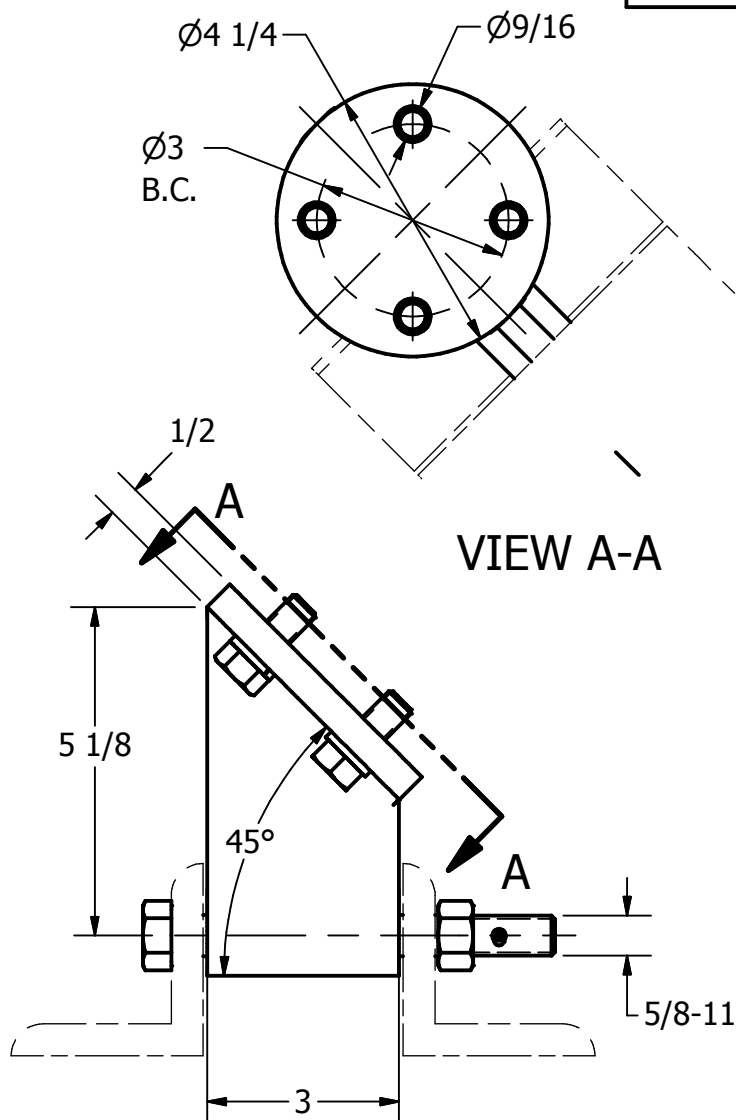
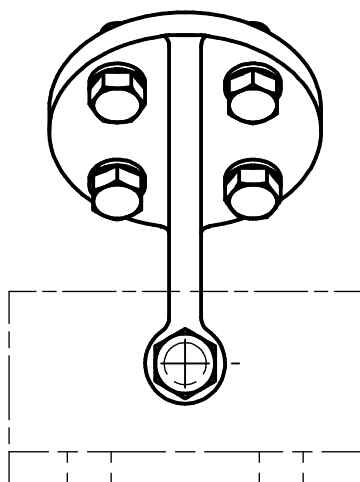




5.6 LBS

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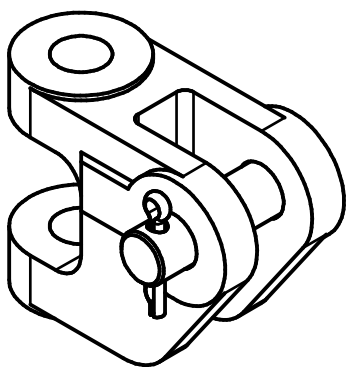
LOCATION						CONTRACT NO		CUST / CONTR	
REVISONS						F AFL DOSSERT® ADAPTOR, HINGED ANGULAR			
REV	DESCRIPTION	DATE	BY	APR	DRN BY: CV				
3	RE-DRAWN IN INVENTOR	2-11-10	LK	EP	DRN DATE: 5-22-91				
					CHK BY: HJ				
					CHK DATE: 5-22-91				
						REV 3	HAA45-3-S		1 OF 1

ITEM NO

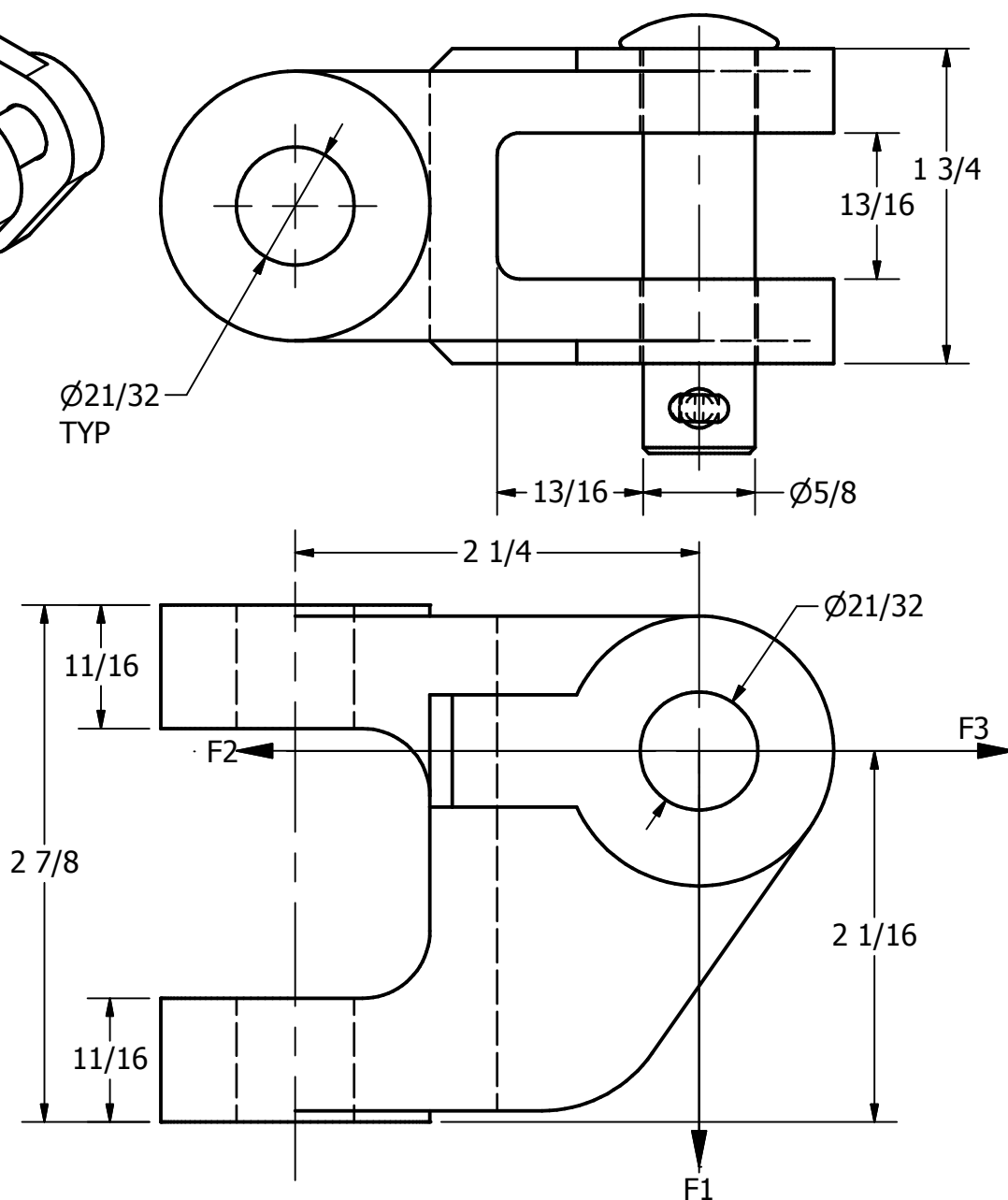
DWG NO

D-6389

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Ø21/32
TYP

**MATERIAL:**

ALUMINUM BRONZE ASTM B30

CLEVIS PIN-GALVANIZED STEEL

COTTER KEY-STAINLESS STEEL

MIN ULTIMATE STRENGTH LOAD

F1=14,550 LBS

F2=32,920 LBS

F3=25,320 LBS

2.41 LBS

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
3	RE-DRAWN IN INVENTOR	12-30-09	LK	EP

DRN BY:
CHG
DRN DATE:
7-6-86
CHK BY:
HJ
CHK DATE:
7-6-86

FAFL**DOSSERT®**

HINGE FOR SUPPORTING ARM

REV
3

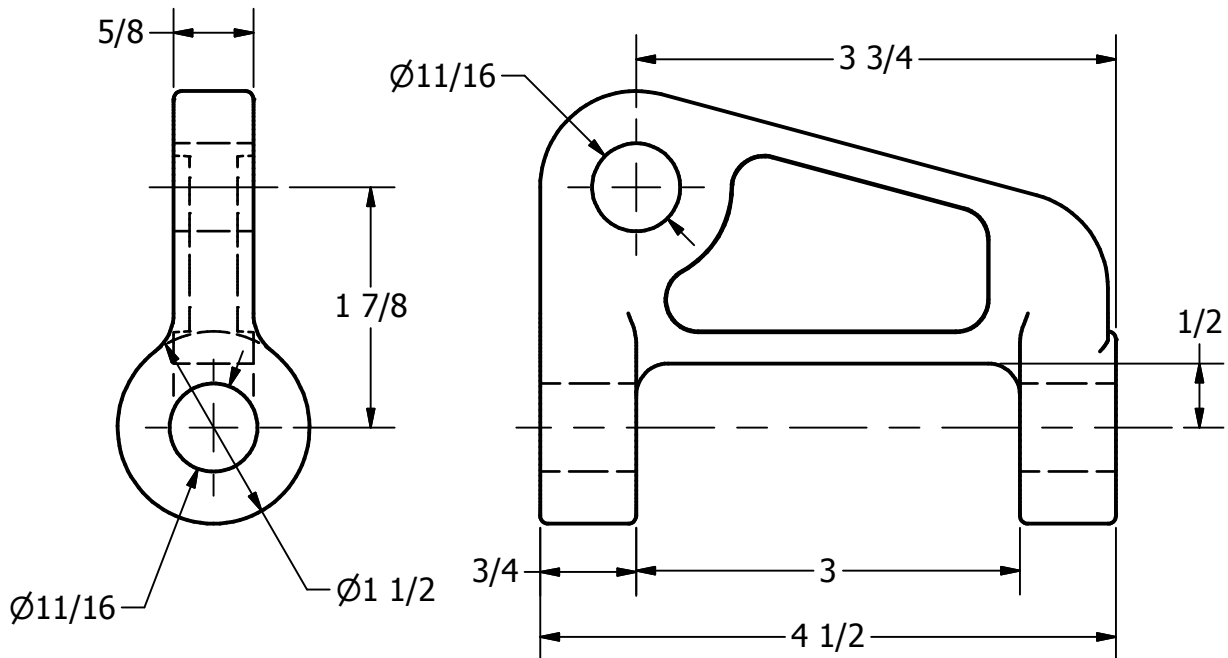
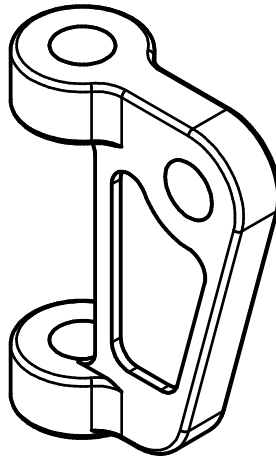
HCB63-28-C

1 OF 1

ITEM NO

DWG NO

D-6036

**MATERIAL:**

ALUMINUM BRONZE ASTM B30

MAX. WORKING LOAD F=13,500 LBS

1.83 LBS

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
2	RE-DRAWN IN INVENTOR	2-12-10	LK	EP

DRN BY:
ES
DRN DATE:
6-6-83
CHK BY:
HJ
CHK DATE:
6-6-83

FAFL**DOSSERT®**

HINGE, FOR CANTILEVER ASSEMBLY

REV
2

HCB63-44

1 OF 1

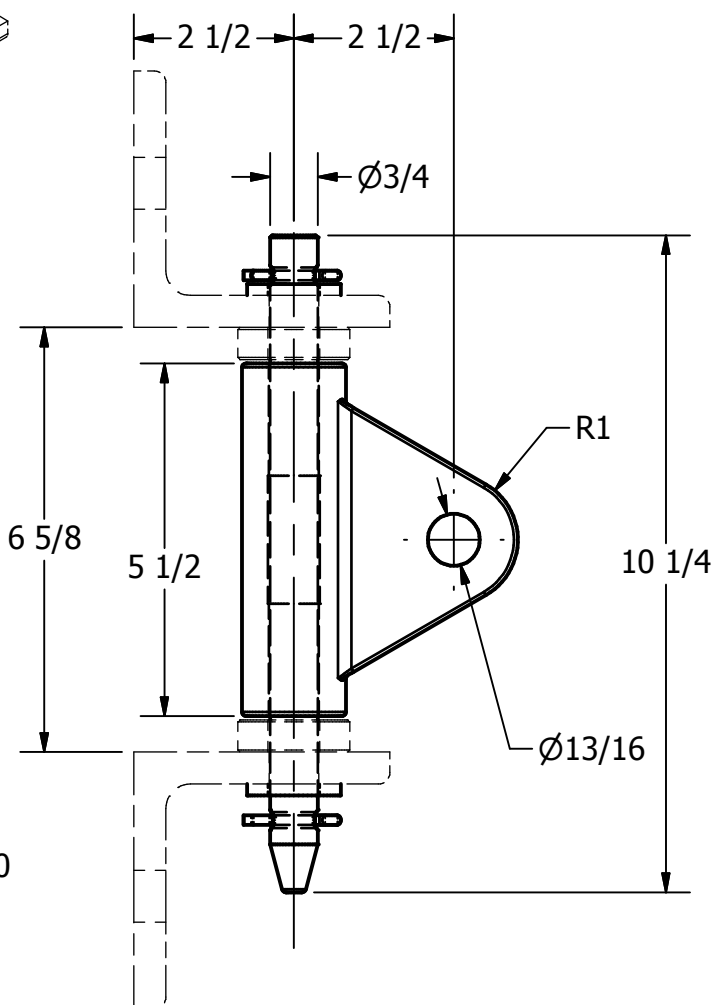
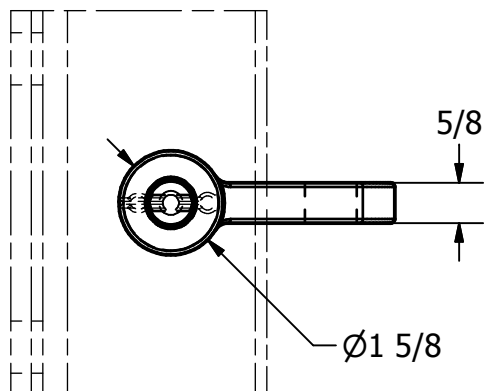
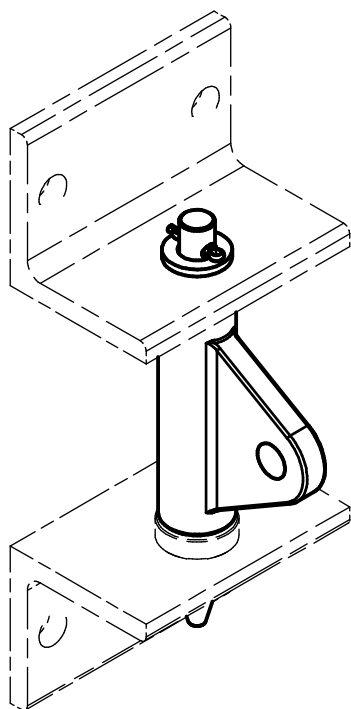
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ITEM NO

DWG NO

B-5778

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MATERIAL:
ALUMINUM BRONZE ASTM B30

HINGE PIN-STAINLESS STEEL
WASHER-GALVANIZED STEEL
COTTER PIN-STAINLESS STEEL

5.59 LBS

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
4	RE-DRAWN IN INVENTOR	2-15-10	LK	EP

DRN BY:
ES
DRN DATE:
3-4-81
CHK BY:
HJ
CHK DATE:
3-4-81

FAFL

DOSSERT®

HINGE, FOR CANTILEVER BRACKET

REV
4

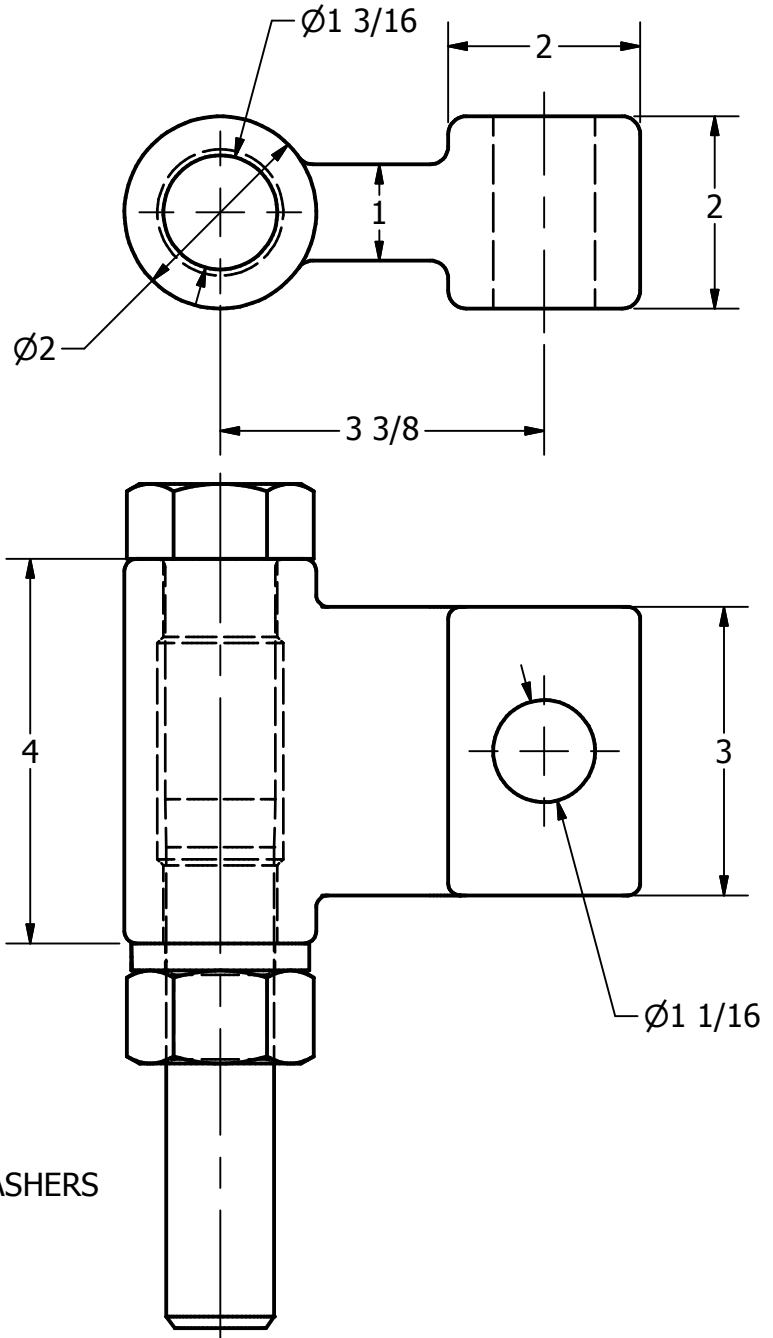
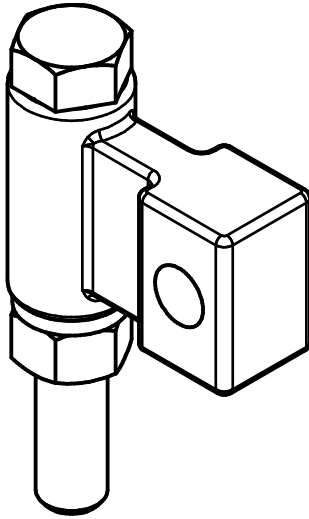
HCB75

1 OF 1

ITEM NO

DWG NO

D-7439



MATERIAL:
ALUMINUM BRONZE ASTM B30

HEX HD BOLT, NUTS, & LOCK WASHERS
- GALVANIZED STEEL

10.46 LBS

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
2	RE-DRAWN IN INVENTOR	2-16-10	LK	EP

DRN BY:
ES
DRN DATE:
4-1-81
CHK BY:
HJ
CHK DATE:
4-1-81

FAFL

DOSSERT®

HINGE, FOR BALANCE WEIGHT

REV
2

HCB118-100

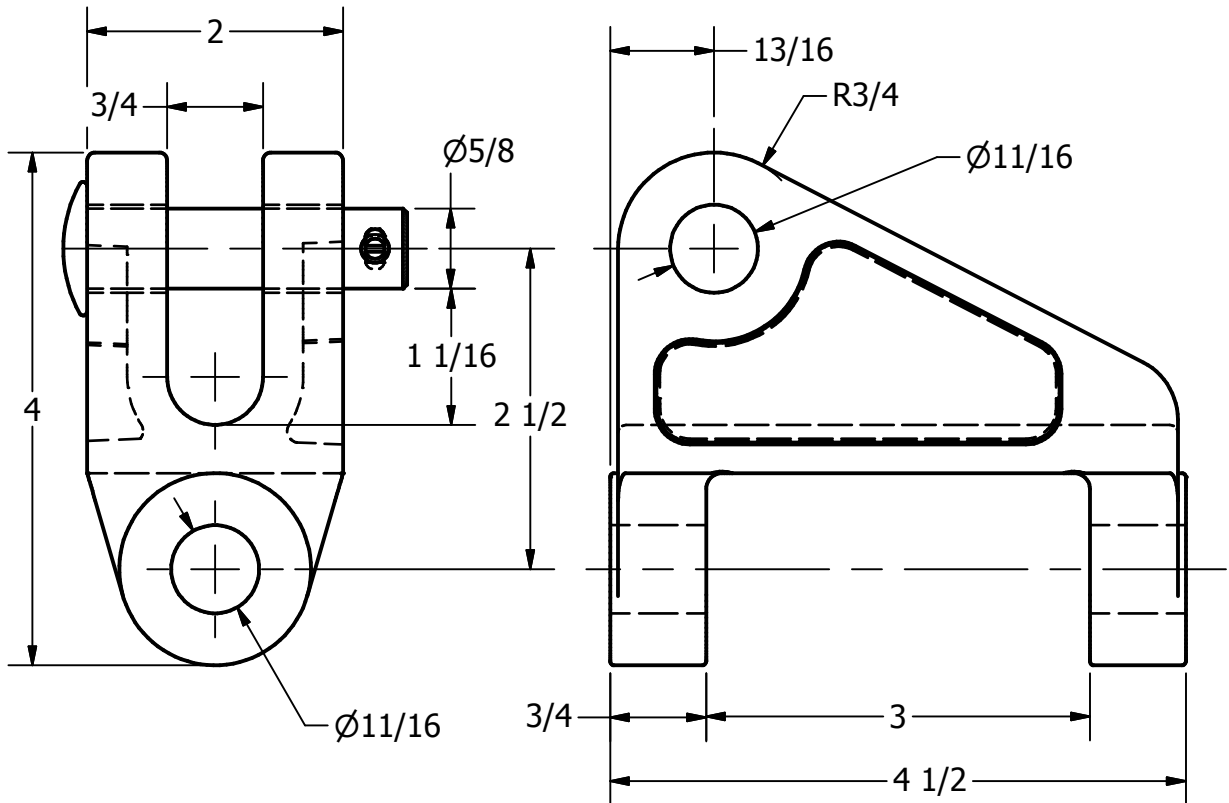
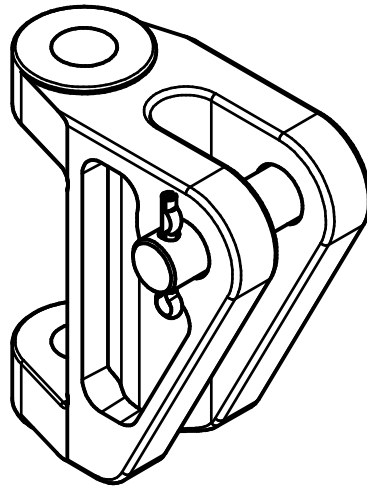
1 OF 1

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ITEM NO

DWG NO

D-5976

**MATERIAL:**

ALUMINUM BRONZE ASTM B30
CLEVIS PIN-GALVANIZED STEEL
COTTER KEY-STAINLESS STEEL

MAX. WORKING LOAD

F=16,800 LBS

3.83 LBS

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
2	RE-DRAWN IN INVENTOR	2-12-10	LK	EP

DRN BY:
ES
DRN DATE:
8-18-82
CHK BY:
HJ
CHK DATE:
8-18-82

FAFL**DOSSERT®**

HINGE FOR CANTILEVER ASSEMBLY

REV
2

HCB163-C-44

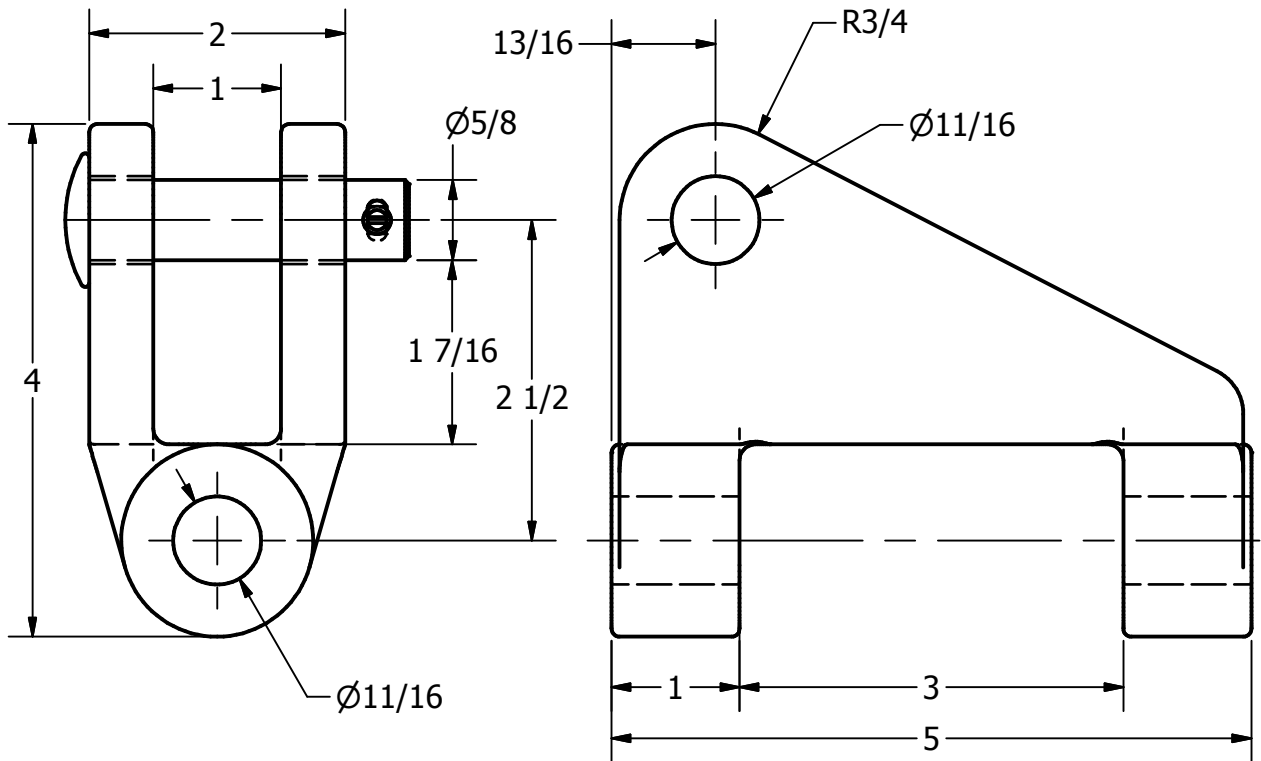
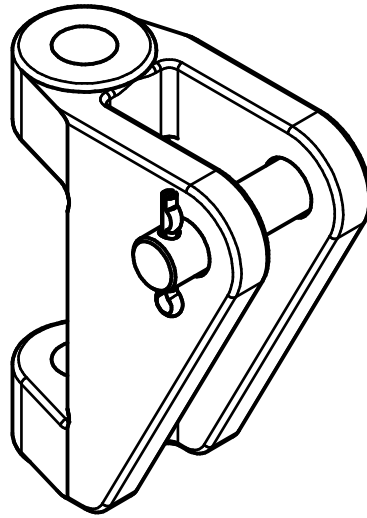
1 OF 1

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ITEM NO

DWG NO

D-5873

**MATERIAL:**

ALUMINUM BRONZE ASTM B30
 CLEVIS PIN-GALVANIZED STEEL
 COTTER KEY-STAINLESS STEEL

MAX. WORKING LOAD

F=19,100 LBS

3.86 LBS

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LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
5	RE-DRAWN IN INVENTOR	2-12-10	LK	EP

DRN BY:
ES
 DRN DATE:
8-18-82
 CHK BY:
HJ
 CHK DATE:
8-18-82

FAFL**DOSSERT®**

HINGE FOR CANTILEVER ASSEMBLY

REV
5

HCB163-C-50

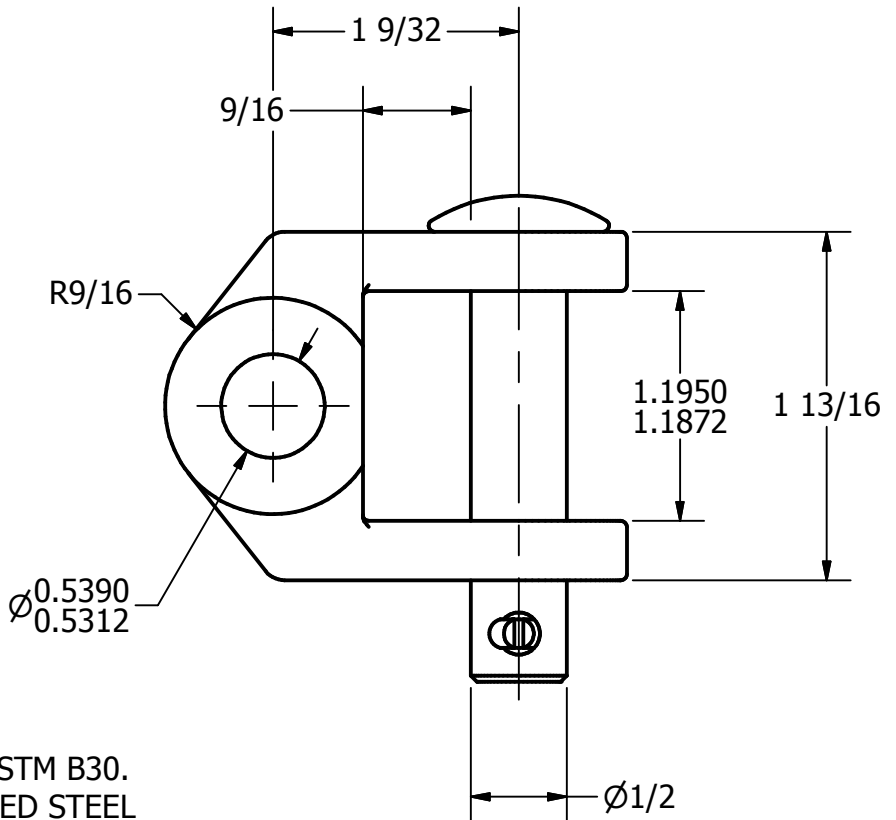
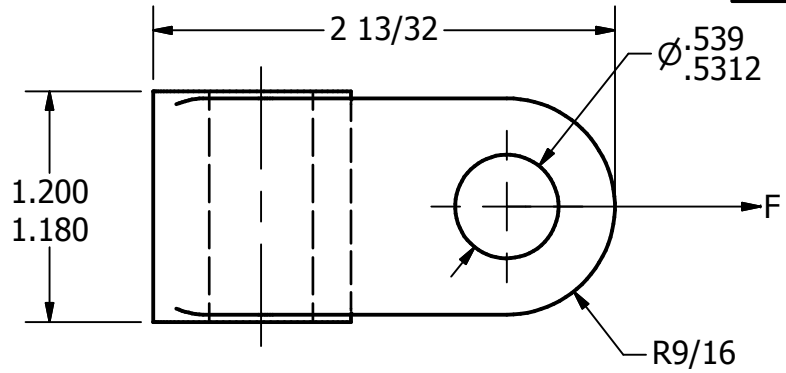
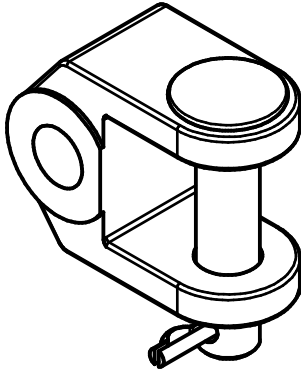
1 OF 1

ITEM NO

DWG NO

D-7437

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**MATERIAL:**

ALUMINUM BRONZE ASTM B30.
CLEVIS PIN-GALVANIZED STEEL
COTTER KEY-STAINLESS STEEL

WORKING LOAD MAX

F= 2,280 LBS

0.85 LBS

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
4	RE-DRAWN IN INVENTOR	2-11-10	LK	EP

DRN BY:
CV
DRN DATE:
4-19-95
CHK BY:
RL
CHK DATE:
4-19-95

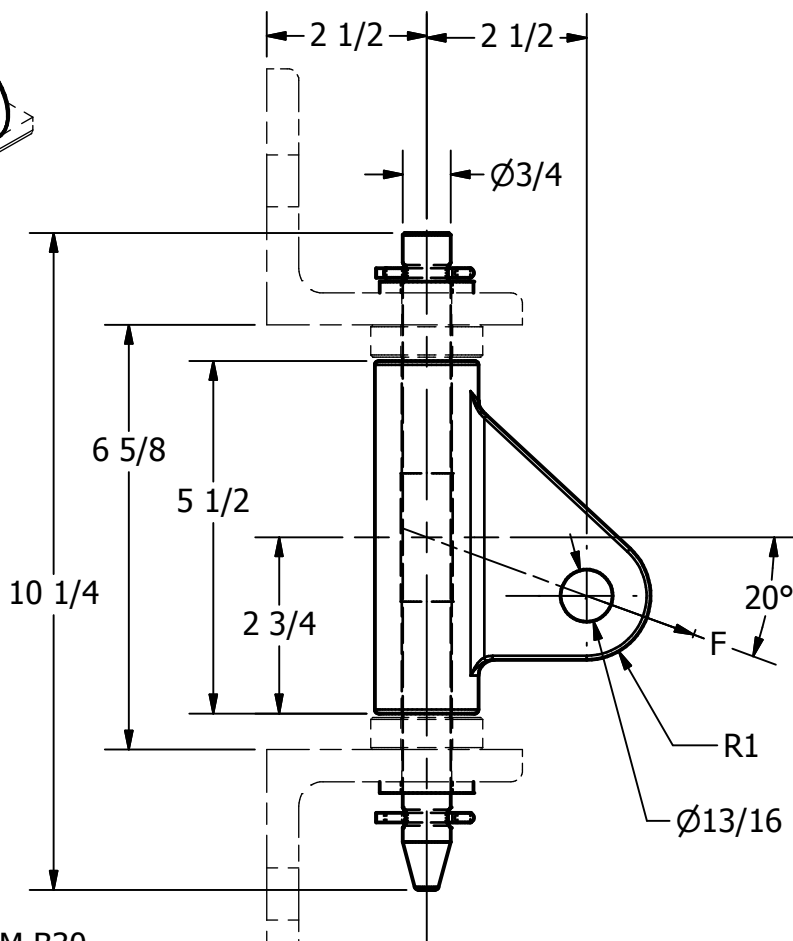
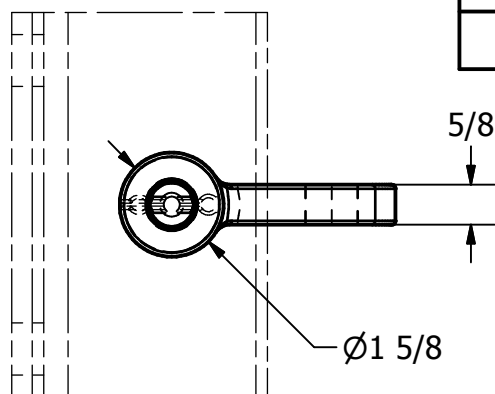
FAFL**DOSSERT®**

HINGE, FOR CLEVIS CLAMP

REV
4

HCBA50-18-C

1 OF 1


$$\frac{\text{MAX. TENSILE LOAD}}{F = 9,000 \text{ LBS}}$$

HINGE PIN -STAINLESS STEEL
WASHER- GALVANIZED STEEL
COTTER PIN-STAINLESS STEEL

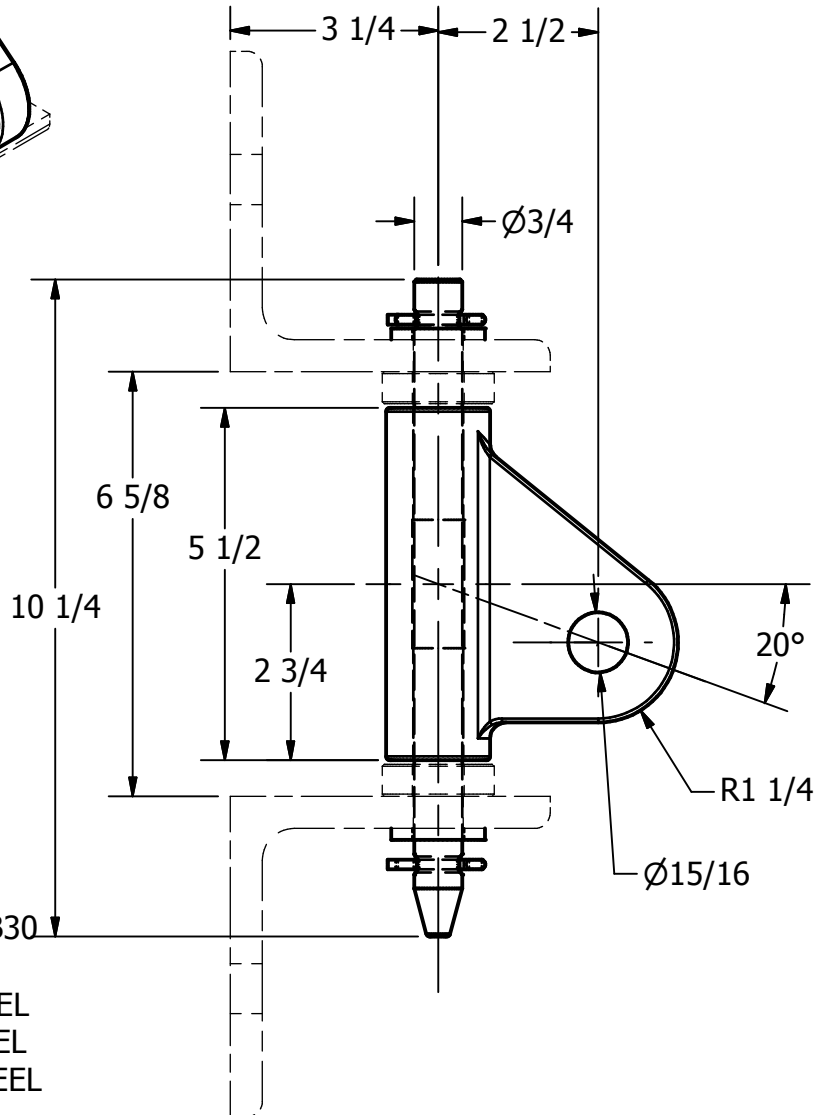
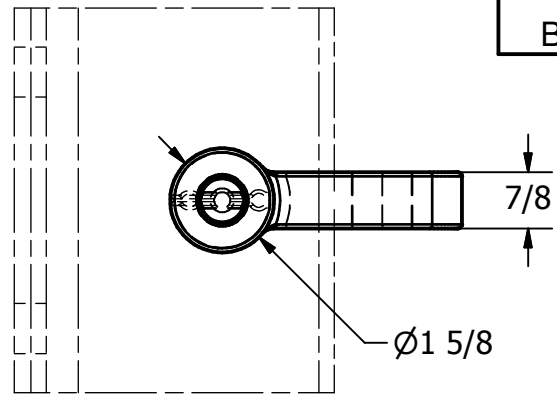
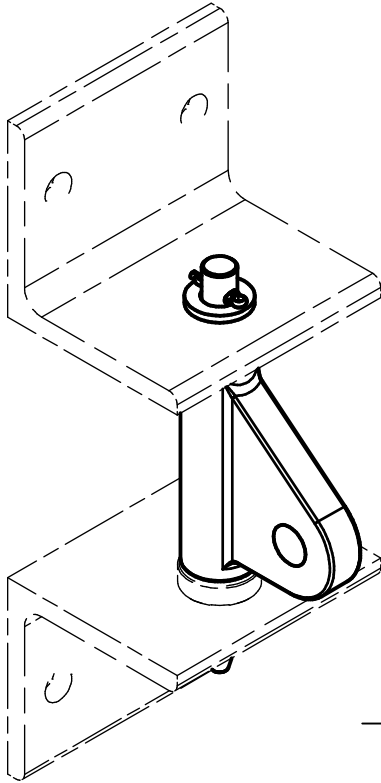
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LOCATION					CONTRACT NO		CUST / CONTR	
REVISIONS					DRN BY: ES DRN DATE: 3-4-81 CHK BY: HJ CHK DATE: 3-4-81			

ITEM NO

DWG NO

B-6906



MATERIAL:
ALUMINUM BRONZE ASTM B30

HINGE PIN -STAINLESS STEEL
WASHER- GALVANIZED STEEL
COTTER PIN-STAINLESS STEEL

6.49 LBS

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
3	RE-DRAWN IN INVENTOR	2-15-10	LK	EP

DRN BY:
ES
DRN DATE:
11-7-86
CHK BY:
HJ
CHK DATE:
11-7-86

FAFL**DOSSERT®**

HINGE, FOR CANTILEVER BRACKET (INCLINED)

REV
3

HCBA75-93

1 OF 1

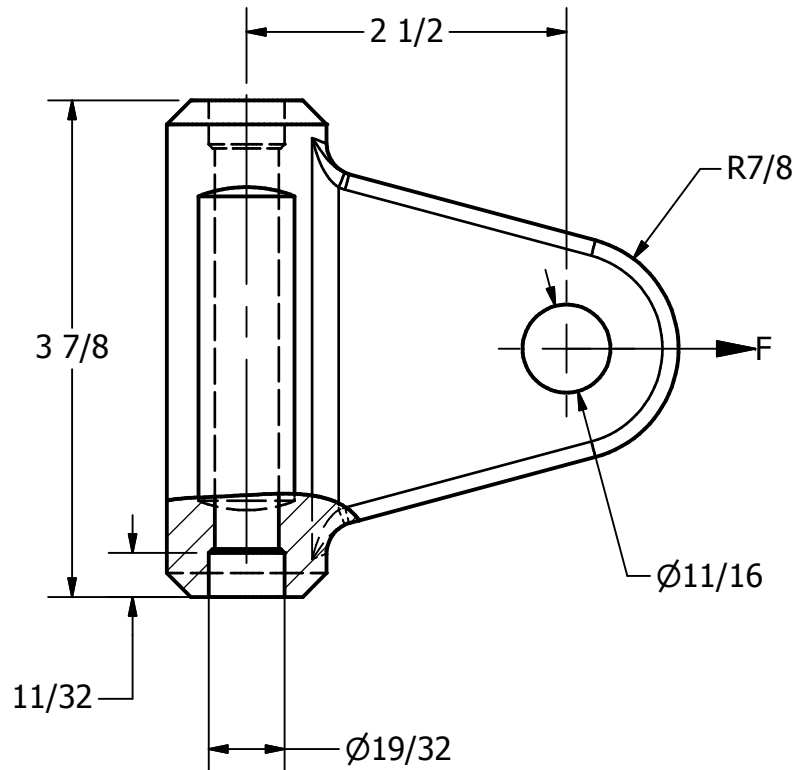
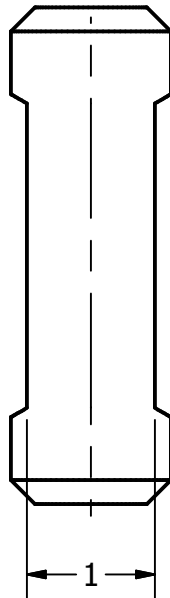
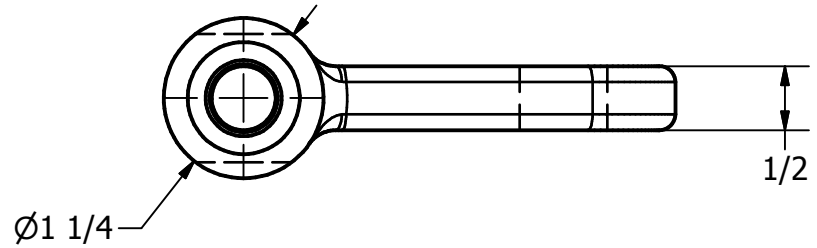
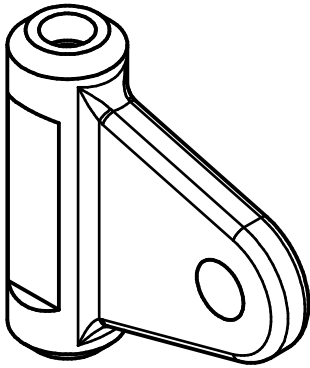
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ITEM NO

DWG NO

A-5873

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MATERIAL:
ALUMINUM BRONZE ASTM B30

MAX. ALLOWABLE LOAD
F=6,000 LBS

1.95 LBS

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
4	RE-DRAWN IN INVENTOR	2-15-10	LK	EP

DRN BY:
ES
DRN DATE:
8-30-81
CHK BY:
HJ
CHK DATE:
8-30-81

FAFL**DOSSERT®**

HINGE, FOR LINE POST INSULATOR

REV
2

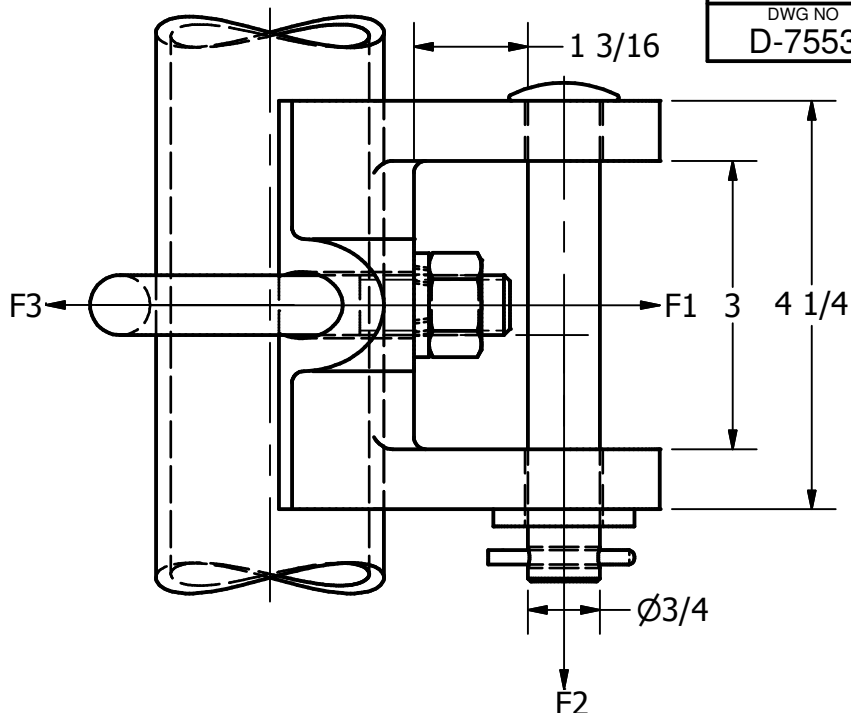
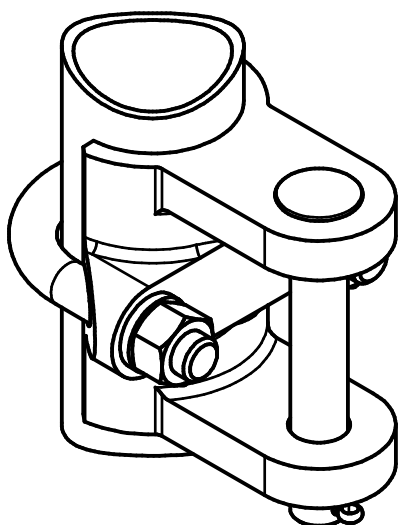
HLPI63

1 OF 1

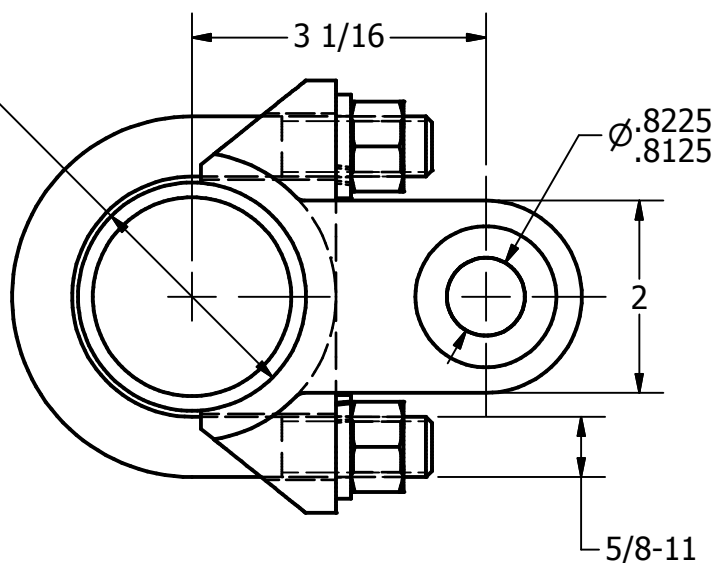
ITEM NO

DWG NO

D-7553

PIPE SIZE

2 SPS SCH.
#40 OR #80
Ø2 3/8

MATERIAL:

ALUMINUM BRONZE ASTM B30

U-BOLT, NUT AND LOCK WASHER
-GALVANIZED STEEL

CLEVIS PIN-GALVANIZED STEEL

COTTER KEY-STAINLESS STEEL

FLAT WASHER-STAINLESS STEEL

5.15 LBS

MIN ULTIMATE STRENGTHLOAD

F1=26,640 LBS

F2=20,470 LBS

F3=34,630 LBS

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
5	RE-DRAWN IN INVENTOR	2-8-10	LK	EP

DRN BY:
ET
DRN DATE:
4-20-95
CHK BY:
RL
CHK DATE:
4-20-95

FAFL**DOSSERT®**

BRACKET, MOUNTING , 2" SPS PIPE

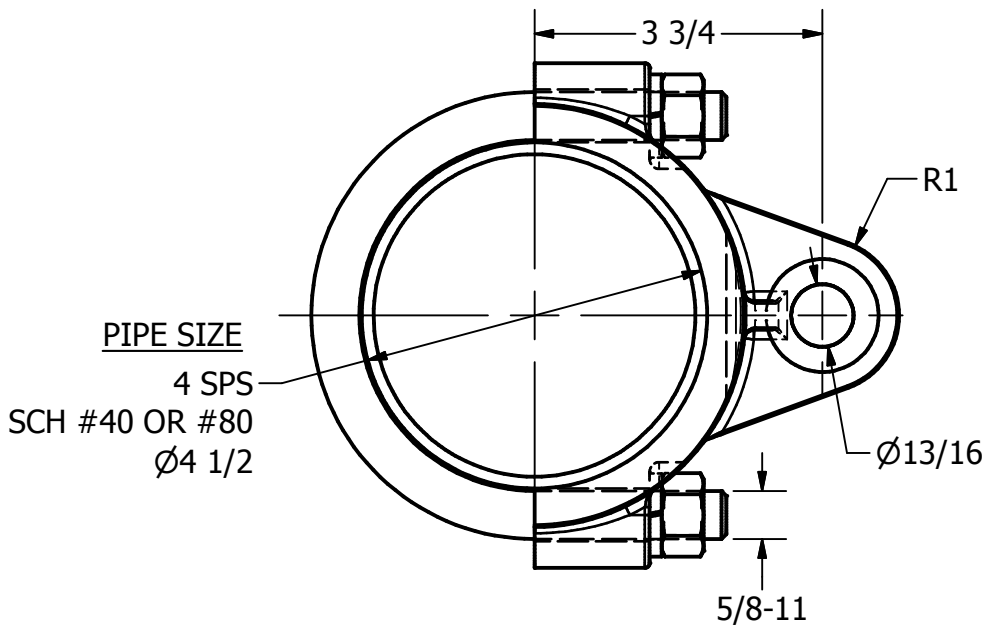
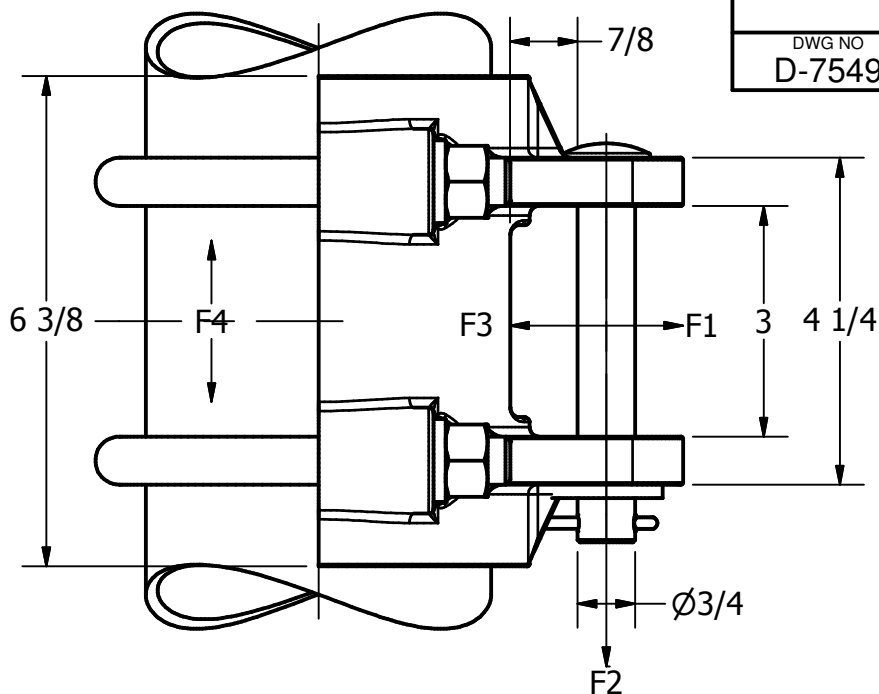
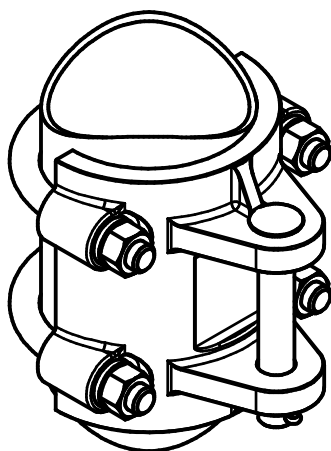
REV
5

MBR200-30-75-1

1 OF 1

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D-7549



MATERIAL:
ALUMINUM BRONZE ASTM B30

U-BOLT, NUT AND LOCK WASHER
-GALVANIZED STEEL
CLEVIS PIN-GALVANIZED STEEL
COTTER KEY-STAINLESS STEEL
FLAT WASHER-STAINLESS STEEL

F1 =22,200 LBS
F2 =14,430 LBS
F3 =28,860 LBS
MIN SLIP LOAD F4=7,550 LBS

11.5 LBS

CUST / CONTR

REVISIONS				
REV	DESCRIPTION	DATE	BY	APP
2	RE-DRAWN IN INVENTOR	2-8-10	LK	EP

DRN BY:
ET
DRN DATE:
10-23-96
CHK BY:
RL
CHK DATE:
10-23-96

AFL**DOSSERT®**

BRACKET, MOUNTING, 4" SPS PIPE

REV
2

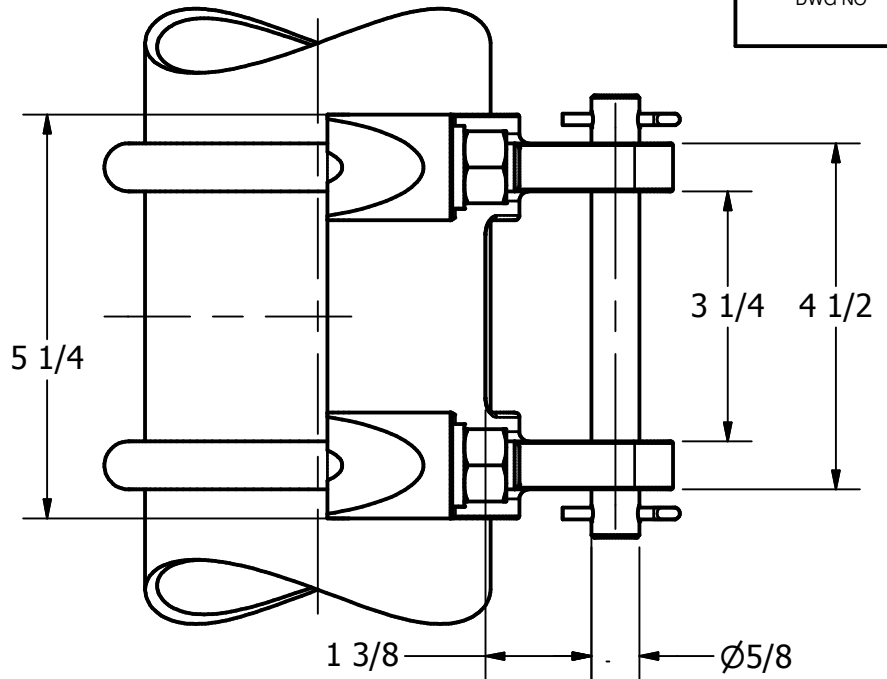
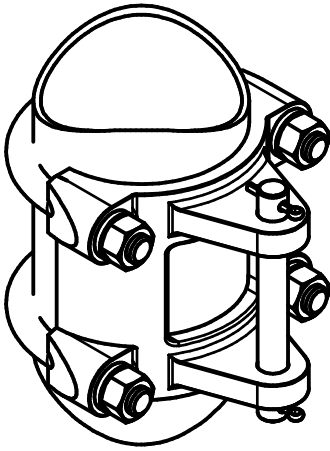
MBR400-30-75

1 OF 1

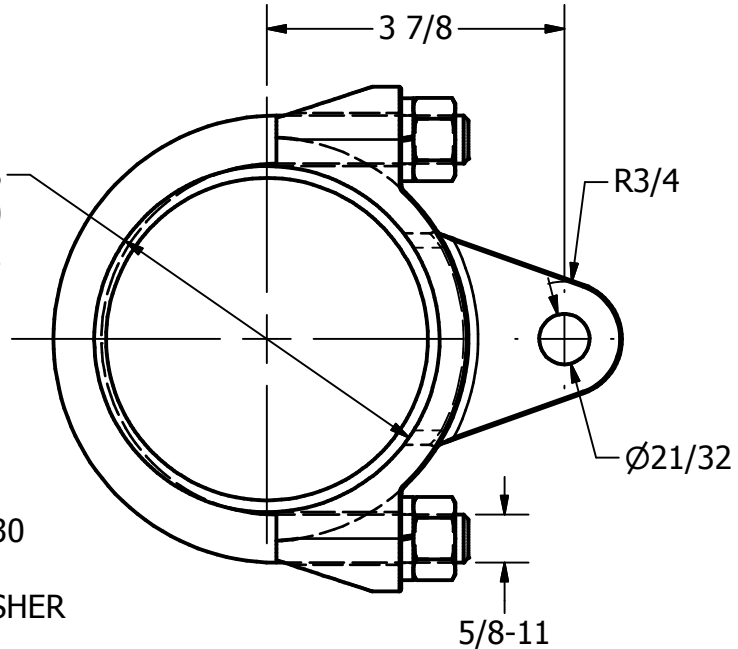
ITEM NO

DWG NO

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PIPE SIZE
4 SPS
SCH #40 OR #80
Ø4 1/2



MATERIAL:

ALUMINUM BRONZE ASTM B30

U-BOLT, NUT AND LOCK WASHER
-GALVANIZED STEEL
CLEVIS PIN-GALVANIZED STEEL
COTTER KEY-STAINLESS STEEL

7.10 LBS

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
2	RE-DRAWN IN INVENTOR	2-8-10	LK	EP

DRN BY:
ET
DRN DATE:
9-8-94
CHK BY:
RL
CHK DATE:
9-8-94

FAFL

DOSSERT®

BRACKET, MOUNTING, 4" SPS PIPE

REV
2

MBR400-32-63

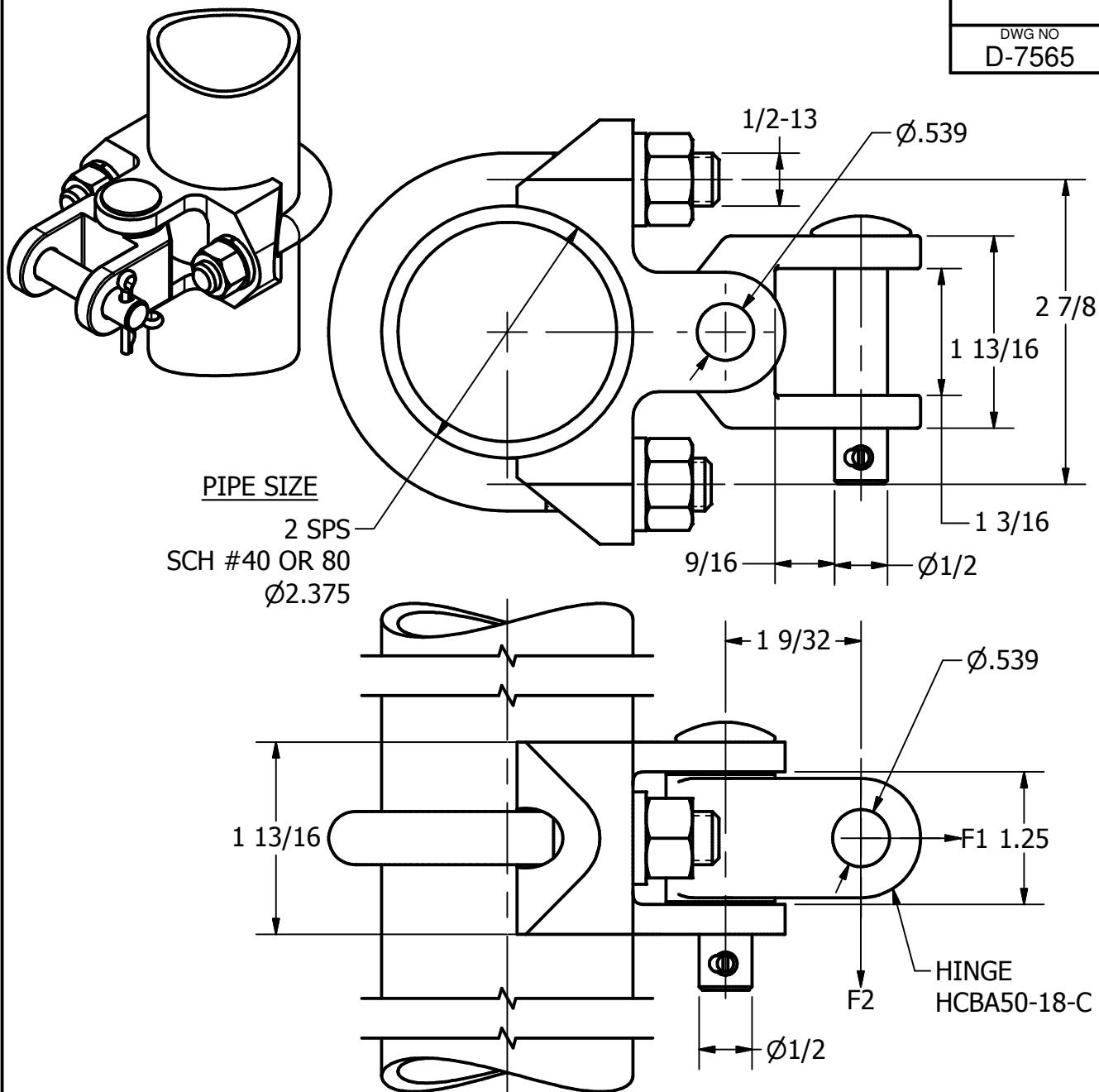
1 OF 1

ITEM NO

DWG NO

D-7565

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**MATERIAL**

ALUMINUM BRONZE ASTM B30

U-BOLTS, NUTS, & LOCK WASHERS

- SILICON BRONZE

CLEVIS PIN-GALVANIZED STEEL

COTTER KEY-STAINLESS STEEL

MIN ULTIMATE STRENGTH LOAD

F1 = 2,250 LBS

F2 = 520 LBS

2.63 LBS

LOCATION

CONTRACT NO

CUST / CONTR

REVISIONS

REV	DESCRIPTION	DATE	BY	APR
5	RE-DRAWN IN INVENTOR	5	LK	EP

DRN BY:
ET
DRN DATE:
X
CHK BY:
RL
CHK DATE:
1-22-97

FAFL**DOSSERT®**

HINGE & BRACKET, FOR STEADY ARM 2" SPS PIPE

REV
5

MBRHA200-B3431-01

1 OF 1