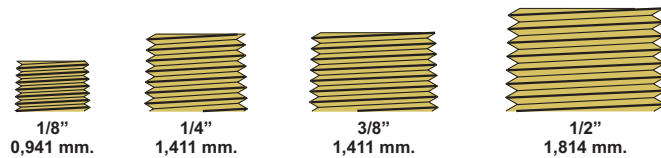


ENALT Brass pipe fittings are manufactured from OT58 alloy and are threaded to National Pipe Tapered (NPT) Standards to generally comply with SAE, ASA, ASME and MS Standard. When male and female fittings are threaded together, the tapered threads deform and apply pressure on one another which creates the seal. Can be used on vacuum to pressures of 346 Bar (5.000 Psi) dependent upon size, material and conditions.

NOTE : ENALT recommends the use of a compatible (LOCTITE® Model CAS-2712) thread sealant and tightening 2-1/2 full turns past hand tight.

TPI Threads Per Inch / Tightened by hand					
1/8"	27,0	3,3 turns	1/2"	14,0	3,4 turns
1/4"	18,0	3,1 turns	3/4"	14,0	3,7 turns
3/8"	18,0	3,3 turns	1"	11,5	3,6 turns

REAL DIMENSIONS w/A4 Page Format 210 x 297mm. (h)



(2) Female Pipe Thread NPT - ELL



Model	Description
100-A	Ell 1/8" Female Pipe Thread x 1/8" Female Pipe Thread.
100-B	1/4" F. NPT x 1/4" F. NPT.
100-C	3/8" F. NPT x 3/8" F. NPT.
100-D	1/2" F. NPT x 1/2" F. NPT.
100-E	3/4" F. NPT x 3/4" F. NPT.

(3) Female Pipe Thread NPT - TEE



Model	Description
101-A	TEE (3) 1/8" Female Pipe Thread NPT.
101-B	1/4" F. NPT x 1/4" F. NPT x 1/4" F. NPT.
101-C	3/8" F. NPT x 3/8" F. NPT x 3/8" F. NPT.
101-D	1/2" F. NPT x 1/2" F. NPT x 1/2" F. NPT.
101-E	3/4" F. NPT x 3/4" F. NPT x 3/4" F. NPT.

(2) Female Pipe Thread NPT - COUPLING



Model	Description
103-A	Coupling (2) 1/8" Female Pipe Thread NPT.
103-B	1/4" F. NPT x 1/4" F. NPT.
103-C	3/8" F. NPT x 3/8" F. NPT.
103-D	1/2" F. NPT x 1/2" F. NPT.
103-E	3/4" F. NPT x 3/4" F. NPT.

(2) Female Pipe Thread NPT - REDUCING PIPE COUPLING



Model	Description
103R-BA	Reducing Pipe Coupling 1/4" Female Pipe Thread NPT x 1/8" Female Pipe Thread NPT.
103R-CB	3/8" F. NPT x 1/4" F. NPT.
103R-DB	1/2" F. NPT x 1/4" F. NPT.
103R-DC	1/2" F. NPT x 3/8" F. NPT.

Male Pipe Thread NPT - COUNTERSUNK PLUG



Model	Description
107-A	Countersunk plug Hex 3/16" (4,76 mm.) - 1/8" Male Pipe Thread MPT.
107-B	1/4" (6,35 mm.) - 1/4" M. NPT.
107-C	5/16" (7,94 mm.) - 3/8" M. NPT.
107-D	3/8" (9,52 mm.) - 1/2" M. NPT.
107-E	9/16" (14,29 mm.) - 3/4" M. NPT.
107-AMM	Countersunk plug Metric - Hex 5,0 mm. - 1/8" Male NPT
107-BMM	6,00 mm. - 1/4" M. NPT.
107-CMM	8,00 mm. - 3/8" M. NPT.
107-DMM	10,00 mm. - 1/2" M. NPT.
107-EMM	14,00 mm. - 3/4" M. NPT.

Female Pipe Thread NPT - HEX CAP



Model	Description
108-A	Hex Cap 1/8" Female Pipe Thread NPT.
108-B	1/4" F. NPT.
108-C	3/8" F. NPT.
108-D	1/2" F. NPT.
108-E	3/4" F. NPT.

Male Pipe Thread NPT - SQUARE HEAD PLUG



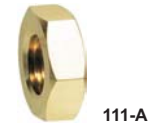
Model	Description
109-A	Square Head Plug 1/8" Male Pipe Thread NPT.
109-B	1/4" M. NPT.
109-C	3/8" M. NPT.
109-D	1/2" M. NPT.
109-E	3/4" M. NPT.

Male Pipe Thread x Female Pipe Thread HEX BUSHING



Model	Description
110-BA	Hex Bushing (R1) 1/4" Male Pipe Thread MPT x 1/8" Female Pipe Thread NPT.
110-CA	3/8" MPT x 1/8" F. NPT.
110-CB	3/8" MPT x 1/4" F. NPT.
110-DA	1/2" MPT x 1/8" F. NPT.
110-DB	1/2" MPT x 1/4" F. NPT.
110-DC	1/2" MPT x 3/8" F. NPT.
110-EA	3/4" MPT x 1/8" F. NPT.
110-EB	3/4" MPT x 1/4" F. NPT.
110-EC	3/4" MPT x 3/8" F. NPT.
110-ED	3/4" MPT x 1/2" F. NPT.
110-FB	1" MPT x 1/4" F. NPT.
110-FC	1" MPT x 3/8" F. NPT.
110-FD	1" MPT x 1/2" F. NPT.

Female Pipe Thread FPT - HEX LOCK NUT



Model	Description
111-A	Hex Lock Nut 1/8" Female Pipe Thread NPT.
111-B	1/4" F. NPT.
111-C	3/8" F. NPT.
111-D	1/2" F. NPT.

Male Pipe Thread x Male Pipe Thread - CLOSE NIPPLE



Model	Description
112-A	Close Nipple 1/8" Male Pipe Thread NPT x 1/8" Male Pipe Thread NPT.
112-B	1/4" M. NPT x 1/4" M. NPT.
112-C	3/8" M. NPT x 3/8" M. NPT.
112-D	1/2" M. NPT x 1/2" M. NPT.
112-E	3/4" M. NPT x 3/4" M. NPT.

Male Pipe Thread x Male Pipe Thread - LONG NIPPLE



Model	Description
113-A15	Long Nipple (2) 1/8" Male Pipe Thread - 38 mm. (1-1/2")
113-A2	(2) 1/8" M. NPT - 50 mm. (2").
113-A25	(2) 1/8" M. NPT - 64 mm. (2-1/2").
113-A3	(2) 1/8" M. NPT - 76 mm. (3").
113-A35	(2) 1/8" M. NPT - 89 mm. (3-1/2").
113-B15	(2) 1/4" M. NPT - 38 mm. (1-1/2").
113-B2	(2) 1/4" M. NPT - 50 mm. (2").
113-B25	(2) 1/4" M. NPT - 64 mm. (2-1/2").
113-B3	(2) 1/4" M. NPT - 76 mm. (3").
113-B35	(2) 1/4" M. NPT - 89 mm. (3-1/2").
113-C15	(2) 3/8" M. NPT - 38 mm. (1-1/2").
113-C2	(2) 3/8" M. NPT - 50 mm. (2").
113-C25	(2) 3/8" M. NPT - 64 mm. (2-1/2").
113-C3	(2) 3/8" M. NPT - 76 mm. (3").
113-C35	(2) 3/8" M. NPT - 89 mm. (3-1/2").
113-D15	(2) 1/2" M. NPT - 38 mm. (1-1/2").
113-D2	(2) 1/2" M. NPT - 50 mm. (2").
113-D25	(2) 1/2" M. NPT - 64 mm. (2-1/2").
113-D3	(2) 1/2" M. NPT - 76 mm. (3").
113-D35	(2) 1/2" M. NPT - 89 mm. (3-1/2").

Male Pipe Thread NPT x Female Pipe Thread NPT - ELL



116-C

Model	Description
116-A	Ell 1/8" Male Pipe Thread x 1/8" Female Pipe Thread.
116-B	1/4" M. NPT x 1/4" F. NPT.
116-C	3/8" M. NPT x 3/8" F. NPT.
116-D	1/2" M. NPT x 1/2" F. NPT.

Female Pipe Thread x Male Pipe Thread - ADAPTER



120R-BA

Model	Description
120R-BA	Reducing Adapter 1/4" Female Pipe Thread NPT x 1/8" Male Pipe Thread NPT.
120R-CA	3/8" F. NPT x 1/8" M. NPT.
120R-CB	3/8" F. NPT x 1/4" M. NPT.
120R-DB	1/2" F. NPT x 1/4" M. NPT.
120R-DC	1/2" F. NPT x 3/8" M. NPT.
120R-EC	3/4" F. NPT x 3/8" M. NPT.
120R-ED	3/4" F. NPT x 1/2" M. NPT.

P3 Male Pipe Thread NPT - HEX HEAD PLUG



121-C

Model	Description
121-A	Hex Head Plug (P3) 1/8" Male Pipe Thread NPT.
121-B	1/4" M. NPT.
121-C	3/8" M. NPT.
121-D	1/2" M. NPT.
121-E	3/4" M. NPT.
121-F	1" M. NPT.

U10 Male Pipe Thread x Male Pipe Thread HEX NIPPLE



122-C

Model	Description
122-A	Hex Nipple (U10) 1/8" Male Pipe Thread NPT x 1/8" Male Pipe Thread NPT.
122-B	1/4" M. NPT x 1/4" M. NPT.
122-C	3/8" M. NPT x 3/8" M. NPT.
122-D	1/2" M. NPT x 1/2" M. NPT.
122-E	3/4" M. NPT x 3/4" M. NPT.
122-F	1" M. NPT x 1" M. NPT.

Male BSP Thread x Male BSP Thread HEX NIPPLE



122-B BSPT

Model	Description
122-B BSPT	Hex Nipple 1/4" Male BSP Thread x 1/4" Male BSP Thread.

Male Pipe Th'd x Male Pipe Th'd - REDUCING NIPPLE



122R-DB

Model	Description
122R-BA	Reducing Nipple 1/4" Male Pipe Thread NPT x 1/8" Male Pipe Thread NPT.
122R-CA	3/8" M. NPT x 1/8" M. NPT.
122R-CB	3/8" M. NPT x 1/4" M. NPT.
122R-DB	1/2" M. NPT x 1/4" M. NPT.
122R-DC	1/2" M. NPT x 3/8" M. NPT.
122R-ED	3/4" M. NPT x 1/2" M. NPT.

(2) Female Pipe Thread FPT x Male Pipe Thread NPT - TEE



Model	Description
127-A	Tee 1/8" Female Pipe Thread NPT x 1/8" Female Pipe Thread NPT x 1/8" Male Pipe Thread NPT.
127-B	Tee 1/4" F. NPT x 1/4" F. NPT x 1/4" M. NPT.

TEE - ODS solder x Female Pipe Thread FPT x ODS solder



Model	Description
127- 4A 4	Tee 1/4" (6,35 mm.) ODS solder x 1/8" Female Pipe Thread NPT x 1/4" (6,35 mm.) ODS solder.
127- 4B 4	1/4" (6,35 mm.) ODS solder x 1/4" F. NPT x 1/4" (6,35 mm.) ODS solder.
127- 5A 5	5/16" (8,00 mm.) ODS solder x 1/8" F. NPT x 5/16" (8,00 mm.) ODS solder.
127- 5B 5	5/16" (8,00 mm.) ODS solder x 1/4" F. NPT x 5/16" (8,00 mm.) ODS solder.
127- 6A 6	3/8" (9,52 mm.) ODS solder x 1/8" F. NPT x 3/8" (9,52 mm.) ODS solder.
127- 6B 6	3/8" (9,52 mm.) ODS solder x 1/4" F. NPT x 3/8" (9,52 mm.) ODS solder.
127- 8A 8	1/2" (12,70 mm.) ODS solder x 1/8" F. NPT x 1/2" (12,70 mm.) ODS solder.
127- 8B 8	1/2" (12,70 mm.) ODS solder x 1/4" F. NPT x 1/2" (12,70 mm.) ODS solder.

Male Pipe Thread NPT x Male Pipe Thread NPT - ELL



Model	Description
130-A	Ell 1/8" Male Pipe Thread NPT x 1/8" Male Pipe Thread NPT.
130-B	1/4" M. NPT x 1/4" M. NPT.
130-C	3/8" M. NPT x 3/8" M. NPT.
130-D	1/2" M. NPT x 1/2" M. NPT.

Female Pipe Thread NPT x ODS Female Solder - ADAPTER



Model	Description
103S-A2.75MM	Adapter 1/8" Female Pipe Thread F. NPT x Capillary Tube 2,75 mm. ODS solder.
103S-A 4	1/8" F. NPT x 1/4" (6,35 mm.) ODS solder.
103S-B 6	1/4" F. NPT x 3/8" (9,52 mm.) ODS solder.
103S-C 8	3/8" F. NPT x 1/2" (12,70 mm.) ODS solder.
103S-D10	1/2" F. NPT x 5/8" (15,88 mm.) ODS solder.
103S-A 6MM	1/8" F. NPT x 6 mm. ODS solder.
103S-B10MM	1/4" F. NPT x 10 mm. ODS solder.
103S-C12MM	3/8" F. NPT x 12 mm. ODS solder.
103S-D14MM	1/2" F. NPT x 14 mm. ODS solder.
103S-D16MM	1/2" F. NPT x 16 mm. ODS solder.

Male Pipe Thread NPT x ODS Female Solder - ADAPTER



Model	Description
122S-A2.75MM	Adapter 1/8" Male Pipe Thread F. NPT x Capillary Tube 2,75 mm. ODS solder.
122S-A 4	1/8" M. NPT x 1/4" (6,35 mm.) ODS solder.
122S-B 6	1/4" M. NPT x 3/8" (9,52 mm.) ODS solder.
122S-C 8	3/8" M. NPT x 1/2" (12,70 mm.) ODS solder.
122S-D 8	1/2" M. NPT x 1/2" (12,70 mm.) ODS solder.
122S-D10	1/2" M. NPT x 5/8" (15,88 mm.) ODS solder.
122S-A 6MM	1/8" M. NPT x 6 mm. ODS solder.
122S-B10MM	1/4" M. NPT x 10 mm. ODS solder.
122S-C12MM	3/8" M. NPT x 12 mm. ODS solder.
122S-D14MM	1/2" M. NPT x 14 mm. ODS solder.
122S-D16MM	1/2" M. NPT x 16 mm. ODS solder.