



NDL Industries

## APPLICATIONS

Commercial, Industrial, and Residential Plumbing

# Lead-Free Brass Threaded Fittings

NDL's lead-free brass fittings are the go-to choice for professional contractors and installers who want to provide their clients with a safe and durable plumbing solution.





# Lead-Free Brass Threaded Fittings

## Table of Contents

Product Information .....	1
Hex Bushings .....	2
Caps .....	2, 3
Reducing Couplings .....	3, 4
Straight Couplings .....	4
Crosses .....	4
45° Elbows .....	4, 5
45° Street Elbows .....	5
90° Elbows .....	5
90° Reducing Elbows .....	6
90° Street Elbows .....	6
Sweat Companion Flanges .....	7
Threaded Companion Flanges .....	7
Leaded Floor Flanges .....	7, 8
Square Head Cored Plugs .....	8
Square Head Solid Plugs .....	8
Straight Tees .....	9
Reducing Tees .....	9, 10
Unions .....	10



Explore our full line of high-quality HVAC-R and plumbing products.

ndlinc.com | 1-866-635-6888 | sales@ndlinc.com

@ndlindustries





# Lead-Free Brass Threaded Fittings

## Innovative Plumbing Products with High-Quality Performance

- These fittings are designed to resist corrosion and deliver long-lasting performance in a wide range of industrial, commercial, and residential applications.
- By choosing lead-free fittings, contractors and installers can ensure the safety of their clients and the environment, while also meeting regulatory requirements.
- Made from high-quality brass that is free from lead.
- With easy installation and compatibility among a variety of piping systems, lead-free brass fittings are a reliable and versatile choice for plumbing professionals.

## Certifications and Approvals

- Threads: ANSI / ASME B 1.20.1, BS21
- NSF 61, NSF 372 certified

## Symbols

**FIP** Female Thread NPT

**MIP** Male Thread NPT





### Brass Threaded Hex Bushings (MIP x FIP)

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
TB12-04-02	1/4" x 1/8" Hex Bushing	300	0.032	14.5
TB12-06-02	3/8" x 1/8" Hex Bushing	250	0.057	26.0
TB12-06-04	3/8" x 1/4" Hex Bushing	250	0.042	19.0
TB12-08-02	1/2" x 1/8" Hex Bushing	150	0.083	37.5
TB12-08-04	1/2" x 1/4" Hex Bushing	150	0.075	34.0
TB12-08-06	1/2" x 3/8" Hex Bushing	150	0.053	24.0
TB12-12-02	3/4" x 1/8" Hex Bushing	200	0.000	0.0
TB12-12-04	3/4" x 1/4" Hex Bushing	90	0.135	61.0
TB12-12-06	3/4" x 3/8" Hex Bushing	90	0.129	58.5
TB12-12-08	3/4" x 1/2" Hex Bushing	20	0.124	56.0
TB12-16-04	1" x 1/4" Hex Bushing	50	0.240	109.0
TB12-16-06	1" x 3/8" Hex Bushing	50	0.229	104.0
TB12-16-08	1" x 1/2" Hex Bushing	50	0.221	100.0
TB12-16-12	1" x 3/4" Hex Bushing	50	0.190	86.0
TB12-20-08	1-1/4" x 1/2" Hex Bushing	30	0.390	177.0
TB12-20-12	1-1/4" x 3/4" Hex Bushing	25	0.378	171.5
TB12-20-16	1-1/4" x 1" Hex Bushing	30	0.313	142.0
TB12-24-08	1-1/2" x 1/2" Hex Bushing	25	0.582	264.0
TB12-24-12	1-1/2" x 3/4" Hex Bushing	20	0.585	265.5
TB12-24-16	1-1/2" x 1" Hex Bushing	20	0.516	234.0
TB12-24-20	1-1/2" x 1-1/4" Hex Bushing	20	0.377	171.0
TB12-32-08	2" x 1/2" Hex Bushing	10	0.957	434.0
TB12-32-12	2" x 3/4" Hex Bushing	10	0.939	426.0
TB12-32-16	2" x 1" Hex Bushing	10	0.934	423.5
TB12-32-20	2" x 3/4" Hex Bushing	10	0.717	325.0
TB12-32-24	2" x 1-1/2" Hex Bushing	10	0.686	311.0



### Brass Threaded Caps (FIP)

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
TB17-02	1/8" Cap	300	0.035	16.0
TB17-04	1/4" Cap	250	0.056	25.5



**Brass Threaded Caps (FIP) - Continued**

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
TB17-06	3/8" Cap	150	0.068	31.0
TB17-08	1/2" Cap	75	0.106	48.0
TB17-12	3/4" Cap	50	0.170	77.0
TB17-16	1" Cap	40	0.254	115.0
TB17-20	1-1/4" Cap	25	0.446	202.5
TB17-24	1-1/2" Cap	25	0.415	188.0
TB17-32	2" Cap	15	0.672	305.0
TB17-40	2-1/2" Cap	5	1.543	700.0
TB17-48	3" Cap	5	2.274	1031.5



**Reducing Brass Threaded Couplings (FIP x FIP)**

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
TB1-04-02	1/4" x 1/8" Reducing Coupling	150	0.062	28.0
TB1-06-02	3/8" x 1/8" Reducing Coupling	35	0.000	0.0
TB1-06-04	3/8" x 1/4" Reducing Coupling	300	0.000	0.0
TB1-08-02	1/2" x 1/8" Reducing Coupling	200	0.000	0.0
TB1-08-04	1/2" x 1/4" Reducing Coupling	75	0.132	60.0
TB1-08-06	1/2" x 3/8" Reducing Coupling	50	0.000	0.0
TB1-12-04	3/4" x 1/4" Reducing Coupling	50	0.000	0.0
TB1-12-06	3/4" x 3/8" Reducing Coupling	75	0.000	0.0
TB1-12-08	3/4" x 1/2" Reducing Coupling	45	0.219	99.5
TB1-16-08	1" x 1/2" Reducing Coupling	30	0.281	127.5
TB1-16-12	1" x 3/4" Reducing Coupling	25	0.313	142.0
TB1-20-08	1-1/4" x 1/2" Reducing Coupling	90	0.000	0.0
TB1-20-12	1-1/4" x 3/4" Reducing Coupling	15	0.434	197.0
TB1-20-16	1-1/4" x 1" Reducing Coupling	20	0.496	225.0
TB1-24-12	1-1/2" x 3/4" Reducing Coupling	15	0.530	240.5
TB1-24-16	1-1/2" x 1" Reducing Coupling	10	0.600	272.0
TB1-24-20	1-1/2" x 1-1/4" Reducing Coupling	10	0.655	297.0
TB1-32-12	2" x 3/4" Reducing Coupling	10	0.816	370.0
TB1-32-16	2" x 1" Reducing Coupling	10	0.908	412.0



**Reducing Brass Threaded Couplings (FIP x FIP) - Continued**

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
TB1-32-20	2" x 1-1/4" Brass Coupling	20	0.944	428.0
TB1-32-24	2" x 1-1/2" Brass Coupling	15	0.959	435.0



**Straight Brass Threaded Couplings (FIP x FIP)**

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
TB1-02	1/8" x 1/8" Straight Coupling	200	0.042	19.0
TB1-04	1/4" x 1/4" Straight Coupling	150	0.077	35.0
TB1-06	3/8" x 3/8" Straight Coupling	100	0.132	60.0
TB1-08	1/2" x 1/2" Straight Coupling	60	0.181	82.0
TB1-12	3/4" x 3/4" Straight Coupling	50	0.241	109.5
TB1-16	1" x 1" Straight Coupling	25	0.385	174.5
TB1-20	1-1/4" x 1-1/4" Straight Coupling	15	0.578	262.0
TB1-24	1-1/2" x 1-1/2" Straight Coupling	25	0.753	341.5
TB1-32	2" x 2" Straight Coupling	15	1.067	484.0



**Straight Brass Threaded Crosses (FIP)**

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
TB35-08	1/2" Cross	25	0.376	170.5
TB35-12	3/4" Cross	25	0.569	258.0
TB35-16	1" Cross	20	1.015	460.5
TB35-20	1-1/4" Cross	24	0.000	0.0
TB35-24	1-1/2" Cross	22	0.000	0.0
TB35-32	2" Cross	12	0.000	0.0



**Brass Threaded 45° Elbows (FIP x FIP)**

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
TB6-02	1/8" 45° Elbow	200	0.046	21.0
TB6-04	1/4" 45° Elbow	120	0.087	39.5
TB6-06	3/8" 45° Elbow	75	0.144	65.5



**Brass Threaded 45° Elbows (FIP x FIP) - Continued**

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
TB6-08	1/2" 45° Elbow	50	0.171	77.5
TB6-12	3/4" 45° Elbow	25	0.260	118.0
TB6-16	1" 45° Elbow	25	0.455	206.5
TB6-20	1-1/4" 45° Elbow	25	0.691	313.5
TB6-24	1-1/2" 45° Elbow	15	0.928	421.0
TB6-32	2" 45° Elbow	10	1.454	659.5



**Brass Threaded 45° Street Elbows (MIP x FIP)**

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
TB6-S-04	1/4" 45° Street Elbow	120	0.079	36.0
TB6-S-06	3/8" 45° Street Elbow	75	0.143	65.0
TB6-S-08	1/2" 45° Street Elbow	50	0.187	85.0
TB6-S-12	3/4" 45° Street Elbow	40	0.272	123.5
TB6-S-16	1" 45° Street Elbow	25	0.426	193.0
TB6-S-20	1-1/4" 45° Street Elbow	25	0.672	305.0
TB6-S-24	1-1/2" 45° Street Elbow	15	0.938	425.5
TB6-S-32	2" 45° Street Elbow	10	1.506	683.0



**Brass Threaded 90° Elbows (FIP x FIP)**

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
TB7-02	1/8" x 1/8" 90° Elbow	200	0.079	36.0
TB7-04	1/4" x 1/4" 90° Elbow	100	0.143	65.0
TB7-06	3/8" x 3/8" 90° Elbow	90	0.187	85.0
TB7-08	1/2" x 1/2" 90° Elbow	50	0.272	123.5
TB7-12	3/4" x 3/4" 90° Elbow	35	0.426	193.0
TB7-16	1" x 1" 90° Elbow	25	0.672	305.0
TB7-20	1-1/4" x 1-1/4" 90° Elbow	20	0.938	425.5
TB7-24	1-1/2" x 1-1/2" 90° Elbow	15	1.506	683.0
TB7-32	2" x 2" 90° Elbow	10	1.516	687.5



### Brass Threaded 90° Reducing Elbows (FIP x FIP)

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
TB7-06-04	3/8" x 1/4" 90° Elbow	200	0.000	0.0
TB7-08-04	1/2" x 1/4" 90° Elbow	75	0.000	0.0
TB7-08-06	1/2" x 3/8" 90° Elbow	75	0.000	0.0
TB7-12-08	3/4" x 1/2" 90° Elbow	40	0.291	132.0
TB7-16-08	1" x 1/2" 90° Elbow	25	0.406	184.0
TB7-16-12	1" x 3/4" 90° Elbow	50	0.494	224.0
TB7-20-08	1-1/4" x 1/2" 90° Elbow	10	0.000	0.0
TB7-20-12	1-1/4" x 3/4" 90° Elbow	10	0.676	306.5
TB7-20-16	1-1/4" x 1" 90° Elbow	10	0.000	0.0
TB7-24-16	1-1/2" x 1" 90° Elbow	15	1.167	529.5
TB7-24-20	1-1/2" x 1-1/4" 90° Elbow	40	0.000	0.0
TB7-32-16	2" x 1" 90° Elbow	28	0.000	0.0
TB7-32-20	2" x 1-1/4" 90° Elbow	10	0.000	0.0
TB7-32-24	2" x 1-1/2" 90° Elbow	10	0.000	0.0



### Brass Threaded 90° Street Elbows (FIP x MIP)

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
TB7-S-02	1/8" 90° Street Elbow	200	0.049	22.3
TB7-S-04	1/4" 90° Street Elbow	100	0.079	35.8
TB7-S-06	3/8" 90° Street Elbow	60	0.132	60.0
TB7-S-08	1/2" 90° Street Elbow	60	0.199	90.2
TB7-S-12	3/4" 90° Street Elbow	25	0.310	140.5
TB7-S-16	1" 90° Street Elbow	25	0.487	221.0
TB7-S-20	1-1/4" 90° Street Elbow	20	0.698	316.5
TB7-S-24	1-1/2" 90° Street Elbow	15	1.038	471.0
TB7-S-32	2" 90° Street Elbow	10	1.671	758.0





### Brass Threaded 125 lb. Sweat Companion Flanges

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
TBS125-20-74	1-1/4" x 4-5/8" 125 lb. Companion Flange	20	0.000	0.0
TBS125-24-80	1-1/2" x 5" 125 lb. Companion Flange	10	0.000	0.0
TBS125-32-96	2" x 6" 125 lb. Companion Flange	5	0.000	0.0
TBS125-40-112	2-1/2" x 7" 125 lb. Companion Flange	4	0.000	0.0
TBS125-48-120	3" x 7-1/2" 125 lb. Companion Flange	4	0.000	0.0
TBS125-64-144	4" x 9" 125 lb. Companion Flange	2	0.000	0.0



### Brass Threaded 150 lb. Sweat Companion Flanges

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
TBS150-40-112	2-1/2" x 7" 150 lb. Companion Flange	4	0.000	0.0
TBS150-48-120	3" x 7-1/2" 150 lb. Companion Flange	4	0.000	0.0
TBS150-64-144	4" x 9" 150 lb. Companion Flange	2	0.000	0.0



### Brass Threaded 150 lb. Threaded Companion Flanges

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
TB150-08-56	12" x 3-1/2" 150 lb. Companion Flange	25	0.000	0.0
TB150-12-62	3/4" x 3-7/8" 150 lb. Companion Flange	25	0.000	0.0
TB150-16-68	1" x 4-1/4" 1150 lb. Companion Flange	15	0.000	0.0
TB150-20-74	1-1/4" x 4-5/8" 150 lb. Companion Flange	10	0.000	0.0
TB150-24-80	1-1/2" x 5" 150 lb. Companion Flange	10	0.000	0.0
TB150-32-96	2" x 6" 150 lb. Companion Flange	5	0.000	0.0
TB150-40-112	2-1/2" x 7" 150 lb. Companion Flange	5	0.000	0.0
TB150-48-120	3" x 7-1/2" 150 lb. Companion Flange	2	0.000	0.0
TB150-64-144	4" x 9" 150 lb. Companion Flange	2	0.000	0.0



### Brass Leaded Floor Flanges

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
TBF-08	1/2" Floor Flange	70	0.000	0.0
TBF-12	3/4" Floor Flange	60	0.000	0.0



**Brass Leaded Floor Flanges - *Continued***

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
TBF-16	1" Floor Flange	40	0.000	0.0
TBF-20	1-1/4" Floor Flange	40	0.000	0.0
TBF-24	1-1/2" Floor Flange	30	0.000	0.0
TBF-32	2" Floor Flange	20	0.000	0.0



**Brass Threaded Square Head Cored Plug**

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
TBP-H-02	1/8" Square Head Cored Plug	600	0.000	0.0
TBP-H-04	1/4" Square Head Cored Plug	600	0.000	0.0
TBP-H-06	3/8" Square Head Cored Plug	600	0.000	0.0
TBP-H-08	1/2" Square Head Cored Plug	150	0.092	41.5
TBP-H-12	3/4" Square Head Cored Plug	100	0.143	65.0
TBP-H-16	1" Square Head Cored Plug	20	0.185	84.0
TBP-H-20	1-1/4" Square Head Cored Plug	35	0.287	130.0
TBP-H-24	1-1/2" Square Head Cored Plug	30	0.357	162.0
TBP-H-32	2" Square Head Cored Plug	25	0.602	273.0



**Brass Threaded Square Head Solid Plug**

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
TBP-S-02	1/8" Square Head Solid Plug	900	0.017	7.5
TBP-S-04	1/4" Square Head Solid Plug	500	0.035	16.0
TBP-S-06	3/8" Square Head Solid Plug	250	0.066	30.0
TBP-S-08	1/2" Square Head Solid Plug	75	0.119	54.0
TBP-S-12	3/4" Square Head Solid Plug	50	0.198	90.0
TBP-S-16	1" Square Head Solid Plug	25	0.313	142.0
TBP-S-20	1-1/4" Square Head Solid Plug	20	0.552	250.5
TBP-S-24	1-1/2" Square Head Solid Plug	15	0.757	343.5
TBP-S-32	2" Square Head Solid Plug	10	1.301	590.0



**Brass Threaded Tees (FIP x FIP x FIP)**

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
TBT-02	1/8" Straight Tee	120	0.074	33.5
TBT-04	1/4" Straight Tee	75	0.130	59.0
TBT-06	3/8" Straight Tee	50	0.187	85.0
TBT-08	1/2" Straight Tee	25	0.288	130.5
TBT-12	3/4" Straight Tee	35	0.412	187.0
TBT-16	1" Straight Tee	25	0.680	308.5
TBT-20	1-1/4" Straight Tee	15	1.089	494.0
TBT-24	1-1/2" Straight Tee	12	1.437	652.0
TBT-32	2" Straight Tee	5	2.022	917.0



**Brass Threaded Reducing Tees (FIP x FIP x FIP)**

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
TBT-08-08-04	1/2" x 1/2" x 1/4" Reducing Tee	75	0.000	0.0
TBT-08-08-06	1/2" x 1/2" x 3/8" Reducing Tee	75	0.000	0.0
TBT-08-08-12	1/2" x 1/2" x 3/4" Reducing Tee	75	0.000	0.0
TBT-12-08-08	3/4" x 1/2" x 1/2" Reducing Tee	25	0.340	154.0
TBT-12-08-12	3/4" x 1/2" x 3/4" Reducing Tee	25	0.383	173.5
TBT-12-12-04	3/4" x 3/4" x 1/4" Reducing Tee	50	0.000	0.0
TBT-12-12-08	3/4" x 3/4" x 1/2" Reducing Tee	25	0.388	176.0
TBT-12-12-16	3/4" x 3/4" x 1" Reducing Tee	50	0.000	0.0
TBT-16-08-16	1" x 1/2" x 1" Reducing Tee	50	0.000	0.0
TBT-16-12-08	1" x 3/4" x 1/2" Reducing Tee	50	0.000	0.0
TBT-16-12-12	1" x 3/4" x 3/4" Reducing Tee	15	0.542	246.0
TBT-16-12-16	1" x 3/4" x 1" Reducing Tee	50	0.000	0.0
TBT-16-16-08	1" x 1" x 1/2" Reducing Tee	15	0.617	280.0
TBT-16-16-12	1" x 1" x 3/4" Reducing Tee	15	0.663	300.5
TBT-20-20-08	1-1/4" x 1-1/4" x 1/2" Reducing Tee	20	0.838	380.0
TBT-20-20-12	1-1/4" x 1-1/4" x 3/4" Reducing Tee	20	0.875	397.0
TBT-20-20-16	1-1/4" x 1-1/4" x 1" Reducing Tee	15	0.987	447.5
TBT-24-24-08	1-1/2" x 1-1/2" x 1/2" Reducing Tee	15	1.014	460.0
TBT-24-24-12	1-1/2" x 1-1/2" x 3/4" Reducing Tee	15	1.037	470.5



**Brass Threaded Reducing Tees (FIP x FIP x FIP) - Continued**

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
TBT-24-24-16	1-1/2" x 1-1/2" x 1" Reducing Tee	15	1.183	536.5
TBT-24-24-20	1-1/2" x 1-1/2" x 1-1/4" Reducing Tee	15	1.385	628.0
TBT-32-32-12	2" x 2" x 3/4" Reducing Tee	10	1.614	732.0
TBT-32-32-16	2" x 2" x 1" Reducing Tee	10	1.733	786.0
TBT-32-32-20	2" x 2" x 1-1/4" Reducing Tee	15	0.000	0.0
TBT-32-32-24	2" x 2" x 1-1/2" Reducing Tee	15	0.000	0.0



**Brass Threaded Standard Union (FIP x FIP)**

PART #	OD - DESCRIPTION	BOX QTY	WT (LB)	WT (G)
TB33-02	1/8" x 1/8" Union	200	0.000	0.0
TB33-04	1/4" x 1/4" Union	60	0.209	95.0
TB33-06	3/8" x 3/8" Union	30	0.338	153.5
TB33-08	1/2" x 1/2" Union	25	0.441	200.0
TB33-12	3/4" x 3/4" Union	35	0.579	262.5
TB33-16	1" x 1" Union	25	0.935	424.0
TB33-20	1-1/4" x 1-1/4" Union	15	1.198	543.5
TB33-24	1-1/2" x 1-1/2" Union	10	1.518	688.5
TB33-32	2" x 2" Union	10	2.165	982.0



## FAST ORDER TURNAROUND

Our Operations Center is strategically located in the Memphis, Tennessee metro area to streamline delivery and bolster the customer service that NDL is known for throughout the industry.



## We Focus on Quality and Service So You Can Install with Confidence.

Since 1998, our mission has been to stay ahead of the curve as an industry leader in the HVAC, Refrigeration, and Plumbing markets. We have achieved this over the years by heavily emphasizing quality, and innovation, and maintaining a global team of experienced professionals to deliver top-notch service. We continue to hold ourselves to the highest standards, never sacrificing our commitment to our customers or our product that has what made us the company we are today.

*What you can expect from us:*

- Fast order turnaround
- Real-time order communications
- Field-experienced sales and technical support
- Parts packaged in contractor-friendly sized bags
- High-quality control standards for superior fit and finish



## Offering the Same High-Quality Standards with all of our Plumbing Products.

Building on our success gained from our HVAC-R products, we have grown our offerings to include plumbing products as well which include PAC Fittings that are ASME approved. Consider NDL for copper press fittings, plumbing (WOG) valves, PEX, PPSU PEX, PVC, water hose connectors and more!

See all of our plumbing products at [ndlinc.com](https://www.ndlinc.com).



Explore our full line of high-quality HVAC-R and plumbing products.

[ndlinc.com](https://www.ndlinc.com) | 1-866-635-6888 | [sales@ndlinc.com](mailto:sales@ndlinc.com)

@ndlindustries

