

STANDARD DIMENSION ADAPTORS AND REDUCING BUSHINGS



Adaptors

Bushings

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

ADAPTORS AND BUSHINGS

To Order

NPT THREAD		ACROSS HEX FLATS INCHES	LENGTH INCHES	BRASS MODEL NO.	STAINLESS STEEL MODEL NO.
MALE	FEMALE				
REDUCING ADAPTORS					
1⁄8	1⁄4	1 1⁄8	1.50	RA-18-14-BR	RA-18-14-SS
1⁄8	1⁄2	1 1⁄8	1.50	RA-18-12-BR	RA-18-12-SS
1⁄4	1⁄2	1 1⁄8	1.69	RA-14-12-BR	RA-14-12-SS
1⁄2	3⁄4	1 3⁄8	1.94	RA-12-34-BR	RA-12-34-SS
1⁄2	1	1 5⁄8	2.16	—	RA-12-1-SS
7⁄16-20	1⁄4	9⁄16	1.25	—	RA-716-14M-SS
7⁄16-20	1⁄4 female	3⁄4	1.31	—	RA-716-14F-SS
REDUCING BUSHINGS					
1⁄4	1⁄8	7⁄8	1.09	RB-14-18-BR	RB-14-18-SS
1⁄2	1⁄8	7⁄8	1.09	RB-12-18-BR	RB-12-18-SS
1⁄2	1⁄4	7⁄8	1.09	RB-12-14-BR	RB-12-14-SS
3⁄4	1⁄2	1 1⁄8	1.17	RB-34-12-BR	RB-34-12-SS
1	1⁄2	1 3⁄8	1.36	RB-1-12-BR	RB-1-12-SS
1	3⁄4	1 3⁄8	1.36	RB-1-34-BR	RB-1-34-SS
1 1⁄4	3⁄4	1 3⁄4	1.48	—	RB-114-34-CS*
1 1⁄4	1	1 3⁄4	1.48	—	RB-114-1-CS*
1 1⁄2	1	2	1.56	—	RB-112-1-CS*

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

TRodexlok® COMPRESSION FITTINGS



- ✓ 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 C-8.

COMPRESSION FITTINGS

PROTECTION TUBE OD in.	MALE Th'd NPT	LENGTH mm (inch)	BRASS MODEL NO.	316 SS MODEL NO.
1/16	1/16	24.6 (0.97)	N/A	SSLK-116-116
1/16	1/8	26.2 (1.03)	BRLK-116-18	SSLK-116-18
1/8	1/8	30.0 (1.18)	BRLK-18-18	SSLK-18-18
1/8	1/4	35.6 (1.40)	BRLK-18-14	SSLK-18-14
3/16	1/8	31.0 (1.22)	BRLK-316-18	SSLK-316-18
3/16	1/4	46.0 (1.81)	BRLK-316-14	SSLK-316-14
1/4	1/8	32.8 (1.29)	BRLK-14-18	SSLK-14-18
1/4	1/4	37.6 (1.48)	BRLK-14-14	SSLK-14-14
5/16	1/4	39.1 (1.54)	N/A	SSLK-516-14
3/8	1/4	40.4 (1.59)	BRLK-38-14	SSLK-38-14
3/8	3/8	40.4 (1.59)	BRLK-38-38	SSLK-38-38
3/8	1/2	46.0 (1.81)	BRLK-38-12	SSLK-38-12
1/2	1/2	49.3 (1.94)	BRLK-12-12	SSLK-12-12

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.

Replacement Ferrules - (pkg of 10)

TUBE OD	BRASS	STAINLESS STEEL	PTFE
1/16	B-FER-1/16	SS-FER-1/16	T-FER-1/16
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

CONVERT IMPERIAL AND METRIC THREADS

To Order

FEMALE NPT	MALE BSPT*	FLATS mm	LENGTH mm	BRASS MODEL NO.	STAINLESS STEEL MODEL NO.
1/8	1/8-28	14	27.7	MTA1-1/8-1/8-BR	MTA1-1/8-1/8-SS
1/4	1/4-19	19	36.1	MTA1-1/4-1/4-BR	MTA1-1/4-1/4-SS
3/8	3/8-19	22	38.1	MTA1-3/8-3/8-BR	MTA1-3/8-3/8-SS
1/2	1/2-14	27	49.3	MTA1-1/2-1/2-BR	MTA1-1/2-1/2-SS
3/4	3/4-14	34	51.3	MTA1-3/4-3/4-BR	MTA1-3/4-3/4-SS
1	1-11	41	58.4	MTA1-1-1-BR	MTA1-1-1-SS
BSPT*	NPT				
1/4-19	1/4	19	36.3	MTA2-1/4-1/4-BR	MTA2-1/4-1/4-SS
3/8-19	3/8	22	38.4	MTA2-3/8-3/8-BR	MTA2-3/8-3/8-SS
1/2-14	1/2	27	49.8	MTA2-1/2-1/2-BR	MTA2-1/2-1/2-SS
NPT	BSPP				
1/8	1/8-28	14	25.1	—	MTA3-1/8-1/8-SS
1/4	1/4-19	19	33.5	MTA3-1/4-1/4-BR	MTA3-1/4-1/4-SS
3/8	3/8-19	22	35.8	MTA3-3/8-3/8-BR	MTA3-3/8-3/8-SS
1/2	1/2-14	27	44.2	MTA3-1/2-1/2-BR	MTA3-1/2-1/2-SS
3/4	3/4-14	34	48.0	MTA3-3/4-3/4-BR	MTA3-3/4-3/4-SS
1	1-11	41	53.3	MTA3-1-1-BR	MTA3-1-1-SS
BSPP	NPT				
1/4-19	1/4	19	27.4	MTA4-1/4-1/4-BR	MTA4-1/4-1/4-SS
3/8-19	3/8	22	32.3	MTA4-3/8-3/8-BR	MTA4-3/8-3/8-SS
1/2-14	1/2	27	41.9	MTA4-1/2-1/2-BR	MTA4-1/2-1/2-SS

* ISO 228/1, BS 2779.

Ordering Examples: MTA1-1/8-1/8-BR, brass 1/8 NPT female to 1/8-28 BSPT male.
MTA1-1/8-1/8-SS, stainless steel thread adaptor.

METRIC OMEGALOK® COMPRESSION FITTINGS

FOR METRIC PROBES AND PROTECTION TUBES

To Order

Protection Tube OD	Male Th's	Metric Protection Tube/NPT Thread			Metric Protection Tube/BSP Taper Thread			Metric Protection Tube/BSP Parallel Thread		
		Th'd Type	Brass Model No.	316 Stainless Steel Model No.	Th'd Type	Brass Model No.	316 Stainless Steel Model No.	Th'd Type	Brass Model No.	316 Stainless Steel Model No.
1.5 mm	1/8	NPT	BRLK-M15-18	SSLK-M15-18	BSPT	BRLK-M15-18T	SSLK-M15-18T	BSPP	BRLK-M15-18P	SSLK-M15-18P
3.0 mm	1/8	NPT	BRLK-M30-18	SSLK-M30-18	BSPT	BRLK-M30-18T	SSLK-M30-18T	BSPP	BRLK-M30-18P	SSLK-M30-18P
4.5 mm	1/8	NPT	BRLK-M45-18	SSLK-M45-18	BSPT	BRLK-M45-18T	SSLK-M45-18T	—	N/A	N/A
6.0 mm	1/8	NPT	BRLK-M60-18	SSLK-M60-18	BSPT	BRLK-M60-18T	SSLK-M60-18T	—	N/A	N/A
3.0 mm	1/4	NPT	BRLK-M30-14	SSLK-M30-14	BSPT	BRLK-M30-14T	SSLK-M30-14T	BSPP	BRLK-M30-14P	SSLK-M30-14P
4.5 mm	1/4	NPT	BRLK-M45-14	SSLK-M45-14	BSPT	BRLK-M45-14T	SSLK-M45-14T	—	N/A	N/A
6.0 mm	1/4	NPT	BRLK-M60-14	SSLK-M60-14	BSPT	BRLK-M60-14T	SSLK-M60-14T	BSPP	BRLK-M60-14P	SSLK-M60-14P
8.0 mm	1/4	NPT	BRLK-M80-14	SSLK-M80-14	BSPT	BRLK-M80-14T	SSLK-M80-14T	—	N/A	N/A
3.0 mm	3/8	—	N/A	SSLK-M30-38	—	N/A	SSLK-M30-38T	—	N/A	SSLK-M30-38P
6.0 mm	3/8	NPT	BRLK-M60-38	SSLK-M60-38	BSPT	BRLK-M60-38T	SSLK-M60-38T	BSPP	BRLK-M60-38P	SSLK-M60-38P
3.0 mm	1/2	—	N/A	SSLK-M30-12	BSPT	BRLK-M30-12T	SSLK-M30-12T	BSPP	BRLK-M30-12P	SSLK-M30-12P
4.5 mm	1/2	—	N/A	SSLK-M45-12	BSPT	BRLK-M45-12T	SSLK-M45-12T	BSPP	BRLK-M45-12P	SSLK-M45-12P
6.0 mm	1/2	NPT	BRLK-M60-12	SSLK-M60-12	BSPT	BRLK-M60-12T	SSLK-M60-12T	BSPP	BRLK-M60-12P	SSLK-M60-12P
8.0 mm	1/2	NPT	BRLK-M80-12	SSLK-M80-12	BSPT	BRLK-M80-12T	SSLK-M80-12T	—	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.

BRLK-M60-18, compression fitting.