

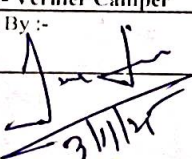
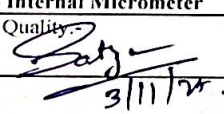
15818

 LARK ENGINEERING CO. (INDIA) PVT. LTD.										Format No.: C-SCA/X/PM/03	
Pellet Die Final Inspection Report										Rev./Date: 02/15-05-15	
Machine Name:- L-M-07				WON :- 16348				JUDGEMENT SYMBOLS			
Drawing No./Rev.:- 18381				Blank NO.:- 16490				OK ☒			
Part Mfg. Date :- 31/10/25				Hole Size :- 8.0				REJECT ☒			
Inspector Name:- Sanjay				Category :- Senior				REWORK ☐			
Inspection Date:- 11/11/25				Customer Name:- Swaghtik, Dihar				CONDITIONALLY ACCEPTED ☐			

Sl. No.	Check Parameters	Checking Method	Unit	Dimension	Tolerance	Critical Size	Observations	Judgement	Remark
1	Visual Inspection	Visually Observe the Dents, Crack, Burr, Sharp Edges etc.					ok	✓	
2	Outer Diameter	VC	mm	530	+/-0.1		530	✓	
3	Inside Diameter	VC	mm	420	+/-0.1		420	✓	
4	Width of die	VC	mm	158	+/-0.2		158	✓	
5	Hardened By	Inhouse/Outsource					hule Percy	✓	
6	Hardness Achieved on 1st Face	Hardness Tester	HRC	50-55 HRC			50.1 - 50.6	✓	
7	Hardness Achieved on 2nd Face	Hardness Tester	HRC	50-55 HRC			50.8 - 50.9	✓	
8	Ovality After Hardening 1st Side	VC	mm	Upto 700 OD-0.7 max, Above 700 OD-1mm max			.3	✓	
9	Ovality After Hardening 2nd Side	VC	mm				.4	✓	
10	OD Fitting Size 1st Side	MM	mm	489	±0.02	*	489 ±0.05 ±0.05	✓	
11	OD Fitting Size 2nd Side	MM	mm	489	±0.02	*	489 ±0.05 ±0.05	✓	
12	ID Fitting Size 1st Side	IMM	mm		±0.02	*	—	✓	
13	ID Fitting Size 2nd Side	IMM	mm			*	—	✓	
14	Tapper/Straight Fit	Visual					Straight	✓	
15	Tapper Angle	Bevel Protector	Degree			*	—	✓	
16	Total Step Length	VC	mm		+/-0.1		18	✓	
17	Tapper Step Length	HG/VC	mm		+/-0.1		—	✓	
18	Face Groove Depth	VC	mm		+/-0.1		—	✓	
19	Thread Quality	Thread Plug Gauge	Pass/Fail	Go Gauge Should be Qualify	NOGO Gauge Not more then 2 Thread	*	ok	✓	
20	Undercut	VC	mm				—	✓	
21	Slot Size (WxD)	VC	mm		+/-0.1		—	✓	
22	Recounter Quality if applicable	Visual					—	✓	
23	Surface Finish On Fitting Size	Surface Roughness Tester	Ra	1 Ra max			—ok	✓	
24	⊥ on Fitting size W.R.T Face	Dial and HG	mm	0.05 Max				✓	
25	Marking Pattern	Visual		Blank No	Category	Hole Size	Relief Ratio		
			LARK	16490	Senior	8.0	50/55	✓	

Remarks :-

Note:- Critical Size Denoted by * Mark. Critical Dimension Mandatory to Be Check & Fill in the actual Size by Quality Inspector.

VC- Vernier Calliper	IMM- Internal Micrometer	MM-Micro Meter	HG- Height Gauge
Checked By :- 	Verified By Quality :- 	Approved By:-	RN NO. :-
			File In Record :-