Order Code example:

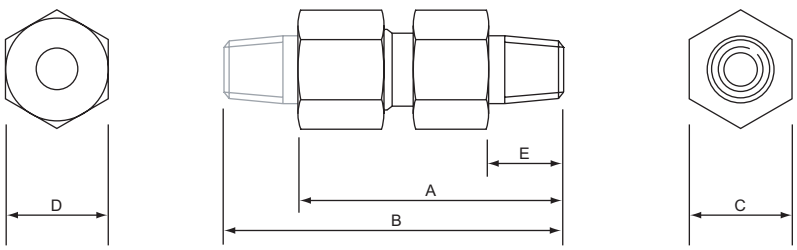
MF — **½" NPT** — **0.062"** — **8** — **T** — **A**

- **Feedthrough type**: **MF** - Multi element sealed feedthrough
- **Process Connection**: **½" NPT**
- **Element Diameter**: **0.062"**
- **No. of elements**: **8**
- **Sealant**: **T**
  - **G** -Graftite™
  - **L** -Lava
  - **N** -Neoprene [1]
  - **T** -Teflon®
  - **V** -Viton®
- **Cap Style**: **A**
  - **A** - Mounting thread only
  - **B** - Cap End is also threaded

Series MF	Process Connection NPT (see back cover for other thread types) [2]																					
	1/8" [4]						1/4"						1/2"						3/4"			
	Pressure ratings for each type of sealant (in psi) [3]						Pressure ratings for each type of sealant (in psi) [3]						Pressure ratings for each type of sealant (in psi) [3]						Pressure ratings for each type of sealant (in psi) [3]			
Sealants	No. of elements	G	L	N	T	V	No. of elements	G	L	N	T	V	No. of elements	G	L	N	T	V	No. of elements	G	L	T	V
Element sizes (dia) (ins.) / mm	The highlighted areas indicate the available element sizes for each feedthrough body size.																					
0.020 / 0.5								5,800	5,800		3,600	3,600										
0.032 / 0.8																						
0.040 / 1.0	2, 4	5,800	5,800	3,600	3,600	3,600	4, 8	8,000	10,000	3,600	4,300	7,200	4, 6, 8, 12, 16	10,000	10,000	5,800	3,600	6,500	8, 12, 16, 20, 24, 28, 32, 40	8,000	8,000	4,300	5,800
0.059 / 1.5							2, 3, 4, 5			4,300	2,900		4, 8, 12						8, 12, 16, 20, 24, 28			3,600	
0.062 / 1.59																							
0.118 / 3.0							2				2,100		2, 4			5,000	2,900	5,000	4, 8, 12				5,000
0.125 / 3.2																							
0.177 / 4.5													2			4,300	2,100	3,600					
0.187 / 4.76																			2, 4	5,000		2,100	5,800
0.236 / 6.0																							
0.250 / 6.35																							

1 Neoprene sealants are not available for feedthroughs with 3/4" process connection
2 Other types of process connections are available, see back cover
3 The pressure ratings shown for each type of sealant are qualified at 68°F (20°C). With an increase in temperature, a reduction in the maximum pressure rating can be expected. Contact Spectite Inc. for further details.
4 Our 1/8" range utilizes ceramic internal parts instead of metal.

Dimensions



Process Connection	Overall length with plain cap	Overall length with cap with extension thread	Body hex.	Cap hex.	Body to process end
	Dim A	Dim B	Dim C	Dim D	Dim E
1/8"	1.377"	-	0.591"	0.591"	0.472"
1/4"	2.047"	2.618"	0.748"	0.748"	0.571"
1/2"	2.657"	3.444"	1.000"	1.000"	0.787"
3/4"	3.386"	4.173"	1.259"	1.496"	0.787"

All dimensions in inches.
The dimensions shown in the table above apply to Series MF, PSF and MSF feedthroughs.
For further information on cap styles, see page 5 under 'ordering information' and the back cover of this catalog.

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SPECTITE®

Series MF Feedthroughs for multiple elements

A single access port into an enclosure or process vessel is all that is needed to allow multiple probes, sensors, etc., to pass through an environmental or pressure boundary using a single feedthrough assembly.

Series MF feedthroughs can seal multiple elements within a single assembly including typically up to 40 x 0.040" dia., up to 12 x 0.125" or up to 4 x 0.250". Please refer to the table for further details of feedthrough capacity and sizes of elements.

There are four body sizes having 1/8", 1/4", 1/2" and 3/4" process connections with NPT threads. Contact us for other thread type availability.

Spectite® feedthroughs are designed for ease of assembly and installation. Elements can be adjusted, removed and replaced when not under pressure or vacuum conditions.

- **Saves time and costs by allowing multiple sensors to pass through one feedthrough**
- **Immersion length of each element can be easily adjusted**
- **Four sizes of sealed feedthroughs for probes, sensors, etc.**
- **Designed for carrying multiple elements 0.020" to 0.250" diameter**
- **Suitable for a mixture of sizes and types of elements**
- **Pressure range: Vacuum to 10,000 psi ***
- **Temperature range: -328°F to +1,600°F ***
- **Stainless steel body (316L), internal metal components and cap**
- **Choice of five sealant materials**
- **Reusable**

** dependent on sealant and fitting selected*