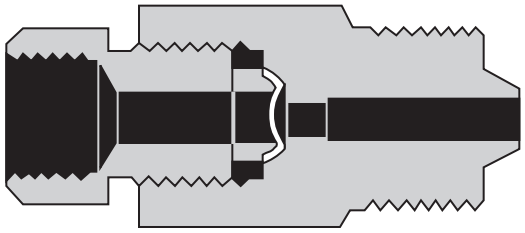
Safety Heads



The male inlet design can be inserted directly into the tubing connections of valves and various fittings such as tees and crosses, or located in pressure vessels.

Outlet connections are 3/8" pipe (NPT). This outlet may be connected to a suitable discharge line to vent pressure to a safe location in the event of bursting of the rupture disc. Torque required for sealing rupture discs will range from 40 to 90 foot pounds, depending upon pressure and media being used.

Material of body and hold down nut is high tensile 316 stainless steel. Standard tubing glands and collars are provided unless otherwise specified.

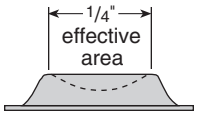
Note: Rupture discs are **not** included and must be ordered as a separate item.

Catalog No.	Tubing	psi	Connections	Orifice	Length	Hex
20-61LM4	1/4" O.D.	20,000	LM4	0.125"	2"	1"
20-61LM6	3/8" O.D.	20,000	LM6	0.219"	2"	1"
20-61LM9	9/16" O.D.	20,000	LM9	0.250"	2 1/8"	1"
20-61LM12	3/4" O.D.	20,000	LM12	0.250"	2 3/8"	1 1/8"
20-61LM16	1" O.D.	20,000	LM16	0.250"	3 1/2"	1 1/8"

Rupture Discs

1/4" Angled Seat







SPECIAL DISCS are available on special order for pressure ranges not shown above and in numerous materials and coatings. Consult factory for price and delivery.

Standard rupture discs are available from stock in burst pressures as listed in the chart below. All pressures through 20,000 psi are shaded. These discs are 316 stainless steel (except for 1,000 psi which are inconel) and may be used with any of the safety heads shown. Note that these rupture discs are supplied with a tolerance of plus 6% and minus 3% of specified burst pressure. Samples of each batch are tested and the actual average burst pressure is stamped on an accompanying metal tag. Factors influencing rupture disc life include corrosion, metal fatigue, and cyclic effects. Periodic replacement is recommended to prevent premature failure.

Standard Burst Pressures (in psi at 72°F)

1,000	3,000	5,000	7,000	9,000	11,000	17,500	25,000	37,500	55,000
1,500	3,500	5,500	7,500	9,500	11,500	18,000	27,000	40,000	60,000
2,000	4,000	6,000	8,000	10,000	12,500	20,000	30,000	45,000	65,000
2,500	4,500	6,500	8,500	10,500	15,000	22,500	35,000	50,000	

High Pressure Equipment Company
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