UL / FM Mueller Co.

FIRE PROTECTION PRODUCTS

ORDERING INSTRUCTIONS

When ordering fire hydrants, specify the following:

1. Quantity
If more than one size, quantity of each.

2. Size of main valve opening and catalog number.
This determines the size of the hydrant. (A-1-3)

3. Nozzle arrangement
The catalog number indicates the normal arrangements of hose and pumper nozzles. If a different arrangement is desired, specify the size and number of hose and pumper nozzles required.

4. Depth of trench or bury
Distance from ground line to bottom of connecting pipe. "Trench" and "ditch" are the same as "bury". "Cover" is the distance from the ground to the top of the connecting pipe.

5. Size of inlet connection
See sizes listed on page A-1-3.

6. Type of inlet connection
See types listed on page A-1-3.

7. Size and shape of operating nut
National Standard is 1-1/2" pentagon, measured from point to opposite flat. Square and hexagon or other sizes of pentagon can also be furnished. Size is determined by measuring from flat to opposite flat on square and hexagon, and from point to opposite flat on pentagon. Measurements must be taken at base of nut.

8. Direction of opening
Open left is most common (counter-clockwise) or open right (clockwise). If previous hydrants open right, new hydrants should open right.

9. Hose nozzle threading
Send a sample of the male coupling on hydrant nozzle to show threads desired, **EXCEPT** in the following cases (a) if using National Standard, specify accordingly (b) if we have previously furnished hydrants to the same location and there is no change (complete records are kept on file in our Engineering Department for reference).

10. Pumper nozzle threading
Same instructions as 9 above

11. Color
Unless otherwise specified, the hydrant will be enameled above ground with fire hydrant red. When so ordered, we will enamel any color (or colors) specified to match your existing standards.

When ordering parts, specify the following:

1. Year date shown on hydrant barrel
2. Quantity
3. Part number and name
4. Size and catalog number of hydrant
5. Direction of opening
6. Depth of bury

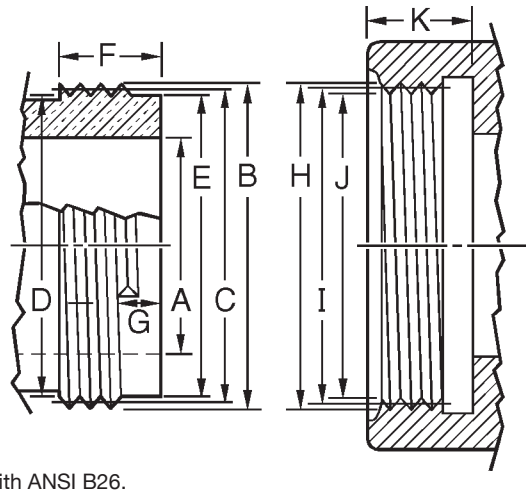
When ordering Storz Connection :

To order an integral storz on a new hydrant, for step #10 above indicate 'storz' and its size (4" or 5"). NOTE: an option number is no longer required.

For separate storz connection for retrofit to an existing hydrant, provide existing pumper nozzle size and threading, size of storz connection (4" or 5"), and quantity.

National Standard hose coupling thread specifications

A. Nominal inside diameter of nozzle		2-1/2"	3"	3-1/2"	4"	4-1/2"
Number of threads per inch		7-1/2	6	6	4	4
B. Major diameter nozzle thread	Max.	3.0686	3.6239	4.2439	5.0109	5.7609
	Min.	3.0366	3.5879	4.2079	4.9609	5.7109
C. Pitch diameter nozzle thread	Max.	2.9820	3.5156	4.1356	4.8485	5.5985
	Min.	2.9660	3.4976	4.1176	4.8235	5.5735
D. Minor diameter nozzle thread	Max.	2.8954	3.4073	4.0273	4.6861	5.4361
E. Diameter pilot nozzle		2.850	3.354	3.973	4.610	5.357
F.* Length of thread-nozzle		1"	1-1/8"	1-1/8"	1-1/4"	1-1/4"
G. Face to start of second turn		1/4"	5/16"	5/16"	7/16"	7/16"
H. Major diameter cplg. thread	Min.	3.0836	3.6389	4.2639	5.0359	5.7859
I. Pitch diameter coupling thread	Max.	3.0130	3.5486	4.1736	4.8985	5.6485
	Min.	2.9970	3.5306	4.1556	4.8735	5.6235
J. Minor diameter coupling thread	Max.	2.9424	3.4583	4.0833	4.7611	5.5111
	Min.	2.9104	3.4223	4.0473	4.7111	5.4611
K. Depth of coupling		15/16"	1-1/16"	1-1/16"	1-3/16"	1-3/16"



* Manufacturers standard
NOTE: All dimensions are in inches and all dimensional data and tolerances are in accord with ANSI B26.