

# First Article Inspection -Mayfield Results

Part Number  
Part Name

300368  
BOLT PLUG

Drawing #  
Rev. Level

D-300368  
13

Vendor  
Date Received  
Lot #

KELLEMS & COE  
8/8/00  
n/a

300368-4D

| SAMPLES |                   |        |        |        |        |        | Average | Min    | Max    |          |
|---------|-------------------|--------|--------|--------|--------|--------|---------|--------|--------|----------|
| #       | Feature Name      | #1     | #2     | #3     | #4     | #5     |         |        |        |          |
| 1       | .250 +/- .001     | 0.2475 | 0.2465 | 0.2455 | 0.2470 | 0.2470 | 0.2467  | 0.2455 | 0.2475 | Gage pin |
| 2       | .142 +/- .001     | 0.1415 | 0.1410 | 0.1410 | 0.1410 | 0.1410 | 0.1411  | 0.1410 | 0.1415 | Gage pin |
| 3       | .225 +/- .002     | 0.2230 | 0.2230 | 0.2230 | 0.2235 | 0.2230 | 0.2231  | 0.2230 | 0.2235 | Gage pin |
| 4       | .150 +/- .005     | 0.1445 | 0.1445 | 0.1450 | 0.1450 | 0.1440 | 0.1446  | 0.1440 | 0.1450 | Caliper  |
| 5       | 1.170 +/- .005    | 1.1750 | 1.1750 | 1.1680 | 1.1680 | 1.1700 | 1.1712  | 1.1680 | 1.1750 | Caliper  |
| 6       | .585 +/- .005     | 0.5900 | 0.5900 | 0.5900 | 0.5900 | 0.5880 | 0.5896  | 0.5880 | 0.5900 | Comp     |
| 7       | .465 +/- .005     | 0.4660 | 0.4680 | 0.4700 | 0.4660 | 0.4700 | 0.4680  | 0.4660 | 0.4700 | Comp     |
| 8       | .450 +/- .005     | 0.4500 | 0.4340 | 0.4360 | 0.4500 | 0.4530 | 0.4446  | 0.4340 | 0.4530 | Comp     |
| 9       | .606 +/- .005     | 0.6070 | 0.6030 | 0.6030 | 0.6060 | 0.6030 | 0.6044  | 0.6030 | 0.6070 | Comp     |
| 10      | .180 +/- .005 B/T | 0.180  | 0.182  | 0.181  | 0.181  | 0.180  | 0.1808  | 0.1800 | 0.1820 | Caliper  |
| 11      | .360 +/- .005     | 0.3590 | 0.3580 | 0.3580 | 0.3580 | 0.3590 | 0.3584  | 0.3580 | 0.3590 | Caliper  |
| 12      | .450 +/- .002     | 0.4480 | 0.4470 | 0.4480 | 0.4460 | 0.4480 | 0.4474  | 0.4460 | 0.4480 | Caliper  |
| 13      | .125 R typ        | A      | A      | A      | A      | A      | A       | A      | A      | Visual   |
| 14      | check alignment   | A      | A      | A      | A      | A      | A       | A      | A      | Visual   |
| 15      | cosmetic non-conf | A      | A      | A      | A      | A      | A       | A      | A      | Visual   |
| 16      | .020 R typ        | A      | A      | A      | A      | A      | A       | A      | A      | Visual   |
| 17      | .490 +/- .003     | 0.4900 | 0.4930 | 0.4880 | 0.4890 | 0.4890 | 0.4898  | 0.4880 | 0.4930 | comp     |
| 18      |                   |        |        |        |        |        |         |        |        |          |
| 19      |                   |        |        |        |        |        |         |        |        |          |
| 20      |                   |        |        |        |        |        | #DIV/0! | 0.0000 | 0.0000 |          |
| 21      |                   |        |        |        |        |        | #DIV/0! | 0.0000 | 0.0000 |          |
| 22      |                   |        |        |        |        |        | #DIV/0! | 0.0000 | 0.0000 |          |
| 23      |                   |        |        |        |        |        | #DIV/0! | 0.0000 | 0.0000 |          |
| 24      |                   |        |        |        |        |        | #DIV/0! | 0.0000 | 0.0000 |          |
| 25      |                   |        |        |        |        |        | #DIV/0! | 0.0000 | 0.0000 |          |
| 26      |                   |        |        |        |        |        | #DIV/0! | 0.0000 | 0.0000 |          |
| 27      |                   |        |        |        |        |        | #DIV/0! | 0.0000 | 0.0000 |          |
| 28      |                   |        |        |        |        |        | #DIV/0! | 0.0000 | 0.0000 |          |
| 29      |                   |        |        |        |        |        | #DIV/0! | 0.0000 | 0.0000 |          |
| 30      |                   |        |        |        |        |        | #DIV/0! | 0.0000 | 0.0000 |          |

Approved By  
Rejected By

JOHN STAIRS

Date  
Date

6/19/00

Revised By: M. Goelmboski  
Revision Date: 2/14/00

710-300368-4D

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