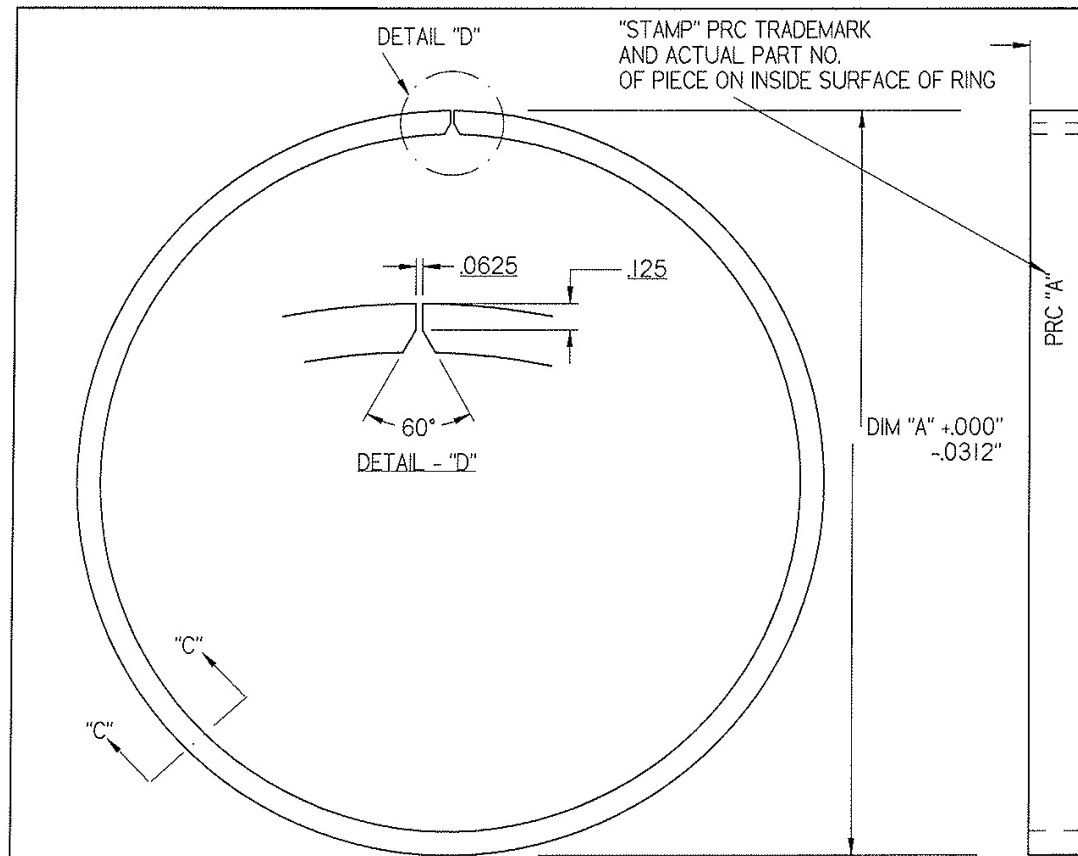
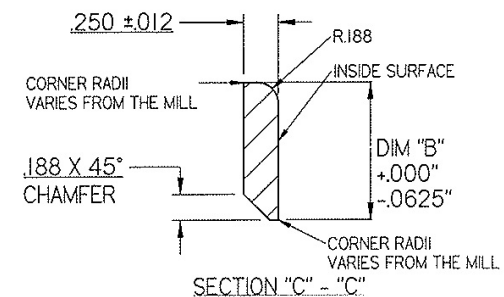


REVISIONS



REV	DIE	BLANK	# MANGANESE	# STAINLESS	DIM "A"	DIM "B"
E	6"	43-1/4"	497-14-1M	497-14-1SS	14"	1"
E	6"	43-1/4"	497-14-14M	497-14-14SS	14"	1-1/4"
E	6"	43-1/4"	497-14-16M	497-14-16SS	14"	1-3/8"
E	7"	44-.875"	497-148-1M	497-148-1SS	14-1/2"	1"
E	7"	44-.875"	497-148-12M	497-148-12SS	14-1/2"	1-1/8"
E	7"	44-.875"	497-148-14M	497-148-14SS	14-1/2"	1-1/4"
H	7"	44-.813"	497-148-16M	497-148-16SS	14-1/2"	1-3/8"
E	7"		497-15-12M	497-15-12SS	15"	1-1/8"
E	7"	47-11/16"	497-158-1M	497-158-1SS	15-1/2"	1"
E	7"	47-11/16"	497-158-16M	497-158-16SS	15-1/2"	1-3/8"
J	7 1/8"	49-1/2"	497-16-1M	497-16-1SS	16"	1"
J	7 1/8"	49-1/2"	497-16-12M	497-16-12SS	16"	1-1/8"
J	7 1/8"	49-1/2"	497-16-2M	497-16-2SS	16"	2"
K	7 1/8"	51-1/16"	497-168-1M	497-168-1SS	16-1/2"	1"
K	7 1/8"	51-1/16"	497-168-12M	497-168-12SS	16-1/2"	1-1/8"
K	7 1/8"	51-1/16"	497-168-13M	497-168-13SS	16-1/2"	1-3/4"
K	7 1/8"	51-1/16"	497-168-23M	497-168-23SS	16-1/2"	2"
K	7 1/8"	51-1/16"	497-168-23M	497-168-23SS	16-1/2"	2-1/4"
E	8"	75"	497-24-2M	497-24-2SS	24"	2"



MATERIAL SPEC.

OPTION #1 - AISI TYPE 304 STAINLESS STEEL
OPTION #2 - 11% TO 14% MANGANESE STEEL

MAT'L, AS PER PARAGRAPH 5 OF STANDARD
S-305

~NOTES~

1. RINGS MUST BE SMOOTH, FREE FROM SCALE, FINS, CRACKS OR OTHER INJURIOUS DEFECTS.
2. MANUFACTURER'S NAME MUST BE STAMPED ON EACH RING
3. IF MANGANESE IS USED, IT MUST BE HEAT TREATED TO FULL AUSTENITIC CONDITION.

L	12-27-11	R.188 ADDED
K	12-8-09	51-1/16" w/50-15/16"
J	1-6-09	49.500 W/49.438
H	8-4-08	44.813 W/44.750
G	3-18-08	49.4375 w/49.3125
F	11-14-04	-158 w/47.8125
E	9-15-02	REDRAWN CADD
D	4-27-00	SEC. 'C-C' w/SQ. STAMP ADDED
C	11-10-95	TABLE REVS'D
B	6-13-89	PART NOS ADDED
A	1-13-87	FIRST ISSUE
REV	DATE	DESCRIPTION
DWG. NO.	D860497	
PART NO.	SEE TABLE	

TOLERANCE
+.031" UNLESS
OTHERWISE NOTED.

PENNSYLVANIA RAIL CAR CO.

VERTICAL WEAR LINER RING

DRAWN BY: MTR

CHECKED BY: WSR

AUTHORIZED BY: WSR