180° Discharge Nozzle

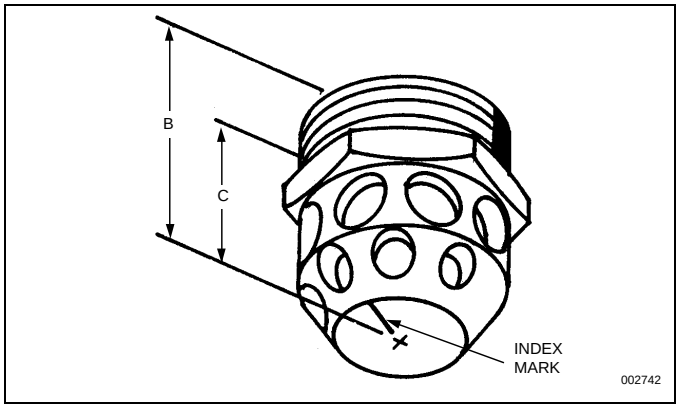
Description

Discharge nozzles are designed to direct the discharge of INERGEN® agent using the stored pressure from the cylinders. Ten sizes of nozzles are available. The system design specifies the orifice size to be used for proper flow rate and distribution pattern*. The nozzle selection depends on the hazard and location to be protected. The 180° nozzle is commonly used when nozzle placement is at the wall. Standard nozzles are constructed of brass.

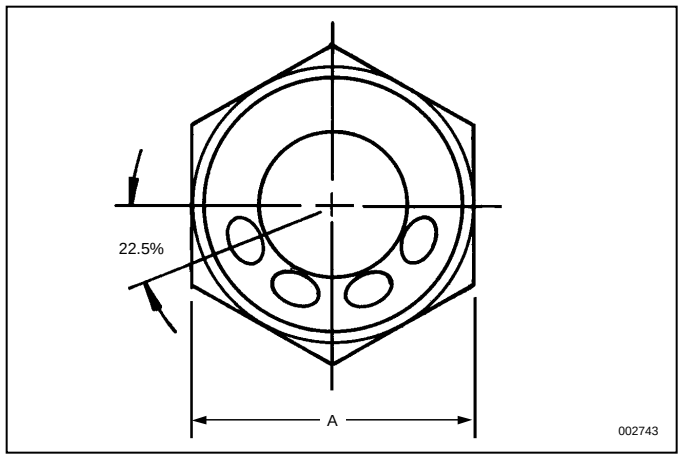
An index mark is stamped on the bottom of the nozzle to indicate the aiming direction.

Component	Material	Thread Size
Nozzle	Body: Brass	1/4, 3/8, 1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3 NPT

Shipping Assembly Part No.	Description
426138	1/4 in. NPT nozzle
426139	3/8 in. NPT nozzle
426140	1/2 in. NPT nozzle
426141	3/4 in. NPT nozzle
426142	1 in. NPT nozzle
426143	1 1/4 in. NPT nozzle
426157	1 1/2 in. NPT nozzle
426144	2 in. NPT nozzle
426145	2 1/2 in. NPT nozzle
426146	3 in. NPT nozzle



Size	A-In.	B-In.	C-In.
1/4 in.	5/8	1 9/16	21/32
3/8 in.	3/4	1 5/8	23/32
1/2 in.	15/16	1 31/32	27/32
3/4 in.	1 1/8	2 5/32	7/8
1 in.	1 13/32	2 9/16	1
1 1/4 in.	1 3/4	2 3/4	1 1/16
1 1/2 in.	2	2 31/32	1 1/16
2 in.	2 3/8	3	1
2 1/2 in.	3	3 1/2	1
3 in.	3 1/2	4 1/8	1 1/4



NOTE: Refer to “Nozzle/Pressure Reducer Range Chart” in Design Section for detailed orifice range information.

* Orifice diameter must be specified when ordering nozzle. Refer to Orifice Size Chart in Manual Appendix Section.