POINT LOCATIONS
1 (0.0) CENTER 5/8 RADIUS
2 (-2.00428, -1.02244) CENTER 2 7/8 RADIUS
3 (-1.32813, 0.375) CENTER 3/4 RADIUS
4 (-0.504765, 0.220624) END CONNECTING LINE
5 (-0.520407, 0.110252) END CONNECTING LINE
6 (-1.32813, -0.375) START 1 IN 20 TAPER

IMPORTANT:
5/8 RADIUS AND 3/4 RADIUS DO NOT INTERSECT
LINE TANGENT TO BOTH ARCS CONNECTS

DEFINED GAGE POINT 0.00486389 INCHES
OFF GAGE SURFACE

REFERENCE:
AAR DISCONTINUED ADOPTED 18 CONTOUR
STILL USED BY SOME PASSENGER CARS
TREAD AND FLANGE CONTOUR FOR
WIDE FLANGE STEEL FREIGHT CAR WHEELS
Standard
Adopted: 1920; Revised 1978
VERIFY WITH CONTOUR MAPPING
MAX MANUFACTURE DEVIATION: .003"
MAX RECERTIFICATION DEVIATION: .005"
NON-GAGING OUTSIDE +/- 1/32"

WINCHESTER INDUSTRIES INC.

FLANGE CONTOUR GAGE

Material:
Stainless Steel 17-7
Thickness: 1/8"
Harden

SCALE: .75