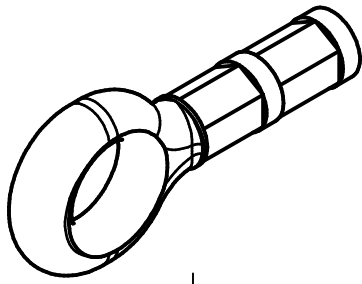


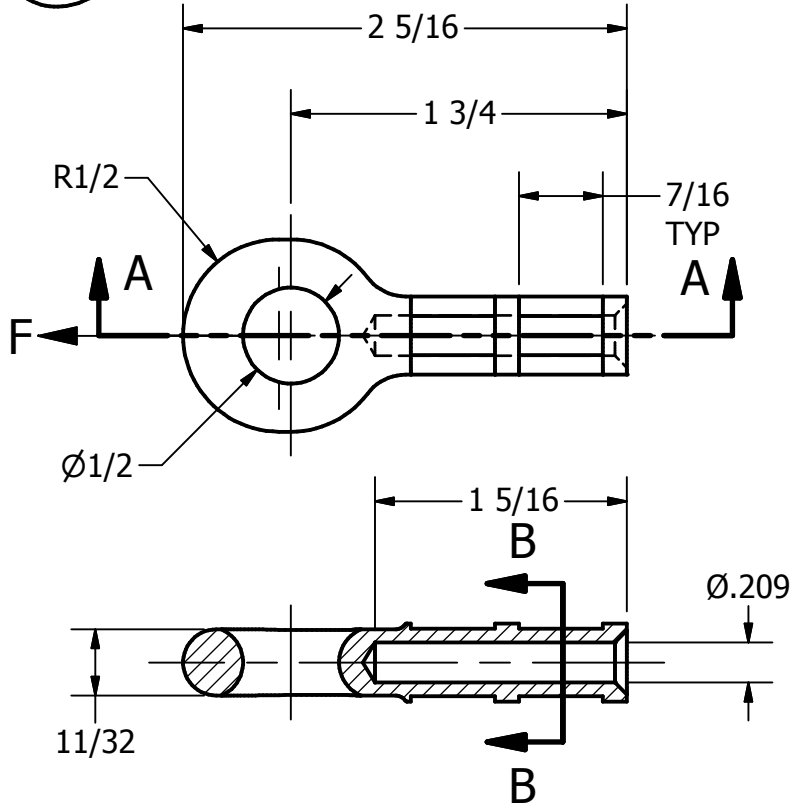
ITEM NO

DWG NO

B-7981



PART SHOWN IN ALL VIEWS
AFTER CRIMPING



SECTION A-A

SECTION B-B

MATERIAL:
PURE COPPER

CABLE SIZE
3/16 FLEXIBLE PHOSPHOR BRONZE GRADE "E"
ALLOY 30 7X19 STRAND .188 DIA.
#6 COPPER 37 STRAND .184 DIA

MIN ULTIMATE STRENGTH LOAD
F=350 LBS

0.086 LBS

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LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
4	RE-DRAWN IN INVENTOR	9-28-09	BH	EP

DRN BY:
ET
DRN DATE:
03-09-95
CHK BY:
RL
CHK DATE:
03-10-95

F AFL

DOSSERT®

EYE, DEAD END, HANGER CABLE

REV
4

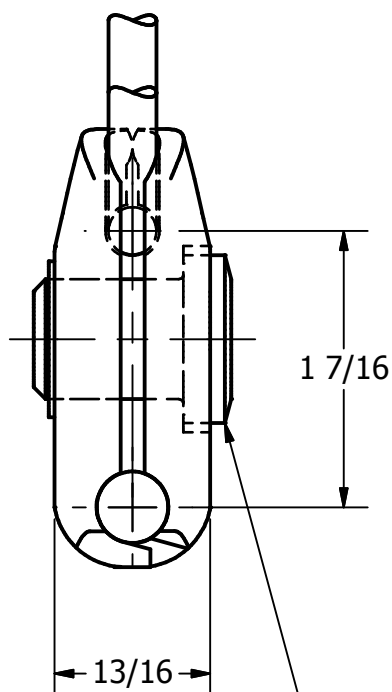
DEH18

1 OF 1

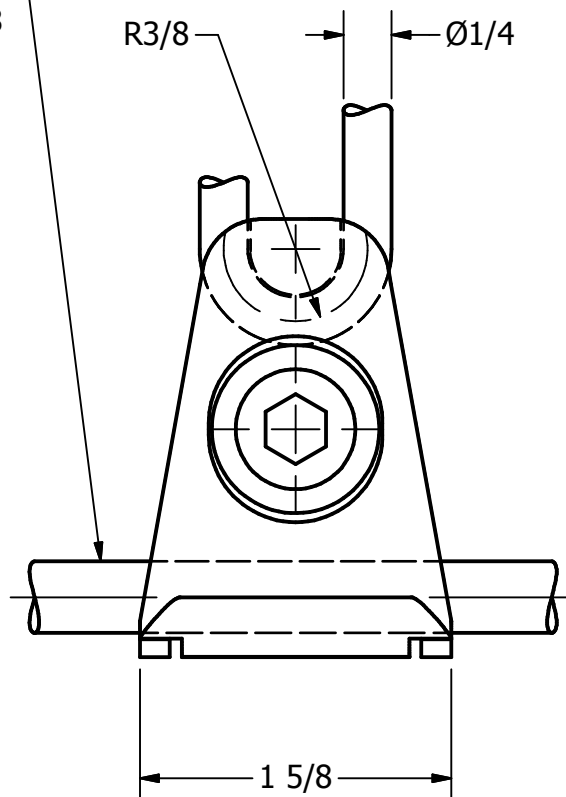
ITEM NO

DWG NO
D-5629

Ø3/8 (7x19 STR.) EXTRA FLEXIBLE
CORROSION RESISTING CABLE ST. STEEL 18-8



R3/8 Ø1/4



STUD, 5/8-18NF-2A, ST STL
(SCAT-63-SS)

MATERIAL

ALUMINUM BRONZE ASTM B30
TORQUE STUD 45 FT-LBS

0.41 LB

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
3	REDRAWN IN INVENTOR	4-13-10	NF	EP

DRN BY:
ES
DRN DATE:
3-13-81
CHK BY:
JS
CHK DATE:
3-16-81

FAFL**DOSSERT®**

CLAMP, HANGER, MW 3/8" STRANDED, 1/4" DIA ROD

REV
3

DMC38F-.25

1 OF 1

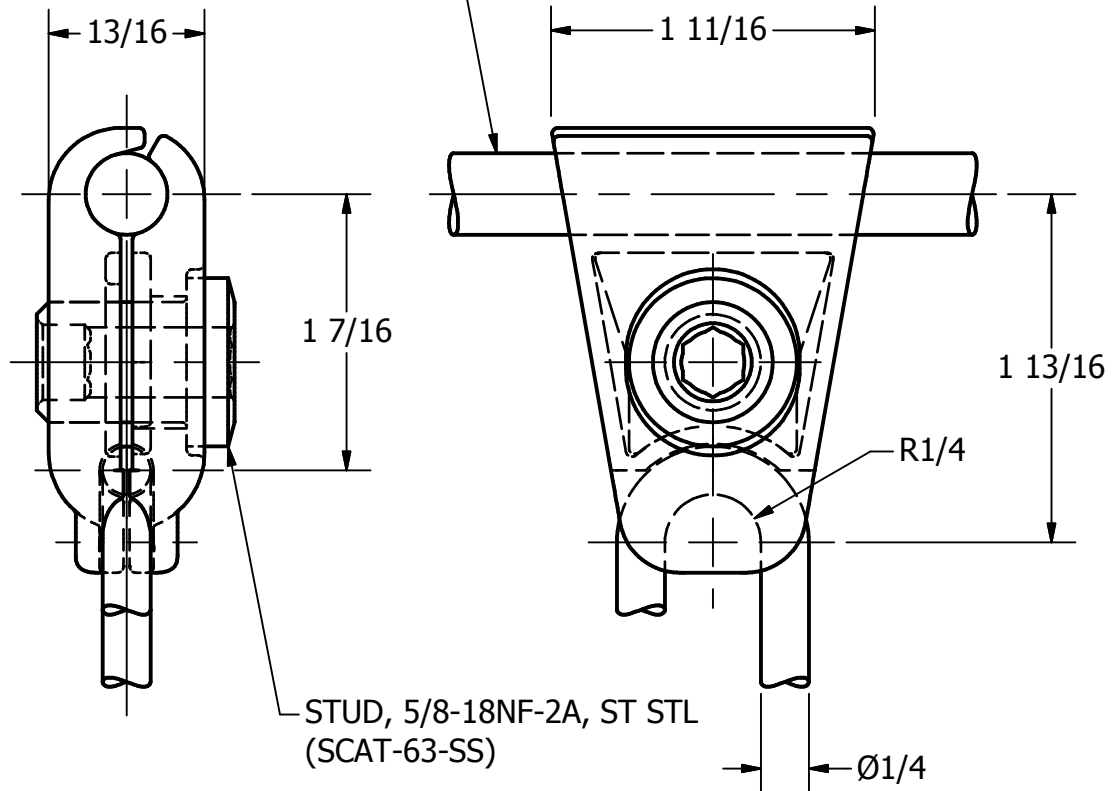
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ITEM NO

DWG NO

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2/0 OR 7/16 7 STR COPPER WIRE



STUD, 5/8-18NF-2A, ST STL
(SCAT-63-SS)

MATERIAL

ALUMINUM BRONZE

TORQUE STUD 45 FT-LBS

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR

DRN BY:
BH
DRN DATE:
10-7-09
CHK BY:

CHK DATE:

FAFL

DOSSERT®

CLAMP, HSM, 2/0 OR 7/16 7 STR MW

REV
0

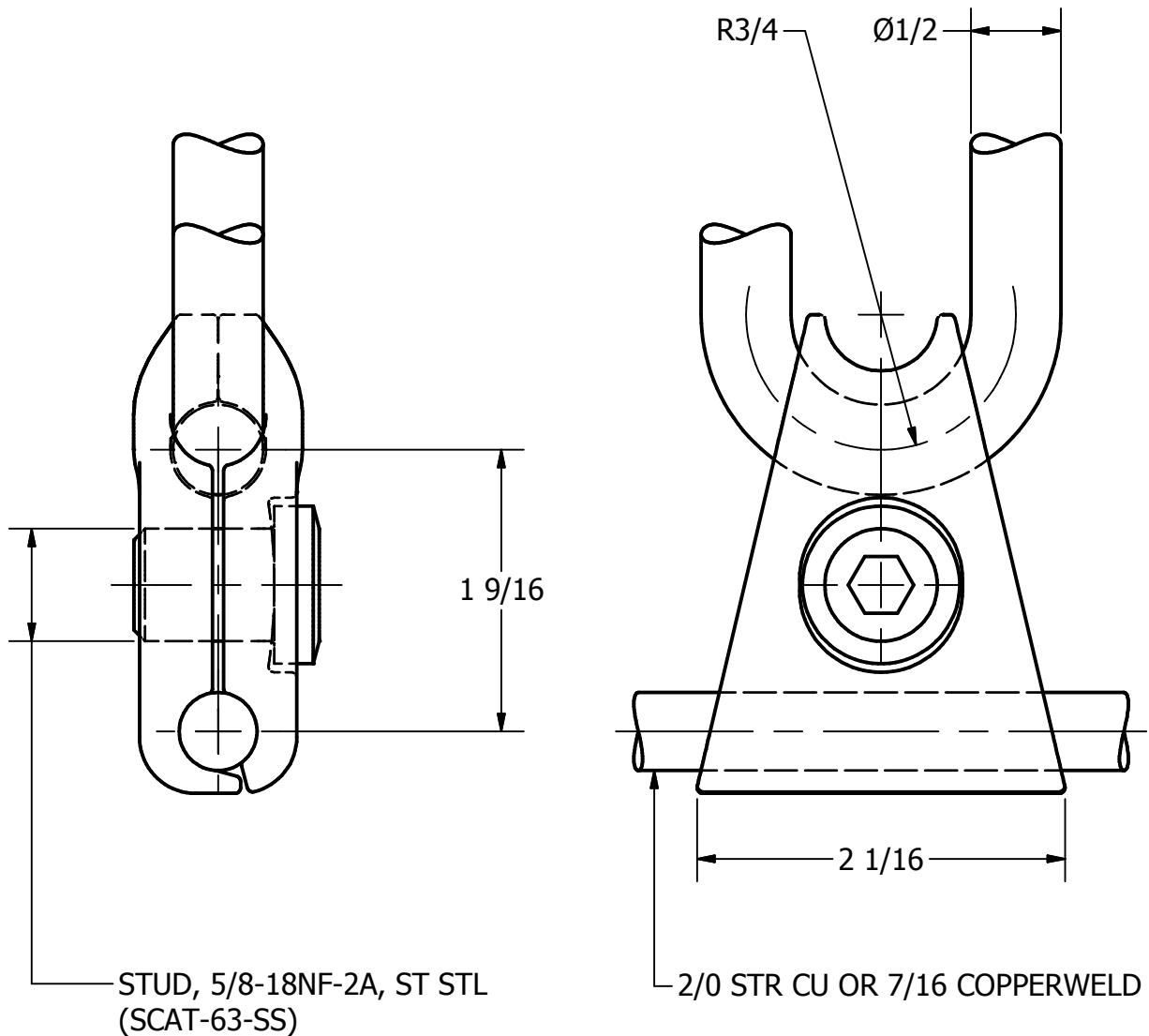
DMC13-.25

1 OF 1

ITEM NO

DWG NO
D-5285

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MATERIAL
ALUMINUM BRONZE ASTM 30
TORQUE STUD TO 45 FT-LBS

0.60 LB

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
4	REDRAWN IN INVENTOR	4-21-10	NF	EP

DRN BY:
ES
DRN DATE:
6-5-79
CHK BY:
JS
CHK DATE:
6-12-79

FAFL**DOSSERT®**

CLAMP, HANGER, MW 7/16 DIA, 1/2 DIA ROD

REV
4

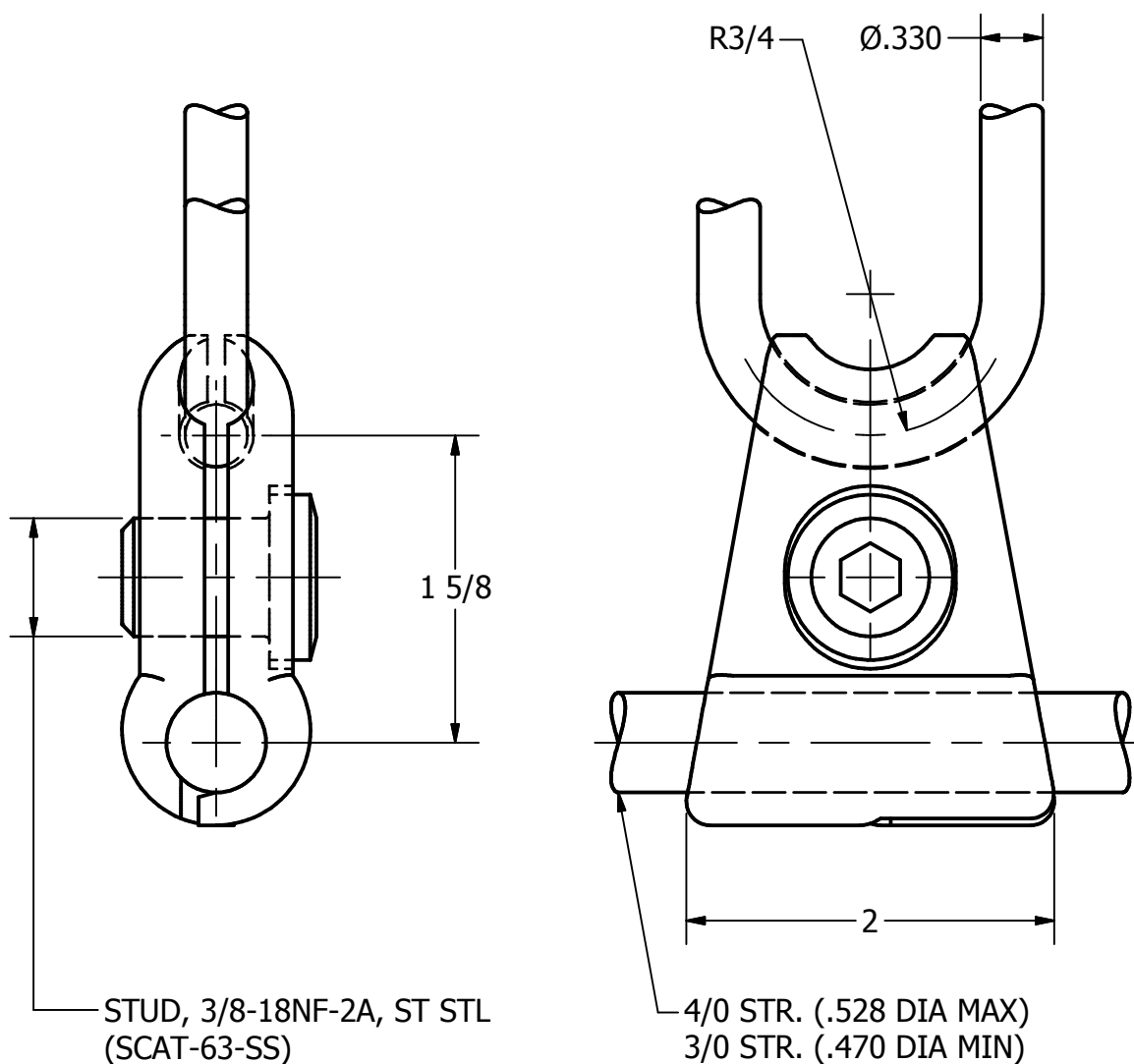
DMC13-1/2

1 OF 1

ITEM NO

DWG NO
D-7294

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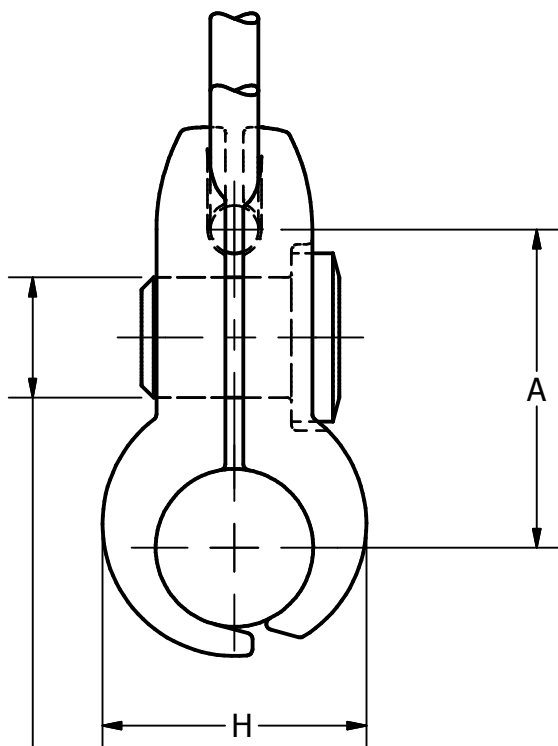
MATERIAL

ALUMINUM BRONZE ASTM B30
TORQUE STUD TO 45 FT-LBS

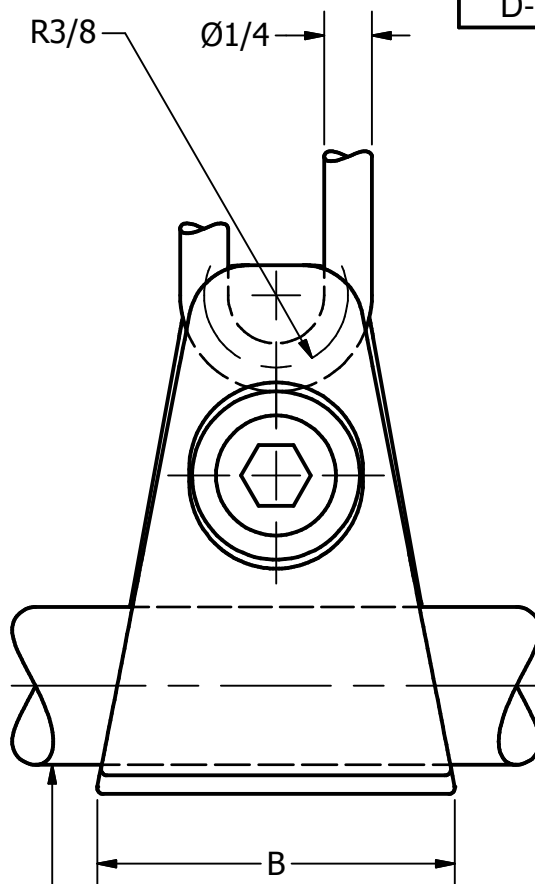
0.57 LB

LOCATION					CONTRACT NO		CUST / CONTR	
REVISIONS					DRN BY: BB DRN DATE: 10-14-93 CHK BY: JS CHK DATE: 10-14-93		FAFL DOSSERT®	
REV	DESCRIPTION	DATE	BY	APR				
3	REDRAWN IN INVENTOR	4-15-10	NF	EP				
							REV 3	DMC21-33

ITEM NO

DWG NO
D-4963

STUD, 5/8-18NF-2A, ST STL
(SCAT-63-SS)



MESSENGER CABLE

MATERIAL

ALUMINUM BRONZE ASTM B30
TORQUE STUD TO 45 FT-LBS

MESSENGER SIZE	CATALOG NO.	A	B	H
7/16 DIA OR 2/0 STR	DMC13-1/4	1 7/16	1 3/4	13/16
4/0 STR	DMC21-1/4	1 1/2	1 3/4	15/16
250 MCM	DMC25-1/4	1 17/32	1 3/4	1
500 MCM	DMC50-1/4	1 21/32	1 7/8	1 3/8
4/0 CU WELD (.613 DIA)	DMC613-1/4	1 9/16	1 3/4	1 3/16
750 MCM	DMC75-1/4	1 3/4	2	1 1/2
1000 MCM	DMC100-1/4	1 13/16	2 1/4	1 3/4

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
8	REDRAWN IN INVENTOR	4-21-10	NF	EP

DRN BY:
ES
DRN DATE:
9-20-77
CHK BY:
JS
CHK DATE:
9-22-77

FAFL**DOSSERT®**

CLAMP, HANGER, MW, 1/4 DIA ROD, SERIES

REV
8

DMC-1/4 SERIES

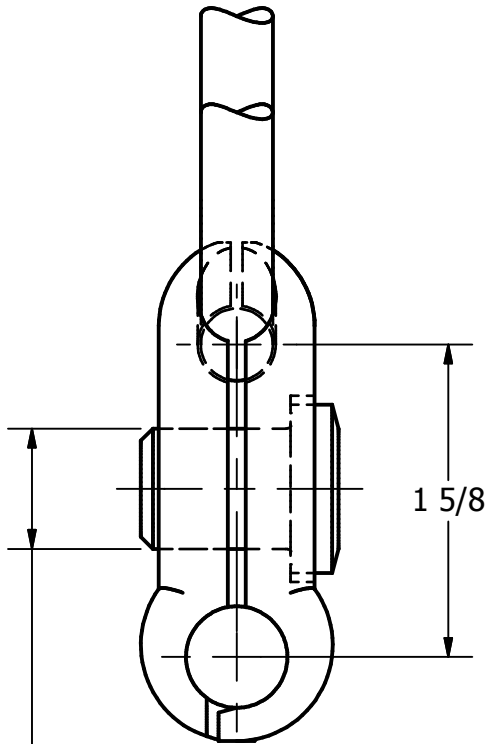
1 OF 1

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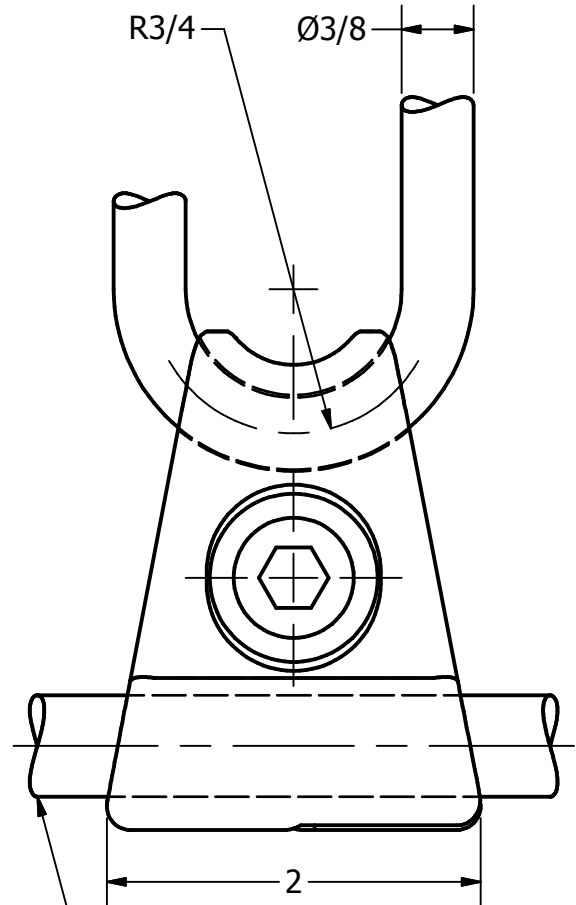
ITEM NO

DWG NO
D-4702

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STUD, 5/8-18NF-2A, ST STL
(SCAT-63-SS)



250MCM CU. CABLE

MATERIAL

ALUMINUM BRONZE ASTM B30
TORQUE STUD 45 FT-LBS

0.57 LB

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
3	REDRAWN IN INVENTOR	4-14-10	NF	EP

DRN BY:
ES
DRN DATE:
6-23-75
CHK BY:
JS
CHK DATE:
6-23-75

FAFL

DOSSERT®

CLAMP, HANGER, MW 250MCM, 3/8" DIA ROD

REV
3

DMC25-.375

1 OF 1

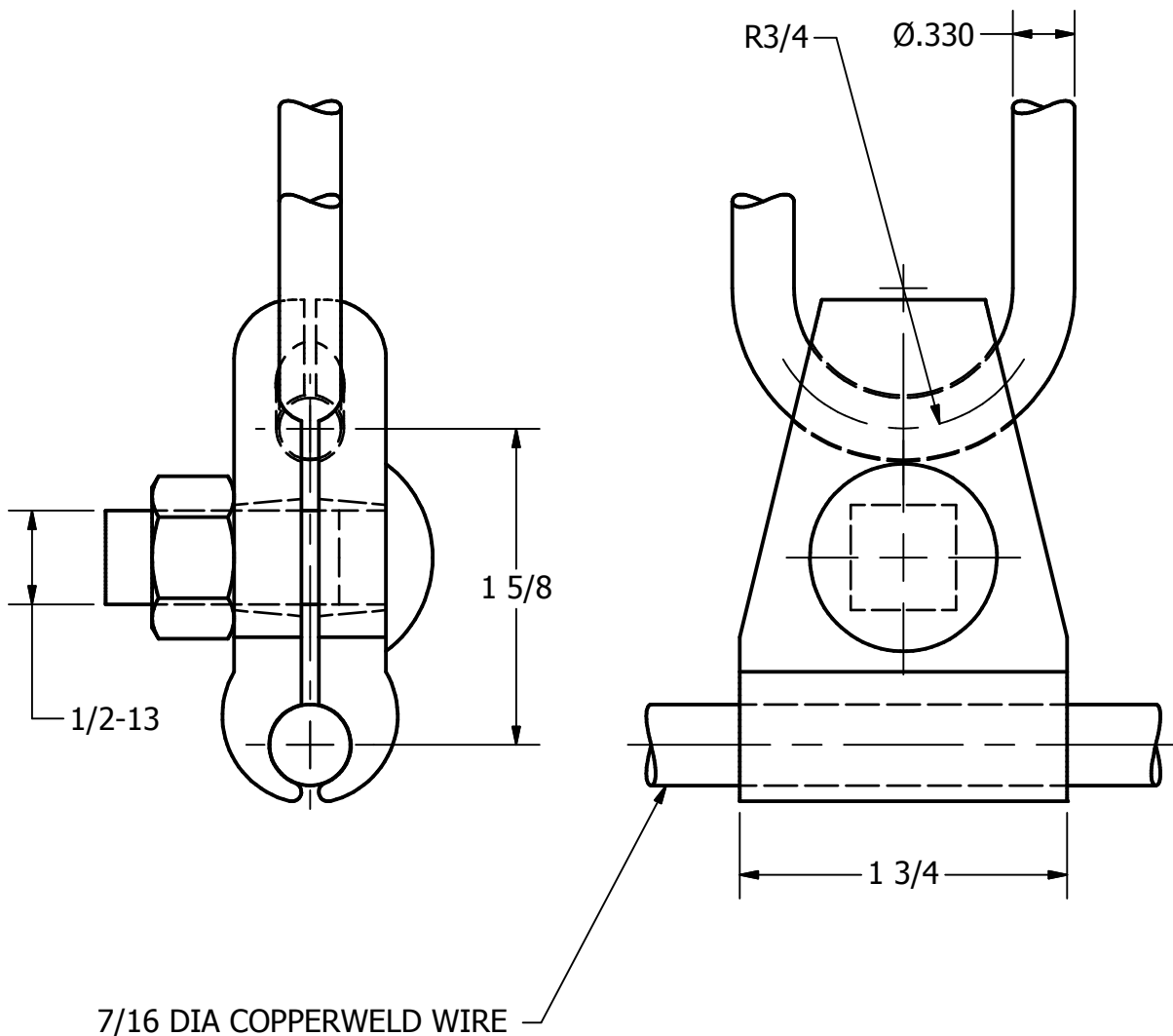
0.51 LB

LOCATION					CONTRACT NO		CUST / CONTR	
REVISIONS					DRN BY: CG DRN DATE: 5-11-87 CHK BY: JS CHK DATE: 5-14-87	</		

ITEM NO

DWG NO
D-8023

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MATERIAL

ALUMINUM BRONZE 954 ASTM B30
SILICON BRONZE CARRIAGE BOLT
AND NYLON INSERT LOCK NUT

0.78 LB

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
2	REDRAWN IN INVENTOR	4-15-10	NF	EP

DRN BY:
ET
DRN DATE:
4-26-04
CHK BY:

CHK DATE:

FAFL**DOSSERT®**

CLAMP, HANGER, MW 7/16 DIA, .330 DIA ROD,
CARRIAGE BOLT

REV
2

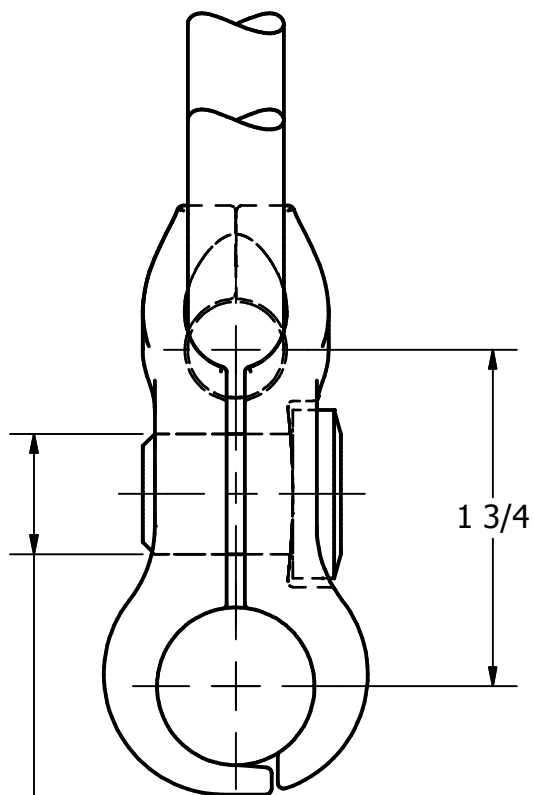
DMC43-33-LR

1 OF 1

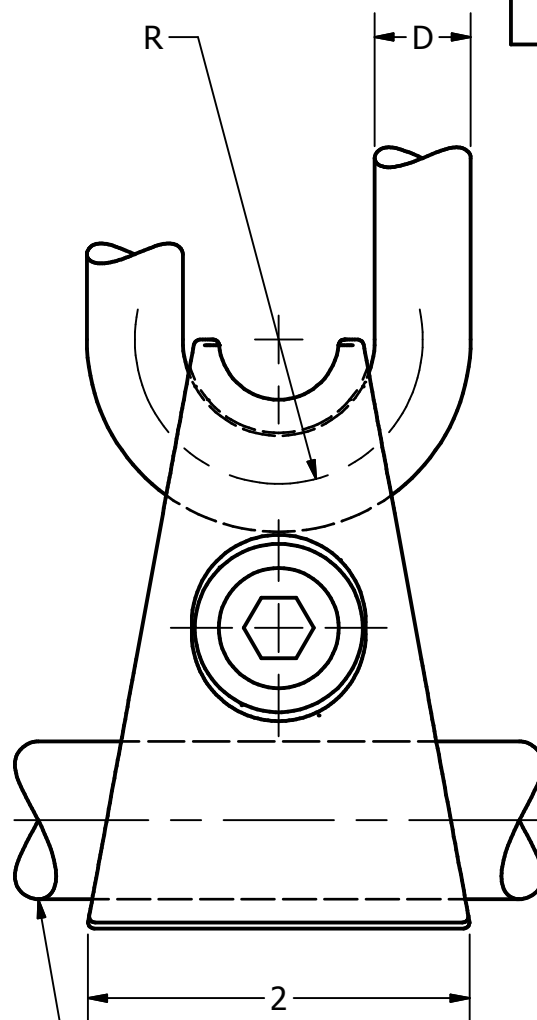
ITEM NO

DWG NO

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STUD, 5/8-18NF-2A, ST STL
(SCAT-63-SS)



.821 DIA CABLE

CATALOG #	D	R
DMC50-.25	1/4	3/8
DMC50-33	.330	1/2
DMC50-44	.440	7/16
DMC50-.5	1/2	3/4

MATERIAL
ALUMINUM BRONZE ASTM B30
TORQUE STUD 45 FT-LBS

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
4	REDRAWN IN INVENTOR	4-15-10	NF	EP

DRN BY:
ES
DRN DATE:
6-4-79
CHK BY:
JS
CHK DATE:
6-12-79

F AFL

DOSSERT®

CLAMP, HANGER, MW .821 DIA, SERIES

REV
4

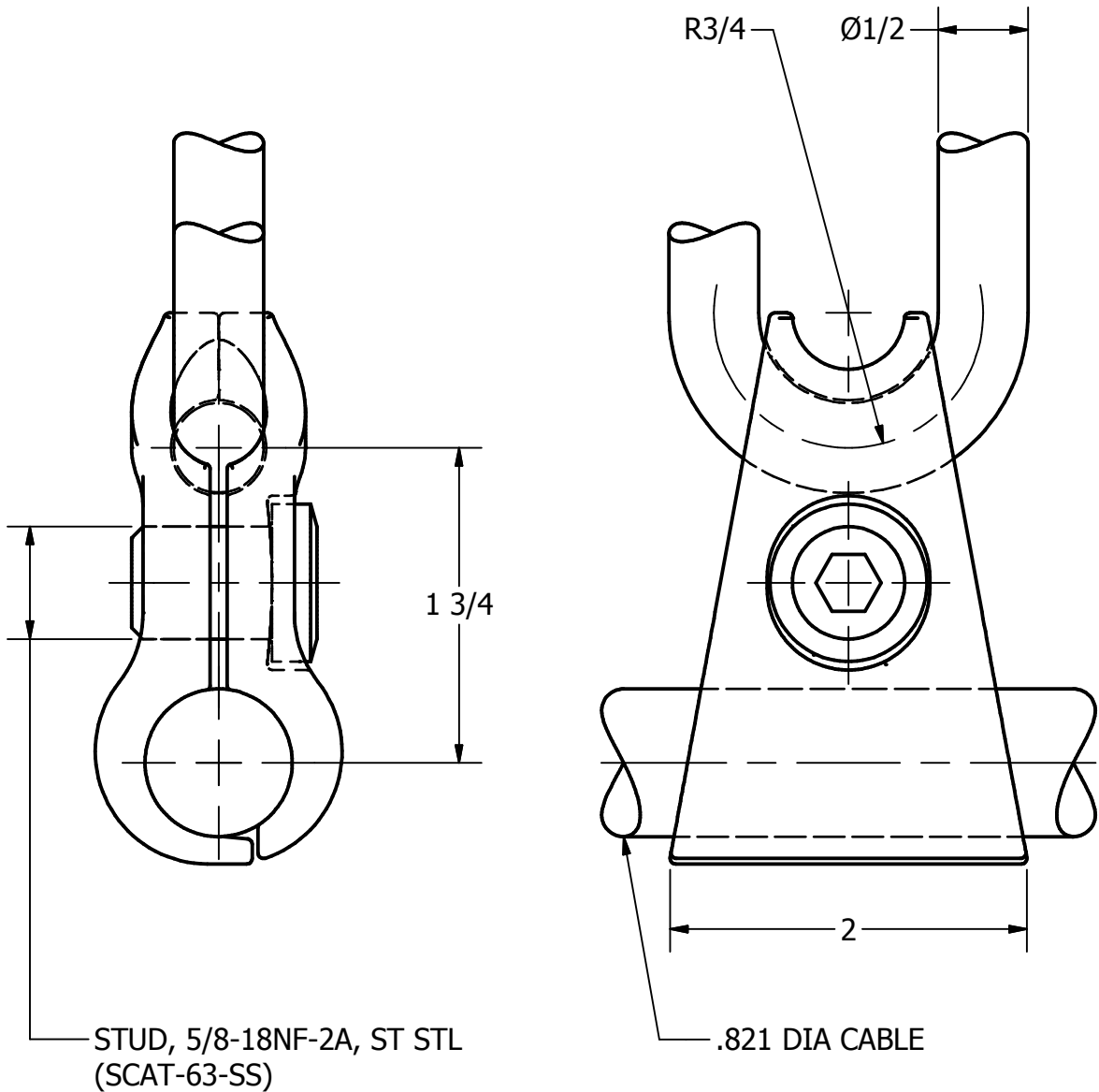
DMC50 SERIES

1 OF 1

ITEM NO

DWG NO
D-5283

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MATERIAL
ALUMINUM BRONZE ASTM B30
TORQUE STUD 45 FT-LBS

0.73 LB

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
4	REDRAWN IN INVENTOR	4-15-10	NF	EP

DRN BY:
ES
DRN DATE:
6-4-79
CHK BY:
JS
CHK DATE:
6-12-79

FAFL**DOSSERT®**

CLAMP, HANGER, MW .821 DIA, 3/8" DIA ROD

REV
4

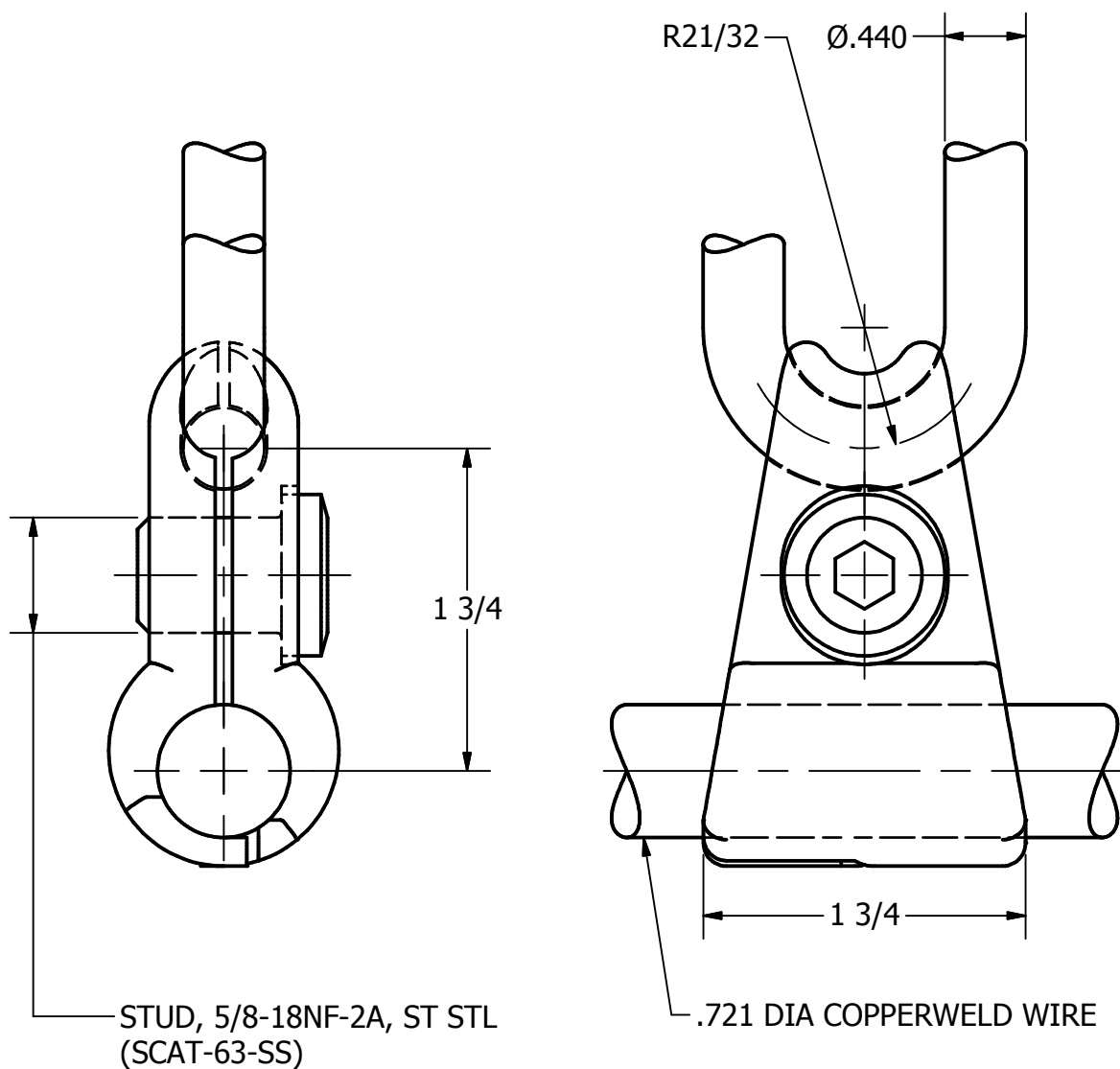
DMC50-.5

1 OF 1

ITEM NO

DWG NO
D-6558

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MATERIAL
ALUMINUM BRONZE ASTM B30
TORQUE STUD TO 45 FT-LBS

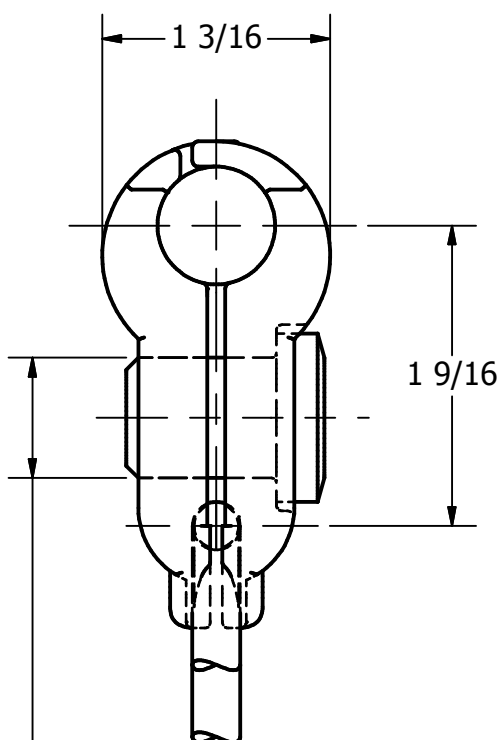
LOCATION					CONTRACT NO		CUST / CONTR	
REVISIONS					DRN BY: GH DRN DATE: 5-12-87 CHK BY: JS CHK DATE: 5-14-87	 		
REV	DESCRIPTION	DATE	BY	APR				
2	REDRAWN IN INVENTOR	4-15-10	NF	EP		CLAMP, HANGER, MW .721 DIA, .440 DIA ROD		
					REV 2	DMC72-44		1 OF 1

ITEM NO

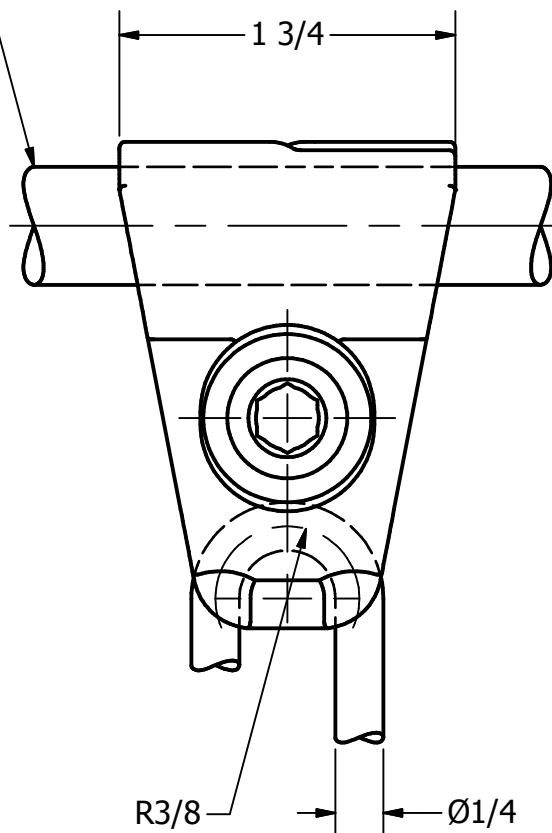
DWG NO
D-6512

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4/0 CLASS "E" COPPERWELD
COPPER 19 STR - .613 DIA.



STUD, 5/8-18NF-2A, ST STL
(SCAT-63-SS)



MATERIAL
ALUMINUM BRONZE ASTM B30
TORQUE STUD 45 FT-LBS

0.57 LB

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
3	REDRAWN IN INVENTOR	10-2-09	BH	EP

DRN BY:
IP
DRN DATE:
2-19-87
CHK BY:
JS
CHK DATE:
2-19-87

FAFL**DOSSERT®**

CLAMP, HANGER, MW 4/0, 1/4" DIA ROD

REV
3

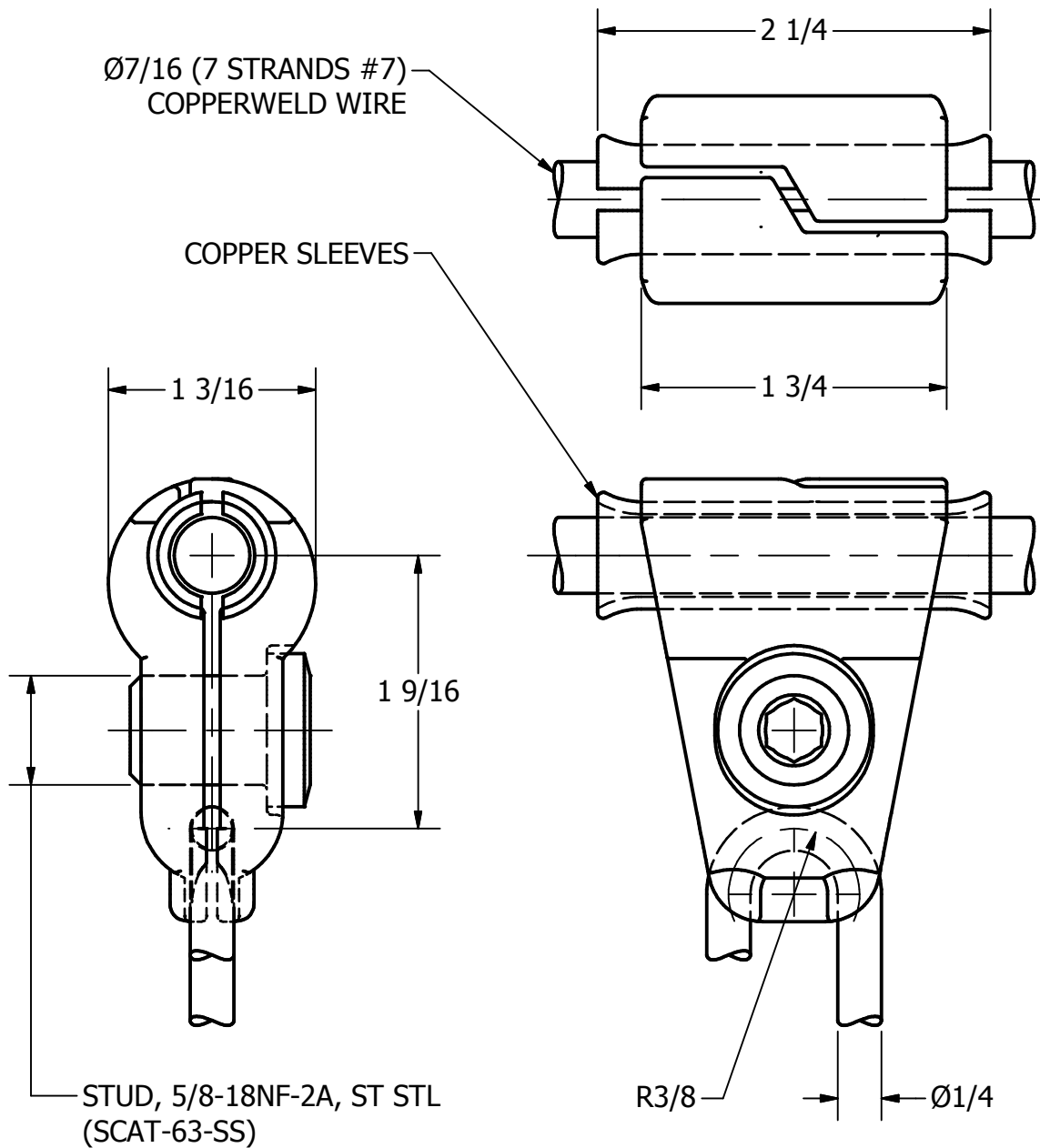
DMC613-.25

1 OF 1

ITEM NO

DWG NO
D-6555

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MATERIAL
ALUMINUM BRONZE ASTM B30
TORQUE STUD 45 FT-LBS

0.64 LB

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
2	REDRAWN IN INVENTOR	04-14-10	NF	EP

DRN BY:
IP
DRN DATE:
5-11-87
CHK BY:
JS
CHK DATE:
5-14-87

F AFL**DOSSERT®**

CLAMP, HANGER, MW SLEEVE, 1/4" DIA ROD

REV
2

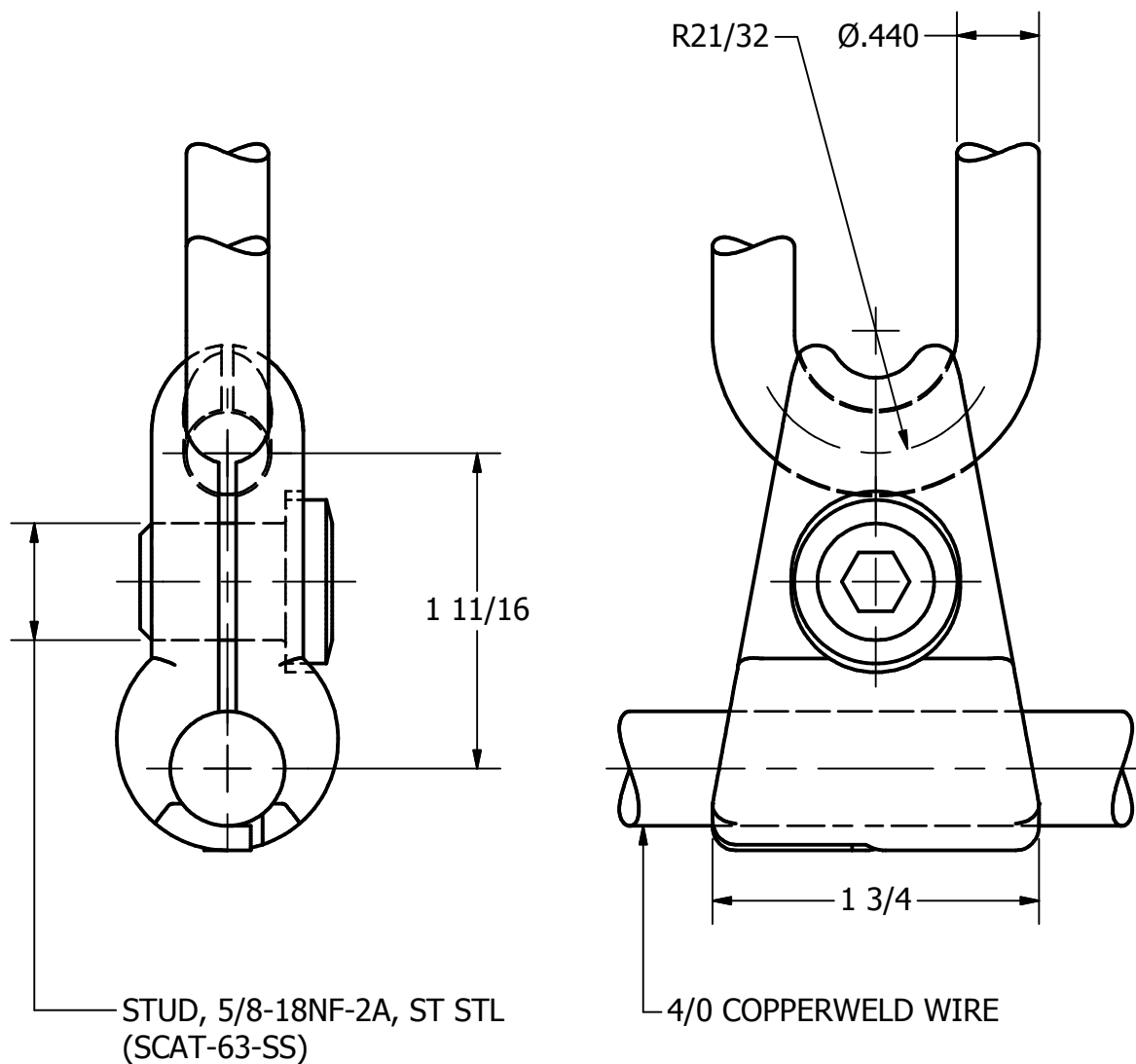
DMC613-.25-S

1 OF 1

ITEM NO

DWG NO
D-6506

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MATERIAL
ALUMINUM BRONZE ASTM 30
TORQUE STUD TO 45 FT-LBS

0.58 LB

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
2	REDRAWN IN INVENTOR	4-15-10	NF	EP

DRN BY:
ES
DRN DATE:
1-5-90
CHK BY:
JS
CHK DATE:
1-9-90

F AFL**DOSSERT®**

CLAMP, HANGER, MW 4/0, .440 DIA ROD

REV
2

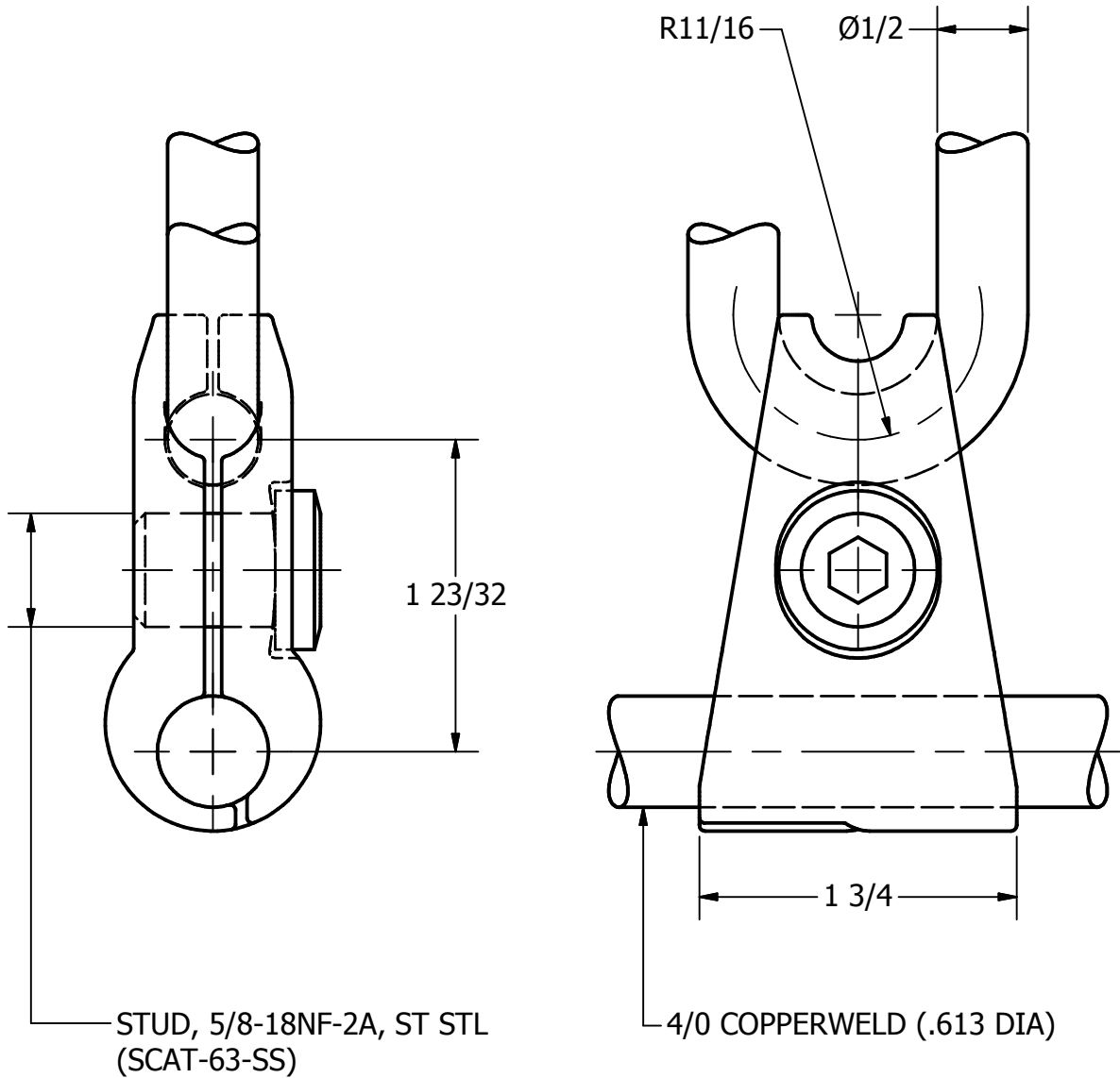
DMC613-44

1 OF 1

ITEM NO

DWG NO
D-7652

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MATERIAL
ALUMINUM BRONZE ASTM 30
TORQUE STUD TO 45 FT-LBS

0.63 LB

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
2	REDRAWN IN INVENTOR	4-21-10	NF	EP

DRN BY:
ET
DRN DATE:
2-19-98
CHK BY:
FW
CHK DATE:
2-19-98

F AFL**DOSSERT®**

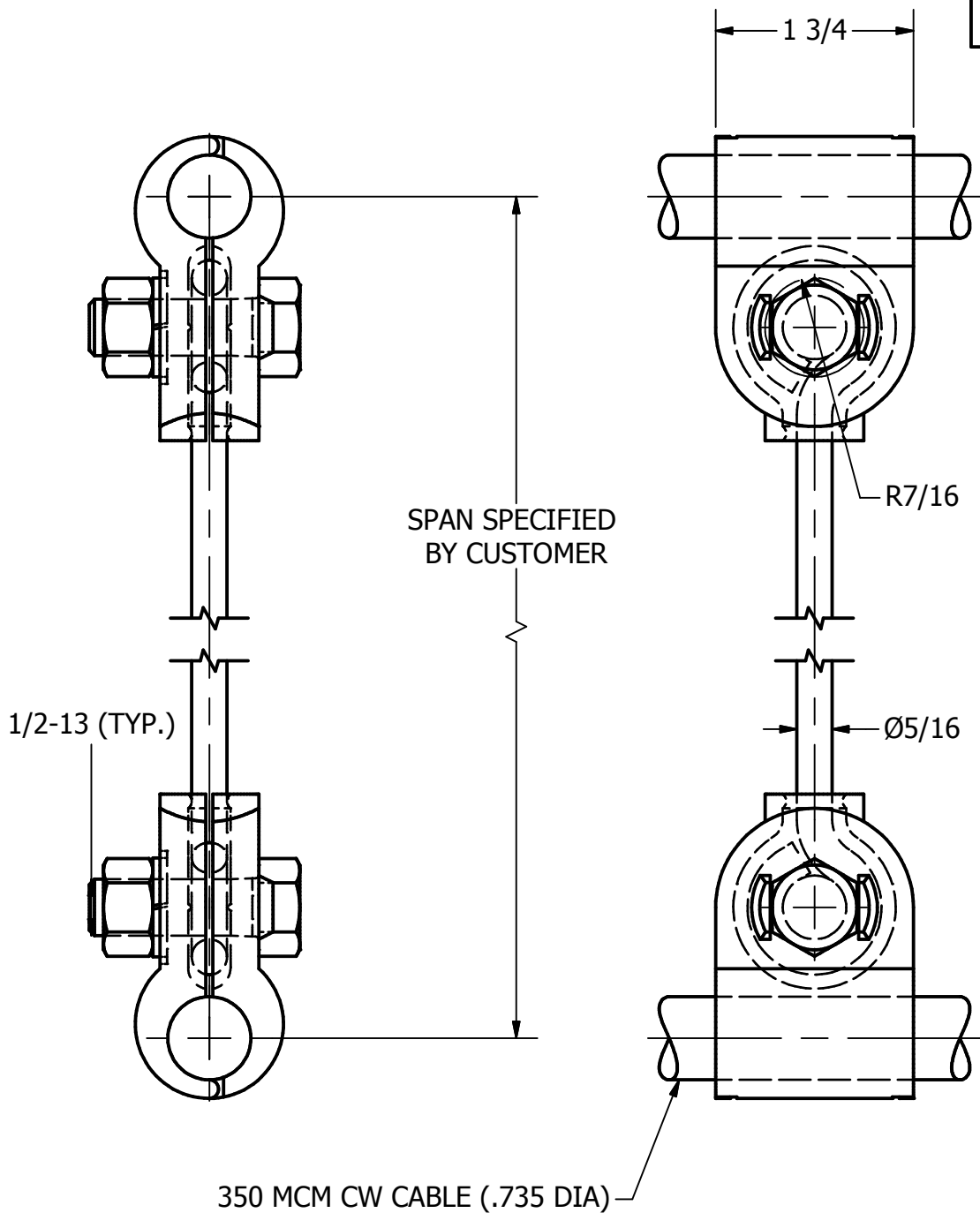
CLAMP, HANGER, MW 4/0, 1/2 DIA ROD

REV
2

DMC613-1/2

1 OF 1

ITEM NO

DWG NO
B-6425MATERIAL

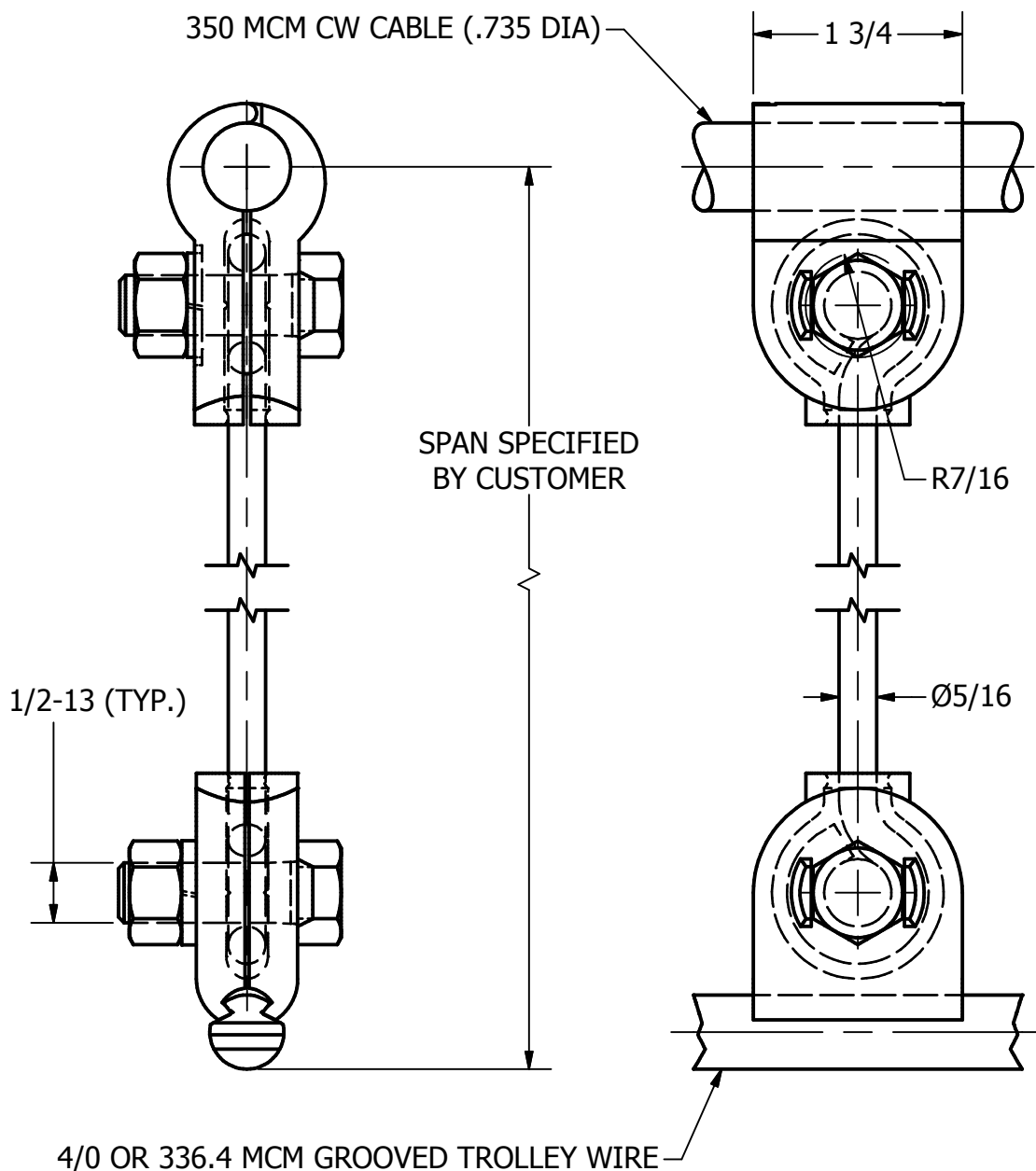
CLAMPS - ALUMINUM BRONZE ASTM B30
 HANGER ROD - SILICON BRONZE
 BOLTS, NUTS, L. WASHERS - EVERDUR

2.2 LB

LOCATION					CONTRACT NO		CUST / CONTR		
REVISIONS					DRN BY: ES DRN DATE: 1-17-83 CHK BY: JS CHK DATE: 1-18-83	FAFL DOSSERT[®] CATENARY HANGER ASSEMBLY, MW 350MCM			
REV	DESCRIPTION	DATE	BY	APR		REV 1	DMCC35CW-35CW-5/16		1 OF 1
1	REDRAWN IN INVENTOR	4-15-10	NF	EP					

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ITEM NO

DWG NO
B-6424

MATERIAL

CLAMPS - ALUMINUM BRONZE ASTM B30

HANGER ROD - SILICON BRONZE

BOLTS, NUTS, L. WASHERS - EVERDUR

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
1	REDRAWN IN INVENTOR	4-15-10	NF	EP

DRN BY:
ES
DRN DATE:
1-14-83
CHK BY:
JS
CHK DATE:
1-18-83

FAFL**DOSSERT®**

HANGER ASSEMBLY, TROLLEY TO MESSENGER, 5/16"
DIA ROD

REV
1

DMTCC35CW-34T-5/16

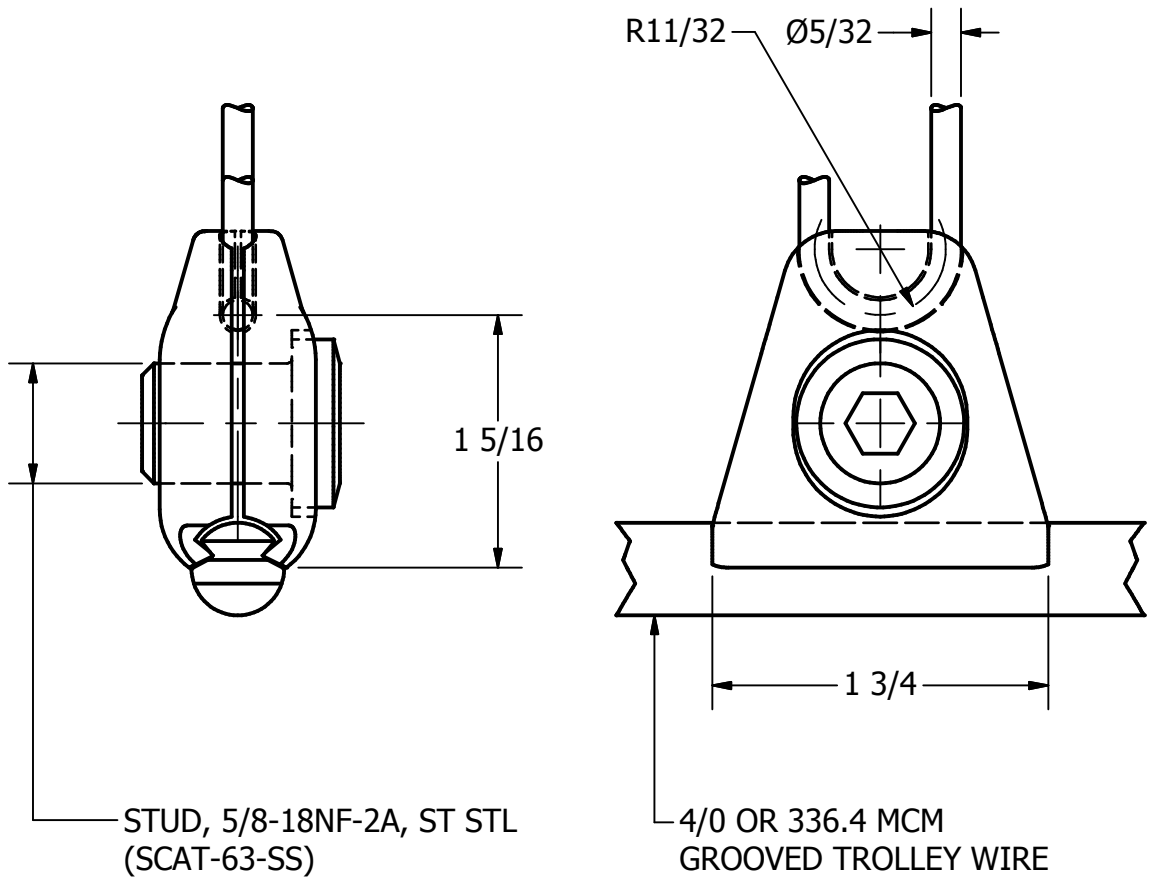
1 OF 1

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ITEM NO

DWG NO
D-5928

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MATERIAL
ALUMINUM BRONZE ASTM B30
TORQUE STUD TO 45 FT-LBS

0.35 LB

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
3	REDRAWN IN INVENTOR	4-19-10	NF	EP

DRN BY:
ES
DRN DATE:
11-19-82
CHK BY:
JS
CHK DATE:
11-19-82

AFL**DOSSERT®**

CLAMP, HANGER, CW 4/0, 5/32" DIA ROD

REV
3

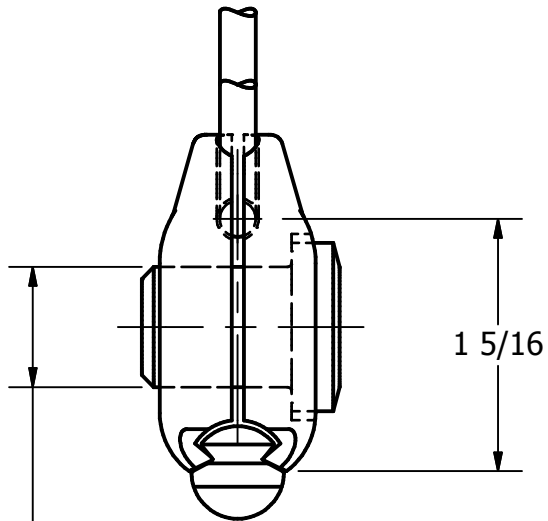
DTC25-16

1 OF 1

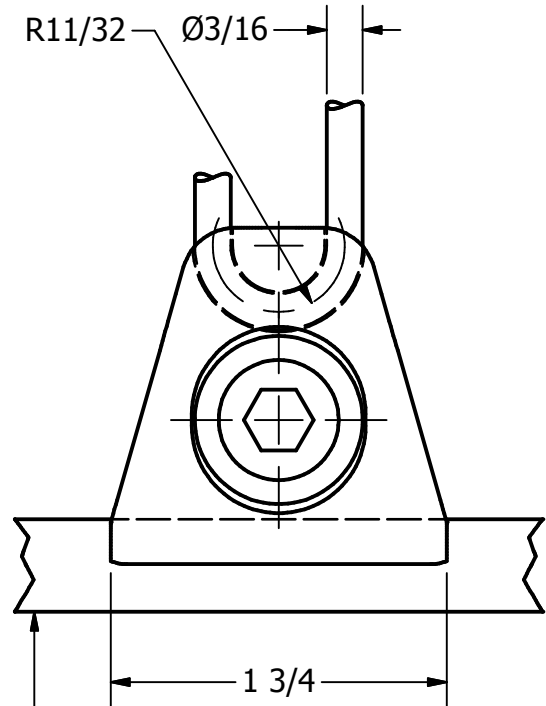
ITEM NO

DWG NO
D-6231

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STUD, 5/8-18NF-2A, ST STL
(SCAT-63-SS)



4/0-350 MCM
GROOVED TROLLEY WIRE

MATERIAL
ALUMINUM BRONZE ASTM B30
TORQUE STUD TO 45 FT-LBS

0.35 LB

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
3	REDRAWN IN INVENTOR	4-19-10	NF	EP

DRN BY:
ES
DRN DATE:
11-19-82
CHK BY:
JS
CHK DATE:
11-19-82

F AFL

DOSSERT®

CLAMP, HANGER, CW 4/0, 3/16" DIA ROD

REV
3

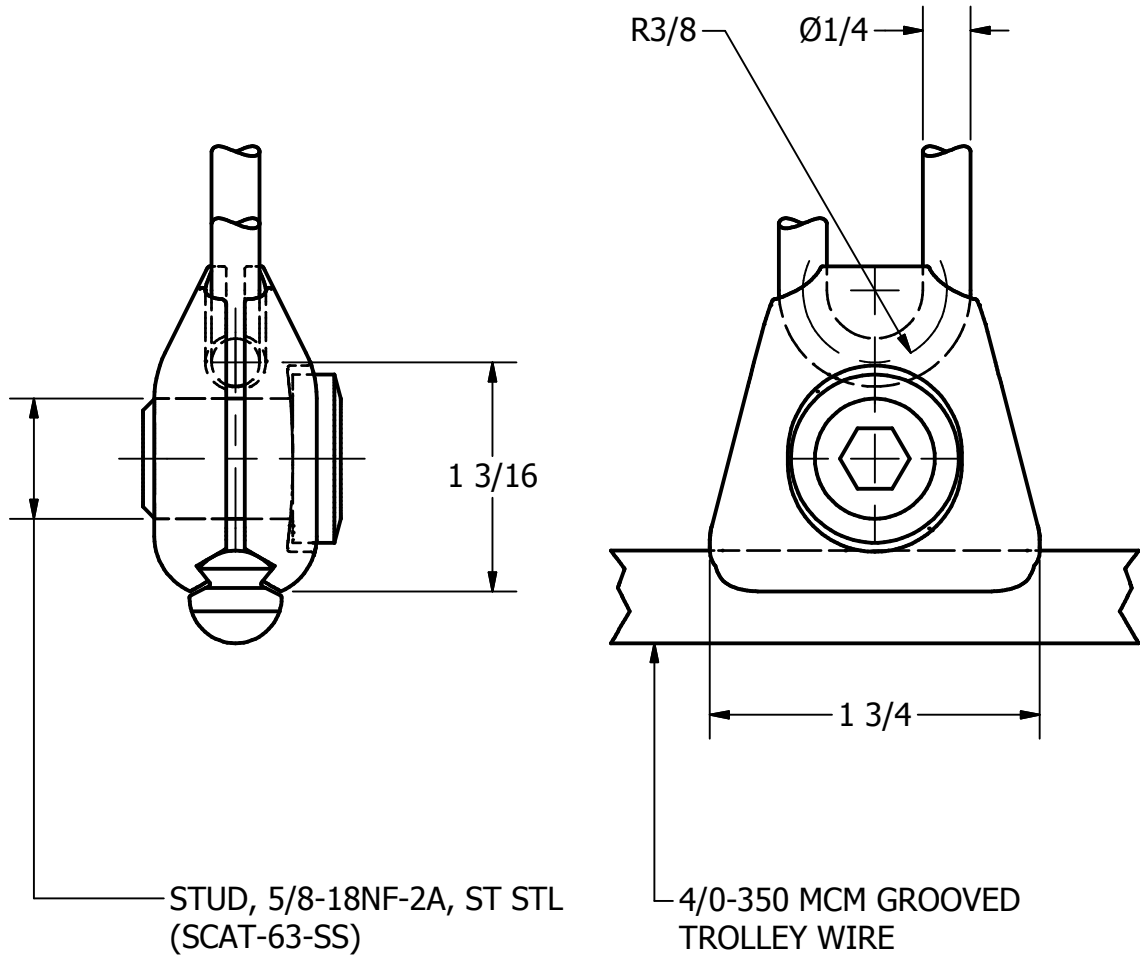
DTC25-19

1 OF 1

ITEM NO

DWG NO
D-4961

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MATERIAL
ALUMINUM BRONZE ASTM B30
TORQUE STUD TO 45 FT-LBS

0.31 LB

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
6	REDRAWN IN INVENTOR	4-22-10	NF	EP

DRN BY:
ES
DRN DATE:
9-19-77
CHK BY:
JS
CHK DATE:
9-20-77

FAFL**DOSSERT®**

CLAMP, HANGER, CW 4/0, 1/4 DIA ROD

REV
6

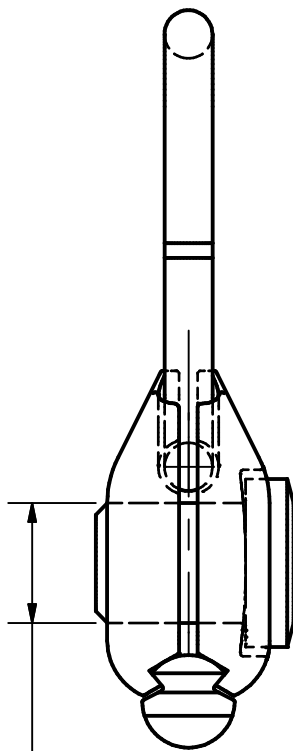
DTC25-1/4

1 OF 1

ITEM NO

DWG NO
D-4652

ST. STEEL #304 ROD

STUD, 5/8-18NF-2A, ST STL
(SCAT-63-SS)

Ø1/4

R3/8

2 1/2

1 9/16



1 3/4

4/0 OR 336.4 MCM
GROOVED TROLLEY WIRE

MATERIAL
ALUMINUM BRONZE ASTM B30
TORQUE STUD TO 45 FT-LBS

0.38 LB

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LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
6	REDRAWN IN INVENTOR	4-15-10	NF	EP

DRN BY:
ES
DRN DATE:
1-21-75
CHK BY:
JS
CHK DATE:
1-21-75

FAFL**DOSSERT®**

CLAMP, HANGER, CW 4/0, 1/4" DIA HANGER

REV
6

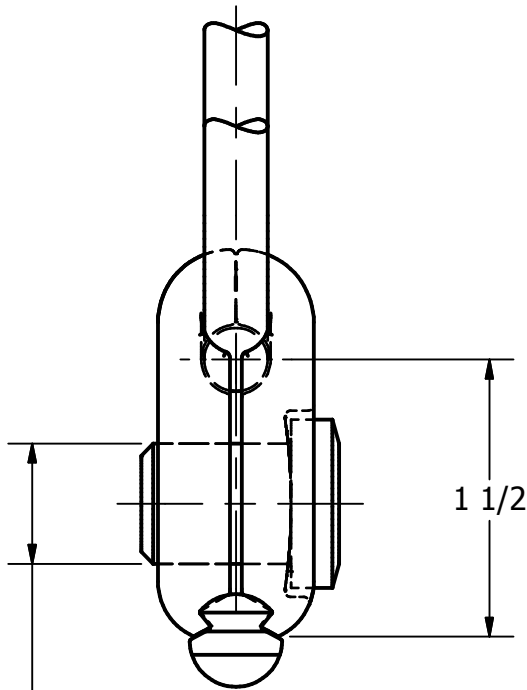
DTC25-1/4-12

1 OF 1

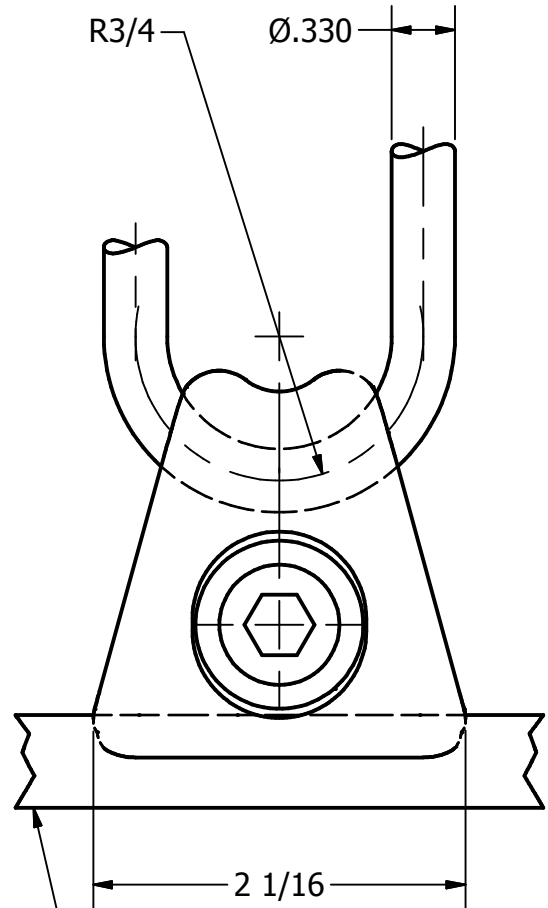
ITEM NO

DWG NO
D-7099

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STUD, 5/8-18NF-2A, ST STL
(SCAT-63-SS)



4/0-350 MCM
GROOVED TROLLEY WIRE

MATERIAL

ALUMINUM BRONZE ASTM B30
TORQUE STUD TO 45 FT-LBS

0.44 LB

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
2	REDRAWN IN INVENTOR	4-19-10	NF	EP

DRN BY:
ES
DRN DATE:
1-5-90
CHK BY:
JS
CHK DATE:
1-9-90

F AFL

DOSSERT®

CLAMP, HANGER, CW 4/0, .330" DIA ROD

REV
2

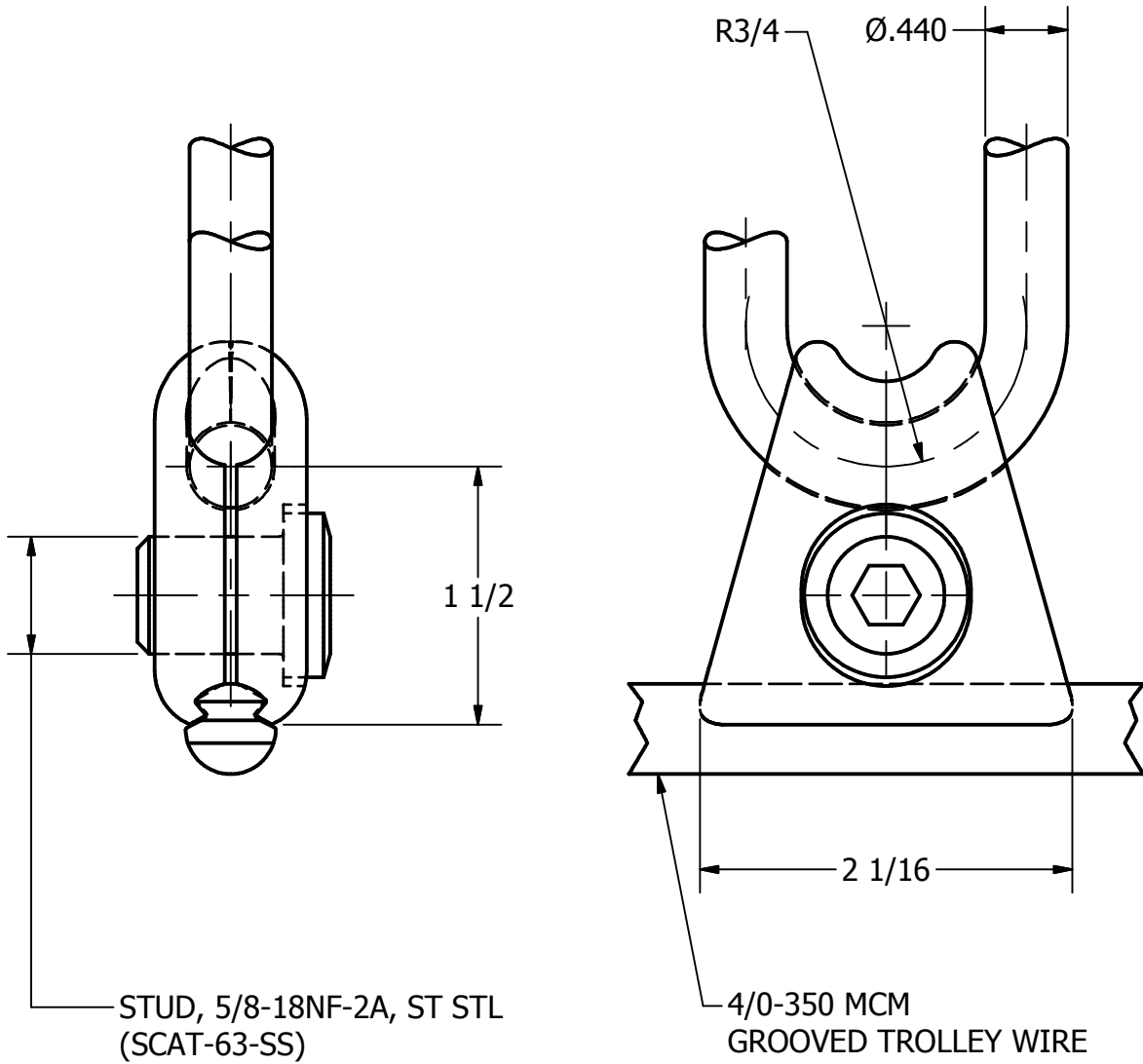
DTC25-33

1 OF 1

ITEM NO

DWG NO
D-6941

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0.44 LB

MATERIAL

ALUMINUM BRONZE ASTM B30
TORQUE STUD TO 45 FT-LBS

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
2	REDRAWN IN INVENTOR	4-19-10	NF	EP

DRN BY:
MS
DRN DATE:
6-29-90
CHK BY:
HC
CHK DATE:
6-29-90

F AFL**DOSSERT®**

CLAMP, HANGER, CW 4/0, .440" DIA ROD

REV
2

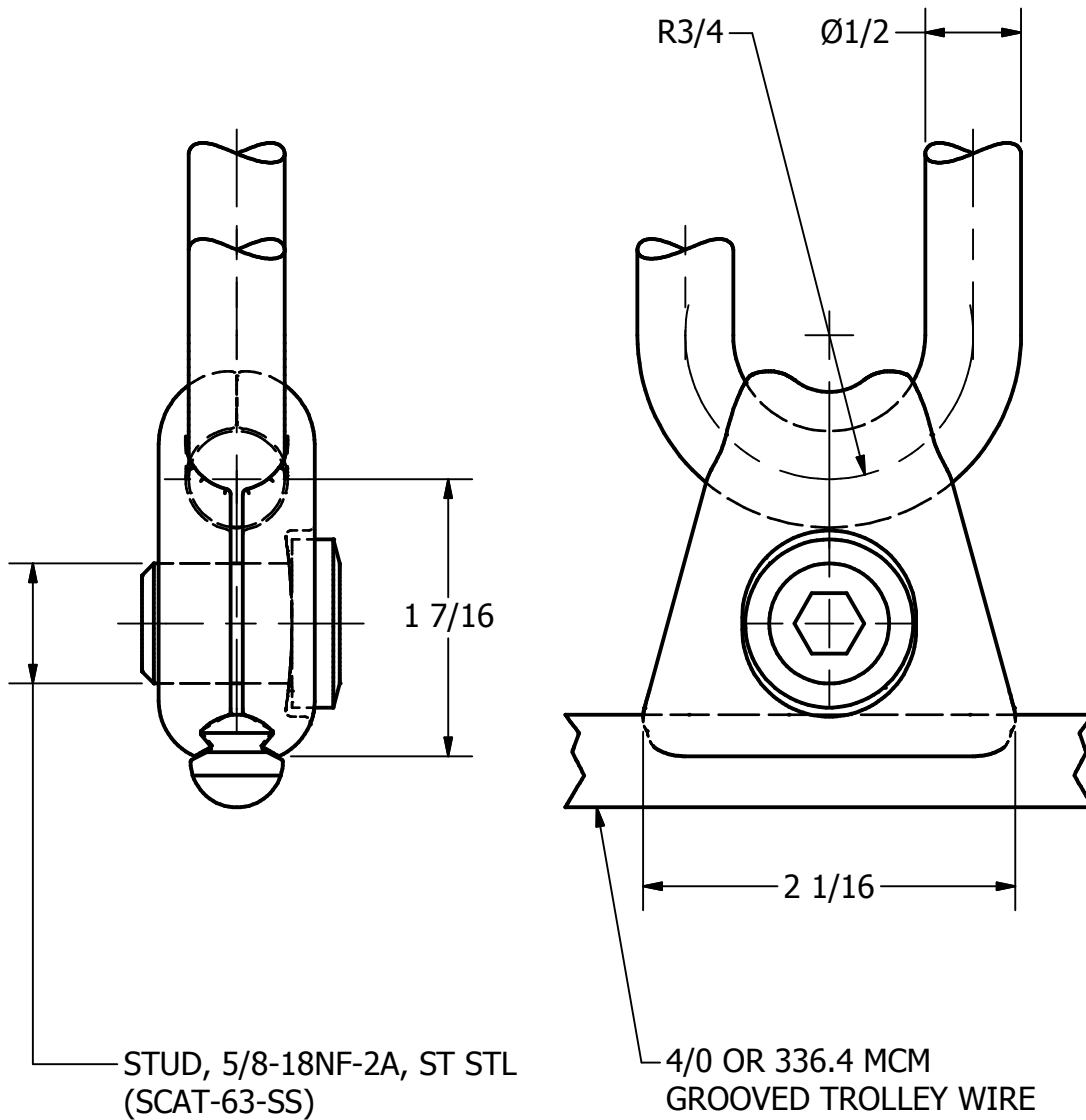
DTC25-44

1 OF 1

ITEM NO

DWG NO
D-5287

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MATERIAL
ALUMINUM BRONZE ASTM B30
TORQUE STUD TO 45 FT-LBS

0.41 LB

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
4	REDRAWN IN INVENTOR	4-16-10	NF	EP

DRN BY:
ES
DRN DATE:
6-5-79
CHK BY:
JS
CHK DATE:
6-12-79

FAFL**DOSSERT®**

CLAMP, HANGER, CW 4/0, 1/2" DIA ROD

REV
4

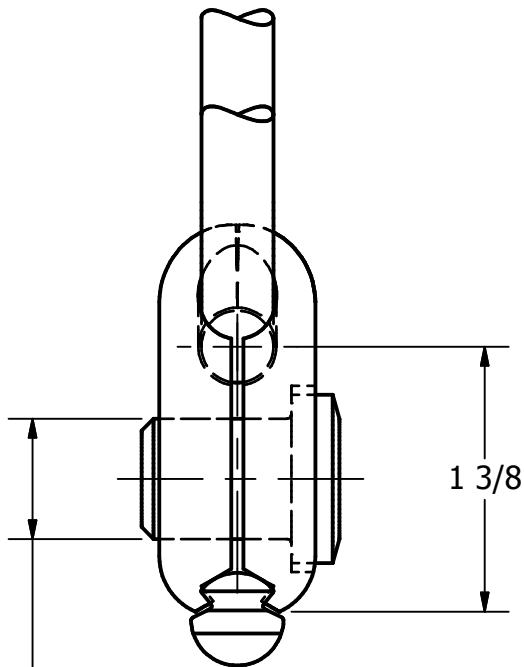
DTC25-1/2

1 OF 1

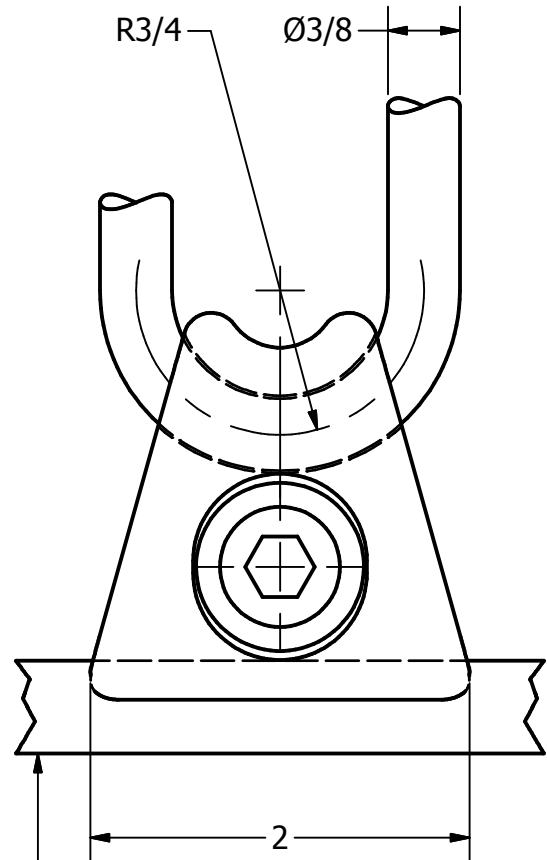
ITEM NO

DWG NO
D-4701

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STUD, 5/8-18NF-2A, ST STL
(SCAT-63-SS)



4/0 OR 336.4 MCM
GROOVED TROLLEY WIRE

MATERIAL
ALUMINUM BRONZE ASTM B30
TORQUE STUD TO 45 FT-LBS

0.45 LB

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
4	REDRAWN IN INVENTOR	4-16-10	NF	EP

DRN BY:
ES
DRN DATE:
6-23-75
CHK BY:
JS
CHK DATE:
6-23-75

FAFL**DOSSERT®**

CLAMP, HANGER, CW 4/0, 3/8" DIA ROD

REV
4

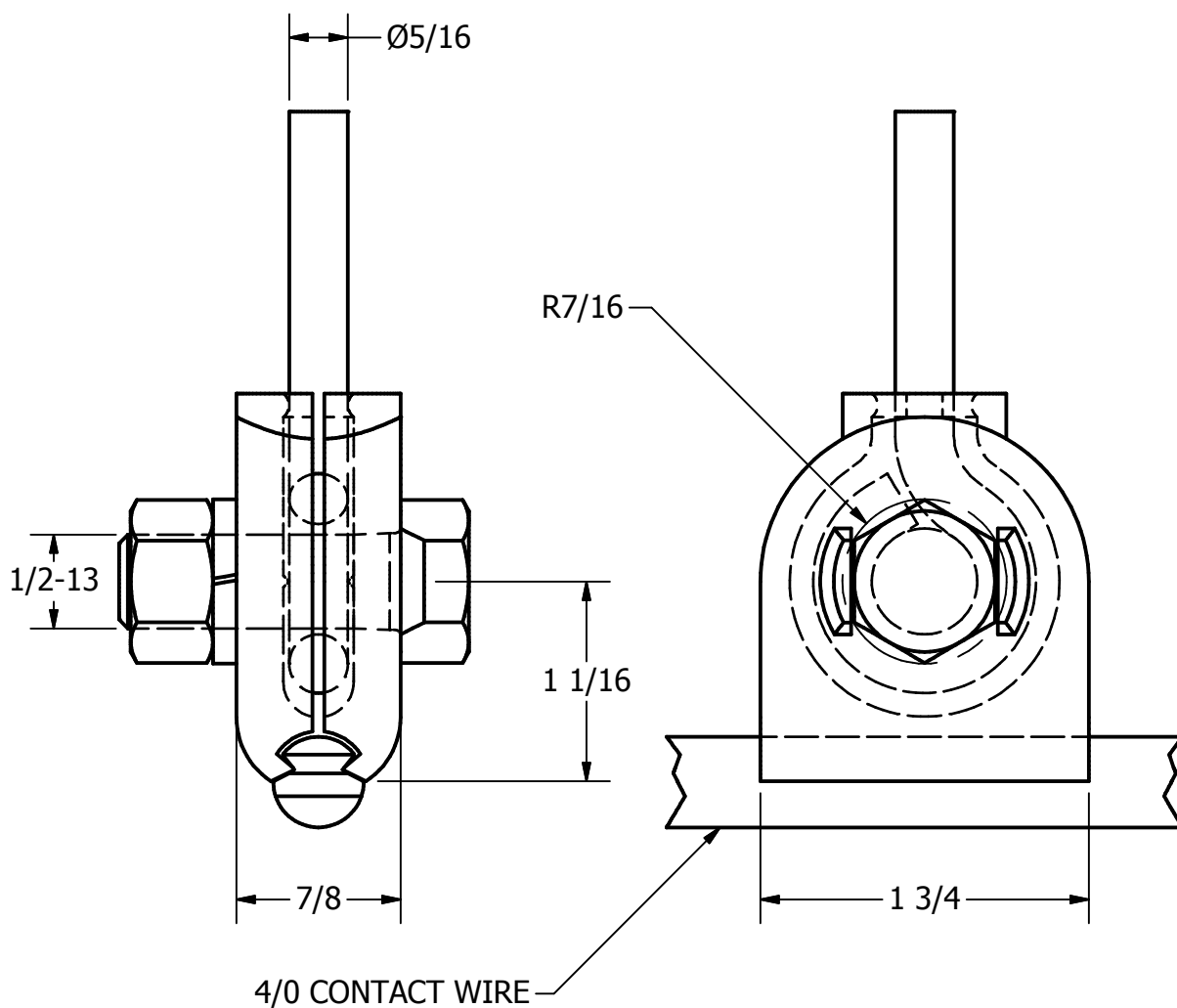
DTC25-3/8

1 OF 1

ITEM NO

DWG NO

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MATERIAL

CLAMP - ALUMINUM BRONZE ASTM B30
HANGER, BOLT, NUT, AND L. WASHER -
SILICON BRONZE

0.67 LB

LOCATION					CONTRACT NO		CUST / CONTR	
REVISIONS					DRN BY: #### DRN DATE: #### CHK BY: #### CHK DATE: ####			

DRN BY:

####

DRN DATE:

####

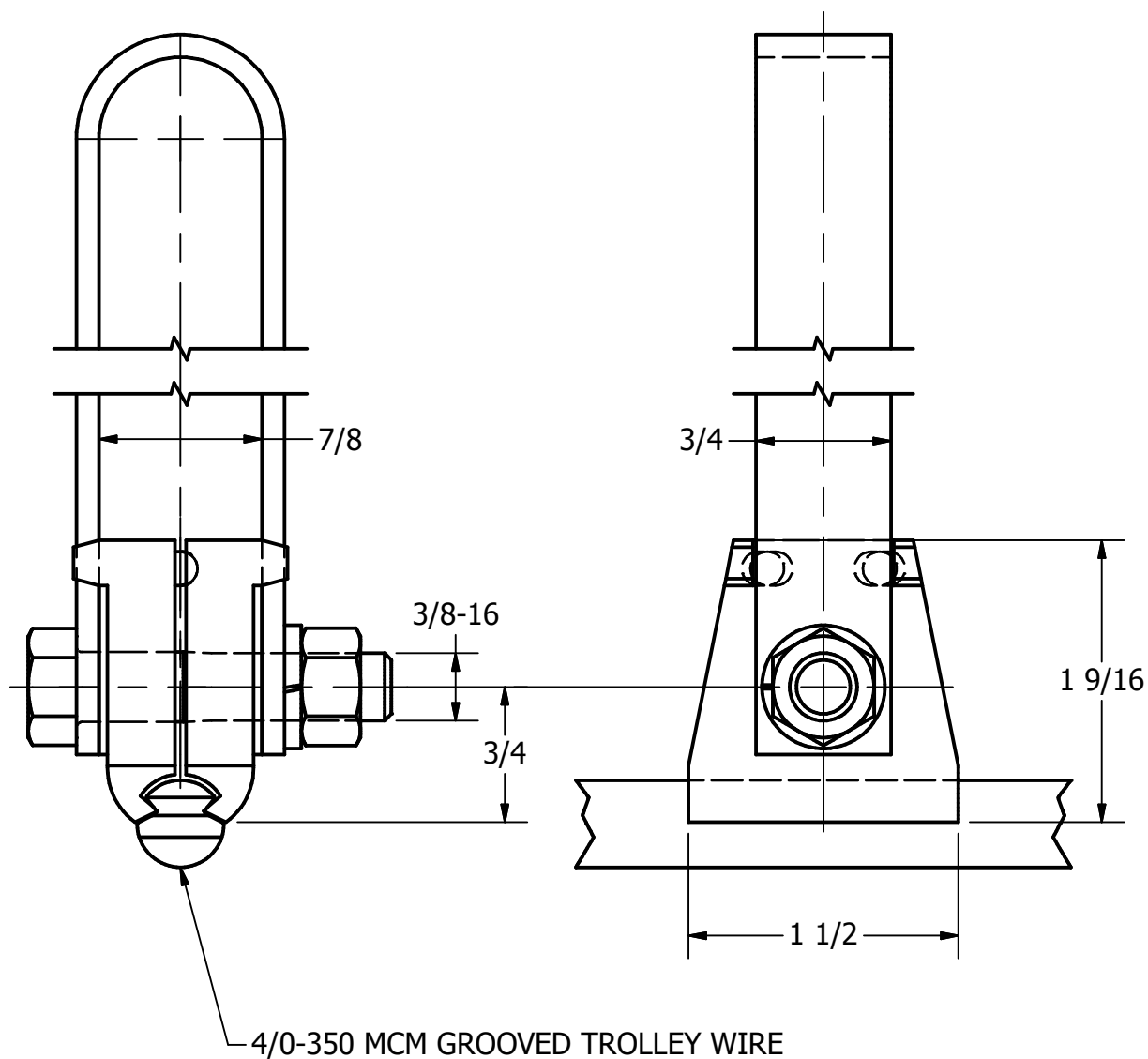
CHK BY:

####

CHK DATE:

####

ITEM NO

DWG NO
D-6358MATERIAL

CLAMP - ALUMINUM BRONZE ASTM B30

BOLT, NUT, AND L. WASHER - SILICON BRONZE

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
2	REDRAWN IN INVENTOR	4-19-10	NF	EP

DRN BY:
IP
DRN DATE:
10-28-85
CHK BY:
JS
CHK DATE:
10-28-85

FAFL**DOSSERT®**

CLAMP, LOOP HANGER, CW 4/0

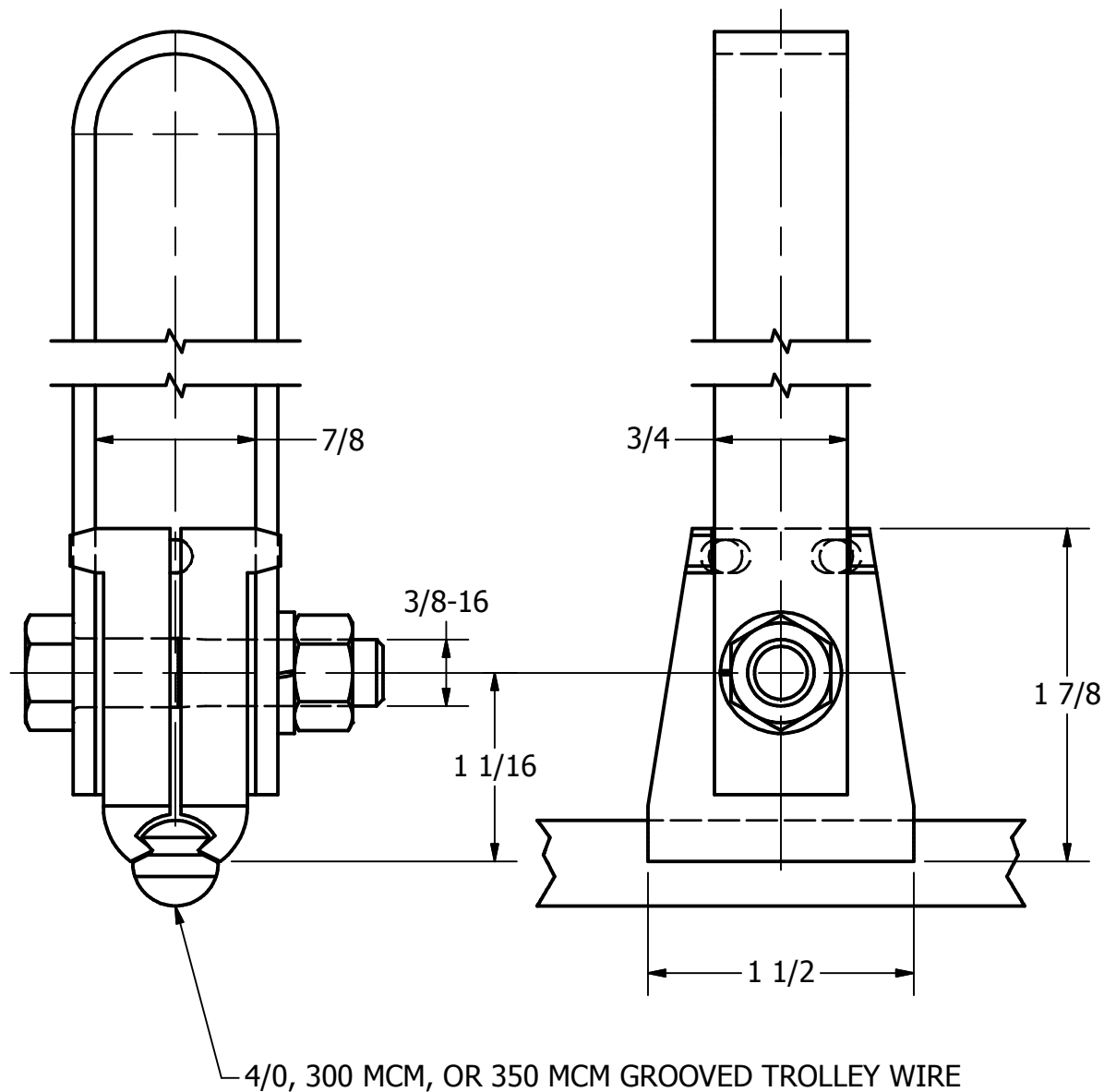
REV
2

DTCF34T

1 OF 1

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ITEM NO

DWG NO
D-7582MATERIAL

CLAMP - ALUMINUM BRONZE ASTM B30

BOLT, NUT, AND L. WASHER - SILICON BRONZE

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
1	REDRAWN IN INVENTOR	4-19-10	NF	EP

DRN BY:
ET
DRN DATE:
3-12-97
CHK BY:
RL
CHK DATE:
3-13-97

FAFL**DOSSERT®**

CLAMP, LOOP HANGER, CW 4/0

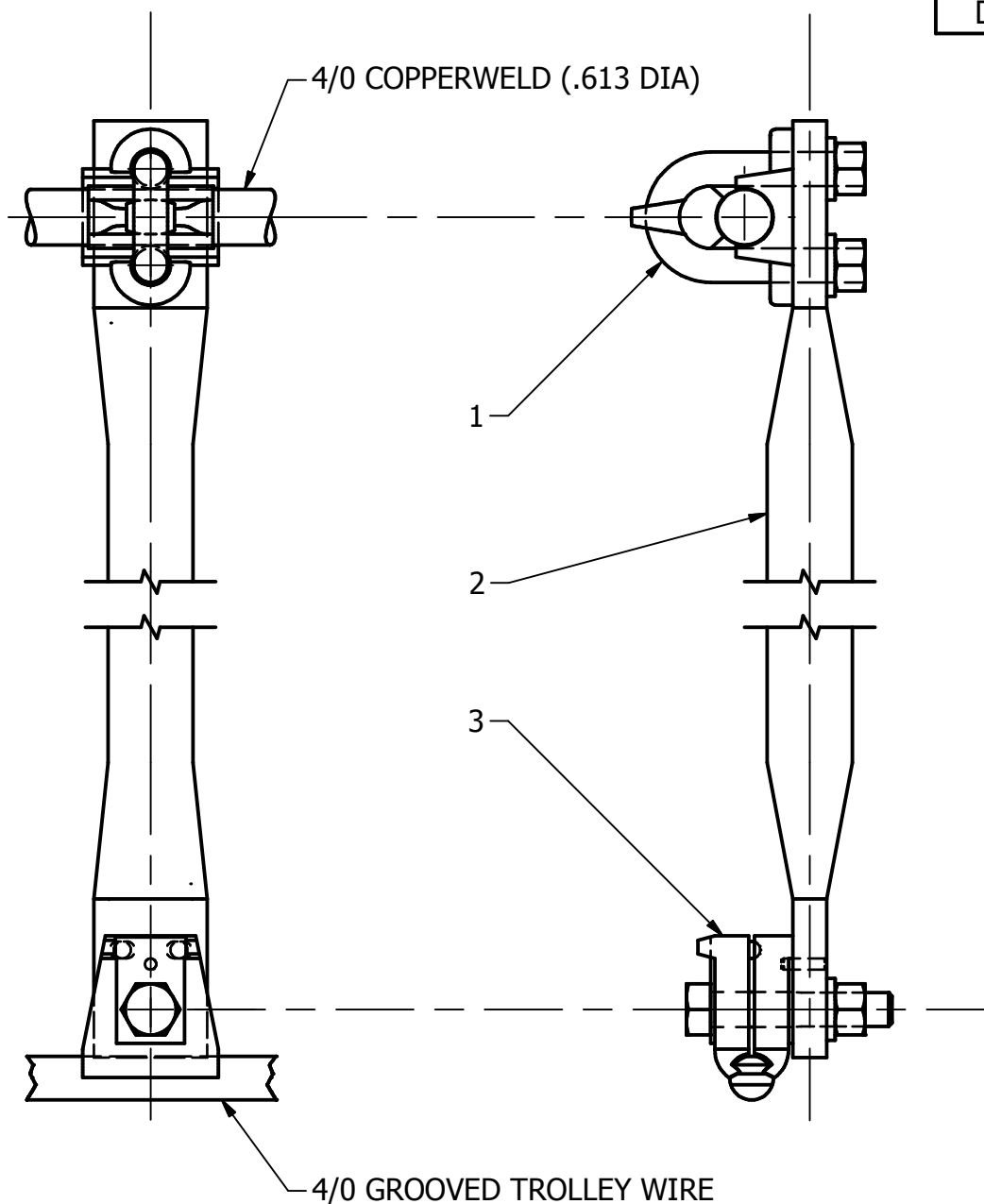
REV
1

DTCF34T-106

1 OF 1

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ITEM NO

DWG NO
D-7036

PART NO.	DESCRIPTION	CATALOG NO.	DWG. NO.
1	PRESSURE BAR ASSEMBLY	UF30-T3/8	A-7697
2	TUBE FOR FEEDER-HANGER	HP94-U-44-1	A-7709
3	TROLLEY WIRE CLAMP	DTCF34T-S	D-6539

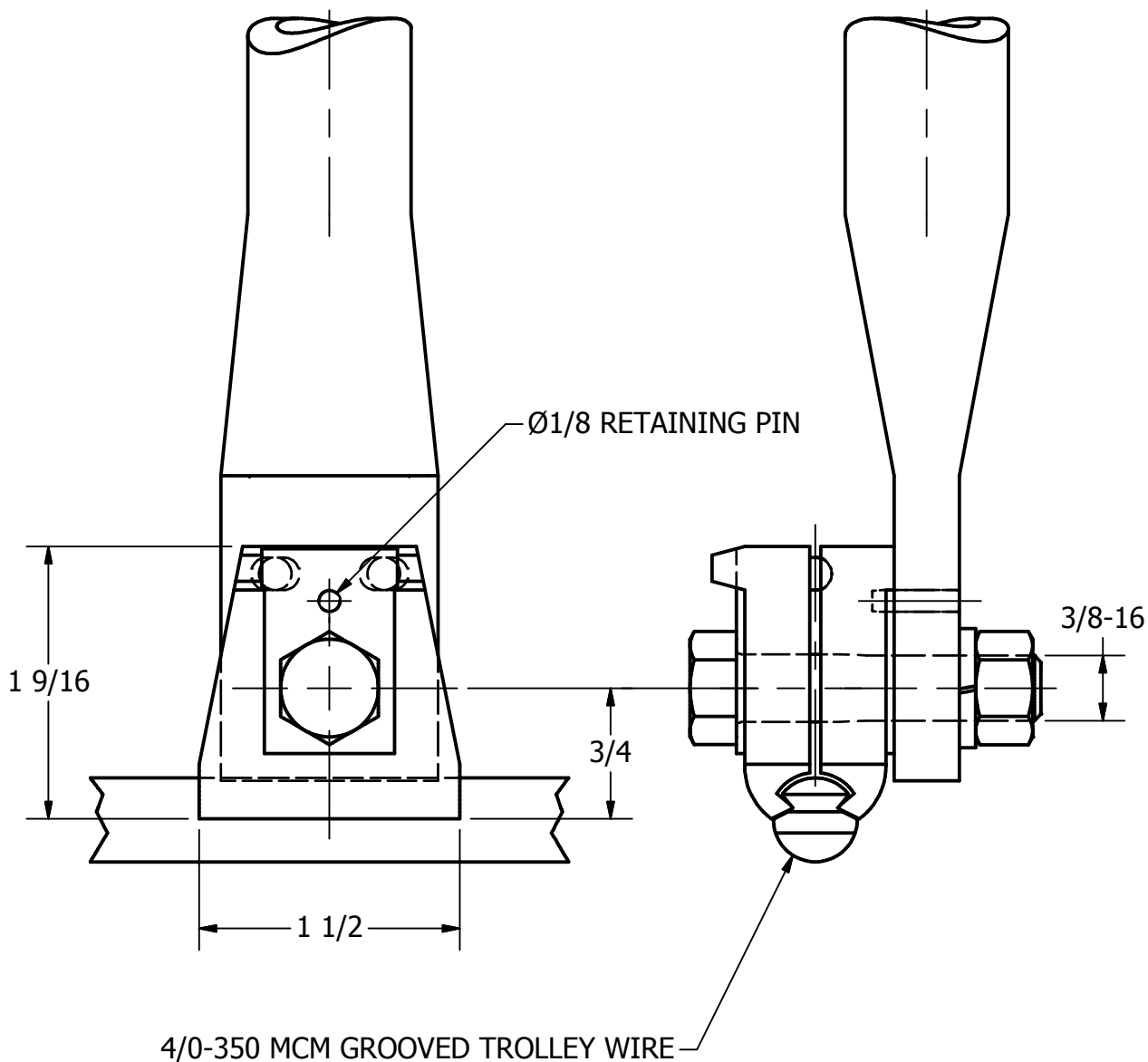
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LOCATION					CONTRACT NO		CUST / CONTR	
REVISIONS					DRN BY: BB DRN DATE: 4-15-91 CHK BY: JS CHK DATE: 4-16-91	AFL DOSSERT®		
REV	DESCRIPTION	DATE	BY	APR		RIGID ANTI-TORSIONAL FEEDER-HANGER		
1	REDRAWN IN INVENTOR	4-19-10	NF	EP				
					REV 1	DTCF34T-P94		1 OF 1

ITEM NO

DWG NO
D-6539

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MATERIAL

CLAMP - ALUMINUM BRONZE ASTM B30

BOLT, NUT, AND L. WASHER - SILICON BRONZE

RETAINING PIN - STAINLESS STEEL

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
2	REDRAWN IN INVENTOR	4-19-10	NF	EP

DRN BY:
IP
DRN DATE:
4-9-87
CHK BY:
JS
CHK DATE:
4-9-87

FAFL**DOSSERT®**

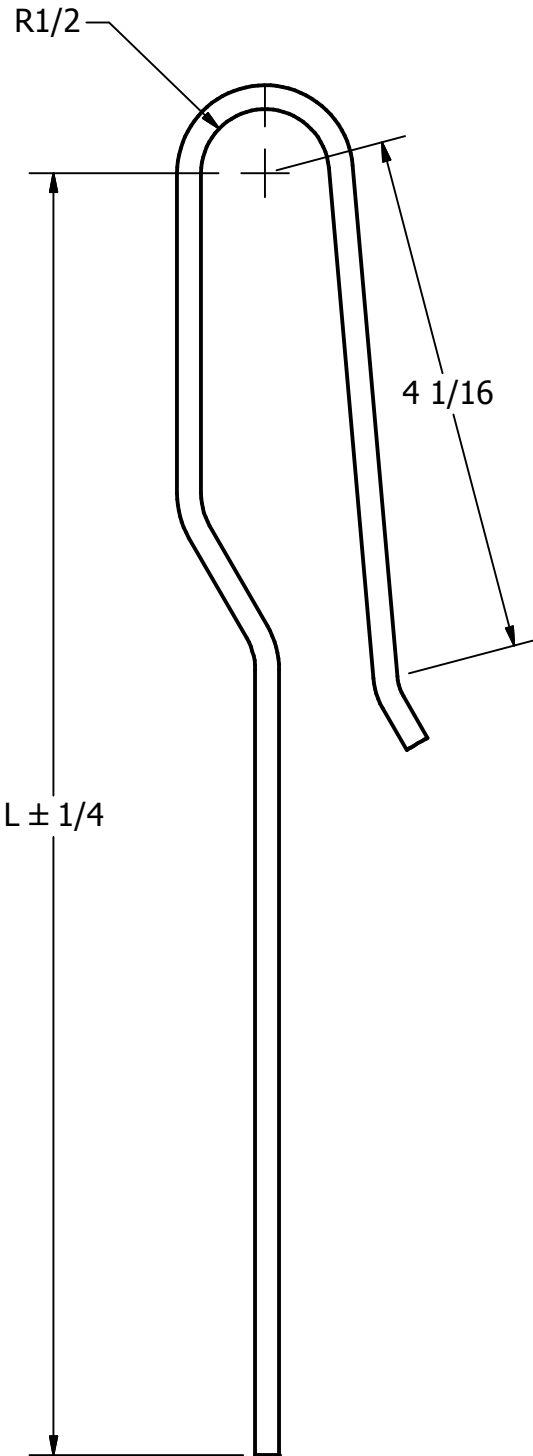
CLAMP, HANGER, CW 4/0, ANTI-TORSIONAL

REV
2

DTCF34T-S

1 OF 1

ITEM NO

DWG NO
B-7458

MATERIAL
STAINLESS STEEL ASTM A176

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LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
5	REDRAWN IN INVENTOR	4-19-10	NF	EP

DRN BY:
BB
DRN DATE:
3-12-91
CHK BY:
JS
CHK DATE:
3-13-91

F AFL**DOSSERT®**

HANGER, RIGID ROD, 3/16 DIA, STAINLESS

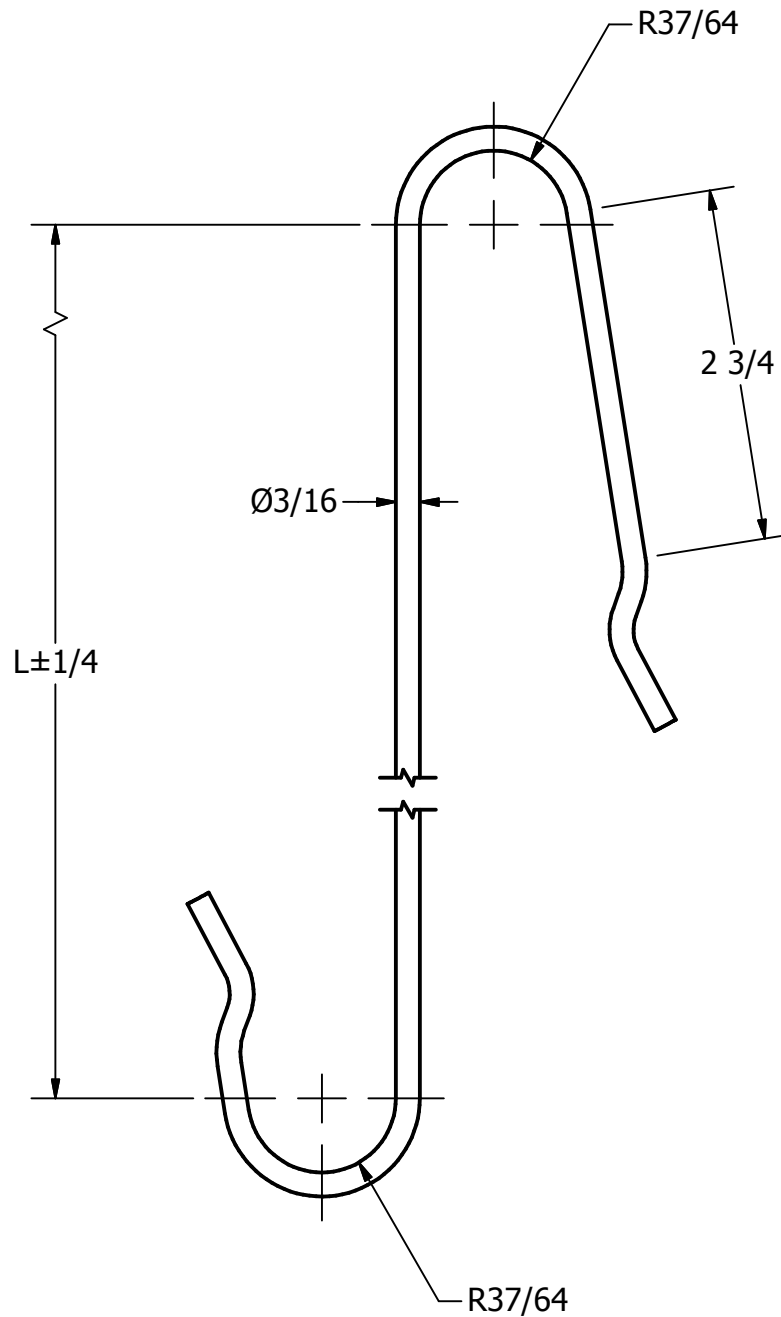
REV
5

HA19-21E-L

1 OF 1

ITEM NO

DWG NO

**NOTE**

$L = H + 1 \frac{3}{4}$
 FOR H DIMENSION,
 SEE CONTRACT DRAWING

MATERIAL

STAINLES STEEL ASTM A176

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LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR

DRN BY:
NF
 DRN DATE:
4-27-10
 CHK BY:
EP
 CHK DATE:
4-27-10

F AFL**DOSSERT®**

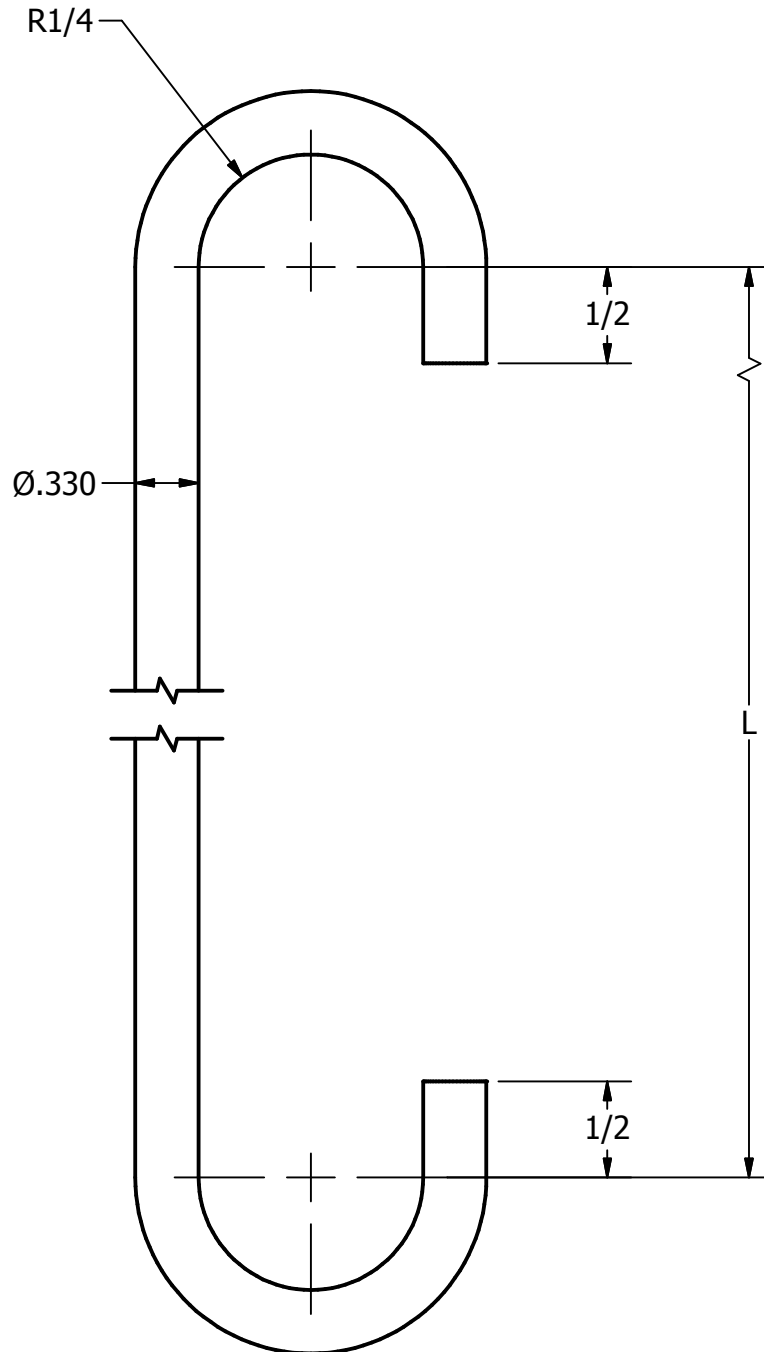
HANGER, RIGID ROD, 3/16 DIA, STAINLESS

REV
0

HA19-21E-L-S

1 OF 1

ITEM NO

DWG NO
D-7101

MATERIAL
SILICON BRONZE

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LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
1	REDRAWN IN INVENTOR	4-19-10	NF	EP

DRN BY:
BB
DRN DATE:
8-27-91
CHK BY:
JS
CHK DATE:
8-27-91

F AFL**DOSSERT®**

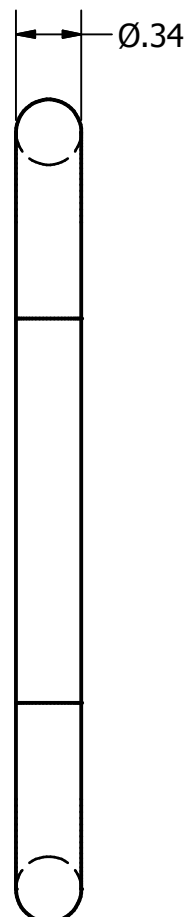
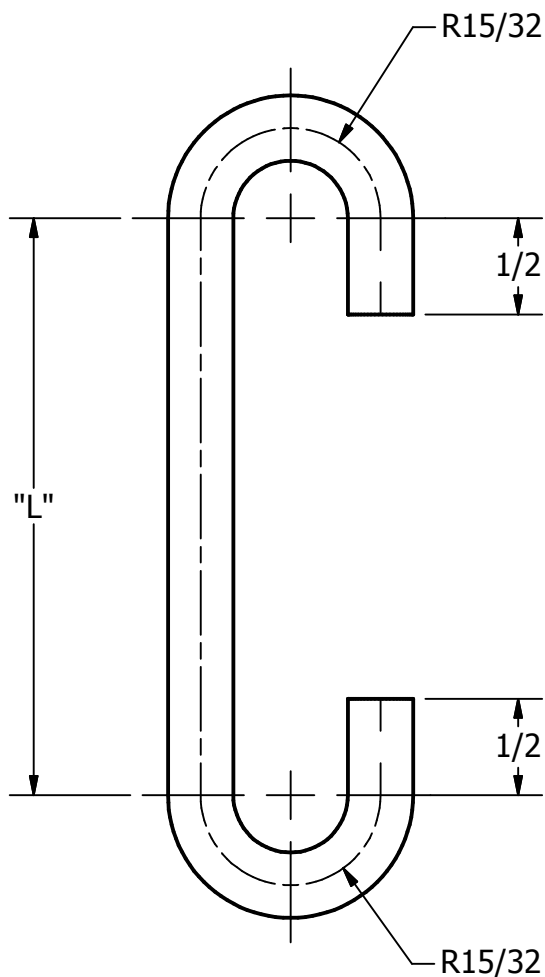
HANGER, ROD HOOK, .330 DIA

REV
1

HA33-J-L

1 OF 1

ITEM NO

DWG NO
D-8178FOR USE WITH ASSY'S:
J, JD, & KMATERIAL
BRONZE ROD
SPEC CE 565 CLASS B

SCALE 1 : 1

LOCATION					CONTRACT NO		CUST / CONTR	
REVISIONS					DRN BY: BB DRN DATE: 3-5-07 CHK BY: CHK DATE:			
REV	DESCRIPTION	DATE	BY	APR		HANGER, ROD HOOK, .34 DIA		
1	RE-DRAWN IN INVENTOR	10-8-09	BH	EP				
					REV 1	HA34-SERIES		1 OF 1

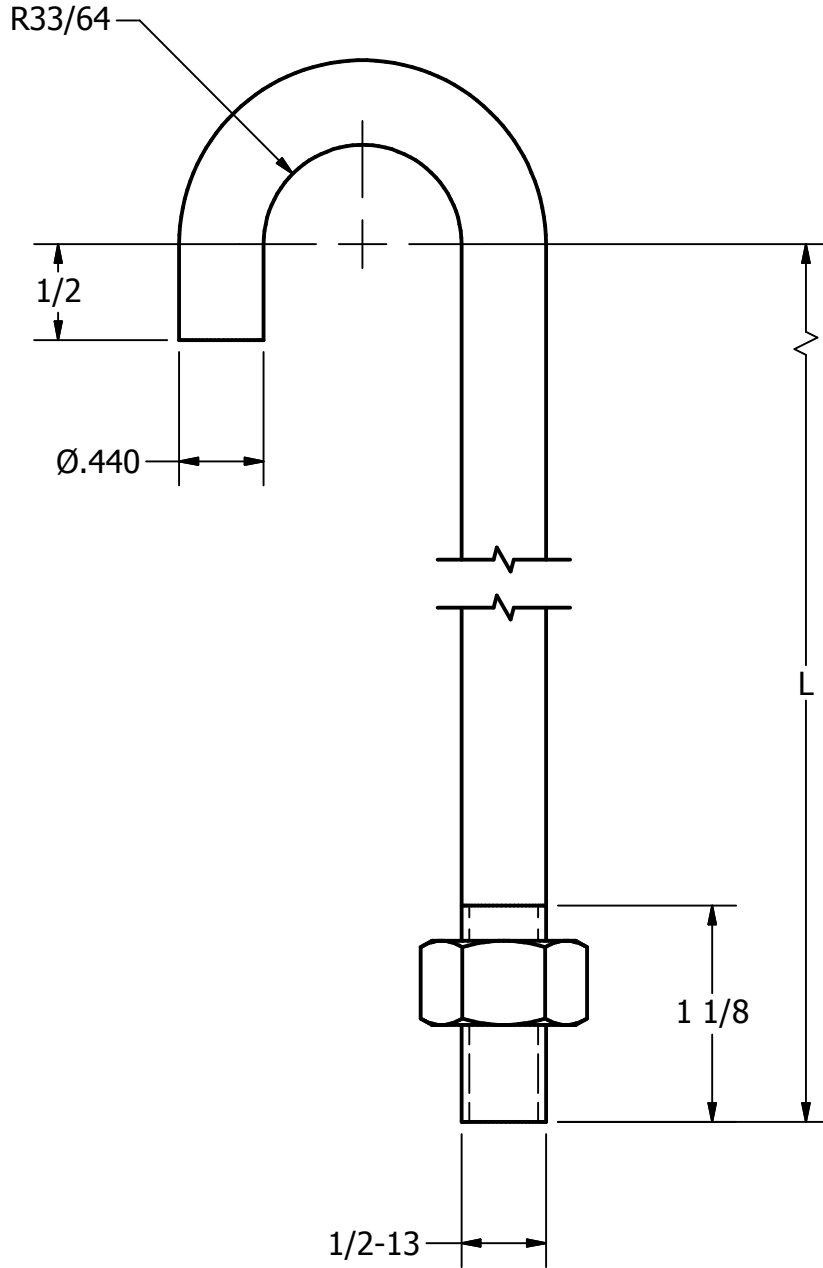
DRN BY:
BB
DRN DATE:
3-5-07
CHK BY:

CHK DATE:

REV
1

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ITEM NO

DWG NO
D-6508

NOTE
LOCTITE 271 TO BE USED ON HANGER
THREADS DURING ASSEMBLY WITH
CONTACT WIRE CLAMP

MATERIAL
SILICON BRONZE

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LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
4	REDRAWN IN INVENTOR	5-17-10	NF	EP

DRN BY:
CG
DRN DATE:
2-9-87
CHK BY:
JS
CHK DATE:
2-9-87

FAFL**DOSSERT®**

HANGER ROD

REV
4

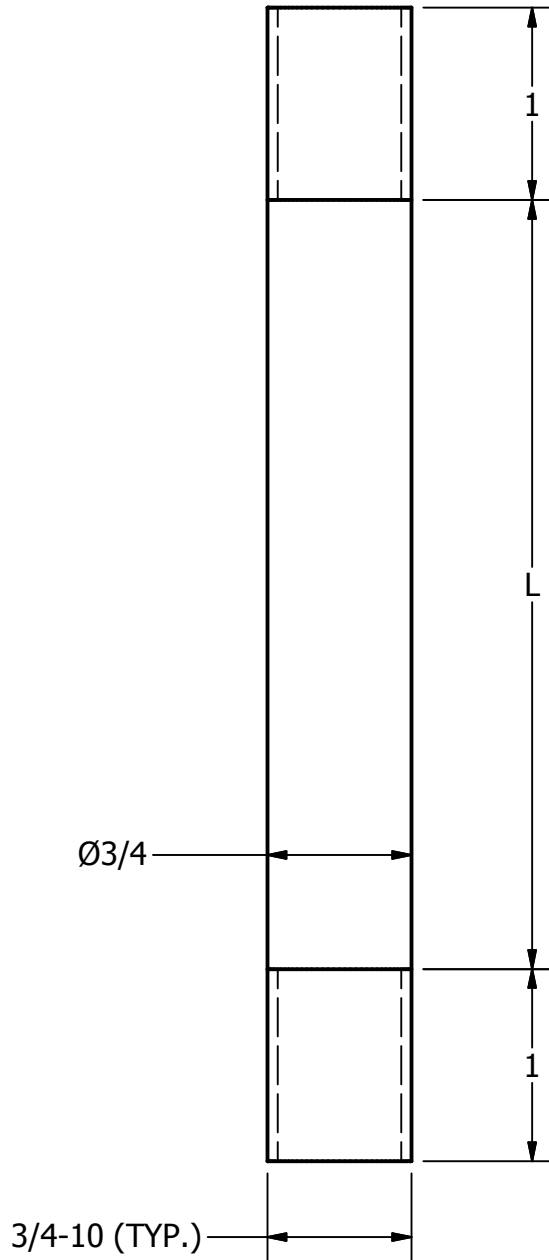
HA44-INC-L

1 OF 1

ITEM NO

DWG NO
D-8158

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MATERIAL
GALVANIZED STEEL

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
3	REDRAWN IN INVENTOR	5-17-10	NF	EP

DRN BY: BB
DRN DATE: 2-1-07
CHK BY: -
CHK DATE: -

F AFL

DOSSERT®

HANGER ROD

REV
3

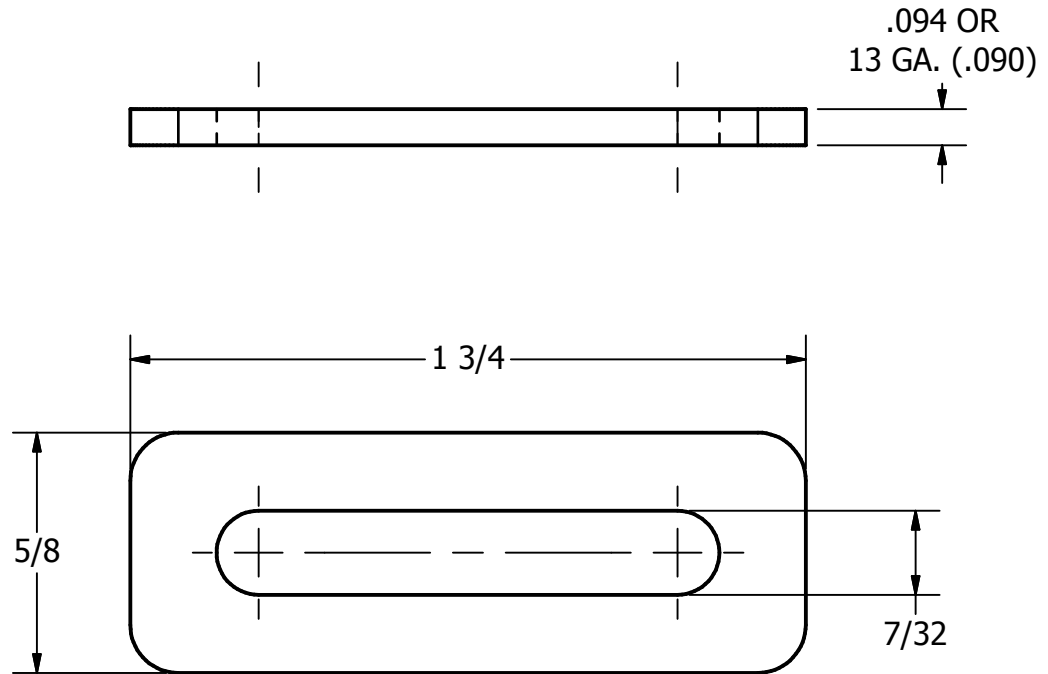
HAR75-L

1 OF 1

ITEM NO

DWG NO
D-7946

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MATERIAL
STAINLESS STEEL
ASTM A276

SCALE 2 : 1

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
1	RE-DRAWN IN INVENTOR	9-29-09	BH	EP

DRN BY:
ET
DRN DATE:
4-1-93
CHK BY:
MH
CHK DATE:
4-2-93

FAFL**DOSSERT®**

HANGER KEEPER

REV
1

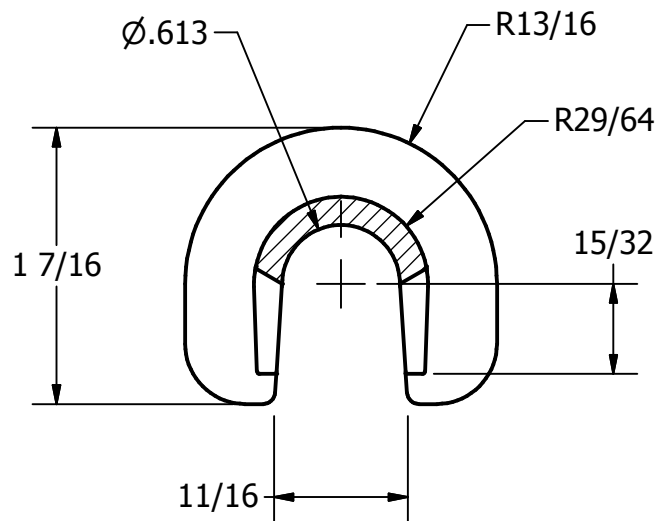
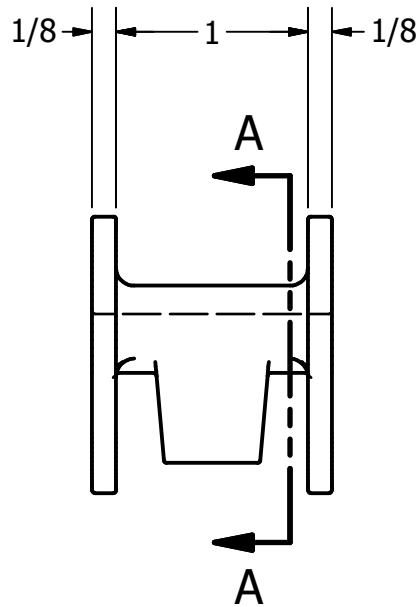
HK19-S

1 OF 1

ITEM NO

DWG NO
D-7052

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SECTION A-A

CABLE SIZE
4/0 COPPERWELD-COPPER
CLASS "E"
19 STR (7CW AND 12CU-.613D)

MATERIAL
PURE COPPER
ASTM B584

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
2	RE-DRAWN IN INVENTOR	9-23-09	BH	

DRN BY:
ES
DRN DATE:
11/05/1985
CHK BY:

CHK DATE:
11/06/1985

FAFL
DOSSERT®

HANGER RETAINER 4/0 MW

REV
2

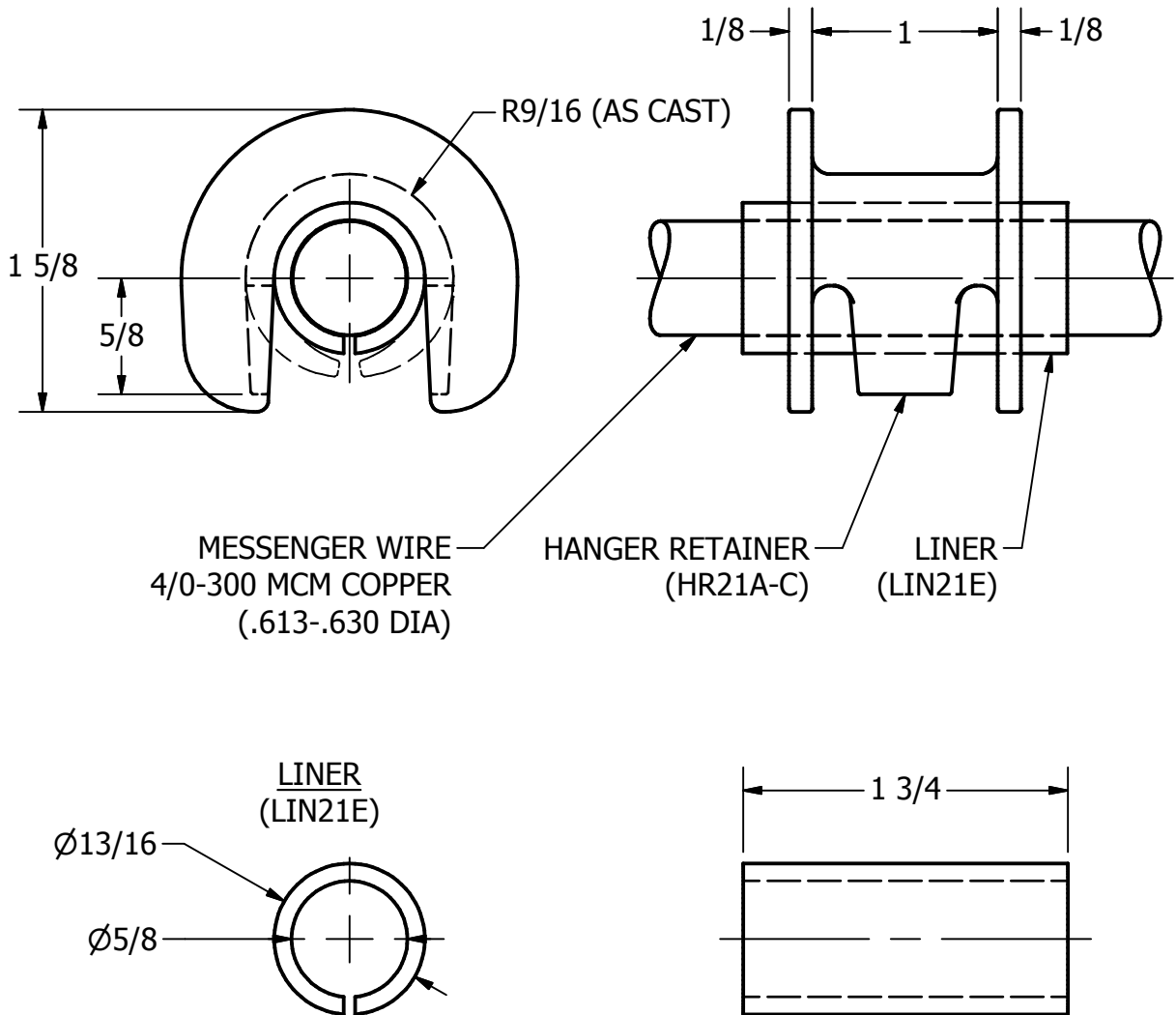
HR21E-C

1 OF 1

ITEM NO

DWG NO
D-7250

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MATERIAL
HANGER RETAINER - PURE COPPER (ETP)
LINER - NEOPRENE TUBING

0.25 LB

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
3	REDRAWN IN INVENTOR	4-20-10	NF	EP

DRN BY:
BB
DRN DATE:
3-22-93
CHK BY:
JS
CHK DATE:
3-22-93

F AFL**DOSSERT®**

HANGER, RETAINER AND LINER, MW 4/0

REV
3

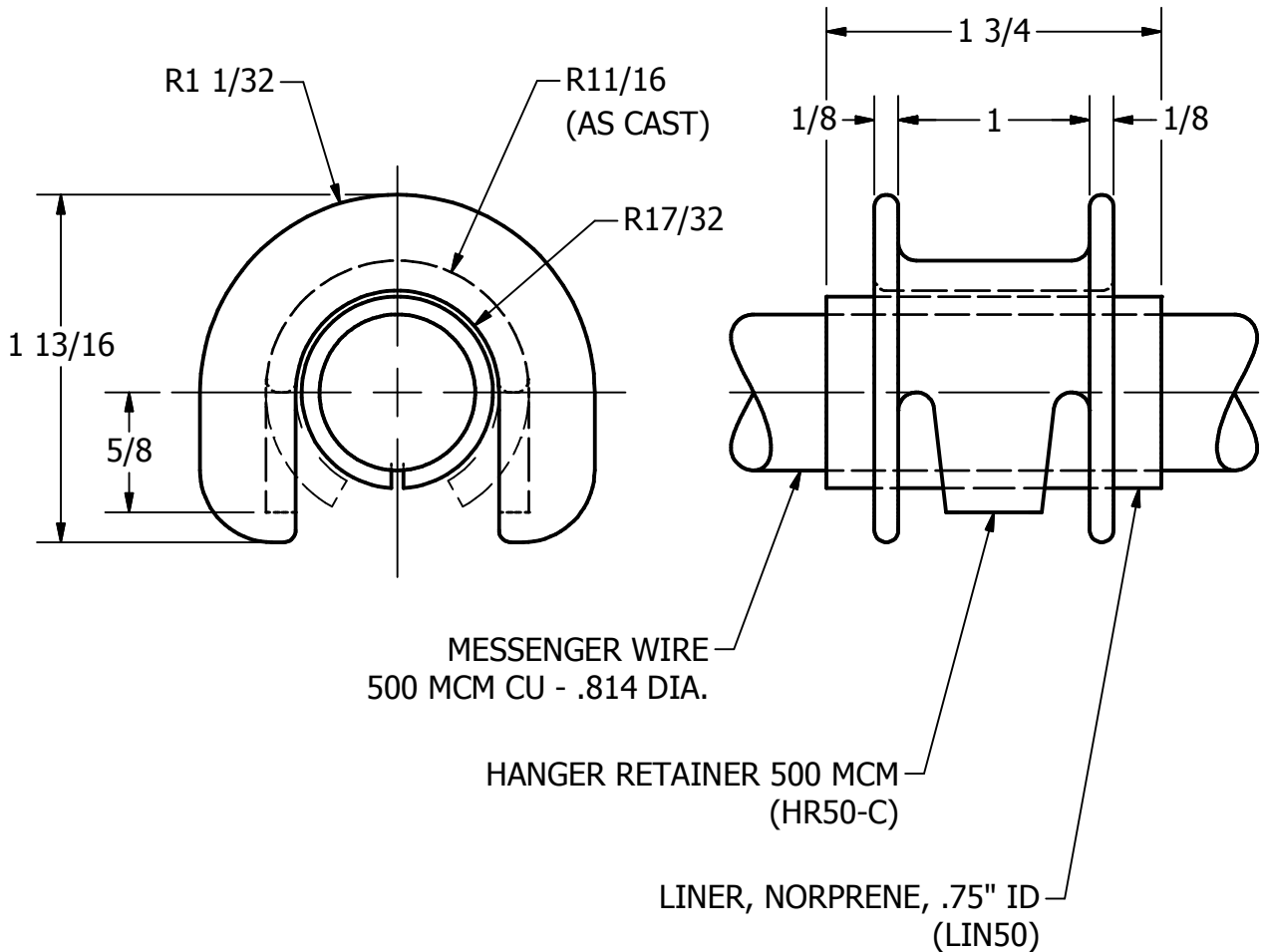
HR21E-C-L-S

1 OF 1

ITEM NO

DWG NO
D-7829

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LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
1	RE-DRAWN IN INVENTOR	9-25-09	BH	EP

DRN BY:
ET
DRN DATE:
9/28/00
CHK BY:

CHK DATE:

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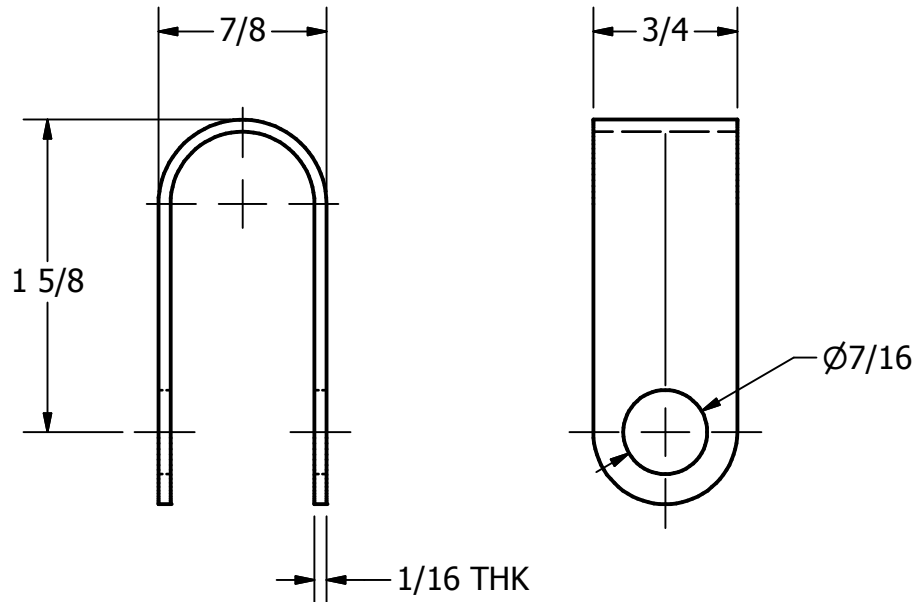
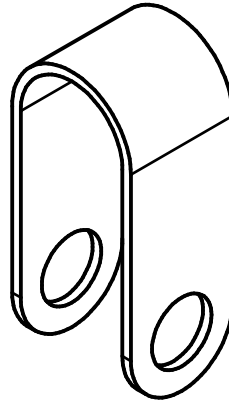
HANGER RETAINER AND LINER 500 MCM MW

REV
1

HR50-C-L-S

1 OF 1

ITEM NO

DWG NO
D-7751

MATERIAL
PURE COPPER

SCALE 1 : 1

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LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
1	RE-DRAWN IN INVENTOR	10-15-09	BH	EP

DRN BY:
ET
DRN DATE:
4-20-99
CHK BY:
AG
CHK DATE:
4-21-99

FAFL**DOSSERT®**

CLIP, MESSENGER LINE

REV
1

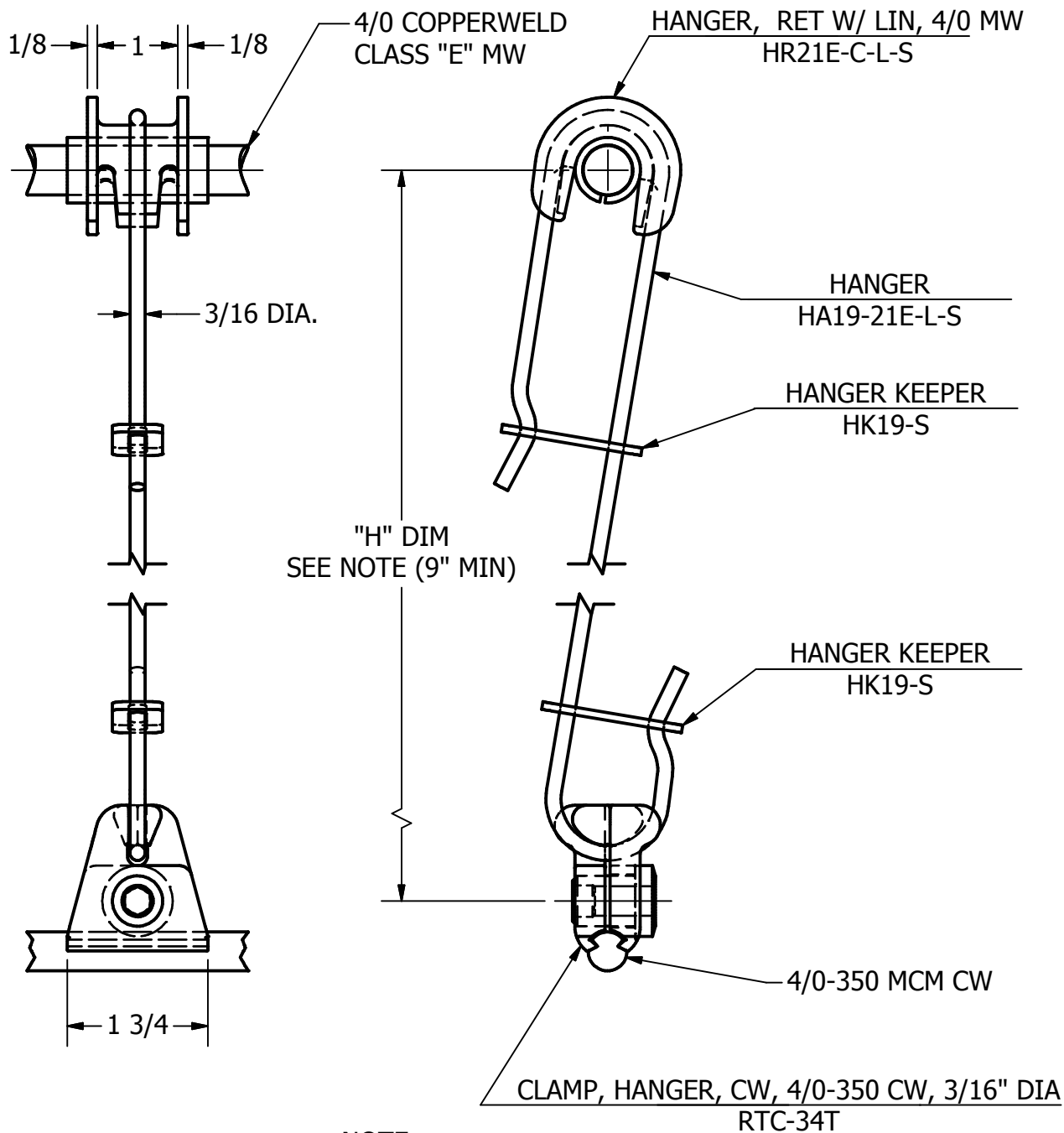
HR50-HAN3

1 OF 1

ITEM NO

DWG NO

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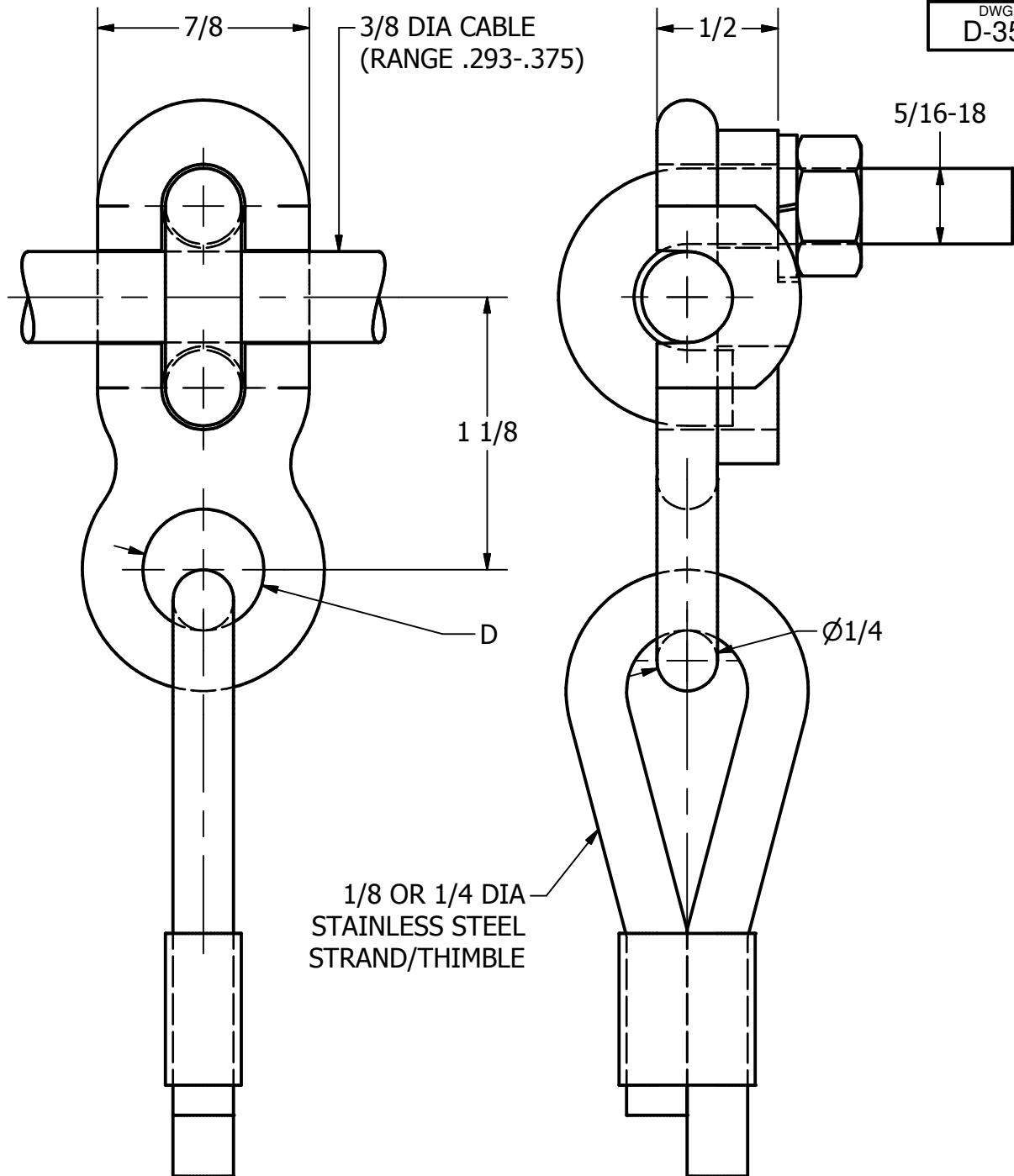


NOTE:
FOR "H" DIM SEE CONTRACT

SCALE 1 / 2

LOCATION					CONTRACT NO		CUST / CONTR	
REVISIONS					DRN BY: CYR DRN DATE: 3/22/1993 CHK BY: RL CHK DATE: 3/23/1993			
REV	DESCRIPTION	DATE	BY	APR				
6	RE-DRAWN IN INVENTOR	9/22/09	BH		FAFL DOSSERT® HANGER, ASSEMBLY, 4/0 MW, 4/0-350 CW			
					REV 6	HRA21E-C-L-S		1 OF 1

ITEM NO

DWG NO
D-3547

1/8 OR 1/4 DIA
STAINLESS STEEL
STRAND/THIMBLE

STEEL STRAND DIA.	CATALOG NO.	D
1/8"	MHC-38-12	3/8"
1/4"	MHC-38-25	1/2"

MATERIAL

HANGER - ALUMINUM BRONZE ASTM B30
J-BOLT, NUT, AND L. WASHER - SILICON
BRONZE

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
4	REDRAWN IN INVENTOR	4-20-10	NF	EP

DRN BY:
ES
DRN DATE:
1-20-75
CHK BY:
JS
CHK DATE:
1-21-75

FAFL**DOSSERT®**

MESSENGER HANGER CLAMP, MW 3/8" DIA

REV
4

MHC-38 SERIES

1 OF 1

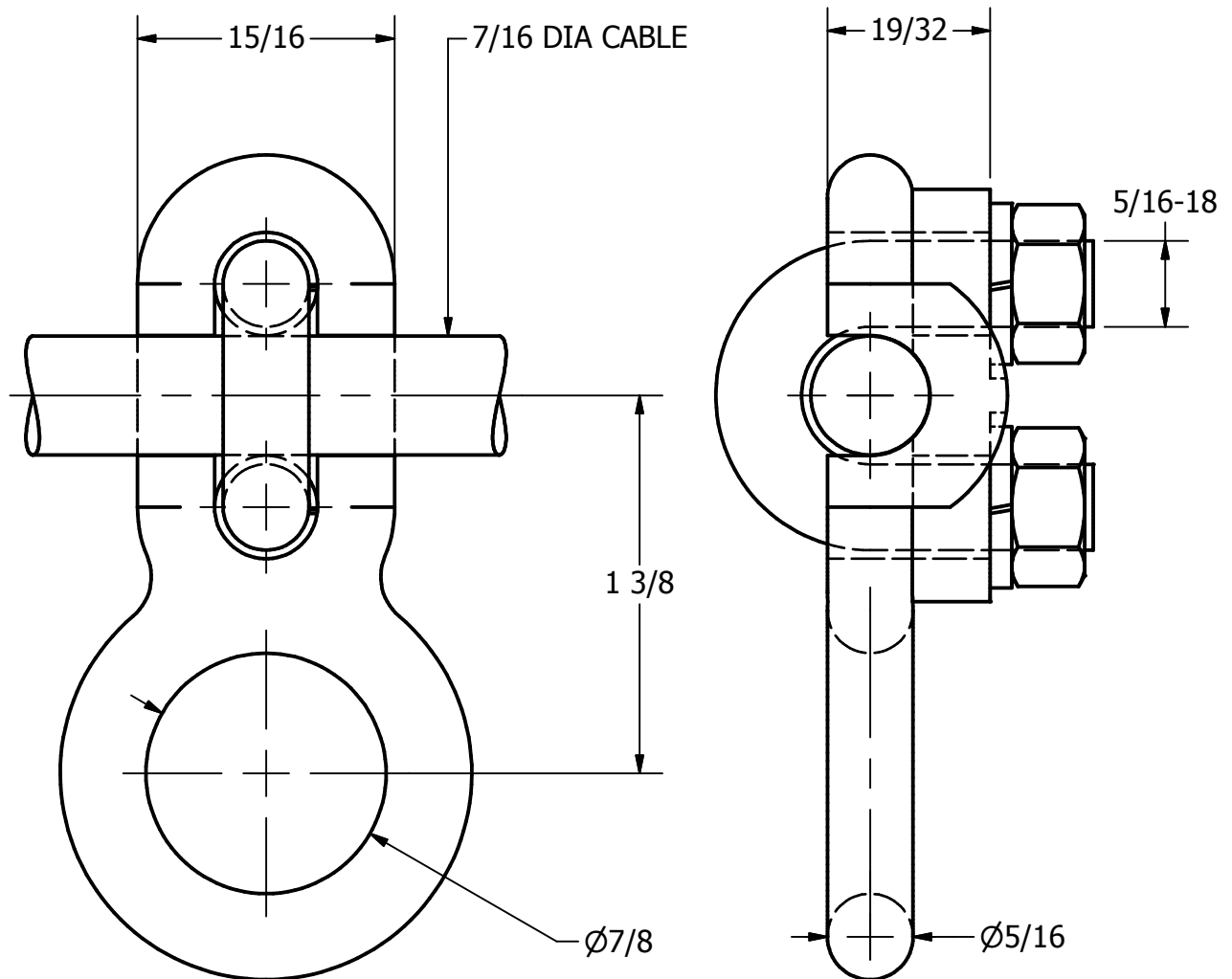
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ITEM NO

DWG NO

D-6419

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MATERIAL

HANGER - ALUMINUM BRONZE ASTM B30

U-BOLT, NUT, AND L. WASHER - SILICON BRONZE

0.30 LB

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
2	REDRAWN IN INVENTOR	4-20-10	NF	EP

DRN BY:
PG
DRN DATE:
5-21-86
CHK BY:
JS
CHK DATE:
5-21-86

AFL

DOSSERT®

MESSANGER HANGER CLAMP, MW 7/16" DIA

REV
2

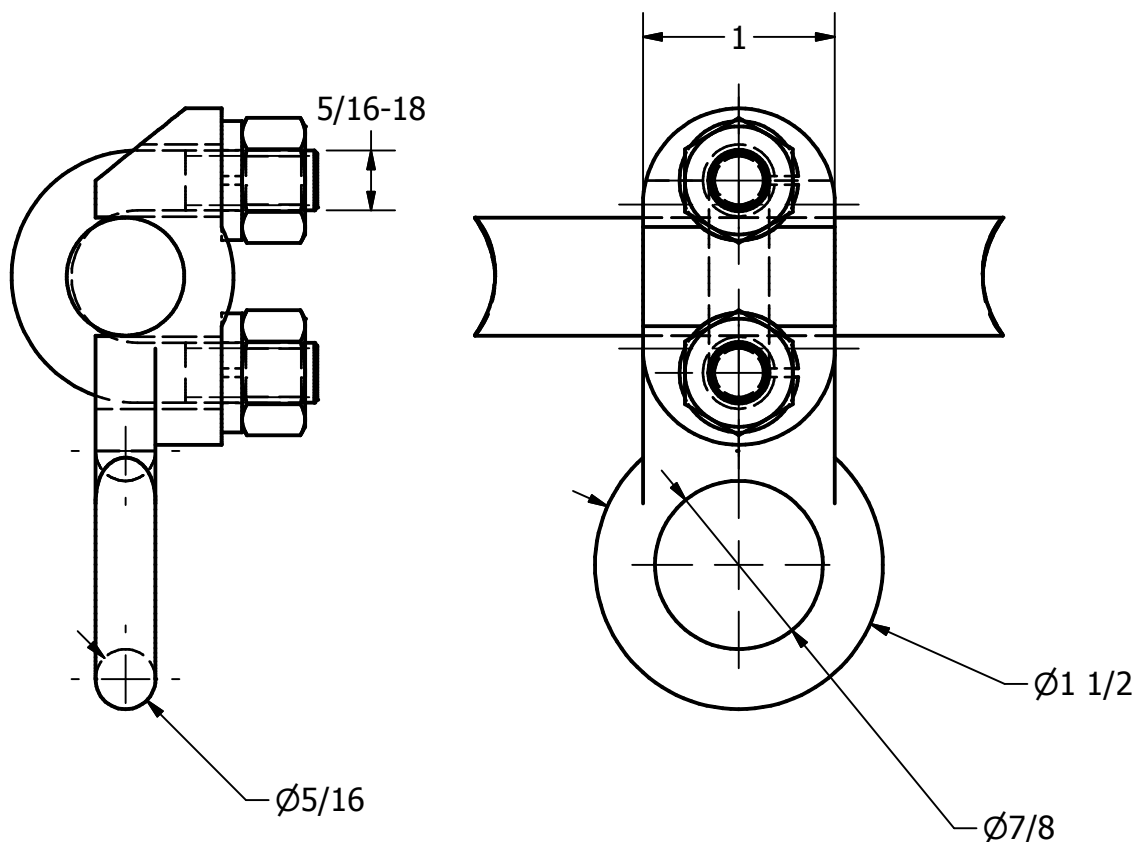
MHC44-87

1 OF 1

ITEM NO

DWG NO
D-6898

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MATERIAL
ALUMINUM BRONZE
ASTM B30,
T.S.(MIN) 75,000 PSI
Y.S.(MIN) 30,000 PSI
U-BOLTS, NUTS, & LOCK
WASHERS SILICONE BROZE

CABLE SIZE
.613 DIA C.W.

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
2	RE-DRAWN IN INVENTOR	1-7-10	L.K.	EP

DRN BY:
MS
DRN DATE:
3-19-90
CHK BY:
HJ
CHK DATE:
3-19-90

FAFL**DOSSERT®**

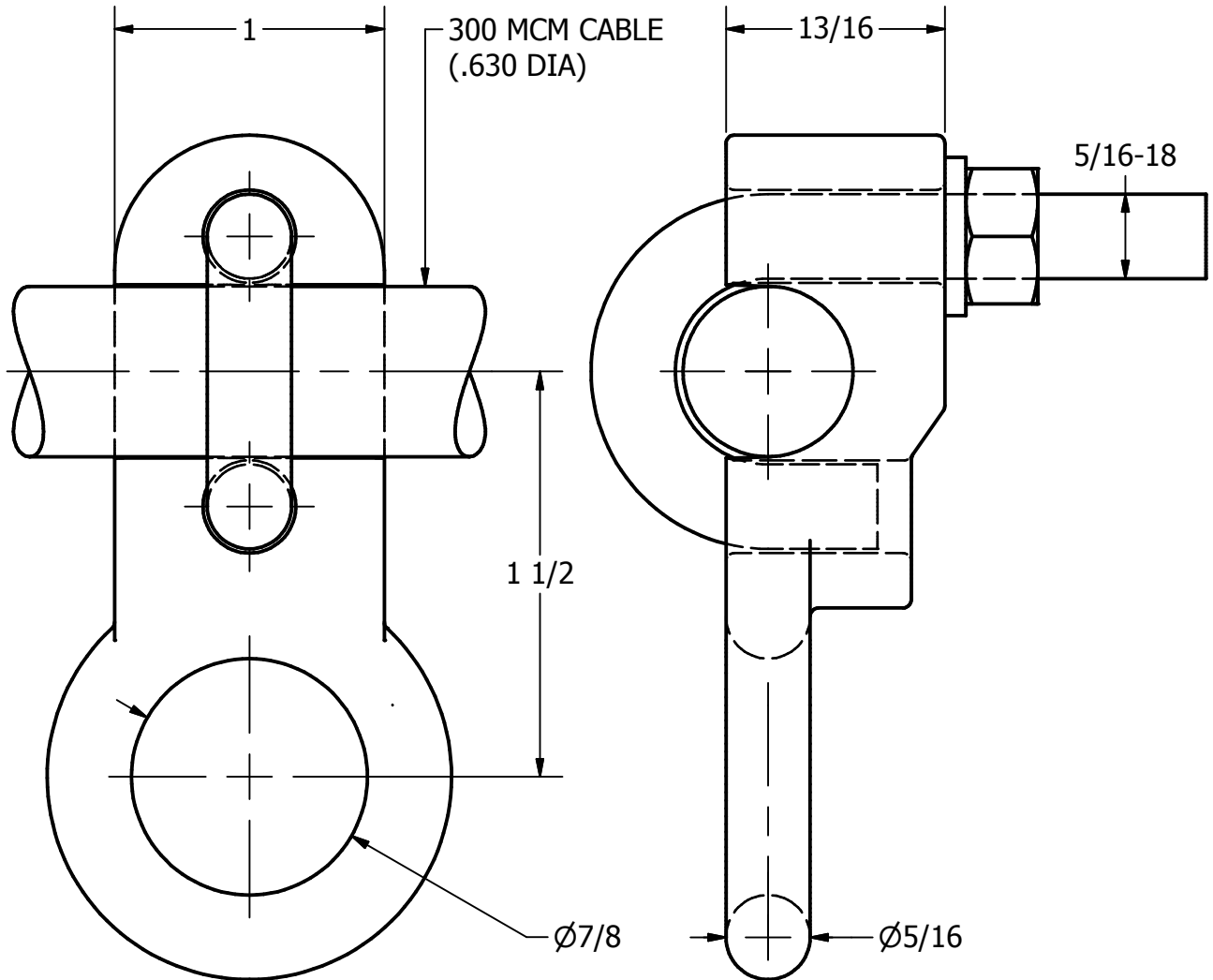
CLAMP, MESSENGER HANGER

REV
2

MHC 61-87

1 OF 1

ITEM NO

DWG NO
D-7581MATERIAL

HANGER - ALUMINUM BRONZE ASTM B30

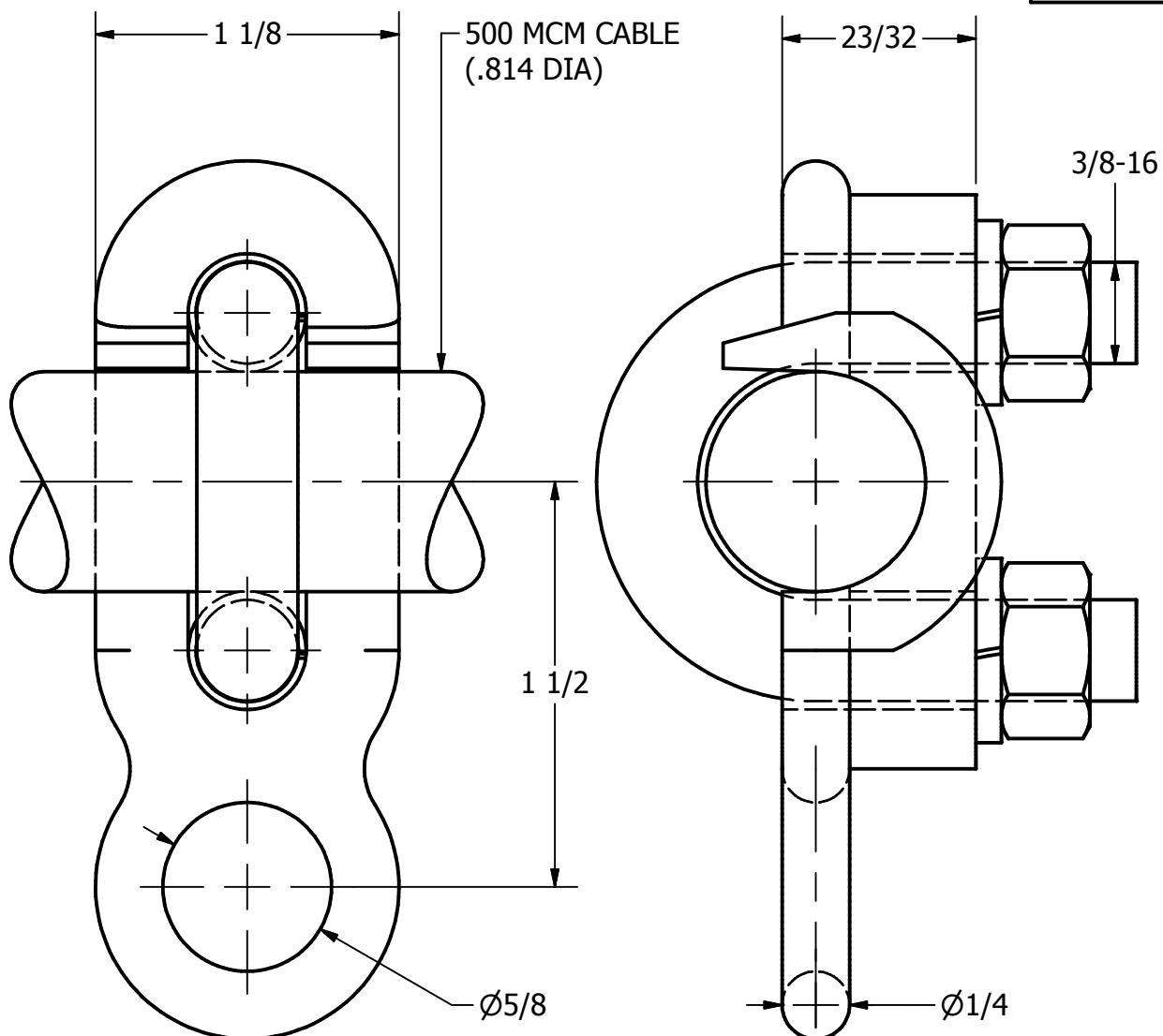
J-BOLT, NUT, AND L. WASHER - SILICON BRONZE

0.40 LB

LOCATION					CONTRACT NO		CUST / CONTR	
REVISIONS					DRN BY: ET DRN DATE: 3-12-97 CHK BY: AG CHK DATE: 3-13-97	FAFL DOSSERT®		
REV	DESCRIPTION	DATE	BY	APR				
1	REDRAWN IN INVENTOR	4-20-10	NF	EP		MESSENGER HANGER CLAMP, MW .630 DIA		
					REV 1	MHC63-87-J		1 OF 1

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ITEM NO

DWG NO
D-6319MATERIAL

HANGER - ALUMINUM BRONZE ASTM B30

U-BOLT, NUT, AND L. WASHER - SILICON BRONZE

0.45 LB

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
3	REDRAWN IN INVENTOR	4-20-10	NF	EP

DRN BY:
PG
DRN DATE:
7-11-85
CHK BY:
IJ
CHK DATE:
7-11-85

FAFL**DOSSERT®**

MESSENGER HANGER CLAMP, .814 DIA

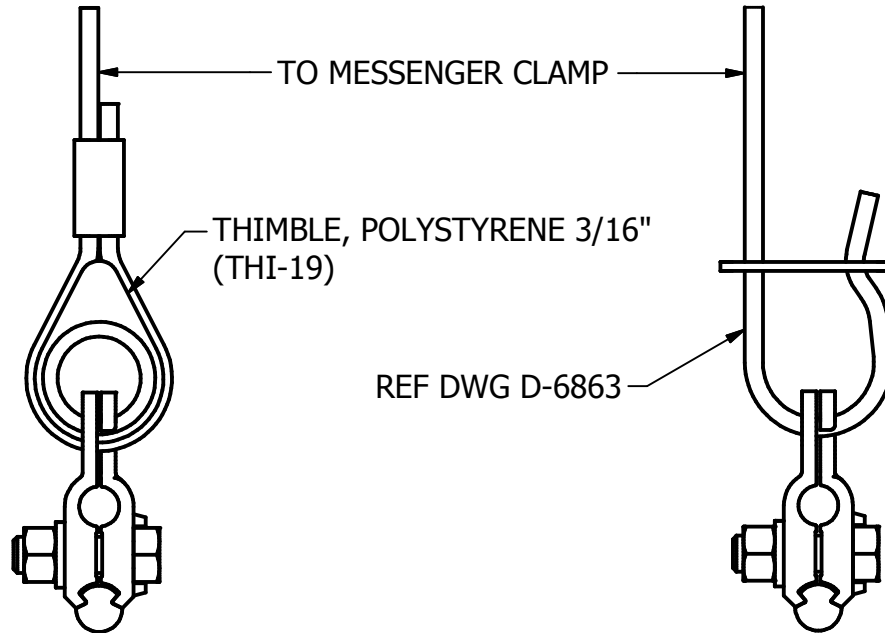
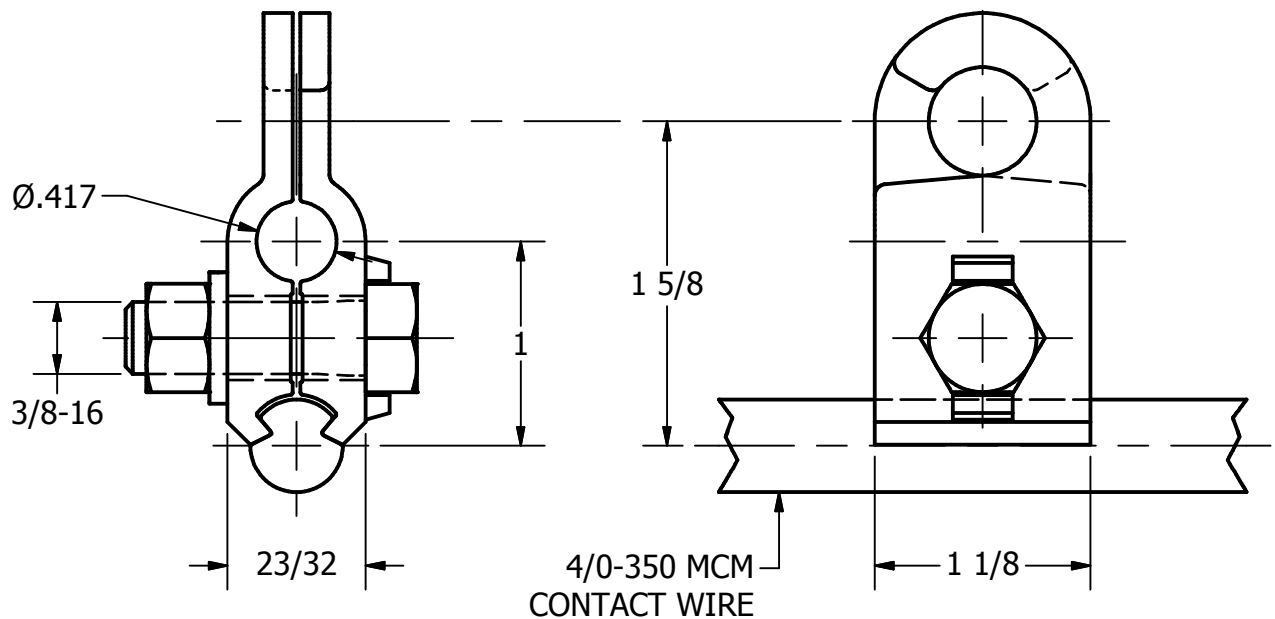
REV
3

MHC81-19

1 OF 1

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ITEM NO

DWG NO
D-6697WIRE HANGERROD HANGERMATERIAL

ALUMINUM BRONZE ASTM B30

BOLT, NUT AND L. WASHER - SILICON BRONZE

0.60 LB

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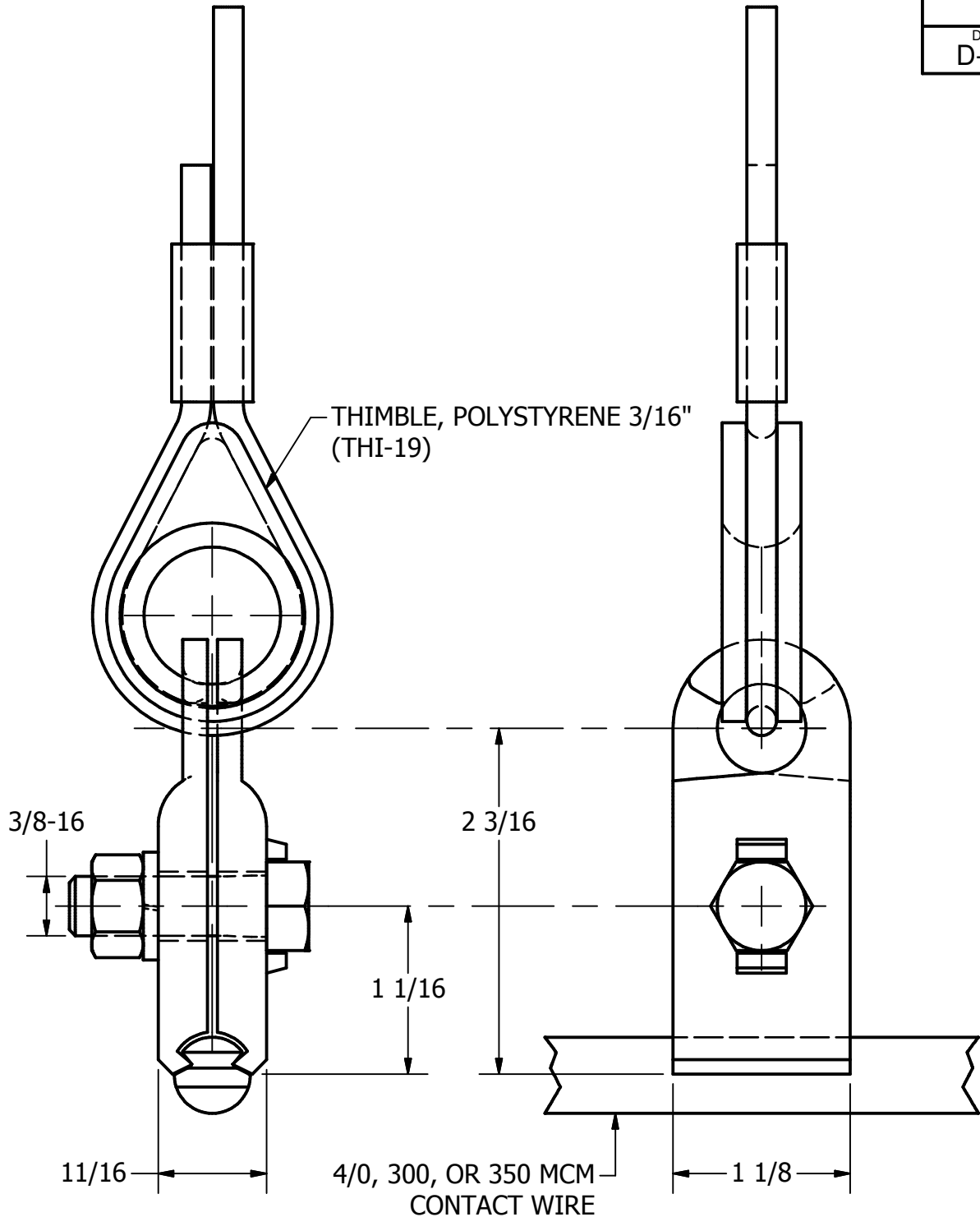
LOCATION					CONTRACT NO		CUST / CONTR	
REVISIONS					DRN BY: KH DRN DATE: 6-14-86 CHK BY: JS CHK DATE: 6-14-86	FAFL DOSSERT[®]		
REV	DESCRIPTION	DATE	BY	APR		CLAMP, HANGER, CW, 4/0-350MCM		
2	REDRAWN IN INVENTOR	4-29-10	NF	EP				
						REV 2	OTC-34T	

DRN BY: KH
 DRN DATE: 6-14-86
 CHK BY: JS
 CHK DATE: 6-14-86

ITEM NO

DWG NO
D-7597

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0.42 LB

MATERIAL

HANGER - ALUMINUM BRONZE ASTM B30

U-BOLT, NUT, AND L. WASHER - SILICON BRONZE

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
2	REDRAWN IN INVENTOR	4-20-10	NF	EP

DRN BY:
ET
DRN DATE:
5-5-97
CHK BY:
FW
CHK DATE:
5-5-97

FAFL**DOSSERT®**

CLAMP, HANGER, CW

REV
2

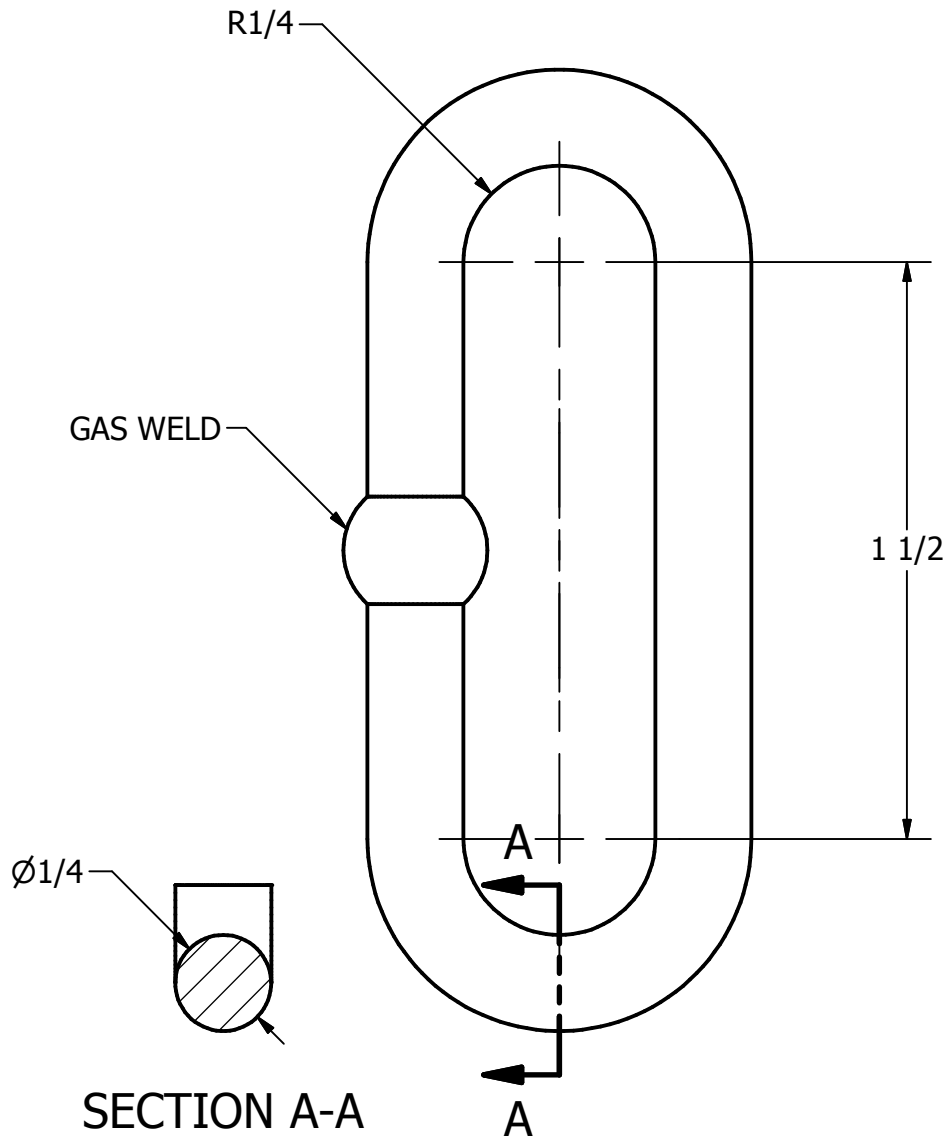
OTC34T-106

1 OF 1

ITEM NO

DWG NO

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MATERIAL
STAINLESS STEEL 304

.01 LB

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR

DRN BY:
NF
DRN DATE:
5-18-10
CHK BY:
EP
CHK DATE:
5-18-10

FAFL**DOSSERT®**

CLOSED LOOP HANGER

REV
0

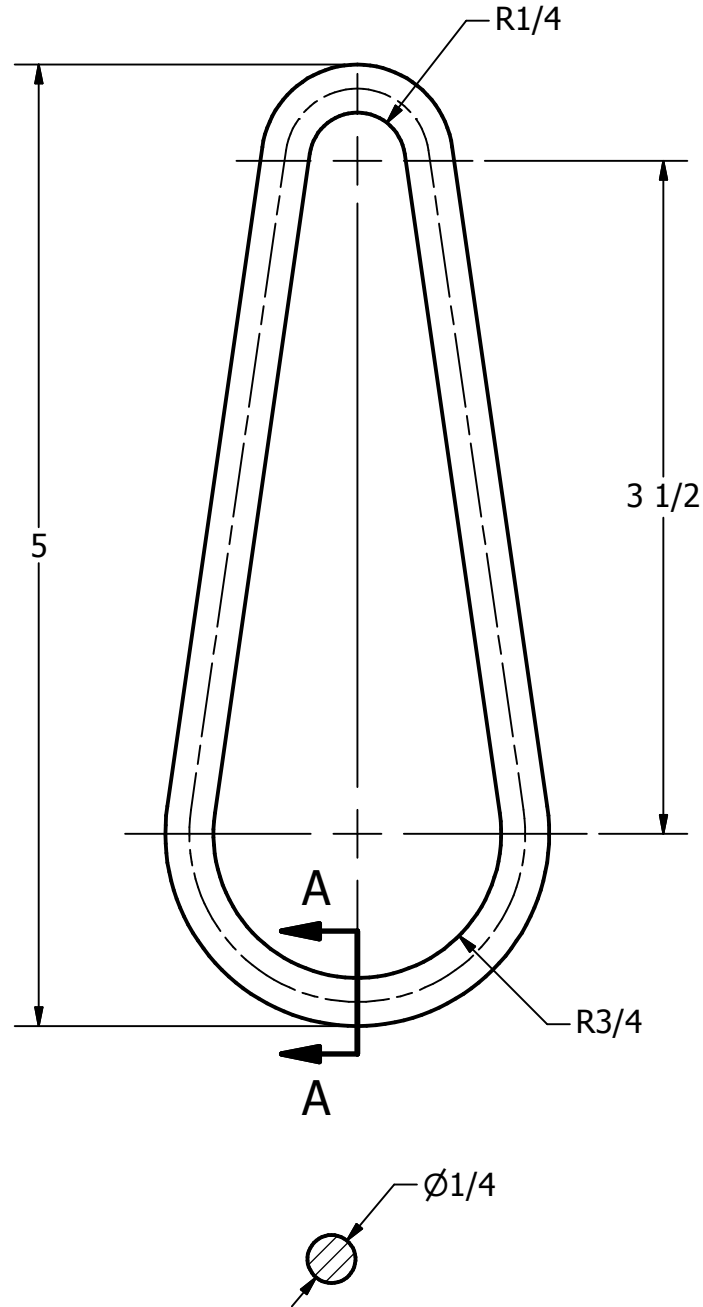
R25-25-2 1/2

1 OF 1

ITEM NO

DWG NO

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MATERIAL
STAINLESS STEEL

SECTION A-A

SCALE 1 : 1

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR

DRN BY:
BH
DRN DATE:
10-21-09
CHK BY:

CHK DATE:

F AFL**DOSSERT®**

HANGER, CLOSED LOOP, SS

REV
0

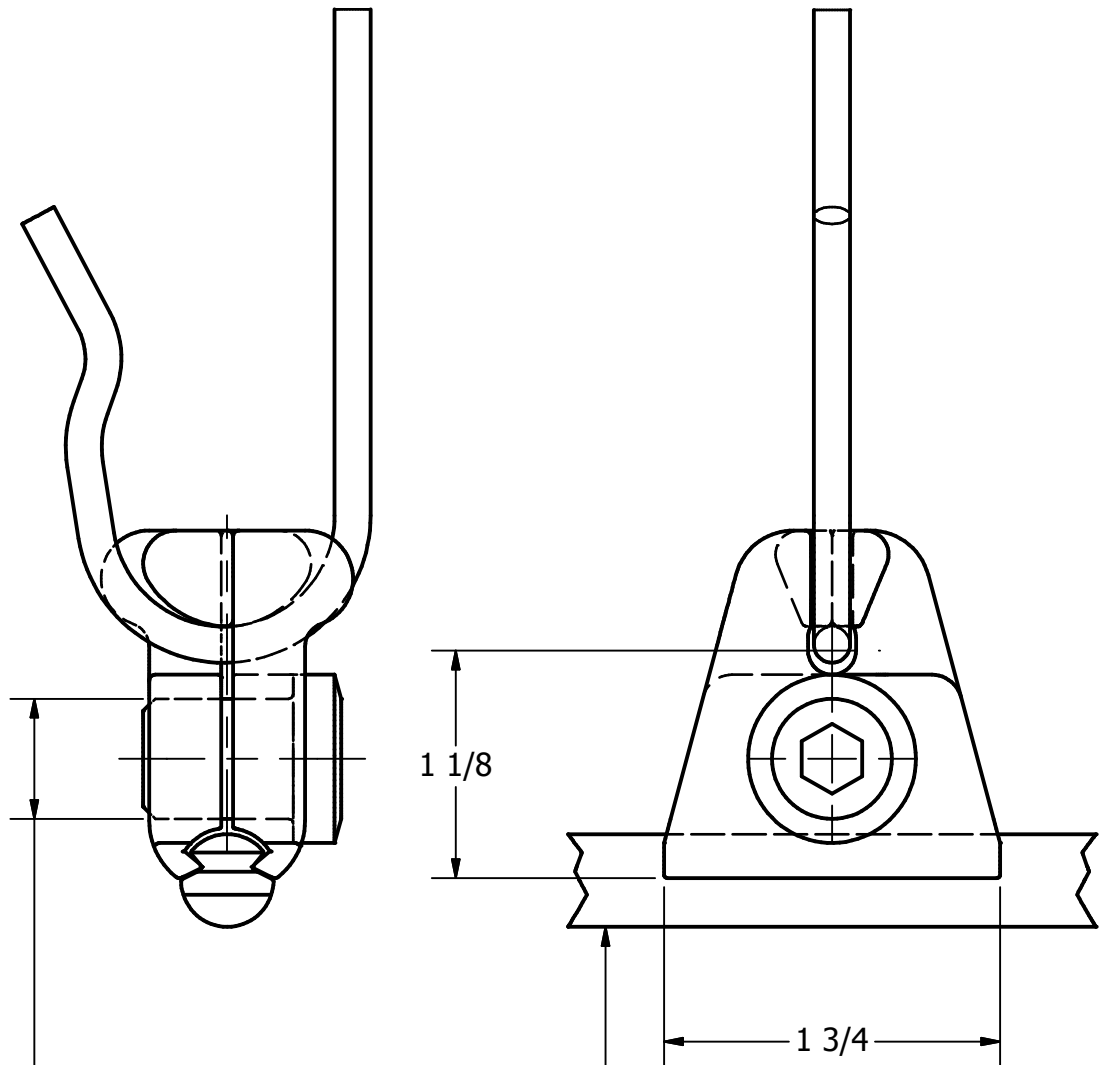
R25-75-5

1 OF 1

ITEM NO

DWG NO
D-7254

Ø3/16 HANGER

STUD, 5/8-18NF-2A, ST STL
(SCAT-63-SS)

4/0-350 MCM CONTACT WIRE

MATERIAL
ALUMINUM BRONZE ASTM B30
TORQUE STUD TO 45 FT-LBS

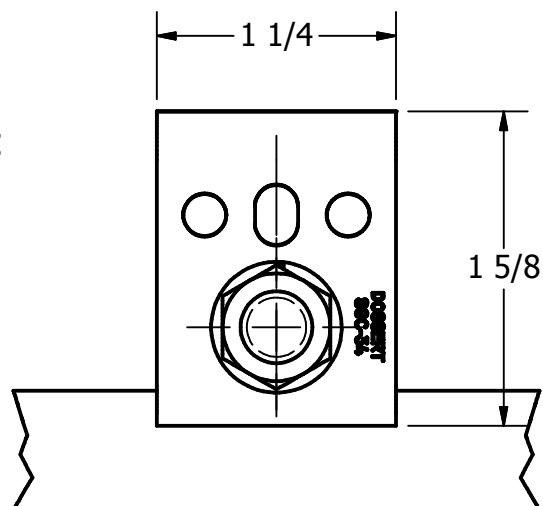
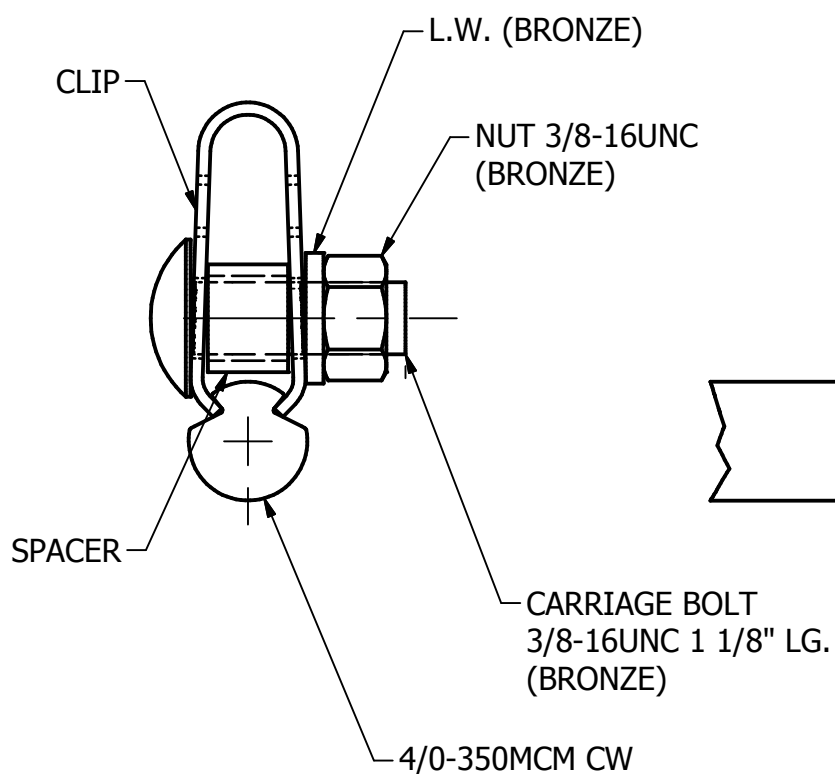
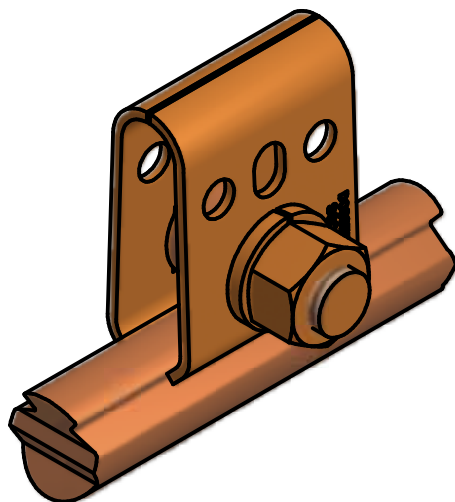
0.42 LB

LOCATION					CONTRACT NO		CUST / CONTR	
REVISIONS					DRN BY: BB DRN DATE: 4-15-93 CHK BY: RL CHK DATE: 4-15-93	FAFL DOSSERT® CLAMP, HANGER, CW 4/0, 3/16 DIA ROD		
REV	DESCRIPTION	DATE	BY	APR		REV	RTC34T	
2	REDRAWN IN INVENTOR	4-27-10	NF	EP		2	1 OF 1	

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ITEM NO

DWG NO

**NOTE:**

CAN BE USED ON WIRE ROPE OR SOLID ROD HANGERS
SINGLE ROD, LOOP ROD OR WIRE (W/ OPTIONAL BAIL CONNECTOR)

MATERIAL: SPRING BRONZE**SCALE:** 1:1

LOCATION					CONTRACT NO		CUST / CONTR	
REVISIONS					DRN BY: BH DRN DATE: 11-05-09 CHK BY: EP CHK DATE: 11-05-09	FAFL DOSSERT® CLAMP, CW, SPRING CLIP, 4/0-350 MCM CW		
REV	DESCRIPTION	DATE	BY	APR				
					REV 0	SGC-34T		1 OF 1

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