

15816

LARK ENGINEERING CO. (INDIA) PVT. LTD.

Pellet Die Final Inspection Report

Format No.: CNC/QC/FM/03

Rev./Date: 02/15-05-25

Machine Name:- Dogaan 67L

WON :- 16321

Drawing No./Rev.:- 1461

Blank NO.:- 16525

Part Mfg. Date :- 31/10/25

Hole Size:- 4.0

Inspector Name:- ~~SHREE~~ Jagan

Category :- JEW

Inspection Date:- 31/11/25

Customer Name:- Shree Ganesha, PB

JUDGEMENT SYMBOLS

OK ☒REJECT ☒REWORK ☐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	753	+/-0.1		753	✓	
3	Inside Diameter	VC	mm	630	+/-0.1		630	✓	
4	Width of die	VC	mm	290	+/-0.2		290	✓	
5	Hardened By	Inhouse/Outsource					hark Porey		
6	Hardness Achieved on 1st Face	Hardness Tester	HRC	50-55 HRC			48.6 - 49.1	(A)	
7	Hardness Achieved on 2nd Face	Hardness Tester	HRC	50-55 HRC			48.7 - 48.9	(A)	
8	Ovality After Hardening 1st Side	VC	mm	Upto 700 OD-0.7 max, Above 700 OD-1mm max			1.1		Recounter
9	Ovality After Hardening 2nd Side	VC	mm				.9		due to ovality.
10	OD Fitting Size 1st Side	MM	mm	741.1	+ .05	*	741.1 + .05 + .05		[final size checked by Dogaan - opr.]
11	OD Fitting Size 2nd Side	MM	mm	741.1	+ .05	*	741.1 + .05 + .05		
12	ID Fitting Size 1st Side	IMM	mm			*	—		
13	ID Fitting Size 2nd Side	IMM	mm			*	—		
14	Tapper/Straight Fit	Visual					Tapper	—	
15	Tapper Angle	Bevel Protector	Degree			*	10°	—	
16	Total Step Length	VC	mm		+/-0.1		23	—	
17	Tapper Step Length	HG/VC	mm		+/-0.1		21	—	
18	Face Groove Depth	VC	mm		+/-0.1		.5	—	
19	Thread Quality	Thread Plug Gauge	Pass/Fail	Go Gauge Should be Quality	NOGO Gauge Not more than 2 Thread	*	ok	—	
20	Undercut	VC	mm				—		
21	Slot Size (WxD)	VC	mm		+/-0.1		—		
22	Recounter Quality if applicable	Visual		Check For Finishing			ok	—	
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		
				16525	JEW	4.0	54/61.5	✓	

Remarks :-

* 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
Used By :-	Verified By Quality:-	Approved By:-	RN NO. :-
			File In Record :-

Jagan
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