

# Lark Engineering Company (India) Pvt. Ltd.

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

14913

Form No. CNC/QA/FM/03  
Rev. No. 01  
Rev. Date 31-07-2013

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

| S.No.                      | Check Parameter                              | Specification Observations             | Remarks                |
|----------------------------|----------------------------------------------|----------------------------------------|------------------------|
| 1.                         | Work order No.                               |                                        | 35169                  |
| 2.                         | Visual Inspection                            | 15077                                  | Length 823 AB          |
| 3.                         | Pellet Die No.                               | OK - 6.0 mm (M. Subh)                  | UT-OK                  |
| 4.                         | Hardened by                                  | 14800                                  |                        |
| 5.                         | Received by after hardening (Name)           | Lark Finny                             | Relief - OK            |
| 6.                         | Hardness achieved on 1 <sup>st</sup> side    | 50.1 - 50.2 HRc -                      | Ø 7.0 3.34 mm<br>5 AEP |
| 7.                         | Hardness achieved on 2 <sup>nd</sup> side    | 49.8 - 50.5 HRc -                      | NO-RE-CAUTION-OK       |
| 8.                         | Ovality after hardening 1 <sup>st</sup> side | (1.0) mm (A)                           | PCD - 765 mm           |
| 9.                         | Ovality after hardening 2 <sup>nd</sup> side | (1.0) mm (A)                           | Tapping M16            |
| 10.                        | Outside Diameter                             | 838 mm (A)                             | Deep - 30.5 mm         |
| 11.                        | Inside Diameter                              | 700 ± 0.2 ± 0.5 - 700 ± 0.07 ± 0.08 mm | Tapping Ho of          |
| 12.                        | Width of die                                 | 240 mm                                 | Ho of Hcb - 2          |
| Inspected By (Sign) & Date |                                              | Jai 13/6/25                            |                        |
| 1.                         | Finish Fitting size 1 <sup>st</sup> side     | 845 ± 0.10 - 845 ± 0.10 Tappet 5°      | Final size check       |
| 2.                         | Finish Fitting size 2 <sup>nd</sup> side     | 845 ± 0.10 - 8845 ± 0.10 Tappet 5°     | by - Vernier size      |
| 3.                         | Finish size made by                          |                                        |                        |
| Inspected By (Sign) & Date |                                              | Jai 13/6/25                            |                        |
| 1.                         | Supplied to (Customer Name)                  | R R H Bafnel, Haryana                  |                        |
| 2.                         | Dispatch Date                                |                                        |                        |
| Reported By (Sign) & Date  |                                              | Jai 13/6/25                            |                        |

14/6/25

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Reviewed by (Engineer-CNC)

Manager-CNC