


| REVISION HISTORY | | |
|------------------|---------|-------------------|
| REV | DATE | DESCRIPTION |
| A | 6/19/19 | ISSUED FOR REVIEW |

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| THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY BE USED FOR ANY PURPOSES WITHOUT THE WRITTEN PERMISSION FROM ALCO INC. OR ITS DIVISIONS. | EST. WT. 1172 lbmass | | DO NOT SCALE | | <div><div>ALCO Industrial</div><div>11650 - 156 Street Edmonton, Alberta, Canada T6M 3T5 Phone: (780) 451-6222 • Fax: (780) 452-4355</div></div> <div>30" HCWI NOZZLE FORT HILLS / SUNCOR</div> |
| | UNLESS OTHERWISE SPECIFIED | | DRAWN BY: | DATE | |
| | ALL DIMENSIONS ARE IN INCHES. BREAK ALL SHARP EDGES 01" OR OR 45° RADI | | JDS | 6/19/19 | |
| | 95 T.I.R. .010. INTERPRET DWG PER ANSI Y14.5 STANDARD. | | CHECKED BY: | DATE | |
| | TOLERANCES: | | APPROVED: | DATE | |
| | X .XX = ± .116 | | | | |
| | X.XX = ± .030 | | | | |
| | X.XXX = ± .015 | | | | |
| | X.XXXX = ± .005 | | | | |
| | ANGLES | | | | |
| MATERIAL & HEAT TREAT | | | | | |
| ASTM A532 CLASS III | | | | | |
| TYPE A | | | | | |
| PROJECT NAME | | REFERENCE | | REV. | |
| A1-19010 | | A1-19010-200-00 | | A | |
| DWG. / PART NO. | | SHEET | | | |
| A1-19010-200-02 HCWI nozzle insert.idw | | 1 OF 1 | | | |