







REDUCING BUSH	PART #	DESCRIPTION
	110-BA	1/4" x 1/8"
	110-CA	3/8" x 1/8"
	110-CB	3/8" x 1/4"
	110-DA	1/2" x 1/8"
	110-DB	1/2" x 1/4"
	110-DC	1/2" x 3/8"
	110-EA	3/4" x 1/8"
	110-EB	3/4" x 1/4"
	110-EC	3/4" x 3/8"
	110-ED	3/4" x 1/2"
	110-FC	1" x 3/8"
	110-FD	1" x 1/2"
	110-FE	1" x 3/4"


HEX STOP PLUG	PART #	DESCRIPTION
	121-A-CORED	1/8" NPT Hex Stop Plug
	121-B-CORED	1/4" NPT Hex Stop Plug
	121-C-CORED	3/8" NPT Hex Stop Plug
	121-D-CORED	1/2" NPT Hex Stop Plug
	121-E-CORED	3/4" NPT Hex Stop Plug
	121-H-CORED	1" NPT Hex Stop Plug
	121S-A	1/8" Hex Solid Stop Plug
	121S-B	1/4" Hex Solid Stop Plug
	121S-C	3/8" Hex Solid Stop Plug
	121S-D	1/2" Hex Solid Stop Plug


SQUARE PLUG	PART #	DESCRIPTION
	109-A	1/8" NPT Square Plug
	109-B	1/4" NPT Square Plug
	109-C	3/8" NPT Square Plug
	109-D	1/2" NPT Square Plug
	109-E	3/4" NPT Square Plug


SOCKET PLUG	PART #	DESCRIPTION
	118-A	1/8" NPT Socket Plug
	118-B	1/4" NPT Socket Plug
	118-C	3/8" NPT Socket Plug
	118-D	1/2" NPT Socket Plug
	118-E	3/4" NPT Socket Plug


CAP NUT	PART #	DESCRIPTION
	108-A	1/8" NPT Cap Nut
	108-B	1/4" NPT Cap Nut
	108-C	3/8" NPT Cap Nut
	108-D	1/2" NPT Cap Nut
	108-E	3/4" NPT Cap Nut


MALE FEMALE ADAPTER	PART #	DESCRIPTION
	120-AA	1/8"(F) x 1/8"(M) M/F Adapter
	120-BA	1/8"(F) x 1/4"(M) M/F Adapter
	120-BB	1/4"(F) x 1/4"(M) M/F Adapter
	120-CB	1/4"(F) x 3/8"(M) M/F Adapter
	120-DB	1/4"(F) x 1/2"(M) M/F Adapter
	120-CA	3/8"(F) x 1/8"(M) M/F Adapter
	120-CB	3/8"(F) x 1/4"(M) M/F Adapter
	120-CC	3/8"(F) x 3/8"(M) M/F Adapter
	120-DC	3/8"(F) x 1/2"(M) M/F Adapter
	120-DB	1/2"(F) x 1/4"(M) M/F Adapter
	120-DC	1/2"(F) x 3/8"(M) M/F Adapter
	120-DD	1/2"(F) x 1/2"(M) M/F Adapter
	120-EC	3/4"(F) x 3/8"(M) M/F Adapter
	120-ED	3/4"(F) x 1/2"(M) M/F Adapter
	120-EE	3/4"(F) x 3/4"(M) M/F Adapter


CLOSE NIPPLE	PART #	DESCRIPTION
	112-A	1/8" NPT Close Nipple
	112-B	1/4" NPT Close Nipple
	112-C	3/8" NPT Close Nipple
	112-D	1/2" NPT Close Nipple
	112-E	3/4" NPT Close Nipple
	112-F	1" NPT Close Nipple


HEX REDUCING NIPPLE	PART #	DESCRIPTION
	122-BA	1/4" x 1/8" Hex Reducing Nipple
	122-CA	3/8" x 1/8" Hex Reducing Nipple
	122-CB	3/8" x 1/4" Hex Reducing Nipple
	122-DB	1/2" x 1/4" Hex Reducing Nipple
	122-DC	1/2" x 3/8" Hex Reducing Nipple
	122-ED	3/4" x 1/2" Hex Reducing Nipple


FEMALE TEE EXTRUDED	PART #	DESCRIPTION
	101-A	1/8" NPT Female Tee Extruded
	101-B	1/4" NPT Female Tee Extruded
	101-C	3/8" NPT Female Tee Extruded
	101-D	1/2" NPT Female Tee Extruded
	101-E	3/4" NPT Female Tee Extruded


HEX NIPPLE	PART #	DESCRIPTION
	122-A	1/8" x 1/8" NPT Hex Nipple
	122-B	1/4" x 1/4" NPT Hex Nipple
	122-C	3/8" x 3/8" NPT Hex Nipple
	122-D	1/2" x 1/2" NPT Hex Nipple
	122-E	3/4" x 3/4" NPT Hex Nipple
	122-F	1" x 1" NPT Hex Nipple

FEMALE ELBOW EXTRUDED	PART #	DESCRIPTION
	100-A	1/8" x 1/8" NPT Female Elbow Extruded
	100-B	1/4" x 1/4" NPT Female Elbow Extruded
	100-C	3/8" x 3/8" NPT Female Elbow Extruded
	100-D	1/2" x 1/2" NPT Female Elbow Extruded
	100-E	3/4" x 3/4" NPT Female Elbow Extruded


FEMALE COUPLING	PART #	DESCRIPTION
	103-A	1/8" x 1/8" NPT Female Coupling
	103-B	1/4" x 1/4" NPT Female Coupling
	103-B	3/8" x 3/8" NPT Female Coupling
	103-D	1/2" x 1/2" NPT Female Coupling
	103-E	3/4" x 3/4" NPT Female Coupling


FEMALE RUN TEE EXTRUDED	PART #	DESCRIPTION
	107-A	1/8" NPT Female Run Tee Extruded
	107-B	1/4" NPT Female Run Tee Extruded
	107-C	3/8" NPT Female Run Tee Extruded
	107-D	1/2" NPT Female Run Tee Extruded
	107-E	3/4" NPT Female Run Tee Extruded


45° M/F ELBOW EXTRUDED	PART #	DESCRIPTION
	124-A	1/8" x 1/8" NPT 45° M/F Elbow Extruded
	124-B	1/4" x 1/4" NPT 45° M/F Elbow Extruded
	124-C	3/8" x 3/8" NPT 45° M/F Elbow Extruded
	124-D	1/2" x 1/2" NPT 45° M/F Elbow Extruded
	124-E	3/4" x 3/4" NPT 45° M/F Elbow Extruded

90° M/F ELBOW EXTRUDED	PART #	DESCRIPTION
	115-A	1/8"(F)x1/8"(M)NPT 90° M/F Elbow Ex.
	115-BA	1/4"(F)x1/8"(M)NPT 90° M/F Elbow Ex.
	115-B	1/4"(F)x1/4"(M)NPT 90° M/F Elbow Ex.
	115-CB	3/8"(F)x1/4"(M)NPT 90° M/F Elbow Ex.
	115-C	3/8"(F)x3/8"(M)NPT 90° M/F Elbow Ex.
	115-DC	1/2"(F)x3/8"(M)NPT 90° M/F Elbow Ex.
	115-D	1/2"(F)x1/2"(M)NPT 90° M/F Elbow Ex.
	115-ED	3/4"(F)x1/2"(M)NPT 90° M/F Elbow Ex.
	115-E	3/4"(F)x3/4"(M)NPT 90° M/F Elbow Ex.

FEMALE REDUCING COUPLING	PART #	DESCRIPTION
	119-BA	1/4" x 1/8" Female Reducing Coupling
	119-CA	3/8" x 1/8" Female Reducing Coupling
	119-CB	3/8" x 1/4" Female Reducing Coupling
	119-DB	1/2" x 1/4" Female Reducing Coupling
	119-DC	1/2" x 3/8" Female Reducing Coupling
	119-EC	3/4" x 3/8" Female Reducing Coupling
	119-ED	3/4" x 1/2" Female Reducing Coupling

FEMALE CROSS EXTRUDED	PART #	DESCRIPTION
	102-A	1/8" NPT Female Cross Extruded
	102-B	1/4" NPT Female Cross Extruded
	102-C	3/8" NPT Female Cross Extruded
	102-D	1/2" NPT Female Cross Extruded
	102-E	3/4" NPT Female Cross Extruded

MALE BRANCH TEE EXTRUDED	PART #	DESCRIPTION
	106-A	1/8"Fx1/8"Mx1/8"F NPT Male Branch Tee Ex.
	106-B	1/4"Fx1/4"Mx1/4"F NPT Male Branch Tee Ex.
	106-C	3/8"Fx3/8"Mx3/8"F NPT Male Branch Tee Ex.
	106-D	1/2"Fx1/2"Mx1/2"F NPT Male Branch Tee Ex.
	106-E	3/4"Fx3/4"Mx3/4"F NPT Male Branch Tee Ex.

LONG NIPPLE (LEAD FREE)	PART #	DESCRIPTION
	112-A	1/8 X CL(3/4") (BRASS) NIPPLE LF
	113-A1-1/2	1/8 X 1 1/2 (BRASS) NIPPLE L.F.
	113-A2	1/8 X 2 (BRASS) NIPPLE L.F.
	113-A2-1/2	1/8 X 2 1/2 (BRASS) NIPPLE L.F.
	113-A3	1/8 X 3 (BRASS) NIPPLE L.F.
	113-A3 1/2	1/8 X 3 1/2 (BRASS) NIPPLE L.F.
	113-A4	1/8 X 4 (BRASS) NIPPLE L.F.



113-A4-1/2	1/8 X 4 1/2 (BRASS) NIPPLE L.F.
113-A5	1/8 X 5 (BRASS) NIPPLE L.F.
113-A5-1/2	1/8 X 5 1/2 (BRASS) NIPPLE L.F.
113-A6	1/8 X 6 (BRASS) NIPPLE L.F.
113-A7	1/8 X 7 (BRASS) NIPPLE L.F.
112-B	1/4 X CL(7/8") (BRASS) NIPPLE LF
113-B1-1/2	1/4 X 1 1/2 (BRASS) NIPPLE L.F.
113-B2	1/4 X 2 (BRASS) NIPPLE L.F.
113-B2-1/2	1/4 X 2 1/2 (BRASS) NIPPLE L.F.
113-B3	1/4 X 3 (BRASS) NIPPLE L.F.
113-B3-1/2	1/4 X 3 1/2 (BRASS) NIPPLE L.F.
113-B4	1/4 X 4 (BRASS) NIPPLE L.F.
113-B4-1/2	1/4 X 4 1/2 (BRASS) NIPPLE L.F.
113-B5	1/4 X 5 (BRASS) NIPPLE L.F.
113-B5 -1/2	1/4 X 5 1/2 (BRASS) NIPPLE L.F.
113-B6	1/4 X 6 (BRASS) NIPPLE L.F.
112-C	3/8 X CL(1") (BRASS) NIPPLE LF
113-C1-1/2	3/8 X 1 1/2 (BRASS) NIPPLE L.F.
113-C2	3/8 X 2 (BRASS) NIPPLE L.F.
113-C2-1/2	3/8 X 2 1/2 (BRASS) NIPPLE L.F.
113-C3	3/8 X 3 (BRASS) NIPPLE L.F.
113-C3-1/2	3/8 X 3 1/2 (BRASS) NIPPLE L.F.
113-C4	3/8 X 4 (BRASS) NIPPLE L.F.
113-C4-1/2	3/8 X 4 1/2 (BRASS) NIPPLE L.F.
113-C5	3/8 X 5 (BRASS) NIPPLE L.F.
113-C5-1/2	3/8 X 5 1/2 (BRASS) NIPPLE L.F.
113-C6	3/8 X 6 (BRASS) NIPPLE L.F.
LF112-D	1/2 X CL(1 1/8") (BRASS) NIPPLE LF
113-D1-1/2	1/2 X 1 1/2 (BRASS) NIPPLE L.F.
113-D2	1/2 X 2 (BRASS) NIPPLE L.F.
113-D2-1/2	1/2 X 2 1/2 (BRASS) NIPPLE L.F.
113-D3	1/2 X 3 (BRASS) NIPPLE L.F.
113-D3-1/2	1/2 X 3 1/2 (BRASS) NIPPLE L.F.
113-D4	1/2 X 4 (BRASS) NIPPLE L.F.
113-D4-1/2	1/2 X 4 1/2 (BRASS) NIPPLE L.F.
113-D5	1/2 X 5 (BRASS) NIPPLE L.F.
113-D5-1/2	1/2 X 5 1/2 (BRASS) NIPPLE L.F.
113-D6	1/2 X 6 (BRASS) NIPPLE L.F.
113-D8	1/2 X 8 (BRASS) NIPPLE L.F.
113-D12	1/2 X 12 (BRASS) NIPPLE L.F.
112-E	3/4 X CL(1 3/8") (BRASS) NIPPLE LF
113-E1-1/2	3/4 X 1 1/2 (BRASS) NIPPLE L.F.
113-E2	3/4 X 2 (BRASS) NIPPLE L.F.



113-E2-1/2	3/4 X 2 1/2 (BRASS) NIPPLE L.F.
113-E3	3/4 X 3 (BRASS) NIPPLE L.F.
113-E3-1/2	3/4 X 3 1/2 (BRASS) NIPPLE L.F.
113-E4	3/4 X 4 (BRASS) NIPPLE L.F.
113-E4-1/2	3/4 X 4 1/2 (BRASS) NIPPLE L.F.
113-E5	3/4 X 5 (BRASS) NIPPLE L.F.
113-E5-1/2	3/4 X 5 1/2 (BRASS) NIPPLE L.F.
113-E6	3/4 X 6 (BRASS) NIPPLE L.F.
113-E8	3/4 X 8 (BRASS) NIPPLE L.F.
112-F	1 X CL(1 1/2") (BRASS) NIPPLE LF
113-F2	1 X 2 (BRASS) NIPPLE L.F.
113-F2-1/2	1 X 2 1/2 (BRASS) NIPPLE L.F.
113-F3	1 X 3 (BRASS) NIPPLE L.F.
113-F3-1/2	1 X 3 1/2 (BRASS) NIPPLE L.F.
113-F4	1 X 4 (BRASS) NIPPLE L.F.
113-F4-1/2	1 X 4 1/2 (BRASS) NIPPLE L.F.
113-F5	1 X 5 (BRASS) NIPPLE L.F.
113-F5-1/2	1 X 5 1/2 (BRASS) NIPPLE L.F.
113-F6	1 X 6 (BRASS) NIPPLE L.F.
113-F8	1 X 8 (BRASS) NIPPLE L.F.
113-F12	1 X 12 (BRASS) NIPPLE L.F.
112-G	1 1/4 X CL(1 5/8")(BRASS) NIPPLE LF
113-G2	1 1/4 X 2 (BRASS) NIPPLE L.F.
113-G2-1/2	1 1/4 X 2 1/2 (BRASS) NIPPLE L.F.
113-G3	1 1/4 X 3 (BRASS) NIPPLE L.F.
113-G3-1/2	1 1/4 X 3 1/2 (BRASS) NIPPLE L.F.
113-G4	1 1/4 X 4 (BRASS) NIPPLE L.F.
113-G4-1/2	1 1/4 X 4 1/2 (BRASS) NIPPLE L.F.
113-G5	1 1/4 X 5 (BRASS) NIPPLE L.F.
113-G5-1/2	1 1/4 X 5 1/2 (BRASS) NIPPLE L.F.
113-G6	1 1/4 X 6 (BRASS) NIPPLE L.F.
112-H	1 1/2 X CL(1 3/4")(BRASS) NIPPLE LF
113-H2	1 1/2 X 2 (BRASS) NIPPLE L.F.
113-H2-1/2	1 1/2 X 2 1/2 (BRASS) NIPPLE L.F.
113-H3	1 1/2 X 3 (BRASS) NIPPLE L.F.
113-H3-1/2	1 1/2 X 3 1/2 (BRASS) NIPPLE L.F.
113-H4	1 1/2 X 4 (BRASS) NIPPLE L.F.
113-H4-1/2	1 1/2 X 4 1/2 (BRASS) NIPPLE L.F.
113-H5	1 1/2 X 5 (BRASS) NIPPLE L.F.
113-H5-1/2	1 1/2 X 5 1/2 (BRASS) NIPPLE L.F.
113-H6	1 1/2 X 6 (BRASS) NIPPLE L.F.
112-I	2 X CL(2") (BRASS) NIPPLE LF
113-I2-1/2	2 X 2 1/2 (BRASS) NIPPLE L.F.





113-I3	2 X 3 (BRASS) NIPPLE L.F.
113-I3-1/2	2 X 3 1/2 (BRASS) NIPPLE L.F.
113-I4	2 X 4 (BRASS) NIPPLE L.F.
113-I4-1/2	2 X 4 1/2 (BRASS) NIPPLE L.F.
113-I5	2 X 5 (BRASS) NIPPLE L.F.
113-I5-1/2	2 X 5 1/2 (BRASS) NIPPLE L.F.
113-I6	2 X 6 (BRASS) NIPPLE L.F.
112-K	2 1/2xCLOSE(2 1/2")(BRASS)NIP LF
113-J3	2 1/2 X 3 (BRASS) NIPPLE L.F.
113-J3 1/2	2 1/2 X 3 1/2 (BRASS) NIPPLE L.F.
113-J4	2 1/2 X 4 (BRASS) NIPPLE L.F.
113-J4 1/2	2 1/2 X 4 1/2 (BRASS) NIPPLE L.F.
113-J5	2 1/2 X 5 (BRASS) NIPPLE L.F.
113-J5 1/2	2 1/2 X 5 1/2 (BRASS) NIPPLE L.F.
113-J6	2 1/2 X 6 (BRASS) NIPPLE L.F.
112-K	3 X CLOSE(2 5/8")(BRASS)NIPPLE LF
113-K3	3 X 3 (BRASS) NIPPLE L.F.
113-K3 1/2	3 X 3 1/2 (BRASS) NIPPLE L.F.
113-K4	3 X 4 (BRASS) NIPPLE L.F.
113-K4 1/2	3 X 4 1/2 (BRASS) NIPPLE L.F.
113-K5	3 X 5 (BRASS) NIPPLE L.F.
113-K5 1/2	3 X 5 1/2 (BRASS) NIPPLE L.F.
113-K6	3 X 6 (BRASS) NIPPLE L.F.
LF112-M	4 X CLOSE(2 7/8")(BRASS) NIPPLE LF
113-M3	4 X 3 (BRASS) NIPPLE L.F.
113-M3 1/2	4 X 3 1/2 (BRASS) NIPPLE L.F.
113-M4	4 X 4 (BRASS) NIPPLE L.F.
113-M4 1/2	4 X 4 1/2 (BRASS) NIPPLE L.F.
113-M5	4 X 5 (BRASS) NIPPLE L.F.
113-M5 1/2	4 X 5 1/2 (BRASS) NIPPLE L.F.
113-M6	4 X 6 (BRASS) NIPPLE L.F.