



# Lark Engineering Company (India) Pvt. Ltd.

I.T.I. Sasouli Road, Yamuna Nagar - 135 001 (Haryana)

Form No.

CNC/QA/FM/03

Rev. No.

01

## Final Inspection (Pellet Dies) after Hardening & Finishing

Rev. Date

31-07-2013

7520

| S.No.                      | Check Parameter                              | Specification             | Observations           | Remarks             |
|----------------------------|--|---------------------------|------------------------|---------------------|
| 1.                         | Work order No.                               |                           | 10772                  | 35/40               |
| 2.                         | Visual Inspection                            |                           | OK - 4.0 mm (Cylinder) | Dring No 865 AB     |
| 3.                         | Pellet Die No.                               |                           | 11126                  | UT-OK               |
| 4.                         | Hardened by                                  |                           | herk ferner            | Relief-OK           |
| 5.                         | Received by after hardening (Name)           |                           | Jauja                  | (2.2) = 9mm         |
| 6.                         | Hardness achieved on 1 <sup>st</sup> side    |                           | 51.4-57.5 HRC          | Relief 4.5 = 5mm    |
| 7.                         | Hardness achieved on 2 <sup>nd</sup> side    |                           | 50.6-53.4 HRC          | Counter-OK          |
| 8.                         | Ovality after hardening 1 <sup>st</sup> side |                           | (0.1) mm               | PCD - 350 mm        |
| 9.                         | Ovality after hardening 2 <sup>nd</sup> side |                           | (0.1) mm               | Tapping $\phi$ 3/4" |
| 10.                        | Outside Diameter                             |                           | 390 mm                 | Deep - 19 mm        |
| 11.                        | Inside Diameter                              |                           | 310 mm                 | Tapping Hole of     |
| 12.                        | Width of die                                 |                           | 135 mm                 | Holes - 8           |
| Inspected By (Sign) & Date |  | Jauja 13/12/23            |                        |                     |
| 1.                         | Finish Fitting size 1 <sup>st</sup> side     | 381 $\pm$ 110 $\pm$ 12 mm |                        |                     |
| 2.                         | Finish Fitting size 2 <sup>nd</sup> side     | 381 $\pm$ 111 $\pm$ 12 mm |                        |                     |
| 3.                         | Finish size made by                          |                           |                        |                     |
| Inspected By (Sign) & Date |  | Jauja 13/12/23            |                        |                     |
| 1.                         | Supplied to (Customer Name)                  | Smarttech, P.B.           |                        |                     |
| 2.                         | Dispatch Date                                |                           |                        |                     |
| Reported By (Sign) & Date  |  | Jauja 13/12/23            |                        |                     |

Reviewed by (Engineer-CNC)  
Sats  
13/12/23

Manager-CNC