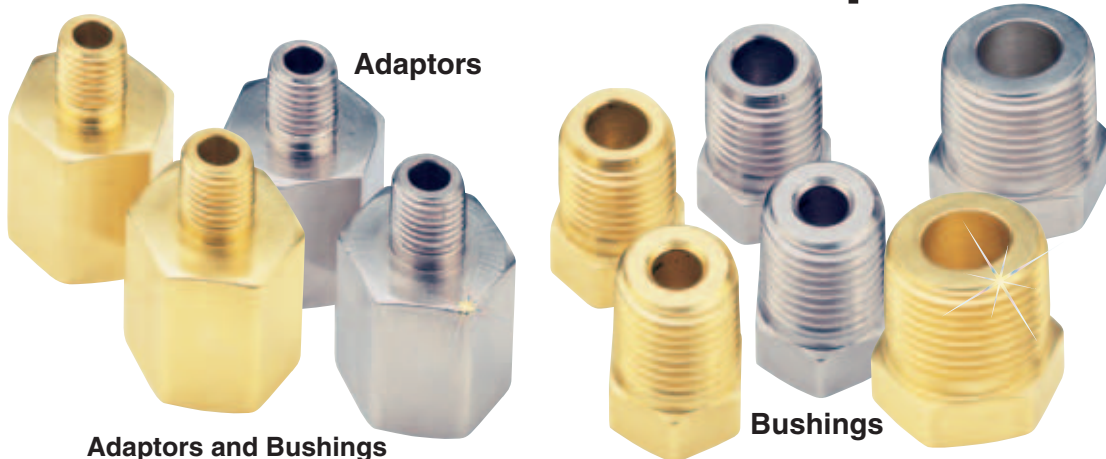


# Standard Dimension Adaptors and Bushings



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

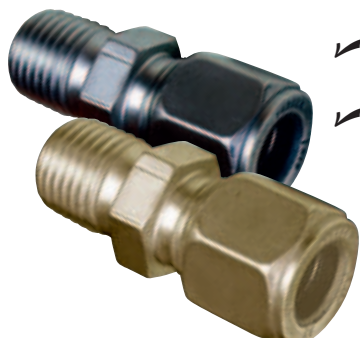
**■ MOST POPULAR MODELS HIGHLIGHTED!**

Adaptors and Bushings

| To Order (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 | \$11  | RA-18-14-SS     | \$20  |
| 1/8                             | 1/2    | 1 1/8                   | 1.50          | RA-18-12-BR | 18    | RA-18-12-SS     | 40    |
| 1/4                             | 1/2    | 1 1/8                   | 1.69          | RA-14-12-BR | 16    | RA-14-12-SS     | 35    |
| 7/16-20                         | 1/4    | 1 1/8                   | 1.94          | —           | N/A   | —               | N/A   |
| 1/2                             | 3/4    | 1 3/8                   | 1.94          | RA-12-34-BR | 22    | RA-12-34-SS     | 50    |
| 1/2                             | 1      | 1 3/8                   | 2.16          | —           | N/A   | RA-12-1-SS      | 80    |
| <b>Reducing Bushings</b>        |        |                         |               |             |       |                 |       |
| 1/4                             | 1/8    | 7/8                     | 1.09          | RB-14-18-BR | \$8   | RB-14-18-SS     | \$12  |
| 1/2                             | 1/8    | 7/8                     | 1.09          | RB-12-18-BR | 12    | RB-12-18-SS     | 22    |
| 1/2                             | 1/4    | 7/8                     | 1.09          | RB-12-14-BR | 10    | RB-12-14-SS     | 22    |
| 3/4                             | 1/2    | 1 1/8                   | 1.17          | RB-34-12-BR | 14    | RB-34-12-SS     | 30    |
| 1                               | 1/2    | 1 3/8                   | 1.36          | RB-1-12-BR  | 20    | RB-1-12-SS      | 45    |
| 1                               | 3/4    | 1 3/8                   | 1.36          | RB-1-34-BR  | 20    | RB-1-34-SS      | 50    |
| 1 1/4                           | 3/4    | 1 3/4                   | 1.48          | —           | N/A   | RB-114-34-CS*   | 25    |
| 1 1/4                           | 1      | 1 3/4                   | 1.48          | —           | N/A   | RB-114-1-CS*    | 25    |
| 1 1/2                           | 1      | 2                       | 1.56          | —           | N/A   | RB-112-1-CS*    | 45    |

\* Fittings are available only in carbon steel.  
 Ordering Example: RB-12-14-SS, stainless steel 1/2 male and 1/4 female reducing bushing, \$22.

## Compression Fittings OMEGALOK®



- ✓ 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.

**■ MOST POPULAR MODELS HIGHLIGHTED!**

Compression Fittings

| To Order (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        | \$24    |  |
| 1/16                            | 1/8           | 26.2 (1.03)        | BRLK-116-18 | \$12    | SSLK-116-18         | 22      |  |
| 1/8                             | 1/8           | 30.0 (1.18)        | BRLK-18-18  | 6       | SSLK-18-18          | 16      |  |
| 1/8                             | 1/4           | 44.2 (1.74)        | BRLK-18-14  | 6       | SSLK-18-14          | 18      |  |
| 3/16                            | 1/8           | 31.0 (1.22)        | BRLK-316-18 | 6       | SSLK-316-18         | 16      |  |
| 3/16                            | 1/4           | 46.0 (1.81)        | BRLK-316-14 | 6       | SSLK-316-14         | 18      |  |
| 1/4                             | 1/8           | 32.8 (1.29)        | BRLK-14-18  | 6       | SSLK-14-18          | 15      |  |
| 1/4                             | 1/4           | 37.6 (1.48)        | BRLK-14-14  | 6       | SSLK-14-14          | 15      |  |
| 5/16                            | 1/4           | 39.1 (1.54)        | N/A         | —       | SSLK-516-14         | 20      |  |
| 3/8                             | 1/4           | 40.4 (1.59)        | BRLK-38-14  | 7       | SSLK-38-14          | 22      |  |
| 3/8                             | 3/8           | 40.4 (1.59)        | BRLK-38-38  | 8       | SSLK-38-38          | 24      |  |
| 3/8                             | 1/2           | 46.0 (1.81)        | BRLK-38-12  | 12      | SSLK-38-12          | 28      |  |
| 1/2                             | 1/2           | 49.3 (1.94)        | BRLK-12-12  | 12      | SSLK-12-12          | 34      |  |

NOTE: PTFE can only be used with stainless steel compression fittings.  
 Ordering Example: BRLK-18-18, brass 1/8 NPT compression fitting for 1/8" OD protection tubes, \$6.

| Replacement Ferrules - (pkg of 10) |                   |                    |                    |
|------------------------------------|-------------------|--------------------|--------------------|
| Protection Tube OD                 | Brass             | Stainless Steel    | PTFE               |
| 1/16                               | B-FER-1/16 (\$30) | SS-FER-1/16 (\$75) | T-FER-1/16 (\$115) |
| 1/8                                | B-FER-1/8 (18)    | SS-FER-1/8 (45)    | T-FER-1/8 (75)     |
| 3/16                               | B-FER-3/16 (18)   | SS-FER-3/16 (45)   | T-FER-3/16 (75)    |
| 1/4                                | B-FER-1/4 (18)    | SS-FER-1/4 (45)    | T-FER-1/4 (75)     |
| 5/16                               | B-FER-5/16 (20)   | SS-FER-5/16 (50)   | T-FER-5/16 (80)    |
| 3/8                                | B-FER-3/8 (20)    | SS-FER-3/8 (50)    | T-FER-3/8 (80)     |
| 1/2                                | B-FER-1/2 (30)    | SS-FER-1/2 (75)    | T-FER-1/2 (115)    |

# Metric Thread Adaptors

Brass

Stainless Steel

**MOST POPULAR MODELS HIGHLIGHTED!**

Convert Imperial and Metric Threads

**To Order (Specify Model Number)**

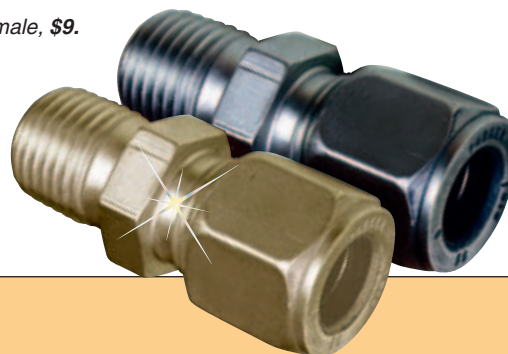
| Female NPT   | Male BSPT*  | Flats mm | Length mm | Brass           |       | Stainless Steel |       |
|--------------|-------------|----------|-----------|-----------------|-------|-----------------|-------|
|              |             |          |           | Model No.       | Price | Model No.       | Price |
| 1/8          | 1/8-28      | 14       | 27.7      | MTA1-1/8-1/8-BR | \$9   | MTA1-1/8-1/8-SS | \$21  |
| 1/4          | 1/4-19      | 19       | 36.1      | MTA1-1/4-1/4-BR | 13    | MTA1-1/4-1/4-SS | 32    |
| 3/8          | 3/8-19      | 22       | 38.1      | MTA1-3/8-3/8-BR | 20    | MTA1-3/8-3/8-SS | 53    |
| 1/2          | 1/2-14      | 27       | 49.3      | MTA1-1/2-1/2-BR | 30    | MTA1-1/2-1/2-SS | 78    |
| 3/4          | 3/4-14      | 34       | 51.3      | MTA1-3/4-3/4-BR | 65    | MTA1-3/4-3/4-SS | 120   |
| 1            | 1-11        | 41       | 58.4      | MTA1-1-1-BR     | 90    | MTA1-1-1-SS     | 180   |
| <b>BSPT*</b> | <b>NPT</b>  |          |           |                 |       |                 |       |
| 1/4-19       | 1/4         | 19       | 36.3      | MTA2-1/4-1/4-BR | \$15  | MTA2-1/4-1/4-SS | \$37  |
| 3/8-19       | 3/8         | 22       | 38.4      | MTA2-3/8-3/8-BR | 20    | MTA2-3/8-3/8-SS | 45    |
| 1/2-14       | 1/2         | 27       | 49.8      | MTA2-1/2-1/2-BR | 30    | MTA2-1/2-1/2-SS | 57    |
| <b>NPT</b>   | <b>BSPP</b> |          |           |                 |       |                 |       |
| 1/8          | 1/8-28      | 14       | 25.1      | MTA3-1/8-1/8-BR | \$15  | MTA3-1/8-1/8-SS | \$30  |
| 1/4          | 1/4-19      | 19       | 33.5      | MTA3-1/4-1/4-BR | 18    | MTA3-1/4-1/4-SS | 60    |
| 3/8          | 3/8-19      | 22       | 35.8      | MTA3-3/8-3/8-BR | 22    | MTA3-3/8-3/8-SS | 65    |
| 1/2          | 1/2-14      | 27       | 44.2      | MTA3-1/2-1/2-BR | 30    | MTA3-1/2-1/2-SS | 76    |
| 3/4          | 3/4-14      | 34       | 48.0      | MTA3-3/4-3/4-BR | 65    | MTA3-3/4-3/4-SS | 108   |
| 1            | 1-11        | 41       | 53.3      | MTA3-1-1-BR     | 90    | MTA3-1-1-SS     | 148   |
| <b>BSPP</b>  | <b>NPT</b>  |          |           |                 |       |                 |       |
| 1/4-19       | 1/4         | 19       | 27.4      | MTA4-1/4-1/4-BR | \$12  | MTA4-1/4-1/4-SS | \$50  |
| 3/8-19       | 3/8         | 22       | 32.3      | MTA4-3/8-3/8-BR | 20    | MTA4-3/8-3/8-SS | 55    |
| 1/2-14       | 1/2         | 27       | 41.9      | MTA4-1/2-1/2-BR | 30    | MTA4-1/2-1/2-SS | 80    |

\* ISO 228/1, BS 2779.

Ordering Examples: MTA1-1/8-1/8-BR, brass 1/8 NPT female and 1/8-28 BSPT male, \$9. MTA1-1/8-1/8-SS, stainless steel thread adaptor, \$21.

# Metric OMEGALOK® Compression Fittings

For Metric Probes and Protection Tubes



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

| Protection Tube OD | 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 |         | Brass                                       |         | 316 Stainless Steel |              |     |              |      |
|                    |           | Model No.                          | Pr. Ea.     | Model No.           | Pr. Ea.     | 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    | BSPP                | 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      | BSPP                | BRLK-M30-18P | 9   | SSLK-M30-18P | 17   |
| 4.5 mm             | 1/8       | NPT                                | BRLK-M45-18 | 9                   | SSLK-M45-18 | 17                                       | BSPT    | BRLK-M45-18T        | 9       | SSLK-M45-18T                                | 17      | —                   | N/A          | —   | N/A          | —    |
| 6.0 mm             | 1/8       | NPT                                | BRLK-M60-18 | 9                   | SSLK-M60-18 | 17                                       | BSPT    | BRLK-M60-18T        | 9       | SSLK-M60-18T                                | 17      | —                   | N/A          | —   | N/A          | —    |
| 3.0 mm             | 1/8       | NPT                                | BRLK-M30-14 | 10                  | SSLK-M30-14 | 23                                       | BSPT    | BRLK-M30-14T        | 10      | SSLK-M30-14T                                | 23      | BSPP                | 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      | —                   | N/A          | —   | N/A          | —    |
| 6.0 mm             | 1/4       | NPT                                | BRLK-M60-14 | 12                  | SSLK-M60-14 | 23                                       | BSPT    | BRLK-M60-14T        | 12      | SSLK-M60-14T                                | 23      | BSPP                | 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      | —                   | N/A          | —   | N/A          | —    |
| 3.0 mm             | 3/8       | NPT                                | BRLK-M30-38 | 13                  | SSLK-M30-38 | 29                                       | BSPT    | BRLK-M30-38T        | 13      | SSLK-M30-38T                                | 29      | BSPP                | 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      | BSPP                | 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      | BSPP                | 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      | BSPP                | 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      | BSPP                | 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      | —                   | N/A          | —   | N/A          | —    |

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

Ordering Examples: BRLK-M30-18, brass 1/8 NPT thread compression fitting for 3.0 mm protection tube OD, \$9. BRLK-M60-18, compression fitting, \$9.

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