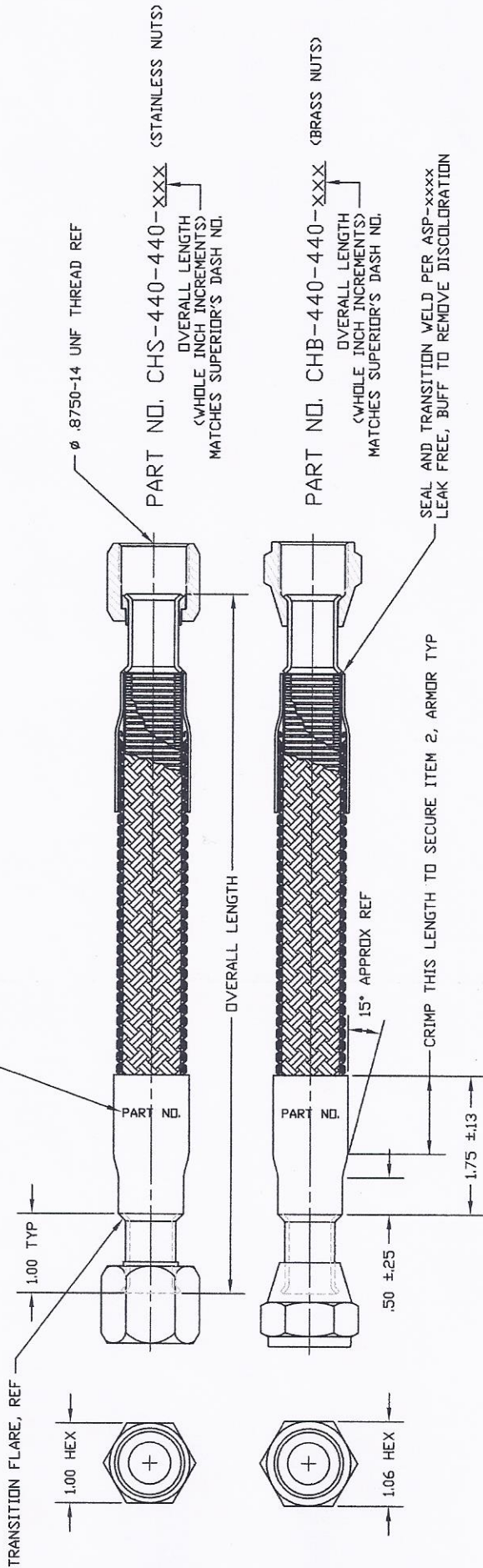


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REVISIONS		DATE	APPROVAL
LTR	DESCRIPTION		
A	RELEASE FOR PRODUCTION	01-17-13	JD
B	MOVE LOCATION OF MARKING	03-05-13	GF



PART NUMBER CROSS REFERENCE

SUPERIOR PART NUMBER	MACRO TECH PART NUMBER	HOSE DESCRIPTION
CHS-440-440-xxx	13790-1-xxx	CGA 440 TO CGA 440 WITH STAINLESS NUTS
CHB-440-440-xxx	13790-2-xxx	CGA 440 TO CGA 440 WITH BRASS NUTS

REFERENCE ONLY

- GENERAL ASSEMBLY NOTES:**
- IDENTIFICATION MARKINGS AS FOLLOWS:
a. "MACRO TECH" AND THE ORDER PART NUMBER
b. ASSEMBLY DATE CODE
c. MAXIMUM WORKING PRESSURE
d. ADDITIONAL MARKINGS TO BE WORK ORDER SPECIFIED
 - ASSEMBLE ITEM 1, 2, & 3 AS SHOWN. SEAL WELD HOSE, BRAID & SLEEVE. WELD TUBE ASSEMBLY COMPLETE AS SHOWN. CRIMP SLEEVE TO ϕ .990 \pm .020, AS SHOWN
 - BUFF WELDS AS REQUIRED TO REMOVE DISCOLORATION. DO NOT BUFF PART NUMBERS OFF, THEY MUST REMAIN READABLE AND CLEAR
 - HYDROSTATIC TEST AT 1650 PSIG - NO LEAKAGE ALLOWED IN 1 MINUTES
 - CLEAN ASSEMBLY FOR OXYGEN SERVICE PER CGA G-41
 - PACKAGE IN A SEALED POLY BAG IDENTIFIED WITH 'MACRO TECH' AND THE ORDER PART NUMBER PER W.D. REQUIREMENTS
- GENERAL PERFORMANCE NOTES:**
- HOSE SPECIFICATIONS @ 70° F:
a. WORKING PRESSURE: 1100 PSIG MAX
b. TEST PRESSURE: 1650 PSIG MAX
c. NOMINAL BURST: 4400 PSIG
d. MIN. CENTERLINE BEND RAD: STATIC = 3.00', DYNAMIC = 5.00'
e. WORKING TEMPERATURE RANGE: -350° TO +1500° F.
 - THE HOSE IS ISO 10380 QUALIFIED
 - OVERALL LENGTH TO BE BETWEEN 12 AND 360 INCHES

QUANTITY REQ'D	BSC I	FSQM NO.	PART NUMBER	PART DESCRIPTION	MATERIAL / FINISH SPECIFICATION	ITEM
-2	-1			PARTS LIST		
<p>* UNLESS OTHERWISE SPECIFIED * ALL DIMENSIONS ARE IN INCHES AND ARE TO BE SHOWN TO 3 DECIMALS UNLESS OTHERWISE NOTED DIMENSIONS IN PARENTHESES ARE ANOMALOUS X.XX = ± .005, .XXX = ± .010 DIMENSIONS RELATIVE TO THE 20°-40° WELD BEHIND THE CRIMP TO BE 100 THRU 1000 AS SHOWN UNLESS OTHERWISE NOTED MATERIAL / SPEC</p> <p>DRILLED HOLE TO: 1/8" TO 1/4" = ± .005 - .010 1/4" TO 5/8" = ± .008 - .010 5/8" TO 1" = ± .008 - .010 1" TO 1.5" = ± .010 - .015 1.5" TO 2" = ± .015 - .020 NEXT ASSY PART NO. (QUAN)</p>						
<p>Macro Technologies LLC 12830 - 135th Ave N.E. • Kirkland, WA • 98034</p> <p>HOSE ASSEMBLY, CRYOGENIC, 1100 PSI SERVICE</p> <p>SIZE CODE: C 62529 SCALE: NONE ORDER NO.: S-13790 & DASH B SERIAL: 1 OF 1</p>						