

COPPER SEAL BONNETS



Unv. No.	Item No.	Size	Box	Wt.	List
B1-3	A 04737	3/16	25	0.001	2.76
B1-4	A 00414	1/4	100	0.001	0.63
B1-5	A 04935	5/16	50	0.004	3.68
B1-6	A 00415	3/8	100	0.004	0.73
B1-8	A 00416	1/2	100	0.007	1.25
B1-10	A 00485	5/8	20	0.010	1.05
B1-12	A 04738	3/4	25	0.015	2.76

COPPER FLARE GASKETS



Unv. No.	Item No.	Size	Box	Wt.	List
B2-4	A 00401	1/4	100	0.001	0.29
B2-5	A 04811	5/16	50	0.001	1.84
B2-6	A 00402	3/8	100	0.002	0.49
B2-8	A 00403	1/2	100	0.002	0.49
B2-10	A 05186	5/8	50	0.003	0.53
B2-12	A 04822	3/4	25	0.004	1.52

90° ELBOW - HALF UNION

Flare to NPTFE



Unv. No.	Item No.	Size	Box	Wt.	List
E1-4A	A 00335	1/4 x 1/8	25	0.046	3.20
E1-4B	A 04890	1/4 x 1/4	25	0.055	3.20
E1-4C	A 04812	1/4 x 3/8	25	0.082	3.20
E1-6A	A 04937	3/8 x 1/8	25	0.080	5.73
E1-6B	A 00337	3/8 x 1/4	25	0.077	5.73
E1-6C	A 04889	3/8 x 3/8	25	0.108	5.73
E1-6D	A 04886	3/8 x 1/2	25	0.160	5.73
E1-8B	A 05044	1/2 x 1/4	10	0.135	7.20
E1-8C	A 00339	1/2 x 3/8	15	0.140	7.20
E1-8D	A 04887	1/2 x 1/2	15	0.180	7.20
E1-8E	A 05072	1/2 x 3/4	10	0.231	7.20
E1-10C	A 04856	5/8 x 3/8	10	0.225	12.08
E1-10D	A 04538	5/8 x 1/2	10	0.240	12.08
E1-10E	A 05054	5/8 x 3/4	10	0.255	12.08

90° ELBOW - UNION

Flare to Flare



Unv. No.	Item No.	Size	Box	Wt.	List
E2-4	A 00147	1/4	25	0.074	6.62
E2-6	A 00146	3/8	25	0.095	6.62
E2-8	A 00145	1/2	15	0.150	6.62
E2-10	A 04539	5/8	10	0.250	11.56

90° ELBOW

External Flare to NPTFI



Unv. No.	Item No.	Size	Box	Wt.	List
E3-4A	A 04630	1/4 x 1/8	25	0.050	3.20
E3-4B	A 05007	1/4 x 1/4	25	0.140	9.56

90° ELBOW

External Flare to Internal Flare



Unv. No.	Item No.	Size	Box	Wt.	List
E4-44	A 04898	1/4 x 1/4	25	0.065	3.83
E4-66	A 08082	3/8 x 3/8	25	0.170	6.30

90° SOLDER ELBOW - HALF UNION

Flare to Solder



Unv. No.	Item No.	Size	Box	Wt.	List
ES2-44	A 03449	1/4 x 1/4	25	0.035	3.20
ES2-66	A 03511	3/8 x 3/8	20	0.081	4.15
ES2-88	A 07851	1/2 x 1/2	10	0.120	8.46

90° SWIVEL ELBOWS

External Flare to Internal Flare



Unv. No.	Item No.	Size	Box	Wt.	List
ES4-44	A 15940	1/4 x 1/4	4	0.103	8.67
ES4-66	A 15941	3/8 x 3/8	4	0.133	9.72
ES4-88	A 15943	1/2 x 1/2	4	0.202	16.81

CONNECTOR - FUSIBLE PIPE PLUGS

NPTFE



Unv. No.	Item No.	Size	Melting Temp	Box	Wt.	List
FP-A	A 14058	1/8	283°F	10	0.022	7.56
FP-B	A 14059	1/4	283°F	15	0.035	9.72
FP-C	A 14060	3/8	283°F	15	0.084	11.88
FP-A	A 14017	1/8	210°F	10	0.024	7.56
FP-B	A 14018	1/4	210°F	15	0.054	9.72
FP-C	A 14021	3/8	210°F	15	0.090	11.88
FP-A	A 15214	1/8	168°F	10	0.024	7.56
FP-B	A 14019	1/4	168°F	15	0.054	9.72
FP-C	A 14022	3/8	168°F	15	0.095	11.88

CONNECTOR - HALF UNION

Flare to NPTFE



Unv. No.	Item No.	Size	Melting Temp	Box	Wt.	List
FU-4B	A 14062	1/4 x 1/4	283°F	10	0.047	9.72
FU-6C	A 14064	3/8 x 3/8	283°F	10	0.126	11.88
FU-4B	A 14023	1/4 x 1/4	210°F	10	0.057	9.72
FU-6C	A 14026	3/8 x 3/8	210°F	10	0.122	11.88
FU-4B	A 14024	1/4 x 1/4	168°F	10	0.048	9.72
FU-6C	A 14027	3/8 x 3/8	168°F	10	0.098	11.88

REFRIGERANT DRUM ADAPTER

Flare to NPTFE



Unv. No.	Item No.	Size	Box	Wt.	List
K1-1	A 08073	1/4 x 3/4	10	0.159	5.93
K1-3	A 08274	3/8 x 3/4	10	0.187	5.93
K1-5	A 08276	1/2 x 3/4	10	0.194	13.29
K1-8	A 08166	1/4 x 1/2	10	0.148	16.81

NUT - LONG FORGED

Flare to NPTFE



Unv. No.	Item No.	Size	Box	Wt.	List
N4-4	A 00440	1/4	25	0.048	2.00
N4-6	A 00441	3/8	25	0.075	2.58
N4-8	A 00442	1/2	10	0.108	3.15
N4-10	A 01112	5/8	5	0.185	9.56
N4-12	A 04731	3/4	5	0.345	12.24

NUT - FLARE SEAL CAP



Unv. No.	Item No.	Size	Box	Wt.	List
N5-4	A 04544	1/4	50	0.030	0.63
N5-5	A 04758	5/16	25	0.027	2.26
N5-6	A 04545	3/8	25	0.050	1.21
N5-8	A 04546	1/2	25	0.069	1.42
N5-10	A 04560	5/8	10	0.137	2.26
N5-12	A 04951	3/4	10	0.221	6.41

NUT - FLARE SEAL CAP FINGER TIGHTENING



Unv. No.	Item No.	Size	Box	Wt.	List
NFT5-4	A 16447	1/4	2000	0.015	0.84
NFT5-6	A 16448	3/8	1400	0.038	2.89

NUT - SHORT FORGED REDUCING



Unv. No.	Item No.	Size	Box	Wt.	List
NRS4-43	A 05132	1/4	10	0.027	3.86
NRS4-54	A 05247	5/16	10	0.055	7.90
NRS4-64	A 05140	3/8	25	0.060	1.74
NRS4-65	A 05282	3/8	10	0.027	6.16
NRS4-86	A 05141	1/2	15	0.094	3.07
NRS4-108	A 05228	5/8	15	0.125	3.35

NUT - SHORT FORGED



Unv. No.	Item No.	Size	Box	Wt.	List
NS4-3	A 05238	3/16	50	0.024	3.96
NS4-4	A 05051	1/4	50	0.035	1.16
NS4-5	A 05239	5/16	25	0.040	3.02
NS4-6	A 05052	3/8	25	0.052	1.56
NS4-8	A 05053	1/2	15	0.084	2.29
NS4-10	A 05157	5/8	10	0.120	3.25
NS4-12	A 05222	3/4	10	0.235	5.84

PLUG - FLARE



Unv. No.	Item No.	Size	Box	Wt.	List
P2-3	A 05045	3/16	15	0.016	1.26
P2-4	A 00121	1/4	25	0.022	0.84
P2-6	A 00122	3/8	25	0.059	1.37
P2-8	A 00123	1/2	25	0.095	6.78
P2-10	A 04536	5/8	15	0.137	6.78
P2-12	A 04757	3/4	10	0.225	6.78

PLUG - BRASS PIPE



Unv. No.	Item No.	Size	Box	Wt.	List
P3-A	A 00250	1/8	50	0.030	0.63
P3-B	A 00249	1/4	50	0.048	1.21
P3-C	A 00425	3/8	25	0.058	2.78
P3-D	A 04759	1/2	25	0.108	2.78
P3-E	A 05004	3/4	10	0.209	5.20

BUSHING

External Pipe Thread to Internal Pipe Thread



Unv. No.	Item No.	Size	Box	Wt.	List
R1-AB	A 08756	1/8 x 1/4	25	0.054	4.20
R1-BA	A 00630	1/4 x 1/8	25	0.020	0.79
R1-CB	A 00631	3/8 x 1/4	25	0.034	4.20
R1-DB	A 00492	1/2 x 1/4	25	0.080	4.52
R1-DC	A 00632	1/2 x 3/8	25	0.051	4.52
R1-EC	A 00493	3/4 x 3/8	10	0.111	4.52
R1-ED	A 00633	3/4 x 1/2	10	0.092	5.46

TEE - TWO WAY

Flare to Flare to NPTFE



Unv. No.	Item No.	Size	Box	Wt.	List
T1-4A	A 00345	1/4 x 1/4 x 1/8	25	0.066	3.88
T1-4B	A 04859	1/4 x 1/4 x 1/4	25	0.103	3.88
T1-8C	A 00349	1/2 x 1/2 x 3/8	15	0.191	6.46

TEE - THREE WAY

Flare to Flare to Flare



Unv. No.	Item No.	Size	Box	Wt.	List
T2-4	A 00340	1/4	25	0.065	3.15
T2-6	A 00342	3/8	15	0.143	8.40
T2-8	A 00344	1/2	15	0.196	10.61
T2-12	A 04749	3/4	5	0.502	22.59

TEE - RIGHT ANGLE TWO-WAY

NPTFE to Flare to Flare



Unv. No.	Item No.	Size	Box	Wt.	List
T3-4A	A 00127	1/4 x 1/8 x 1/4	25	0.070	3.05
T3-4B	A 04998	1/4 x 1/4 x 1/4	25	0.088	4.93
T3-6C	A 04941	3/8 x 3/8 x 3/8	25	0.140	5.98
T3-8C	A 04778	1/2 x 3/8 x 1/2	15	0.182	11.51

TEE - THREE WAY

Internal Branch Flare to Flare to Flare



Unv. No.	Item No.	Size	Box	Wt.	List
T6-4	A 06330	1/4 x 1/4 x 1/4	25	0.085	4.00

TEE - THREE WAY REDUCING

Flare to Flare to NPTFE



Unv. No.	Item No.	Size	Box	Wt.	List
TR2-68	A 04547	3/8 x 3/8 x 1/2	15	0.194	13.24
TR2-86	A 04559	1/2 x 1/2 x 3/8	15	0.191	13.24

CONNECTOR - HALF UNION

Flare to NPTFI



Unv. No.	Item No.	Size	Box	Wt.	List
U3-4A	A 04622	1/4 x 1/8	25	0.042	1.05
U3-4B	A 04625	1/4 x 1/4	25	0.065	1.47
U3-4C	A 04961	1/4 x 3/8	15	0.081	3.57
U3-6A	A 04927	3/8 x 1/8	10	0.103	3.57
U3-6B	A 04624	3/8 x 1/4	25	0.083	3.57
U3-6C	A 04627	3/8 x 3/8	15	0.100	3.57
U3-6D	A 08104	3/8 x 1/2	15	0.163	4.57
U3-8B	A 04928	1/2 x 1/4	15	0.112	5.57
U3-8C	A 04727	1/2 x 3/8	15	0.119	5.57
U3-8D	A 04728	1/2 x 1/2	15	0.181	5.57
U3-10C	A 04929	5/8 x 3/8	10	0.160	5.57
U3-10D	A 04819	5/8 x 1/2	10	0.267	5.57
U3-10E	A 04977	5/8 x 3/4	10	0.286	7.15

CONNECTOR - HALF UNION

Flare to NPTFE



Unv. No.	Item No.	Size	Box	Wt.	List
U1-3A	A 01117	3/16 x 1/8	15	0.025	1.90
U1-4A	A 00330	1/4 x 1/8	25	0.030	1.33
U1-4B	A 04585	1/4 x 1/4	25	0.047	1.41
U1-4C	A 01197	1/4 x 3/8	25	0.071	1.66
U1-4D	A 04628	1/4 x 1/2	25	0.114	2.95
U1-5A	A 00331	5/16 x 1/8	25	0.040	4.91
U1-5B	A 05036	5/16 x 1/4	25	0.055	4.91
U1-5C	A 01198	5/16 x 3/8	25	0.075	4.91
U1-6A	A 05003	3/8 x 1/8	25	0.065	1.68
U1-6B	A 00332	3/8 x 1/4	25	0.075	1.68
U1-6C	A 01199	3/8 x 3/8	25	0.090	1.68
U1-6D	A 04993	3/8 x 1/2	25	0.135	3.15
U1-8A	A 05034	1/2 x 1/8	10	0.094	3.15
U1-8B	A 04439	1/2 x 1/4	10	0.108	3.20
U1-8C	A 00334	1/2 x 3/8	10	0.119	3.15
U1-8D	A 04780	1/2 x 1/2	10	0.155	3.15
U1-8E	A 05066	1/2 x 3/4	10	0.228	5.25
U1-10B	A 05035	5/8 x 1/4	10	0.155	5.25
U1-10C	A 01195	5/8 x 3/8	10	0.168	5.25
U1-10D	A 04540	5/8 x 1/2	10	0.189	5.25
U1-10E	A 04827	5/8 x 3/4	5	0.250	5.25
U1-12C	A 05005	3/4 x 3/8	10	0.265	7.88
U1-12D	A 04739	3/4 x 1/2	5	0.286	7.88
U1-12E	A 04740	3/4 x 3/4	5	0.316	7.88

CONNECTOR - UNION

Flare to Flare



Unv. No.	Item No.	Size	Box	Wt.	List
U2-4	A 00325	1/4	25	0.026	1.63
U2-5	A 00326	5/16	25	0.050	3.15
U2-6	A 00327	3/8	25	0.092	1.63
U2-8	A 00329	1/2	15	0.141	2.31
U2-10	A 04845	5/8	10	0.215	3.36
U2-12	A 04733	3/4	10	0.368	8.30

CONNECTOR - UNION

Internal Flare



Unv. No.	Item No.	Size	Box	Wt.	List
U4-4	A 00385	1/4	10	0.065	3.36
U4-6	A 00386	3/8	10	0.118	7.03
U4-8	A 00387	1/2	10	0.175	7.03

CONNECTOR - REDUCING UNION

Flare to Flare



Unv. No.	Item No.	Size	Box	Wt.	List
UR2-43	A 05270	1/4 x 3/16	15	0.030	3.78
UR2-54	A 08730	5/16 x 1/4	10	0.046	4.47
UR2-64	A 01171	3/8 x 1/4	15	0.072	2.00
UR2-65	A 04981	3/8 x 5/16	10	0.078	4.47
UR2-84	A 00356	1/2 x 1/4	15	0.100	3.78
UR2-86	A 00149	1/2 x 3/8	25	0.127	3.78
UR2-106	A 05334	5/8 x 3/8	10	0.175	5.05
UR2-108	A 04846	5/8 x 1/2	15	0.192	5.05
UR2-128	A 04734	3/4 x 1/2	10	0.290	7.88
UR2-1210	A 04784	3/4 x 5/8	10	0.332	7.88

CONNECTOR

Internal Flare to External Flare



Unv. No.	Item No.	Size	Box	Wt.	List
UR3-43	A 05147	1/4 x 3/16	10	0.047	8.20
UR3-46	A 05041	1/4 x 3/8	15	0.070	2.63
UR3-48	A 08127	1/4 x 1/2	10	0.112	4.20
UR3-64	A 00479	3/8 x 1/4	15	0.078	2.31
UR3-68	A 04888	3/8 x 1/2	15	0.120	6.62
UR3-84	A 00480	1/2 x 1/4	15	0.107	3.31
UR3-86	A 00481	1/2 x 3/8	15	0.120	3.31
UR3-810	A 04879	1/2 x 5/8	10	0.169	3.68
UR3-108	A 04770	5/8 x 1/2	10	0.180	6.73
UR3-1012	A 04878	5/8 x 3/4	10	0.265	6.73
UR3-1210	A 04826	3/4 x 5/8	10	0.241	6.73

CONNECTOR - HALF UNION

External Flare to Solder



Unv. No.	Item No.	Size	Box	Wt.	List
US3-44	A 03431	1/4 x 1/4	25	0.025	1.05
US3-45	A 03466	1/4 x 5/16	25	0.023	2.26
US3-46	A 03494	1/4 x 3/8	25	0.029	4.57
US3-64	A 03443	3/8 x 1/4	25	0.070	2.26
US3-65	A 03464	3/8 x 5/16	25	0.061	4.57
US3-66	A 03492	3/8 x 3/8	25	0.063	1.84
US3-68	A 03547	3/8 x 1/2	10	0.062	4.20
US3-610	A 06601	3/8 x 5/8	10	0.075	5.15
US3-86	A 03504	1/2 x 3/8	25	0.112	4.93
US3-88	A 03546	1/2 x 1/2	15	0.096	4.20
US3-810	A 02259	1/2 x 5/8	10	0.100	5.15
US3-108	A 03519	5/8 x 1/2	10	0.160	5.15
US3-1010	A 02258	5/8 x 5/8	10	0.155	5.15
US3-1012	A 02272	5/8 x 3/4	10	0.150	12.08
US3-1014	A 02378	5/8 x 7/8	10	0.166	5.41
US3-1212	A 05307	3/4 x 3/4	5	0.246	4.93
US3-1214	A 05425	3/4 x 7/8	5	0.249	5.41

CONNECTOR - UNION

Internal Flare Swivel



Unv. No.	Item No.	Size	Box	Wt.	List
US4-4	A 13563	1/4	15	0.080	5.10
US4-5	A 13564	5/16	15	0.085	5.73
US4-6	A 13565	3/8	15	0.121	5.73
US4-8	A 13567	1/2	15	0.099	5.73
US4-10	A 13568	5/8	15	0.141	7.20

CONNECTOR

Internal Flare to Extension Solder



Unv. No.	Item No.	Size	Box	Wt.	List
US5-44	A 15725	1/4	25	0.042	2.10
US5-66	A 15726	3/8	25	0.060	4.20
US5-88	A 15727	1/2	20	0.104	4.73
US5-1010	A 15728	5/8	10	0.160	4.88
US5-1212	A 15729	3/4	10	0.318	8.93

FLANGE - 2 BOLT-HOLE

Serrated Gasket Surface



Unv. No.

SOLDER JOINT PRESSURE WROT & CAST FITTINGS

PLUG

Fitting, FTG



Unv. No.	Item No.	Size	Box	Wt.	List
WC-416	A 01392	3/8	50	0.020	7.78
WC-416	A 01529	3/4	50	0.070	6.28
WC-416	A 01590	1 1/4	180	0.195	20.34

BUSHING

Flush, FTG x F



Unv. No.	Item No.	Size	Box	Wt.	List
WC-417	A 07812NL	1/2 X 1/8	100	0.040	12.42
WC-417	A 07813NL	1/2 X 1/4	50	0.020	13.05
WC-417	A 07814	3/4 x 3/8	50	0.080	13.39
WC-417	A 07815NL	1 X 1/2	50	0.170	45.98
WC-417	A 07817	1 1/2 x 1	10	0.340	36.62
WC-417	A 07819	2 x 1 1/2	10	0.480	40.17

ADAPTER

Male, C x M



Unv. No.	Item No.	Size	Box	Wt.	List
WC-401	W 01109	5/16 x 3/8	50	0.070	21.89
WC-401	W 01110	5/16 x 1/4	50	0.030	17.92

90° ELBOW

Forged Brass, C x F



Unv. No.	Item No.	Size	Box	Wt.	List
WE-502	W 02206	1/8 X 1/4	50	0.100	16.12
WE-502	W 02207	1/8 X 1/8	50	0.070	16.12
WE-502	W 02225	3/8 X 3/8	25	0.120	16.12
WE-502	W 02226	3/8 X 1/4	25	0.100	13.65

90° ELBOW

Forged Brass, C x M



Unv. No.	Item No.	Size	Box	Wt.	List
WE-501	W 02125	3/8 X 3/8	25	0.100	16.33
WE-501	W 02132	1/2 X 3/8	10	0.160	13.29

TEE

Forged Brass, C x C x F



Unv. No.	Item No.	Size	Box	Wt.	List
WT-602	W 04208	1/4 x 1/4 x 1/4	50	0.200	31.42
WT-602	W 04209	1/8 X 1/8 X 1/8	50	0.040	29.02
WT-602	W 04228	1/4 X 1/4 X 3/8	25	0.150	41.77
WT-602	W 04229	1/4 X 1/4 X 1/4	25	0.100	31.42
WT-602	W 04259	3/8 X 3/8 X 3/8	10	0.150	45.32
WT-602	W 04283	1/2 X 1/2 X 1/2	10	0.330	53.05