REFERENCE:
CE 40 UNI-POINT / WIDE FLANGE DIESEL WHEEL
GRIFFIN WHEEL DRAWING W-UE40B REV B
MODIFIED TO APEX CORP.
DRAWING K-899,900 7/20/97
BOTH GEOMETRIES BELENDED BY
WINCHESTER INDUSTRIES

DATA POINTS
A (0.000, 0.000) CTR 5/8 RADIUS
B (0.00, 0.0625) CTR 9/16 RADIUS
C (-0.209526, -0.239327) CTR 1.0 RADIUS
D (-1.03125, 0.234375) CTR 15/32 RADIUS
E (-1.65077, 1.28992) CTR 1 11/16 RADIUS
F (-0.532085, 0.244932) START TANGENT LINE
G (-0.587838, 0.062348) END TANGENT LINE
H (-1.51179, -0.40374) START OF TAPER

VERIFY WITH CONTOUR MAPPING
MAX MANUFACTURE DEVIATION: .003"
MAX RECERTIFICATION DEVIATION: .005"

ALTERNATE RECERTIFICATION METHOD:
MASTER GAGE W888-2

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

SCALE: 1X

WINCHESTER INDUSTRIES INC.
UNI-POINT CONTOUR GAGE

<table>
<thead>
<tr>
<th>SIZE</th>
<th>Job#</th>
<th>DWG NO.</th>
<th>Disk</th>
<th>REV</th>
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<tbody>
<tr>
<td>A</td>
<td></td>
<td>W888-1</td>
<td></td>
<td>B</td>
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CUSTOMER WINCHESTER
ENG JCD 12/17/97