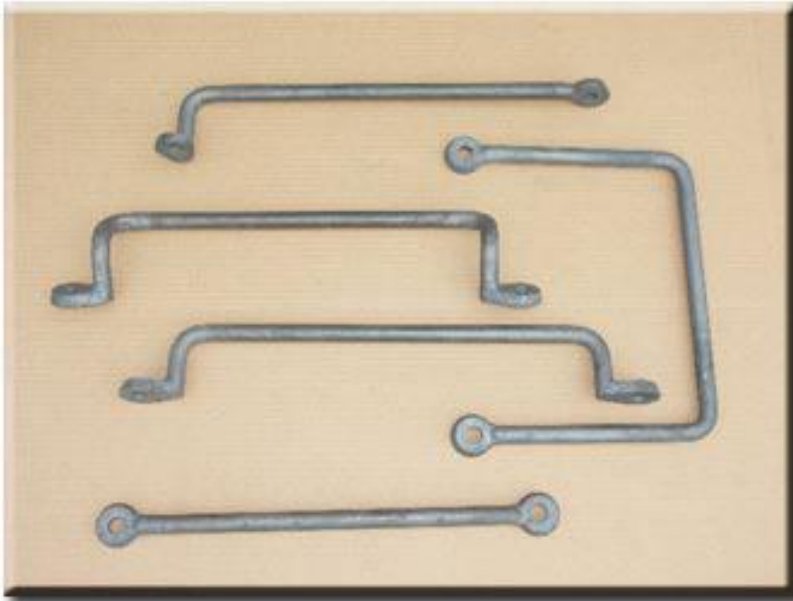


J - HANDHOLDS



J - HANDHOLDS

PRC accepts any size or quantity to fill all of your handhold needs. Please fill in the required dimensions on the following drawings and submit to the sales staff.

CALL PRC TODAY!!

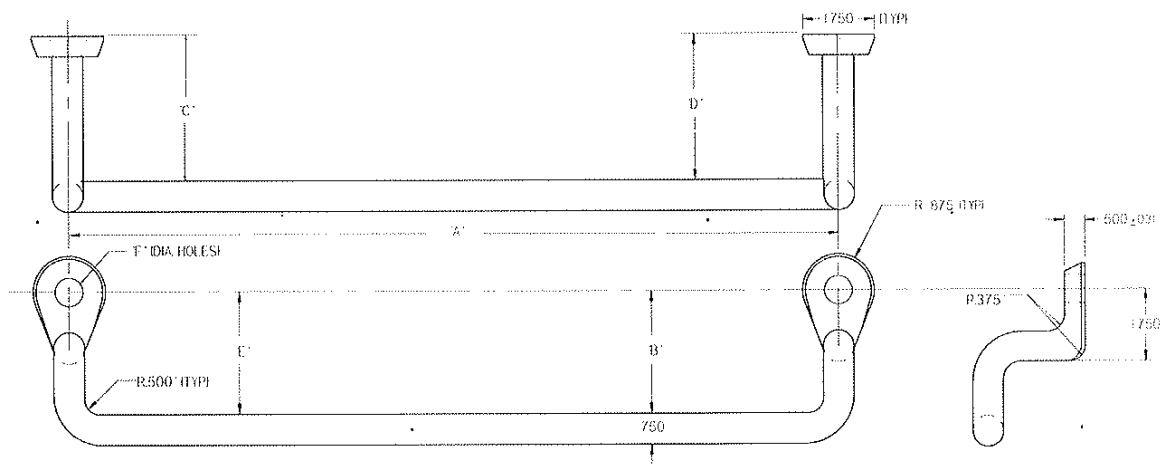
FORGE FACILITY



PRC Part #: FORGE

Pennsylvania Rail Car Co. owns a state-of-the-art forge shop at its main plant. PRC is fully capable of handling all of your handhold needs.

CALL PRC TODAY!!



DIMENSION	
A	
B	
C	
D	
E	
F	

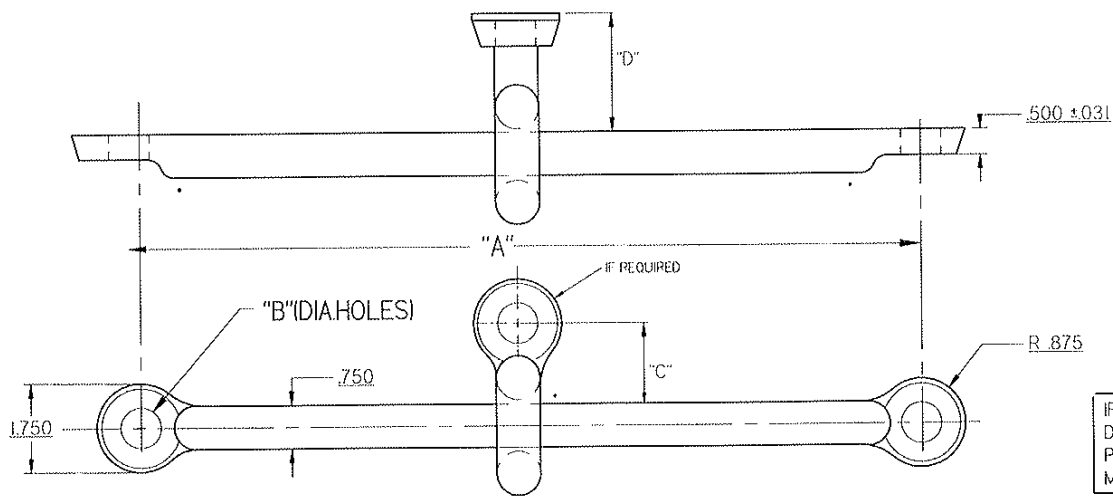
MINIMUM "B - E" DIMENSIONS ARE 3" TO ASSURE CONFORMANCE TO SAFETY APPLIANCE REGULATIONS

MATERIAL SPEC.
 .750" DIA. ROUND BAR
 ASTM A-576 GR.1015-1020

J - 2

TOLERANCE .0025" UNLESS OTHERWISE NOTED

PENNSYLVANIA RAIL CAR CO	
HANDMADE - STYLE 21	



IF YOU REQUIRE
DIMS NOT SHOWN
PLEASE FURNISH A
MARKED DRAWING.

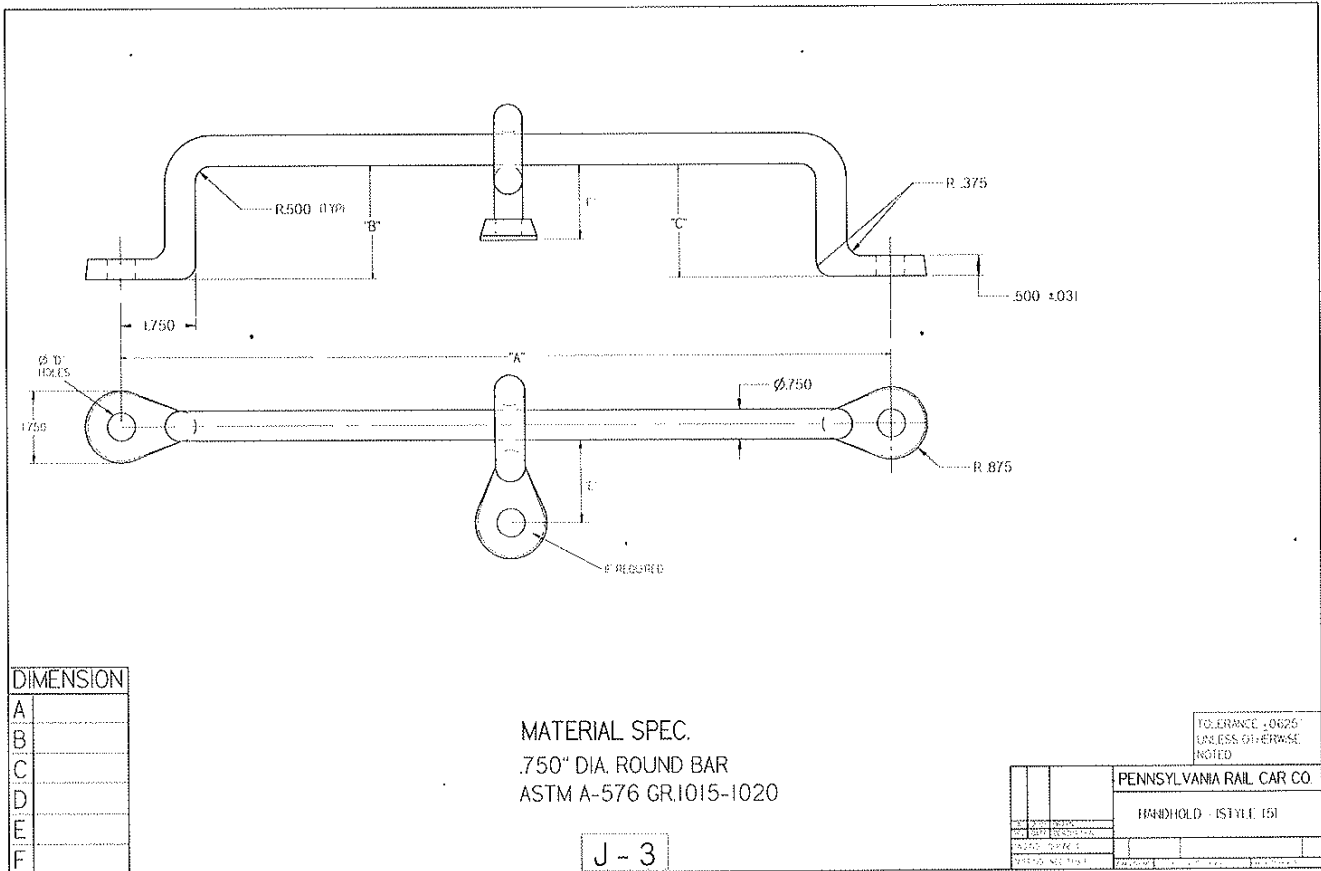
TOLERANCES ±.0625
UNLESS OTHERWISE
NOTED

DIMENSION	
A	
B	
C	
D	

Material Spec.
.750" DIA. RD. BAR
ASTM A-576 GR 1015-1020

J-2

		PENNSYLVANIA RAIL CAR CO.	
C	8-27-01	REVISED DIMENSIONS	HAND HOLD - ISTYLE-91
B	8-27-01	REVISIONS	
A	8-27-01	DRAWN	
REV	BATH	DESCRIPTION	
DWG NO	DD17613		
PART NO	SEE TABLE		



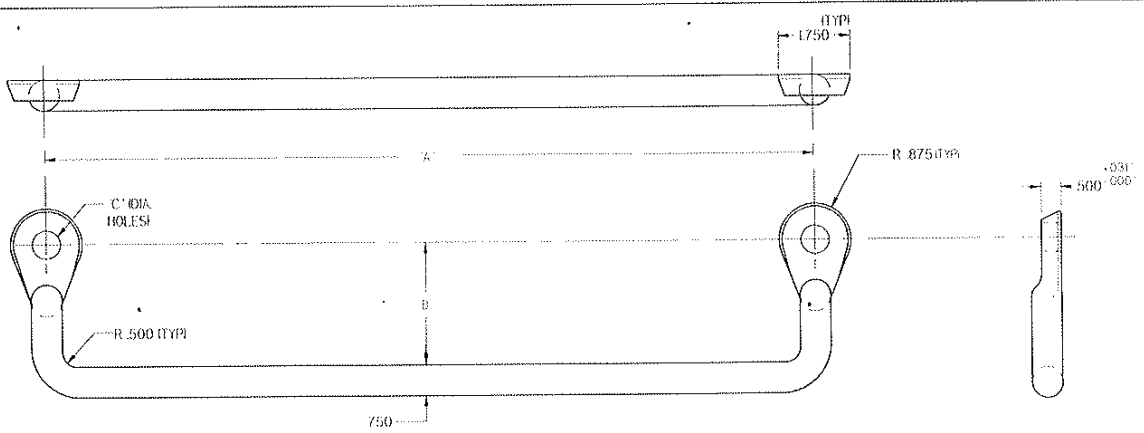
DIMENSION	
A	
B	
C	
D	
E	
F	

MATERIAL SPEC.
 .750" DIA. ROUND BAR
 ASTM A-576 GR.1015-1020

J - 3

TOLEARNCE .0625"
 UNLESS OTHERWISE
 NOTED

PENNSYLVANIA RAIL CAR CO.	
HANDHOLD - IS1111.151	
DATE	
BY	
CHECKED	
APPROVED	



MATERIAL SPEC.
 .750" DIA. ROUND BAR
 ASTM A-576 GR1015-1020

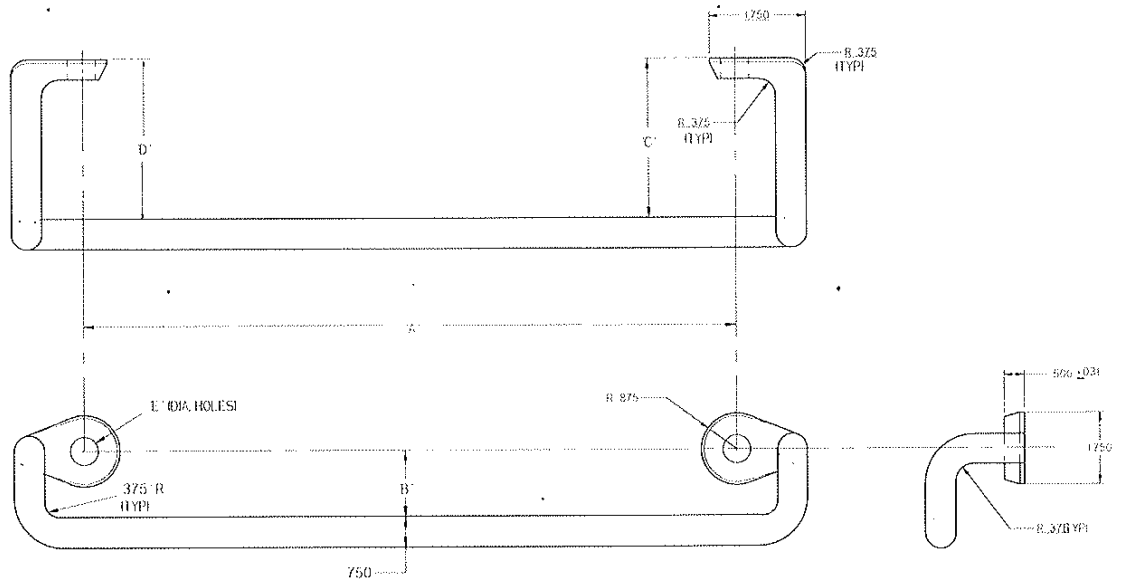
NOTE
 IF YOU REQUIRE DIMS.
 NOT SHOWN PLEASE
 FURNISH MARKED
 DRAWING

DIMENSION	
A	
B	
C	

TOLEARENCE +.0025
 UNLESS OTHERWISE
 NOTED

PENNSYLVANIA RAIL CAR CO.	
HANDHOLD - (STYLE 18)	
DATE	BY

J - 4



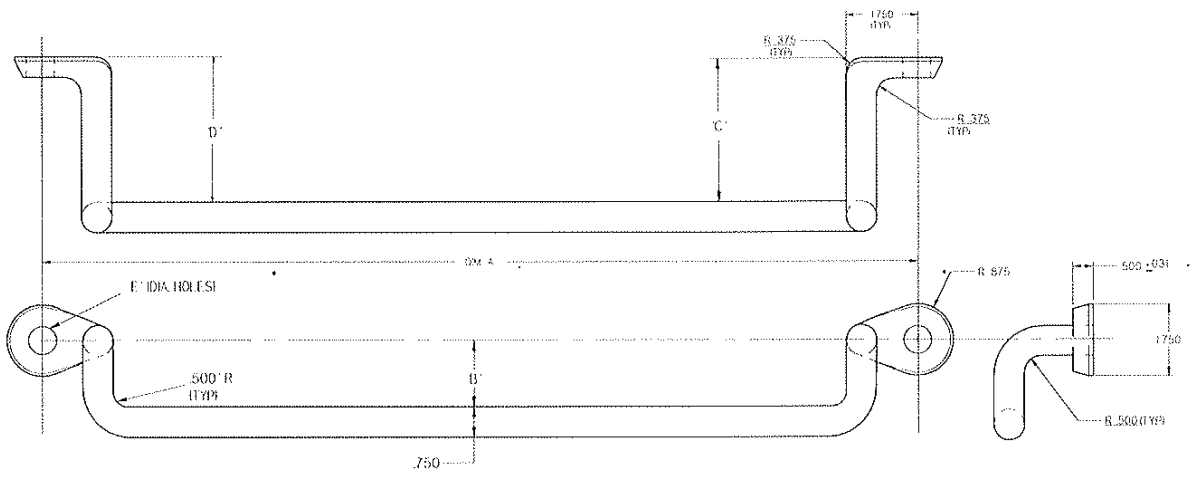
MATERIAL SPEC.
 .750" DIA. ROUND BAR
 ASTM A-576 GR.1015-1020

TOLERANCE .0625
 UNLESS OTHERWISE
 NOTED

DIMENSION	
A	
B	
C	
D	
E	

J - 5

PENNSYLVANIA RAIL CAR CO.	
HANDHOLD - DOUBLE BEND	
(INSIDE MOUNT)	
DATE	BY
APPROVED	DESIGNED



MATERIAL SPEC.
 .750" DIA. ROUND BAR
 ASTM A-576 GR.1015-1020

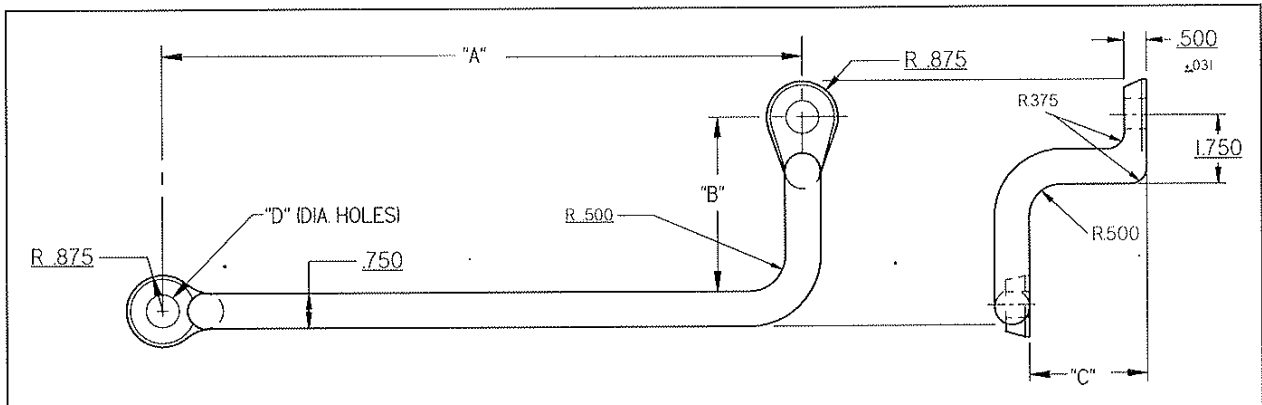
TOLERANCE ±.0625
 UNLESS OTHERWISE
 NOTED

PENNSYLVANIA RAIL CAR CO
 HANDHOLD - (DOUBLE BEND)
 (OUTSIDE MOUNT)

DIMENSION	
A	
B	
C	
D	
E	

J - 6

DATE	BY	CHKD	APP'D



Material Spec.
 .750" DIA. RD. BAR
 ASTM A-576 GR 1015-1020

DIMENSION

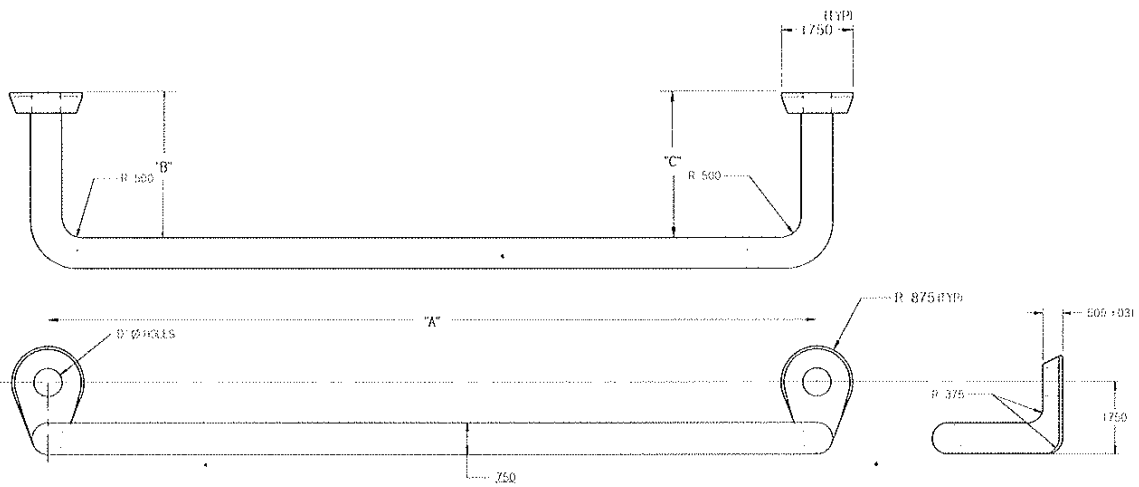
A	
B	
C	
D	

TOLERANCES $\pm .0025$
 UNLESS OTHERWISE
 NOTED

J-7

		PENNSYLVANIA RAIL CAR CO	
REV	DATE	DESCRIPTION	
A	3-13-01	DRAWN	
B	10-31-01	R.750 REVISION	
DWG NO	DGH7653		
PART NO	SEE TABLE	DESIGNED BY	APPROVED BY

HAND HOLD
 (STYLE - 26)



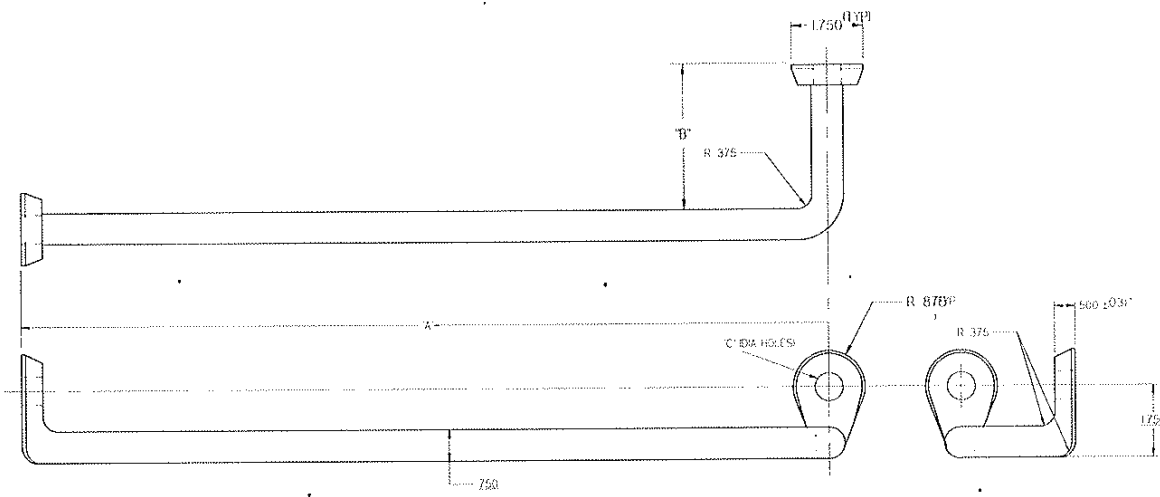
MATERIAL SPEC.
 750" DIA. ROUND BAR
 ASTM A-576 GR.1015-1020

DIMENSION	
A	
B	
C	
D	

J - 8

TOLERANCE ± 0.025"
 UNLESS OTHERWISE
 NOTED

PENNSYLVANIA RAIL CAR CO	
HANDHOLD - (STYLE - II)	
DATE	BY

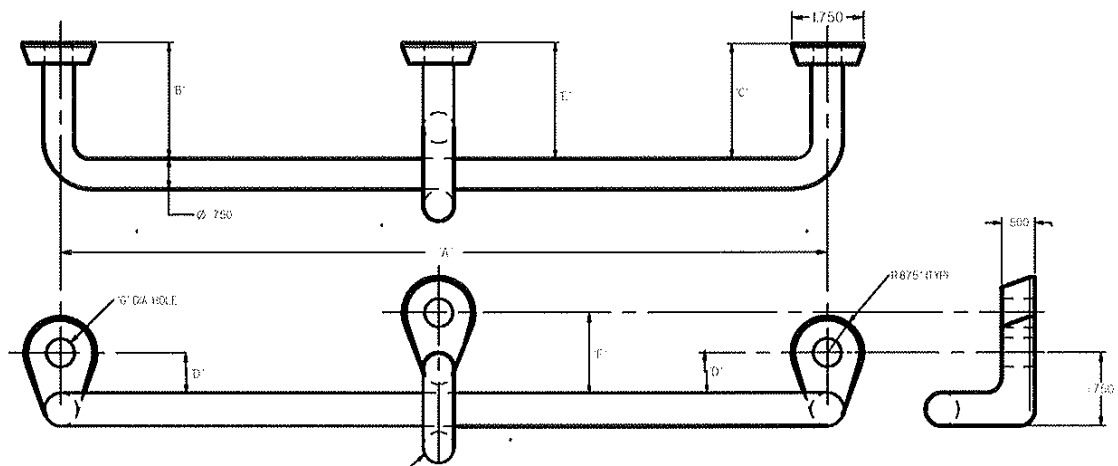


MATERIAL SPEC.
 .750" DIA. ROUND BAR
 ASTM A-576 GR.1015-1020

DIMENSION	
A	
B	
C	
AS SHOWN	
REVERSE	

J-9

TOLERANCE DECIMALS UNLESS OTHERWISE SPECIFIED	
PENNSYLVANIA RAIL CAR CO.	
HANDHOLD	



DIMENSION	
A	
B	
C	
D	
E	
F	
G	
SUPPORT	AS RV

SHOWN AS + AS SHOWN RV - REVERSE

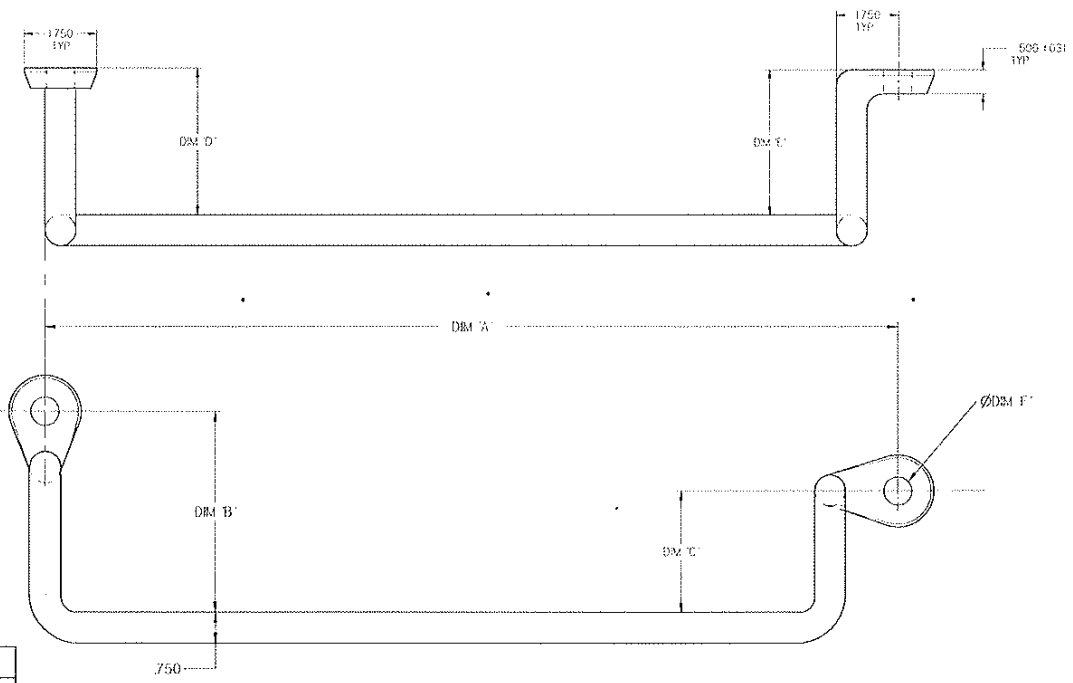
MATERIAL SPEC.
 .750" DIA. ROUND BAR
 ASTM A-576 GR.1015-1020

NOTE
 IF YOU REQUIRE DIMS.
 NOT SHOWN PLEASE
 FURNISH MARKED
 DRAWING

TOLERANCE .0025
 UNLESS OTHERWISE
 NOTED

PAGE J - II

PENNSYLVANIA RAIL CAR CO.	
HANDHOLD - (SINGLE BEND) w/CENTER SUPPORT	
DATE	REVISED
BY	BY
CHECKED	CHECKED



DIMENSION	
A	
B	
C	
D	
E	
F	

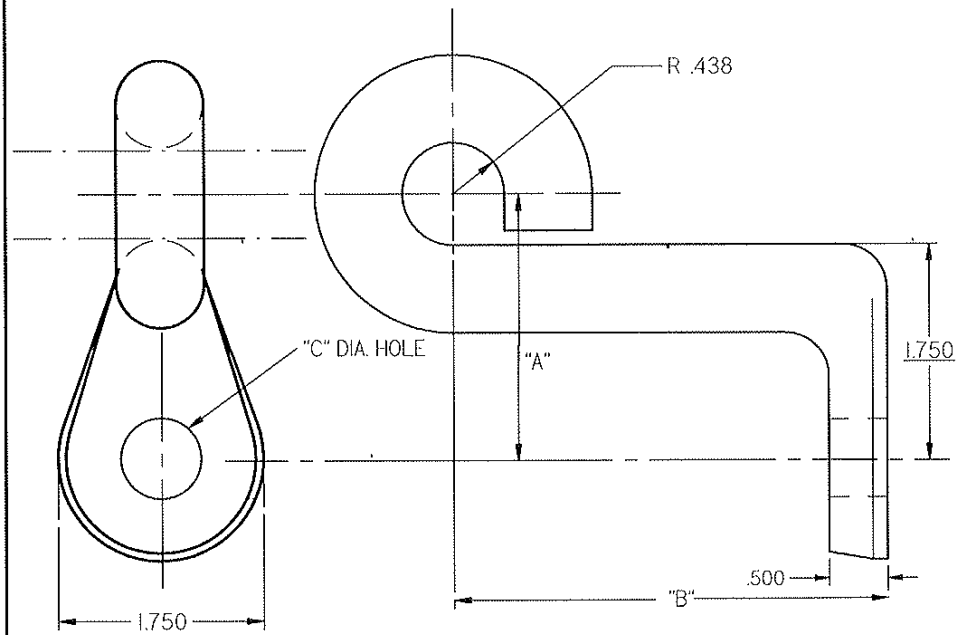
MATERIAL SPEC.
 .750" DIA. ROUND BAR
 ASTM A-576 GR.1015-1020

NOTE
 IF YOU REQUIRE DIMS.
 NOT SHOWN PLEASE
 FURNISH MARKED
 DRAWING

TOLERANCE ±.0025"
 UNLESS OTHERWISE
 NOTED.

PENNSYLVANIA RAIL CAR CO	
HANDHOLD - (DOUBLE BEND)	

*NOTE: IF REQUIRED DIMS. NOT SHOWN
PLEASE FURNISH MARKED DRAWING.

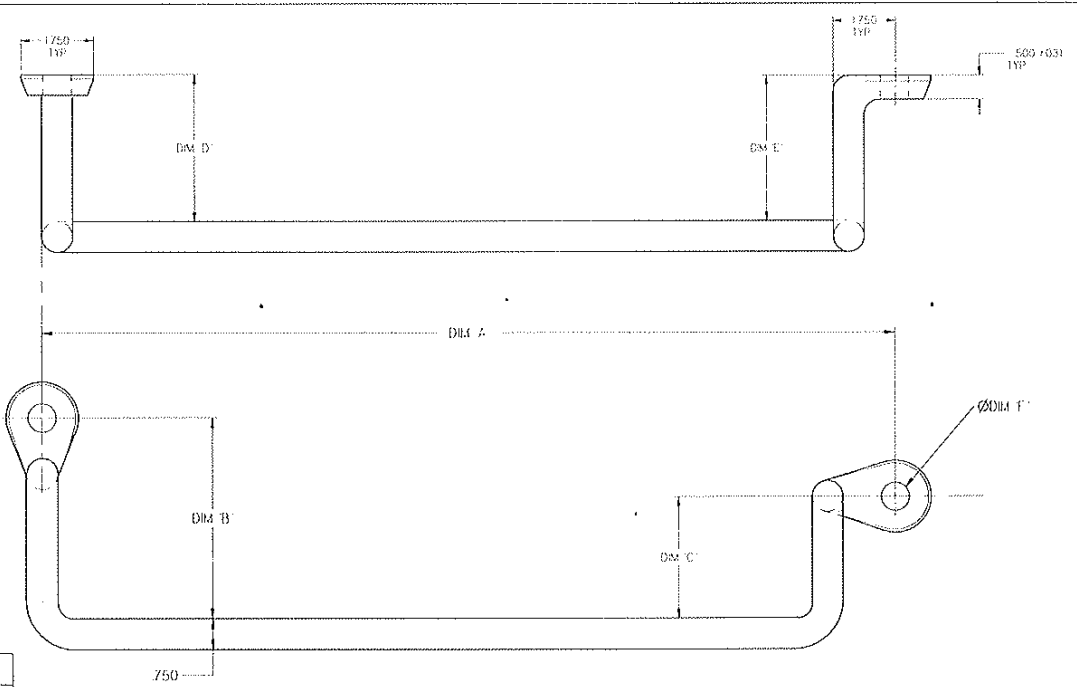


PART NO	DMC	DMB	DMC
0017737 1	2.14"	6.58"	1116"
0017737 1A	2.14"	6.58"	1116"
0017737 2	2.14"	2.38"	1116"
0017737 3	2.14"	3.78"	1116"
0017737 4	2.14"	2.78"	1116"
0017737 5	3"	5"	1116"
0017737 6	2.38"	2.38"	1116"
0017737 6A	2.38"	2.38"	1116"
0017737 7	2.14"	5.38"	1116"
0017737 8	2"	3.18"	1116"
0017737 9	2.14"	3.58"	1116"
0017737 10	2.14"	3.38"	1116"
0017737 11	2.14"	4"	1116"
0017737 12	1.76"	5.38"	1116"
0017737 13	2.932"	6.116"	1116"
0017737 14	2.14"	4.76"	1116"
0017737 15	2.78"	2.78"	1116"
0017737 16	3"	4.14"	1116"
0017737 17	2.318"	2.78"	1116"
0017737 18	2.318"	2.58"	1116"
0017737 19	2.18"	3"	1116"
0017737 20	3"	3.12"	1116"
0017737 21	2.18"	14.58"	1116"
0017737 22	2.18"	2.78"	1116"
0017737 23	2.14"	3.58"	1116"
0017737 24	2.14"	4.38"	1116"
0017737 25	2.14"	6.38"	1116"
0017737 26	2.14"	2.78"	1116"
0017737 27	2.18"	6"	1116"
0017737 28	2.18"	4.12"	1116"
0017737 29	3.12"	6"	1116"
0017737 30	2.14"	12.58"	1116"
0017737 31	2.518"	4.716"	1116"
0017737 32	2.318"	3.38"	1116"
0017737 33	2.18"	5.12"	1116"
0017737 34	2.318"	8.12"	1116"
0017737 35	2.14"	7.12"	1116"
0017737 36	3"	2.78"	1116"
0017737 37	2.38"	5.38"	1116"
0017737 38	2.78"	3.58"	1116"
0017737 39	2.78"	3.38"	1116"
0017737 40	3"	3.78"	1116"
0017737 41	2.38"	2.78"	1116"
0017737 42	2.18"	3.716"	1116"
0017737 43	3"	4.316"	1116"
0017737 44	2.14"	3"	1116"
0017737 45	2"	7.14"	1116"
0017737 46	2.14"	5.78"	1116"
0017737 47	3"	6.38"	1116"

MATL SPEC
.750"DIA. ROUND BAR
ASTM A-576
GR.1015-1020

PAGE J-13

		PENNSYLVANIA RAIL CAR CO.	
		HANDHOLD CENTER	
		SUPPORT (for .750" DIA)	
A	4-23-01	FIRST ISSUE	
REV	DATE	DESCRIPTION	
DWG. NO.	D017737-CAT		
PART NO.	SEE TABLE		
DRAWN BY MTR		CHECKED BY WSR	AUTHORIZED BY WSR



DIMENSION	
A	
B	
C	
D	
E	
F	

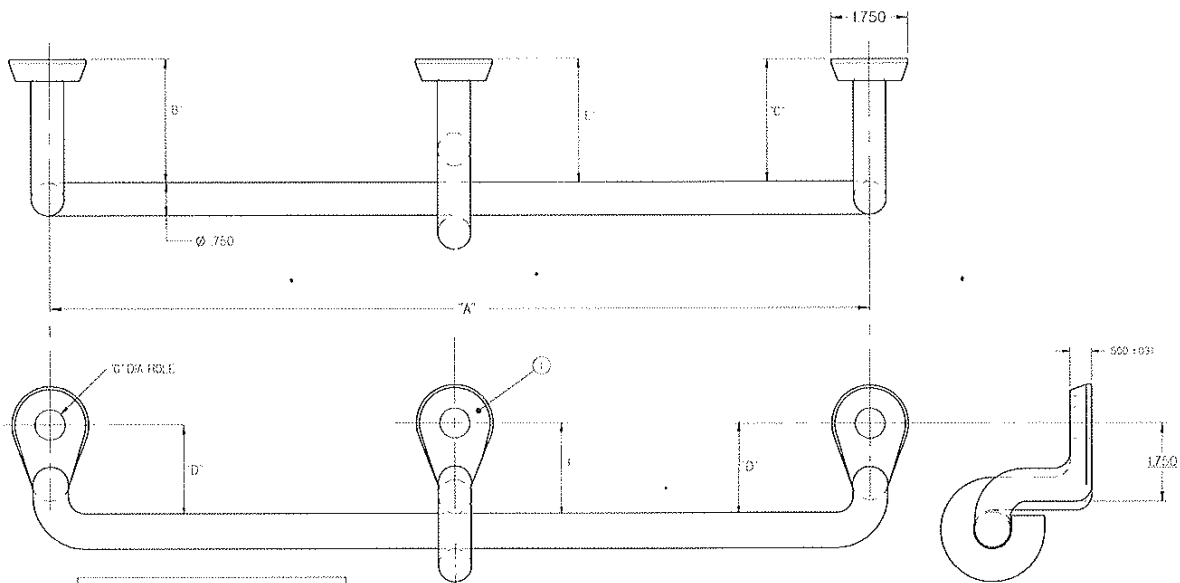
MATERIAL SPEC.
 .750" DIA. ROUND BAR
 ASTM A-576 GR1015-1020

PAGE J - 14

NOTE
 IF YOU REQUIRE DIMS.
 NOT SHOWN PLEASE
 FURNISH MARKED
 DRAWING

TOLEFRANCE ± 0.025
 UNLESS OTHERWISE
 NOTED

PENNSYLVANIA RAIL CAR CO	
HANDHOLD - DOUBLE BEND	
DATE	BY



MINIMUM "D" DIMENSION IS 3" TO ASSURE CONFORMANCE TO SAFETY APPLIANCE REGULATIONS

MATERIAL SPEC.
 .750" DIA. ROUND BAR
 ASTM A-576 GR.1015-1020

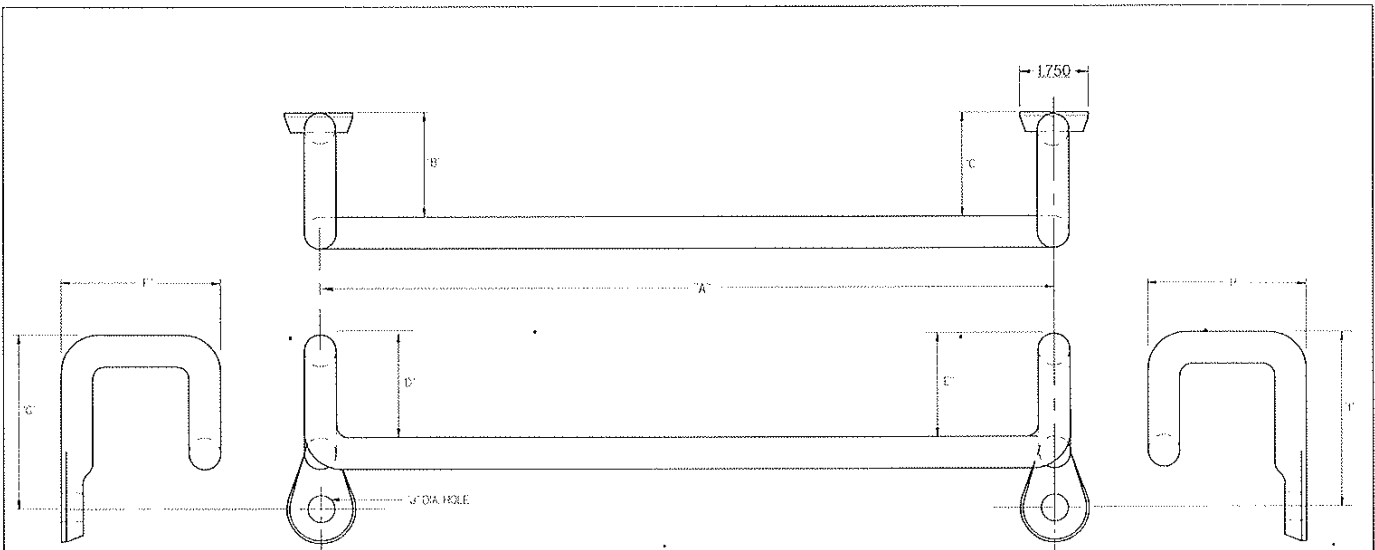
NOTE
 IF YOU REQUIRE DIMS.
 NOT SHOWN PLEASE
 FURNISH MARKED
 DRAWING

TOLERANCE .0025"
 UNLESS OTHERWISE
 NOTED

PART NO.	DIM "A"	DIM "B"	DIM "C"	DIM "D"	DIM "E"	DIM "F"	DIM "G"	ITEM#1
A017773-60S32	60"	2-1/2"	2-1/2"	2"	3"	2"	11/16"	D017737-32
A017773-60SS15	60-1/2"	2-1/2"	2-1/2"	4-1/4"	2-1/2"	2-1/2"	11/16"	D017737-15
A017773-65S4	65"	2-1/2"	2-1/2"	4-1/4"	2-1/2"	1-7/8"	11/16"	D017737-4
A017773-67S4	67"	2-1/2"	2-1/2"	4-1/4"	2-1/2"	1-7/8"	11/16"	D017737-4
A017773-96	96"	3"	5"	3-1/2"	5"	1-1/2"	11/16"	D017737-12

PAGE J - 15

PENNSYLVANIA RAIL CAR CO	
HANDHOLD - (DOUBLE BEND) w/CENTER SUPPORT	
DWG NO.	A017773
PART NO.	SEE TABLE



MATERIAL SPEC.
 .750" DIA. ROUND BAR
 ASTM A-576 GR.1015-1020

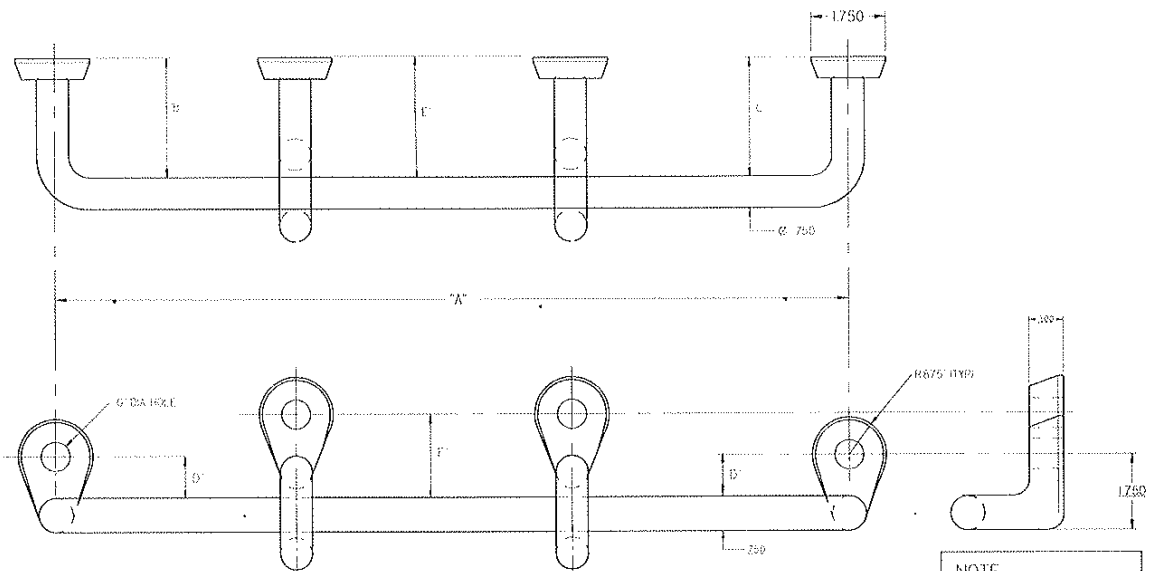
NOTE
 IF YOU REQUIRE DIMS.
 NOT SHOWN PLEASE
 FURNISH MARKED
 DRAWING

TOLERANCE - .0025
 UNLESS OTHERWISE
 NOTED

PART NO.	DIM "A"	DIM "B"	DIM "C"	DIM "D"	DIM "E"	DIM "F"	DIM "G"	DIM "H"	DIM "I"	DIM "J"
DD17803-21	21"	4-1/4"	3-1/2"	3"	3"	5"	1-3/4"	4-1/4"	1-3/4"	11/16"

PAGE J - 16

PENNSYLVANIA RAIL CAR CO.	
HANDHOLD - IQUAD BENDI	
DATE	DD17803
PART NO.	SEE TABLE



MATERIAL SPEC.
 .750" DIA. ROUND BAR
 ASTM A-576 GR.1015-1020

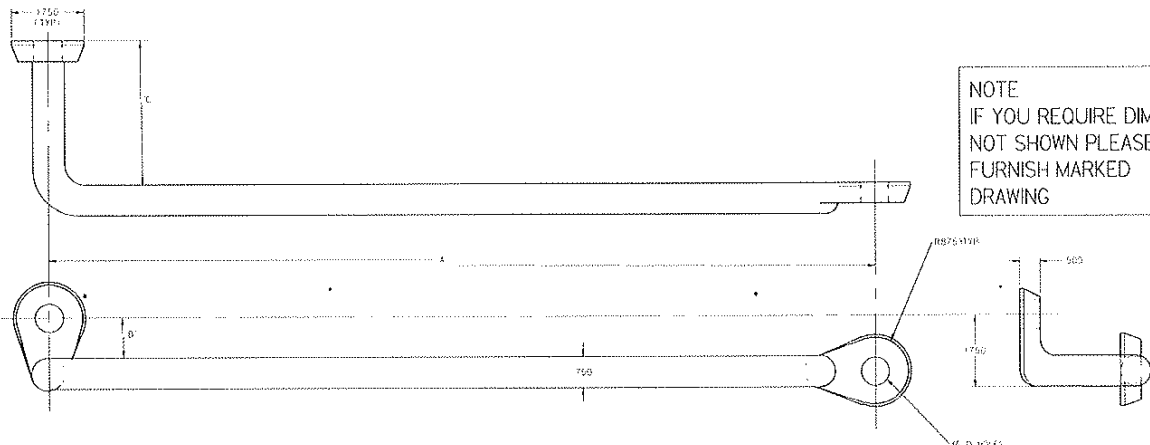
NOTE
 IF YOU REQUIRE DIMS.
 NOT SHOWN PLEASE
 FURNISH MARKED
 DRAWING

TOLERANCE ±.0025"
 UNLESS OTHERWISE
 NOTED

PART NO	DIM "A"	DIM "B"	DIM "C"	DIM "D"	DIM "E"	DIM "F"	DIM "G"	ITEM#1
A017850-76S2	76"	3"	3"	1"	3"	1-7/8"	11/16"	D017737-2
A017850-76GS4	76-5/8"	2-1/2"	2-1/2"	1"	2-1/2"	1-7/8"	11/16"	D017737-4
A017850-77S2	77"	3"	3"	1"	3"	1-7/8"	11/16"	D017737-2
A017850-77AS2	77"	5-1/2"	5-1/2"	1"	3"	1-7/8"	11/16"	D017737-2
A017850-84S17	84"	2-1/2"	2-1/2"	1"	2-1/2"	1-13/16"	9/16"	D017737-17
A017850-95S1	95"	5-1/2"	6-1/2"	1"	6-1/4"	1"	11/16"	D028301-1

PAGE J - 17

PENNSYLVANIA RAIL CAR CO	
HANDHOLD - (SINGLE BEND) w/21 CENTER SUPPORTS	
D. C. 10	017850
PART NO	SEE TABLE



NOTE
IF YOU REQUIRE DIMS.
NOT SHOWN PLEASE
FURNISH MARKED
DRAWING

PART NO.	DIM "A"	DIM "B"	DIM "C"	DIM "D"	PART NO.	DIM "A"	DIM "B"	DIM "C"	DIM "D"
D028186-17	17"	1"	3"	11/16"	D028186-19D	19"	1"	2-1/2"	11/16"
D028186-17A	17"	1"	2"	11/16"	D028186-19E	19"	1"	2-15/16"	11/16"
D028186-17B	17"	1-1/2"	2-1/4"	11/16"	D028186-19F	19"	1"	2"	11/16"
D028186-18	18"	1"	2"	11/16"	D028186-19G	19"	1"	2-3/4"	11/16"
D028186-185	18-1/2"	1"	2-1/4"	11/16"	D028186-195	19-1/2"	1"	3"	11/16"
D028186-185A	18-1/2"	1"	2-1/2"	11/16"	D028186-195A	19-1/2"	1"	3-1/8"	11/16"
D028186-185B	18-1/2"	1"	2-3/4"	9/16"	D028186-195B	19-1/2"	1"	3-7/16"	11/16"
D028186-185C	18-1/2"	1"	2"	11/16"	D028186-195C	19-1/2"	1"	3-3/4"	11/16"
D028186-185D	18-1/2"	1"	2-3/4"	11/16"	D028186-195D	19-1/2"	1"	4-1/4"	11/16"
D028186-185E	18-1/2"	1"	3"	11/16"	D028186-20	20"	1"	2-1/2"	9/16"
D028186-185F	18-1/2"	1"	4"	11/16"	D028186-20A	20"	1"	4-1/8"	11/16"
D028186-18625	18-5/8"	1"	2-3/4"	11/16"	D028186-28	28"	1"	5"	11/16"
D028186-1875	18-3/4"	1"	3"	11/16"	D028186-97	97"	1"	3-1/2"	11/16"
D028186-18875	18-7/8"	1"	2-1/2"	9/16"	D028186-97.5	97-1/2"	1"	2"	11/16"
D028186-19	19"	1"	3"	11/16"					
D028186-19A	19"	1"	2-15/16"	9/16"					
D028186-19B	19"	1"	2-5/16"	11/16"					
D028186-19C	19"	1"	3-3/8"	11/16"					

MATERIAL SPEC.
.750" DIA. ROUND BAR
ASTM A-576 GR.1015-1020

TOLERANCE .0625
UNLESS OTHERWISE
NOTED

PENNSYLVANIA RAIL CAR CO.	
HANDHOLD	
(STYLE 3R)	