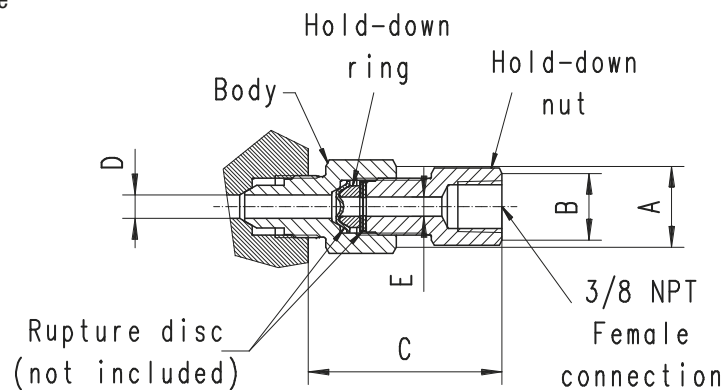


Safety Head Assembly

» Pressures to 22,500 psi (1,550 bar)

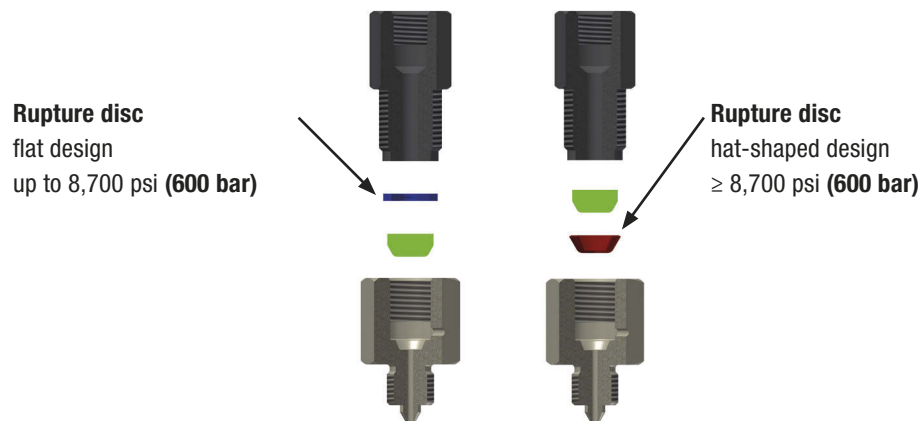
Safety head assemblies

Maximator safety head assemblies are used to provide over-pressure protection to high pressure systems. These safety head assemblies are to be used with the appropriate 1/4" angular rupture disc listed in the chart below.



Safety Head Assembly Catalog Number without Disc	Fits Connection Type	Pressure Rating psi (bar)	Body Torque ft - lbs. (Nm)	Dimensions in. (mm)				
				A (Hex.)	B (Hex.)	C (LG.)	D (I.D.)	E (I.D.)
21SH4M	4MF	22,500 (1,550)	20 (30)	1,06 (27)	0.88 (22.3)	2.48 (63)	0.109 (2.8)	0.250 (6.3)
21SH6M	6MF	22,500 (1,550)	30 (40)	1,06 (27)	0.88 (22.3)	2.72 (69.1)	0.203 (5.1)	0.250 (6.3)
21SH9M	9MF	22,500 (1,550)	55 (75)	1,06 (27)	0.88 (22.3)	2.51 (63.7)	0.255 (6.5)	0.250 (6.3)
21SH12M	12MF	22,500 (1,550)	90 (120)	1,19 (30.2)	0.88 (22.3)	2.72 (69.1)	0.307 (7.8)	0.250 (6.3)
21SH16M	16MF	22,500 (1,550)	150 (200)	1.44 (36.6)	0.88 (22.3)	2.72 (69.1)	0.307 (7.8)	0.250 (6.3)

All dimensions for reference only and are subject of change



All technical and dimensional information subject to change. All general Terms and Conditions of sale, including limitations of our liability, apply to all products and services sold.

1/4" Rupture Discs

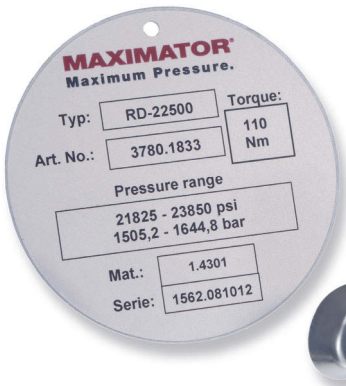
1/4" Rupture discs

1/4" angular and flat seat rupture discs are designed to be used with the safety head assemblies that are shown on page 13. Minimum rupture disc pressure ratings should be at least 110% of system operating pressure. The standard material is stainless steel. The pressure ranges indicated in the table below are at room temperature (72°F). Other materials and pressure ranges are available upon request.

Catalog Number	Pressure range psi (bar)
RD-1000	970 - 1,060 (66.9 - 73.1)
RD-1200	1,164 - 1,272 (80.3 - 87.7)
RD-1500	1,455 - 1,590 (99.7 - 109.7)
RD-1750	1,697 - 1,855 (117 - 127.9)
RD-2000	1,940 - 2,120 (133.8 - 146.2)
RD-2500	2,425 - 2,650 (167.2 - 182.8)
RD-3000	2,910 - 3,180 (200.7 - 219.3)
RD-3500	3,395 - 3,710 (234.1 - 255.9)
RD-4000	3,880 - 4,240 (267.6 - 292.4)
RD-4500	4,365 - 4,770 (301 - 329)
RD-5000	4,850 - 5,300 (334.5 - 365.5)

Catalog Number	Pressure range psi (bar)
RD-5500	5,335 - 5,830 (367.9 - 402.1)
RD-6000	5,820 - 6,360 (401.4 - 438.6)
RD-6500	6,305 - 6,890 (434.8 - 475.2)
RD-7000	6,790 - 7,420 (468.3 - 511.7)
RD-7500	7,275 - 7,950 (501.7 - 548.3)
RD-8000	7,760 - 8,480 (535.2 - 584.8)
RD-8500	8,245 - 9,010 (568.6 - 621.4)
RD-9000	8,730 - 9,540 (602.1 - 657.9)
RD-9500	9,215 - 10,070 (635.5 - 694.5)
RD-10000	9,700 - 10,600 (669 - 731)
RD-11000	10,670 - 11,660 (735.9 - 804.1)

Catalog Number	Pressure range psi (bar)
RD-12000	11,640 - 12,720 (802.8 - 877.2)
RD-13000	12,610 - 13,780 (869.7 - 950.3)
RD-14000	13,580 - 14,840 (936.6 - 1023.4)
RD-15000	14,550 - 15,900 (1,003.4 - 1,096.6)
RD-16000	15,520 - 16,960 (1,070.3 - 1,169.7)
RD-17000	16,490 - 18,020 (1,137.2 - 1,242.8)
RD-18000	17,460 - 19,080 (1,204.1 - 1,315.9)
RD-19000	18,430 - 20,140 (1,271 - 1,389)
RD-20000	19,400 - 21,200 (1,337.9 - 1,462.1)
RD-21000	20,370 - 22,260 (1,404.8 - 1,535.2)
RD-22000	21,340 - 23,320 (1,471.7 - 1,608.3)



Rupture Discs are individually packed and marked type plate.



Products for Sour Gas Applications

Pipe Valves

to 15,200 psi (1,050 bar)

Adapters and Couplings

Medium Pressure

to 22,500 psi (1,550 bar)

Accessories

High Pressure

to 65,000 psi (4,500 bar)

Tools

Ultra High Pressure

to 152,000 psi (10,500 bar)

Technical Information

Valve Actuators

to 21,000 psi (1,500 bar)

Customized Solutions

Ball Valves

to 21,000 psi (1,500 bar)