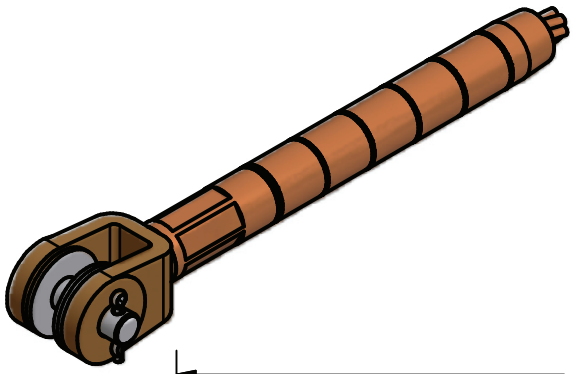
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ITEM NO

DWG NO
B-6827



MATERIAL
DEAD END CLEVIS
- ALUMINUM BRONZE
ASTM B30
COMPRESSION COPPER
SLEEVE
- DRAWN COPPER TUBE

CLEVIS PIN
-GALVANIZED STEEL
COTTER KEY
-STAINLESS STEEL

4.84 LBS

CABLE SIZE
COPPERWELD - COPPER WIRE - (.613 DIA)
4/0 TYPE "E"
7 CW WIRE STR - (.1225 DIA), 12 CU STR - (.1225 DIA)
BREAKING STRENGTH 20,730 LBS
OR
COPPERWELD WIRE - (.613 DIA)
5/8 [7 CU WIRE STR NO 4 - (.2043 DIA)]
BREAKING STRENGTH 22,300 LBS

LOADING
HIGH TENSION SPLICE WILL WITHSTAND WITHOUT DEFORMATION OR SLIPPAGE OF WIRE 20,000 LBS PULLING FORCE (95% OF BREAKING STRENGTH OF 4/0 TYPE "E" WIRE)
MODULUS OF COMPRESSIBILITY - .17
MIN ULTIMATE LOAD - 21,850 LBS
MAX WORKING LOAD - 8,740 LBS
SAFETY FACTOR - 2.5

LOCATION	CONTRACT NO	CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
3	RE-DRAWN IN INVENTOR	2-28-10	LK	EP

DRN BY: BB
DRN DATE: 2-14-06
CHK BY: BB
CHK DATE: 2-14-06

AFL DOSSERT®

SOCKET, FULL TENSION DEAD END

REV 3 | FTDEC613 | 1 OF 1