

# Temperature & Pressure Test Plugs Self-Sealing Insert

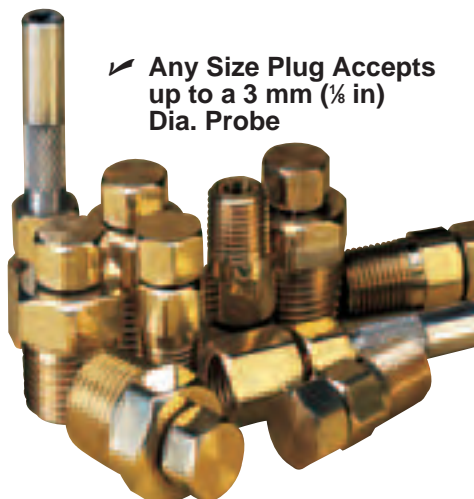
- ✓ 3 mm (1/8") Diameter Probe
- ✓ Up to 1000 psig Between -30 and 60°C (-20 and 140°F)
- ✓ Up to 135°C (275°F)
- ✓ Two Self-Closing Valves
- ✓ Heavy Duty Design

**OMEGA® Self-Sealing Plugs** will allow you to take pressure and temperature readings quickly and eliminate the need for leaving costly gages or temperature indicators on the line. The OMEGA® plug is permanently installed in the line at recommended test points. The cap protects the valve and provides an additional positive seal. After the cap has been removed, either a test thermometer or a gage adaptor with the proper pressure gage attached can be inserted through the two self-closing valves in the plug. Readings are taken, adjustments or tests can be made, and when the probes are withdrawn, the two valves close. The protective cap is then reinstalled.

Neoprene is resistant to deterioration from waxes, oils, greases, fats, petroleum products, and most refrigerants. Can be operated at a maximum temperature of 95°C (200°F) at 500 psig.

Nordel gives excellent service in hot or cold water and in some applications of low pressure steam. Nordel is resistant to detergents, phosphates, esters, ketones, alcohols, and glycols. It is not suitable for petroleum products. It can be operated at a maximum temperature of 135°C (275°F) at 500 psig.

- ✓ Any Size Plug Accepts up to a 3 mm (1/8 in) Dia. Probe



Brass



GASS18 PROBE

Stainless Steel



**Gage Adaptor**

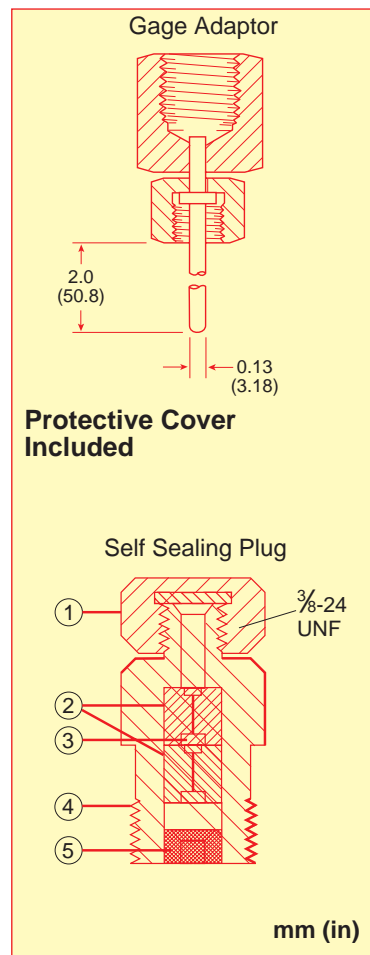
THE PRESSURE GAGE ADAPTOR HAS A 3 mm (1/8") DIAMETER PROBE OF 304 STAINLESS STEEL WITH UNION NUT. SIMPLY ATTACH YOUR GAGE/ TRANSDUCER AND INSERT THE PROBE THROUGH AN OMEGA® PLUG TO TAKE A READING.

Brass



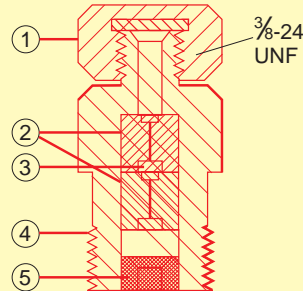
**Self-Sealing Plugs From \$9 Ea.**

Gage Adaptors Only  
**\$15 Ea.**



**Protective Cover Included**

**Self Sealing Plug**



mm (in)

1. CAP & GASKET
2. TWO NEOPRENE OR NORDEL SELF-CLOSING VALVES
3. VALVE POCKET FOR ADDED PRESSURE PROTECTION
4. PROCESS THREAD
5. VALVE RETAINER

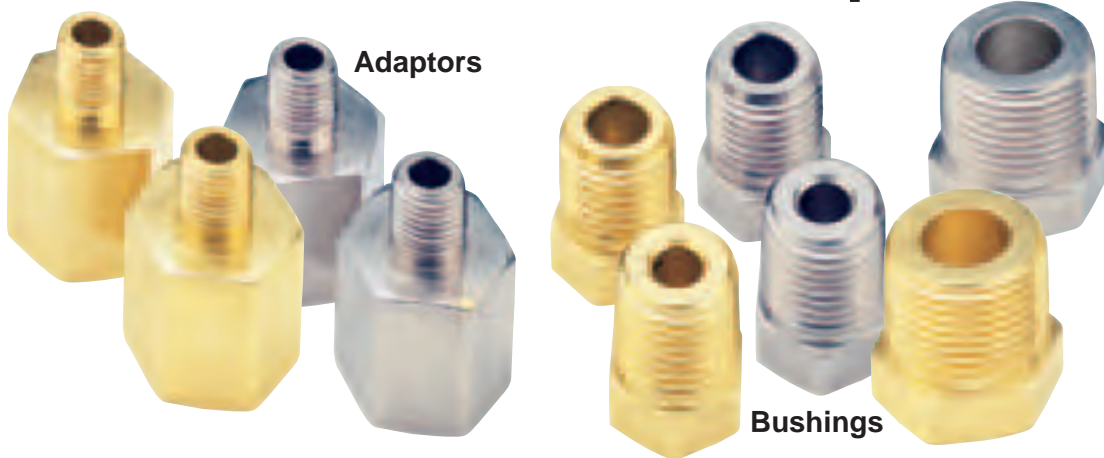
**ALL MODELS AVAILABLE FOR FAST DELIVERY!**

**To Order (Specify Model Number)**

OMEGA Plug			
Model No.	FITTING	Valve Core Material	Price
OPNE14	1/4 NPT Male	NEOPRENE	\$9.00
OPNO14	1/4 NPT Male	NORDEL	9.50
OPNE12	1/2 NPT Male	NEOPRENE	9.50
OPNO12	1/2 NPT Male	NORDEL	9.00
Gage Adaptor			
Model No.	FITTING	Probe Dia.	Price
GASS18	1/4 NPT Female	3.2 mm (1/8")	\$15.00

**Ordering Example:** OPNE14, 1/4 NPT male fitting with Neoprene core and GASS18, probe/gage adaptor, \$9 + 15 = \$24.

# Standard Dimension Adaptors and Bushings



- ✓ Rugged Design
- ✓ Available in Stainless Steel, Brass, or Carbon Steel
- ✓ Reduce Down to 1/8" NPT
- ✓ Adapt Up to 1" NPT

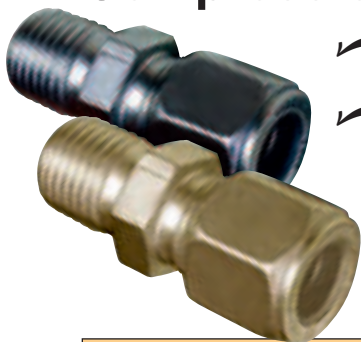
**ALL MODELS AVAILABLE FOR FAST DELIVERY!**

## To Order Adaptors and Bushings (Specify Model Number)

NPT Thread		Across Hex Flats Inches	Length Inches	Brass		Stainless Steel	
Male	Female			Model No.	Price	Model No.	Price
<b>Reducing Adaptors</b>							
1/8	1/4	1 1/8	1.50	RA-18-14-BR	\$3.50	RA-18-14-SS	\$8.50
1/8	1/2	1 1/8	1.50	RA-18-12-BR	7.00	RA-18-12-SS	18.75
1/4	1/2	1 1/8	1.69	RA-14-12-BR	6.25	RA-14-12-SS	16.75
7/16-20	1/4	1 1/8	1.94	RA-716-14-BR	4.00	RA-716-14-SS	12.00
1/2	3/4	1 3/8	1.94	RA-12-34-BR	9.00	RA-12-34-SS	25.75
1/2	1	1 5/8	2.16	—	N/A	RA-12-1-SS	27.00
<b>Reducing Bushings</b>							
1/4	1/8	7/8	1.09	RB-14-18-BR	\$1.75	RB-14-18-SS	\$5.50
1/2	1/8	7/8	1.09	RB-12-18-BR	4.00	RB-12-18-SS	11.50
1/2	1/4	7/8	1.09	RB-12-14-BR	3.00	RB-12-14-SS	10.50
3/4	1/2	1 1/8	1.17	RB-34-12-BR	5.00	RB-34-12-SS	14.50
1	1/2	1 1/8	1.36	RB-1-12-BR	7.25	RB-1-12-SS	24.25
1	3/4	1 1/8	1.36	RB-1-34-BR	6.25	RB-1-34-SS	24.00
1 1/4	3/4	1 3/4	1.48	—	N/A	RB-114-34-CS*	8.00
1 1/4	1	1 3/4	1.48	—	N/A	RB-114-1-CS*	8.75
1 1/2	1	2	1.56	—	N/A	RB-112-1-CS*	14.75

## Compression Fittings OMEGALOK®

\* Fittings are available only in carbon steel.  
 Ordering Example: RB-12-14-SS, stainless steel 1/2 male and 1/4 female reducing bushing, \$10.50.



- ✓ Ferrule Design for Positive Pressure Seal
- ✓ Heavy Duty Construction in Stainless Steel or Brass
- ✓ For Protection Tube Diameters 1/16" up to 1/2" For metric compression fittings see page A-132.

## To Order Compression Fittings (Specify Model Number)

Protection Tube O.D. in.	Male Th's NPT	Length mm (inches)	Brass		316 Stainless Steel	
			Model No.	Pr. Ea.	Model No.	Pr. Ea.
1/16	1/16	24.6 (0.97)	N/A	—	SSLK-116-116	\$14.50
1/16	1/8	26.2 (1.03)	BRLK-116-18	\$4.75	SSLK-116-18	14.00
1/8	1/8	30.0 (1.18)	BRLK-18-18	3.00	SSLK-18-18	8.50
1/8	1/4	44.2 (1.74)	BRLK-18-14	3.50	SSLK-18-14	10.00
3/16	1/8	31.0 (1.22)	BRLK-316-18	3.00	SSLK-316-18	8.50
3/16	1/4	46.0 (1.81)	BRLK-316-14	3.50	SSLK-316-14	10.00
1/4	1/8	32.8 (1.29)	BRLK-14-18	3.50	SSLK-14-18	8.00
1/4	1/4	37.6 (1.48)	BRLK-14-14	3.50	SSLK-14-14	8.50
5/16	1/4	39.1 (1.54)	N/A	—	SSLK-516-14	10.50
3/8	1/4	40.4 (1.59)	BRLK-38-14	3.50	SSLK-38-14	11.00
3/8	3/8	40.4 (1.59)	BRLK-38-38	4.00	SSLK-38-38	12.50
3/8	1/2	46.0 (1.81)	BRLK-38-12	5.50	SSLK-38-12	15.50
1/2	1/2	49.3 (1.94)	BRLK-12-12	6.25	SSLK-12-12	18.00

NOTE: Teflon® can only be used with stainless steel compression fittings.  
 Ordering Example: BRLK-18-18, brass 1/8" NPT compression fitting for 1/8" O.D. protection tubes, \$3.

## Replacement Ferrules - (pkg of 10)

Protection Tube O.D.	Brass (\$10/pkg.)	Stainless Steel (\$30/pkg.)	Teflon* (\$40/pkg.)
1/16	B-FER-1/16 (\$11)	SS-FER-1/16 (\$35)	T-FER-1/16 (\$52)
1/8	B-FER-1/8	SS-FER-1/8	T-FER-1/8
3/16	B-FER-3/16	SS-FER-3/16	T-FER-3/16
1/4	B-FER-1/4	SS-FER-1/4	T-FER-1/4
5/16	B-FER-5/16	SS-FER-5/16	T-FER-5/16
3/8	B-FER-3/8	SS-FER-3/8	T-FER-3/8
1/2	B-FER-1/2 (\$12 <sup>50</sup> )	SS-FER-1/2	T-FER-1/2

# Metric Thread Adaptors

Brass



Stainless Steel



**ALL MODELS AVAILABLE FOR FAST DELIVERY!**

Convert Imperial and Metric Threads

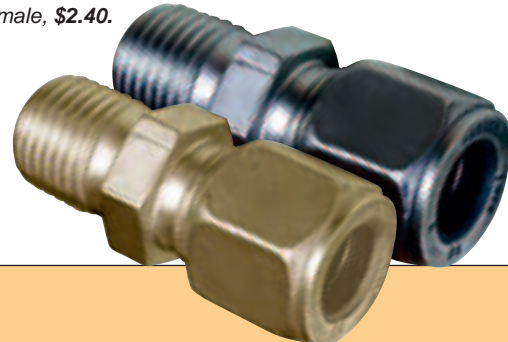
**To Order (Specify Model Number)**

Female NPT	Male BSPT*	Flats mm	Length mm	Brass		Stainless Steel	
				Model No.	Price	Model No.	Price
1/8"	1/8"-28	14	27.7	MTA1-1/8-1/8-BR	\$2.40	MTA1-1/8-1/8-SS	\$5.40
1/4"	1/4"-19	19	36.1	MTA1-1/4-1/4-BR	3.40	MTA1-1/4-1/4-SS	7.55
3/8"	3/8"-19	22	38.1	MTA1-3/8-3/8-BR	4.30	MTA1-3/8-3/8-SS	10.00
1/2"	1/2"-19	27	49.3	MTA1-1/2-1/2-BR	6.20	MTA1-1/2-1/2-SS	14.75
3/4"	3/4"-14	34	51.3	MTA1-3/4-3/4-BR	29.25	MTA1-3/4-3/4-SS	29.25
1"	1-11	41	58.4	MTA1-1-1-BR	39.15	MTA1-1-1-SS	47.75
<b>BSPT*</b>	<b>NPT</b>						
1/4"-19	1/4"	19	36.3	MTA2-1/4-1/4-BR	\$3.25	MTA2-1/4-1/4-SS	\$9.45
3/8"-19	3/8"	22	38.4	MTA2-3/8-3/8-BR	4.50	MTA2-3/8-3/8-SS	14.15
1/2"-14	1/2"	27	49.8	MTA2-1/2-1/2-BR	7.10	MTA2-1/2-1/2-SS	7.25
<b>NPT</b>	<b>BSPP</b>						
1/8"	1/8"-28	14	25.1	MTA3-1/8-1/8-BR	\$2.70	MTA3-1/8-1/8-SS	\$5.40
1/4"	1/4"-19	19	33.5	MTA3-1/4-1/4-BR	3.80	MTA3-1/4-1/4-SS	4.40
3/8"	3/8"-19	22	35.8	MTA3-3/8-3/8-BR	4.50	MTA3-3/8-3/8-SS	10.70
1/2"	1/2"-19	27	44.2	MTA3-1/2-1/2-BR	6.75	MTA3-1/2-1/2-SS	16.65
3/4"	3/4"-14	34	48.0	MTA3-3/4-3/4-BR	28.00	MTA3-3/4-3/4-SS	32.10
1"	1-11	41	53.3	MTA3-1-1-BR	35.20	MTA3-1-1-SS	43.40
<b>BSPP</b>	<b>NPT</b>						
1/4"-19	1/4"	19	27.4	MTA4-1/4-1/4-BR	\$3.50	MTA4-1/4-1/4-SS	\$7.25
3/8"-19	3/8"	22	32.3	MTA4-3/8-3/8-BR	4.50	MTA4-3/8-3/8-SS	9.75
1/2"-14	1/2"	27	41.9	MTA4-1/2-1/2-BR	7.25	MTA4-1/2-1/2-SS	15.25

\* ISO 228/1, BS 2779

Ordering Example: MTA1-1/8-1/8-BR, brass 1/8" NPT female and 1/8-28 BSPT male, \$2.40.

# Metric OMEGALOK® Compression Fittings



For Metric Probes and Protection Tubes

**To Order Metric Compression Fittings (Specify Model Number)**

Protection Tube O.D.	Male Th's	Metric Protection Tube/ NPT Thread	Metric Protection Tube/ BSP Taper Thread				Metric Protection Tube/ BSP Parallel Thread			
			Brass		316 Stainless Steel		Brass		316 Stainless Steel	
			Model No.	Pr. Ea.	Model No.	Pr. Ea.	Model No.	Pr. Ea.	Model No.	Pr. Ea.
1.5 mm	1/8"	NPT BRLK-M15-18 \$9	SSLK-M15-18 \$17	BSPT BRLK-M15-18T \$9	SSLK-M15-18T \$17	BSPB BRLK-M15-18P \$9	SSLK-M15-18P \$17			
3.0 mm	1/8"	NPT BRLK-M30-18 9	SSLK-M30-18 17	BSPT BRLK-M30-18T 9	SSLK-M30-18T 17	BSPB BRLK-M30-18P 9	SSLK-M15-18P 17			
4.5 mm	1/8"	NPT BRLK-M45-18 9	SSLK-M45-18 17	BSPT BRLK-M45-18T 9	SSLK-M45-18T 17					
6.0 mm	1/8"	NPT BRLK-M60-18 9	SSLK-M60-18 17	BSPT BRLK-M60-18T 9	SSLK-M60-18T 17					
3.0 mm	1/8"	NPT BRLK-M30-14 10	SSLK-M30-14 23	BSPT BRLK-M30-14T 10	SSLK-M30-14T 23	BSPB BRLK-M30-14P 10	SSLK-M30-14P 23			
4.5 mm	1/4"	NPT BRLK-M45-14 12	SSLK-M45-14 23	BSPT BRLK-M45-14T 12	SSLK-M45-14T 23					
6.0 mm	1/4"	NPT BRLK-M60-14 12	SSLK-M60-14 23	BSPT BRLK-M60-14T 12	SSLK-M60-14T 23	BSPB BRLK-M60-14P 12	SSLK-M60-14P 23			
8.0 mm	1/4"	NPT BRLK-M80-14 12	SSLK-M80-14 23	BSPT BRLK-M80-14T 12	SSLK-M80-14T 23					
3.0 mm	3/8"	NPT BRLK-M30-38 13	SSLK-M30-38 29	BSPT BRLK-M30-38T 13	SSLK-M30-38T 29	BSPB BRLK-M30-38P 13	SSLK-M30-38P 29			
6.0 mm	3/8"	NPT BRLK-M60-38 13	SSLK-M60-38 29	BSPT BRLK-M60-38T 13	SSLK-M60-38T 29	BSPB BRLK-M60-38P 13	SSLK-M60-38P 29			
3.0 mm	1/2"	NPT BRLK-M30-12 15	SSLK-M30-12 29	BSPT BRLK-M30-12T 15	SSLK-M30-12T 29	BSPB BRLK-M30-12P 15	SSLK-M30-12P 29			
4.5 mm	1/2"	NPT BRLK-M45-12 15	SSLK-M45-12 29	BSPT BRLK-M45-12T 15	SSLK-M45-12T 29	BSPB BRLK-M45-12P 15	SSLK-M45-12P 29			
6.0 mm	1/2"	NPT BRLK-M60-12 15	SSLK-M60-12 29	BSPT BRLK-M60-12T 15	SSLK-M60-12T 29	BSPB BRLK-M60-12P 15	SSLK-M60-12P 29			
8.0 mm	1/2"	NPT BRLK-M80-12 15	SSLK-M80-12 29	BSPT BRLK-M80-12T 15	SSLK-M80-12T 29					

Note: Teflon® can only be used with stainless steel compression fittings.

Ordering Example: BRLK-M30-18, brass 1/8" NPT thread compression fitting for 3.0 mm protection tube O.D., \$9.



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