



**2 x 2 x 1/2 in. 90/10 Copper Nickel Tee.  
 400 lb Rating, Socket weld Connection,  
 Reducing 803-6397430**

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<u>Item No.</u>	M119996	<u>UOM</u>	EA
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**Specifications**

Type	Tee
Item Remarks	Reducing
Size	2 x 2 x 1/2 in.
Material	Copper Nickel
Material Grade	90/10 Copper Nickel
Pressure Class	400 lb
Connection	Socket weld
Specification	
NAVSEA Dwg.	803-6397430
Market	Navy

Product URL: <https://torksystems.com/M119996>



### Copper Nickel (CuNi) Class 400 Socket Weld Reducing Tees (803-6397430)

LARGEST END SIZE	A CENTER-TO-END	B CENTER-TO-BOTTOM OF SOCKET (MAX)	C SOCKET DEPTH (MIN)
3/8	.82 ±.05	0.557	0.313
1/2	1.01 ±.06	0.695	0.375
3/4	1.18 ±.06	0.834	0.406
1	1.43 ±.07	1.062	0.438
1 1/4	1.69 ±.07	1.260	0.500
1 1/2	1.84 ±.08	1.295	0.625
2	2.12 ±.08	1.544	0.656
2 1/2	2.7 ±.1	2.019	0.781

THE CENTER-TO-END, CENTER-TO-BOTTOM OF SOCKET, AND SOCKET DEPTH DIMENSIONS OF THE LARGEST END SIZE WILL BE USED ON ALL ENDS OF THE CASTING.



### FFW SOCKET WELD REDUCING TEE

6821- FFW X FFW X FFW  
6823- FFW X FFW X FPT

SIZE CODE	SIZE	WGT	SIZE CODE	SIZE	WGT	SIZE CODE	SIZE	WGT	SIZE CODE	SIZE	WGT	SIZE CODE	SIZE	WGT
054	3/8X1/4X1/4	0.287	169	1X3/8X3/4	0.853	233	1-1/4X1X3/4	1.338	347	2X1/2X1	2.226	405	2-1/2X3/4X3/4	3.854
055	3/8X1/4X3/8	0.270	170	1X3/8X1	0.811	234	1-1/4X1X1	1.502	348	2X1/2X1-1/4	2.749	411	2-1/2X3/4X1	3.803
059	3/8X3/8X1/4	0.270	176	1X1/2X1/4	0.743	235	1-1/4X1X1-1/4	1.426	349	2X1/2X1-1/2	2.697	412	2-1/2X3/4X1-1/4	3.665
078	1/2X1/4X1/4	0.374	177	1X1/2X3/8	0.738	246	1-1/4X1-1/4X3/8	1.295	350	2X1/2X2	2.523	413	2-1/2X3/4X1-1/2	4.597
079	1/2X1/4X3/8	0.369	178	1X1/2X1/2	0.720	247	1-1/4X1-1/4X1/2	1.285	355	2X3/4X1/2	2.298	414	2-1/2X3/4X2	4.460
080	1/2X1/4X1/2	0.384	179	1X1/2X3/4	0.836	248	1-1/4X1-1/4X3/4	1.255	356	2X3/4X3/4	2.273	415	2-1/2X3/4X2-1/2	4.072
088	1/2X3/8X1/4	0.369	180	1X1/2X1	0.793	249	1-1/4X1-1/4X1	1.426	357	2X3/4X1	2.201	416	2-1/2X1X1	3.752
089	1/2X3/8X3/8	0.364	186	1X3/4X1/4	0.906	261	1-1/2X1/2X1/2	1.490	358	2X3/4X1-1/4	2.726	417	2-1/2X1X1-1/4	3.614
090	1/2X3/8X1/2	0.379	187	1X3/4X3/8	0.901	262	1-1/2X1/2X3/4	1.467	359	2X3/4X1-1/2	2.674	418	2-1/2X1X1-1/2	4.546
098	1/2X1/2X1/4	0.393	188	1X3/4X1/2	0.883	263	1-1/2X1/2X1	1.404	360	2X3/4X2	2.500	419	2-1/2X1X2	4.409
099	1/2X1/2X3/8	0.388	189	1X3/4X3/4	0.984	264	1-1/2X1/2X1-1/4	1.841	365	2X1X1/2	2.226	420	2-1/2X1X2-1/2	4.021
117	3/4X1/4X1/4	0.491	190	1X3/4X1	0.938	265	1-1/2X1/2X1-1/2	1.778	366	2X1X3/4	2.201	421	2-1/2X1-1/4X1	3.615
118	3/4X1/4X3/8	0.484	196	1X1X1/4	0.847	266	1-1/2X3/4X1/2	1.467	367	2X1X1	2.130	422	2-1/2X1-1/4X1-1/4	3.477
119	3/4X1/4X1/2	0.597	197	1X1X3/8	0.842	267	1-1/2X3/4X3/4	1.445	368	2X1X1-1/4	2.664	423	2-1/2X1-1/4X1-1/2	4.408
120	3/4X1/4X3/4	0.576	198	1X1X1/2	0.824	268	1-1/2X3/4X1	1.382	369	2X1X1-1/2	2.612	424	2-1/2X1-1/4X2	4.271
127	3/4X3/8X1/4	0.484	199	1X1X3/4	0.938	269	1-1/2X3/4X1-1/4	1.752	370	2X1X2	2.438	425	2-1/2X1-1/4X2-1/2	3.883
128	3/4X3/8X3/8	0.477	211	1-1/4X3/8X3/8	1.183	270	1-1/2X3/4X1-1/2	1.690	375	2X1-1/4X1/2	3.005	426	2-1/2X1-1/2X1	4.968
129	3/4X3/8X1/2	0.593	212	1-1/4X3/8X1/2	1.171	276	1-1/2X1X1/2	1.407	376	2X1-1/4X3/4	2.982	427	2-1/2X1-1/2X1-1/4	4.830
130	3/4X3/8X3/4	0.572	213	1-1/4X3/8X3/4	1.137	277	1-1/2X1X3/4	1.385	377	2X1-1/4X1	2.920	428	2-1/2X1-1/2X1-1/2	5.726
137	3/4X1/2X1/4	0.598	214	1-1/4X3/8X1	1.313	278	1-1/2X1X1	1.321	378	2X1-1/4X1-1/4	3.077	429	2-1/2X1-1/2X2	5.568
138	3/4X1/2X3/8	0.595	215	1-1/4X3/8X1-1/4	1.238	279	1-1/2X1X1-1/4	1.609	379	2X1-1/4X1-1/2	2.993	430	2-1/2X1-1/2X2-1/2	5.090
139	3/4X1/2X1/2	0.577	216	1-1/4X1/2X1/2	1.160	280	1-1/2X1X1-1/2	1.546	380	2X1-1/4X2	2.681	431	2-1/2X1-1/2X3/4	5.019
140	3/4X1/2X3/4	0.556	217	1-1/4X1/2X3/4	1.125	286	1-1/2X1-1/4X1/2	1.901	385	2X1-1/2X1/2	2.944	435	2-1/2X2X3/4	4.837
147	3/4X3/4X1/4	0.579	218	1-1/4X1/2X1	1.302	287	1-1/2X1-1/4X3/4	1.858	386	2X1-1/2X3/4	2.921	436	2-1/2X2X1	4.786
148	3/4X3/4X3/8	0.576	219	1-1/4X1/2X1-1/4	1.227	288	1-1/2X1-1/4X1	1.840	387	2X1-1/2X1	2.859	437	2-1/2X2X1-1/4	4.648
149	3/4X3/4X1/2	0.562	220	1-1/4X1/2X3/8	1.171	289	1-1/2X1-1/4X1-1/4	1.861	388	2X1-1/2X1-1/4	3.016	438	2-1/2X2X1-1/2	5.568
161	1X1/4X1/4	0.766	221	1-1/4X3/4X3/8	1.137	290	1-1/2X1-1/4X1-1/2	1.792	389	2X1-1/2X1-1/2	2.932	439	2-1/2X2X2	5.410
162	1X1/4X3/8	0.761	222	1-1/4X3/4X1/2	1.126	296	1-1/2X1-1/2X1/2	1.823	390	2X1-1/2X2	2.597	440	2-1/2X2X2-1/2	4.932
163	1X1/4X1/2	0.743	223	1-1/4X3/4X3/4	1.091	297	1-1/2X1-1/2X3/4	1.780	395	2X2X1/2	2.698	445	2-1/2X2-1/2X3/4	4.326
164	1X1/4X3/4	0.859	224	1-1/4X3/4X1	1.273	298	1-1/2X1-1/2X1	1.762	396	2X2X3/4	2.675	446	2-1/2X2-1/2X1	4.275
165	1X1/4X1	0.816	225	1-1/4X3/4X1-1/4	1.197	299	1-1/2X1-1/2X1-1/4	1.792	397	2X2X1	2.613	447	2-1/2X2-1/2X1-1/4	4.137
167	1X3/8X3/8	0.755	231	1-1/4X1X3/8	1.379	345	2X1/2X1/2	2.323	398	2X2X1-1/4	2.770	448	2-1/2X2-1/2X1-1/2	5.090
168	1X3/8X1/2	0.737	232	1-1/4X1X1/2	1.368	346	2X1/2X3/4	2.298	399	2X2X1-1/2	2.686	449	2-1/2X2-1/2X2	4.932