# 1-1/2 x 3/4 in. 90/10 Copper Nickel Coupling. 400 lb Rating, Socket weld Connection, Reducing 803-6397430

| Item No. | M120130 | UOM | EA |
|---|---|---|---|

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## Specifications

| | |
|---|---|
| Type | Coupling |
| Item Remarks | Reducing |
| Size | 1-1/2 x 3/4 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/M120130

(510) 891-9675
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# COUPLING

## SOCKET WELD

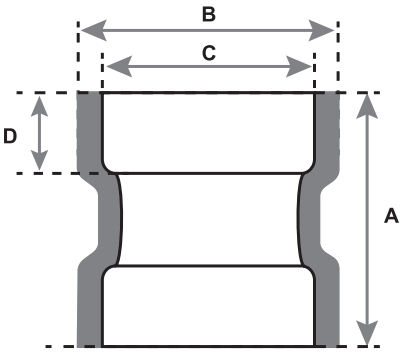
**SPECIFICATION: NAVSEA DWG 803-6397430**

**PRESSURE RATING: 400 PSIG (WOG)**

INTENDED FOR USE WITH CLASS 200 OR 700
COPPER NICKEL TUBE IAW MIL-T-16420

| SERVICE RATING TABLE | | | | |
|---|---|---|---|---|
| **Nominal Pipe Size (INCHES)** | Maximum Working Pressure ($LB/IN^2$) | Maximum Temperature (F°) | Maximum Working Pressure ($LB/IN^2$) | Maximum Temperature (F°) |
| **1/4 through 6** | 200 | 425 | 400 | 150 |
| **Above 6** | 150 | 425 | 250 | 150 |

70/30 CUNI
(ALLOY C715/C964)



90/10 CUNI
(ALLOY C706/C962)

| AVAILABLE ALLOYS: CUNI 90/10 & CUNI 70/30 | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **NOMINAL PIPE SIZE** | **1/4** | **3/8** | **1/2** | **3/4** | **1** | **1 1/4** | **1 1/2** | **2** | **2 1/2** | **3** | **3 1/2** | **4** |
| A | .97 +/- .08 | 1.05 +/- .100 | 1.29 +/- .120 | 1.43 +/- .120 | 1.68 +/- .140 | 1.86 +/- .140 | 1.92 +/- .160 | 2.2 +/- .160 | 2.88 +/- .200 | 3.18 +/- .200 | 3.43 +/- .200 | 3.69 +/- .240 |
| B | 0.945 | 1.096 | 1.275 | 1.503 | 1.780 | 2.129 | 2.387 | 2.908 | 3.408 | 4.041 | 4.541 | 5.097 |
| C | .545 (+/- .030) | .680 (+/- .030) | .845 (+/- .030) | 1.055 (+/- .030)) | 1.320 (+/-.030) | 1.665 (+/- .030) | 1.905 (+/- .030) | 2.380 (+/- .046) | 2.880 (+/- .051) | 3.505 (+/- .055) | 4.005 (+/- .055) | 4.505 (+/- .060) |
| D | 25/94 | 5/16 | 3/8 | 13/32 | 7/16 | 1/2 | 5/8 | 23/35 | 25/32 | 77/93 | 7/8 | 29/32 |

NOTES: Fittings may be ordered with reduced ends and/or female threads
All sizes are in inches.