

TPM CIRCLE NO :-	ACTIVITY	KK	QM	PM	JH	SHE	OT	DM	E&T
TPM CIRCLE NAME :-	LOSS NO. / STEP	10							
DEPT :- ME	RESULT AREA	P	Q	DEF :- A/B/C	C	D	S	M	

KAIZEN NO:-

CELL :- A352,A385 CELL NAME:- D.C MACHINE / STAGE :- Spark Machine OPERATION :- Drilling & Tapping

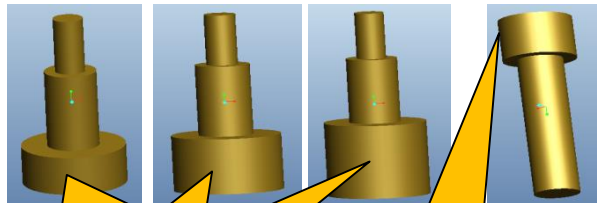
**KAIZEN THEME:-** To Reduce the spare cost of Jig & Fixture

**IDEA:-**Common size

**WIDELY/DEEPLY:-**

**COUNTERMEASURE:-**Changed size of dowel pin head length dia. from 2mm to 8 mm. And pin Ø8.0 Length standard 5 mm.

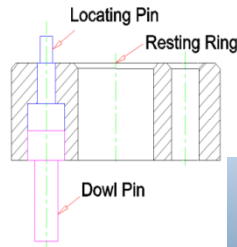
**PROBLEM / PRESENT STATUS :-** we had to maintain a lot of stock various type of pin for drilling tapping.



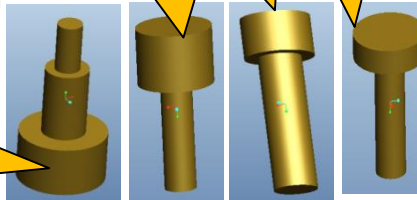
Pin Ø8.0 Length  
Pin1 = 12.7 mm  
Pin 2 = 9.5 mm  
Pin 3 = 6.5 mm

Pin Ø8.0 Length  
5.0mm

**BEFORE**



Dowel Head Ø8.0 Length  
Dowel 1 = 12.7 mm  
Dowel 2 = 10.5 mm  
Dowel 3 = 8.0 mm



Pin Ø8.0 Length  
5.0mm

**AFTER**

<b>BENCHMARK</b>	60 nos
<b>TARGET</b>	20 nos
<b>KAIZEN START</b>	06.06.15
<b>KAIZEN FINISH</b>	15.06.15

**TEAM MEMBERS :-**  
Jasbir Kumar (ME)

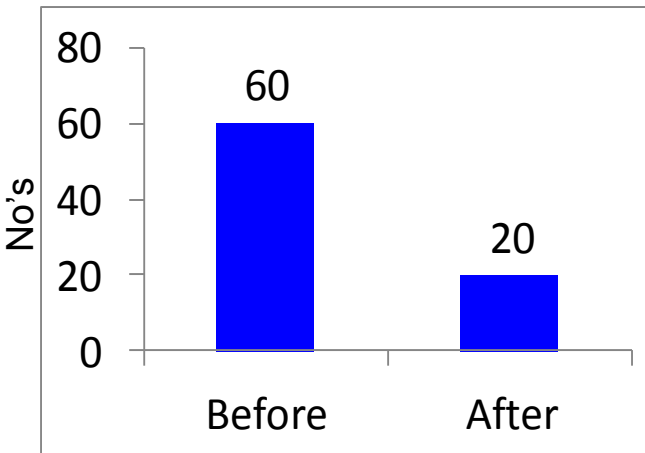
**BENEFITS :-**  
Save the Jig & Fixture Spare Cost.

**KAIZEN SUSTENANCE**

**WHY-WHY ANALYSIS :-**

- WHY 1 :-** we had to maintain a lot of stock various type of pin.
- WHY 2 :-** Required Separate pin available for every model
- WHY 3 :-** Pin size was different

**RESULT :-**Reduced the spare cost of Jig & Fixture



**ROOT CAUSE :-**Pin size was different

**WHAT TO DO :-** Ir- Reversible

**HOW TO DO :-** One Time Action

**FREQUENCY :-**

**COST INCURRED FOR MAKING KAIZEN**

MATERIAL COST RS.	LABOUR COST RS.	TOTAL COST RS.
.....	.....	.....

**SCOPE & PLAN FOR HORIZONTAL DEPLOYMENT**

SR. NO.	CELL	TARGET	RESPONSIBILITY	STATUS
	D.C	done	Jasbir	Done

**REGISTRATION NO&DATE:**

**REGISTERED BY :-**

**MANAGER'S SIGN :-**