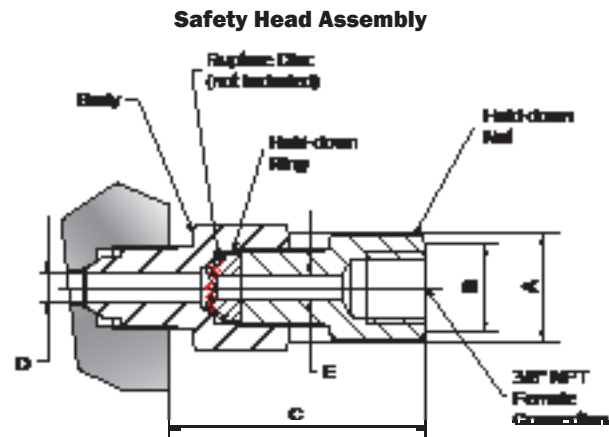
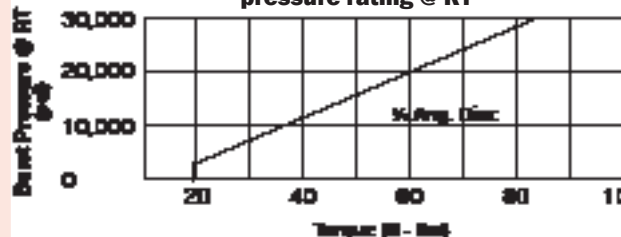


MAXIMATOR safety head assemblies are used to provide over-pressure protection to high pressure systems. These safety head assemblies are to be used with the appropriate 1/4" angular rupture disc listed in the chart below.

Hold-down nut torque vs. rupture disc pressure rating @ RT



Safety Head Assembly Catalog Number without Disc	Fits Connection Type	O.D. Tube (in.)	Pressure Rating (psi)	Body Torque (ft - lbs.)	Dimensions (in.)				
					A (Hex.)	B (Hex.)	C (LG.)	D (I.D.)	E (I.D.)
21SH4M	4MF	1/4	22,500	20	1.06	0.88	2.69	0.109	0.250
21SH6M	6MF	3/8	22,500	30	1.06	0.88	2.72	0.203	0.250
21SH9M	9MF	9/16	22,500	55	1.06	0.88	2.47	0.312	0.250
21SH12M	12MF	3/4	22,500	90	1.19	0.88	2.72	0.312	0.250
21SH16M	16MF	1	22,500	150	1.44	0.88	2.72	0.312	0.250
15SH24M	24MF	1-1/2	15,200	200	1.88	0.88	2.66	0.307	0.250

See page 2 in the Technical Section for determining operating pressures above room temperature.

All dimensions for reference only and are subject to change.

1/4" Angular Rupture Discs



1/4" angular seat rupture discs are designed to be used with the safety head assemblies that are shown above. Minimum rupture disc pressure ratings should be at least 110% of system operating pressure. The standard material is Inconel. 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)
RD-1000	970 - 1,060
RD-1200	1,164 - 1,272
RD-1500	1,455 - 1,590
RD-1750	1,697 - 1,855
RD-2000	1,940 - 2,120
RD-2500	2,425 - 2,650
RD-3000	2,910 - 3,180
RD-3500	3,395 - 3,710
RD-4000	3,880 - 4,240
RD-4500	4,365 - 4,770
RD-5000	4,850 - 5,300

Catalog Number	Pressure range (psi)
RD-5500	5,335 - 5,830
RD-6000	5,820 - 6,360
RD-6500	6,305 - 6,890
RD-7000	6,790 - 7,420
RD-7500	7,275 - 7,950
RD-8000	7,760 - 8,480
RD-8500	8,245 - 9,010
RD-9000	8,730 - 9,540
RD-9500	9,215 - 10,070
RD-10000	9,700 - 10,600
RD-11000	10,670 - 11,660

Catalog Number	Pressure range (psi)
RD-12000	11,640 - 12,720
RD-13000	12,610 - 13,780
RD-14000	13,580 - 14,840
RD-15000	14,550 - 15,900
RD-16000	15,520 - 16,960
RD-17000	16,490 - 18,020
RD-18000	17,460 - 19,080
RD-19000	18,430 - 20,140
RD-20000	19,400 - 21,200
RD-21000	20,370 - 22,260
RD-22000	21,340 - 23,320

All dimensions for reference only and are subject to change.