

# **SAMADHAN INNOVATIVE SOLUTIONS LLP.**

**Production –  
Few Components that we manufacture in batch quantities.**

**Innovative Solutions in Swaging,  
Forming, and drilling Parts**



**We Specialize In Designing And Manufacturing Of High-  
precision Components.**

# SAMADHAN INNOVATIVE SOLUTIONS LLP.

## Production – Pipe Beading (Forming profile)



**Rolling(beading) Machine Operation Component.**

**Pipe OD Ø 60mm.**

**After rolling OD Ø 80mm.**

**After rolling Pipe length 72mm.**

**Pipe thik. 1.5mm.**



**Pipe OD Ø65.40mm.**

**Pipe thik. 1.50mm.**

**Beading 9mm**

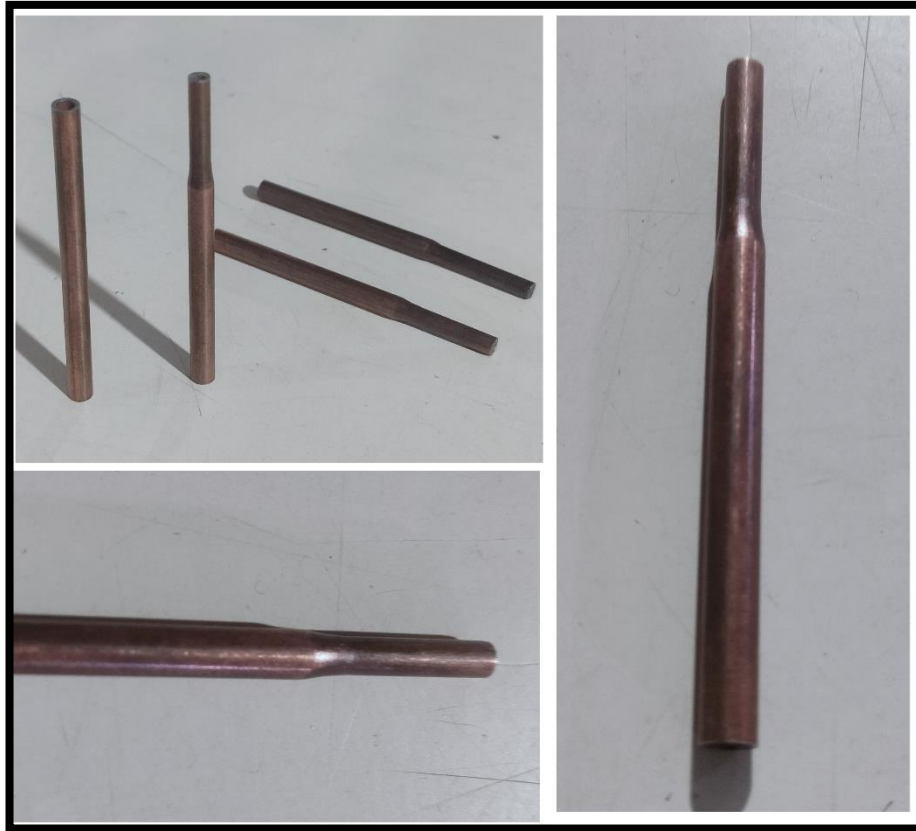
**Our  
Production.**

**We Specialize In Designing And Manufacturing  
Of High-precision Components.**

**We are  
Suppliers.**

# **SAMADHAN INNOVATIVE SOLUTIONS LLP.**

## **Production – Swaging**



**Auto feeding Rotary swaging  
Machine(Hammering pipe Operation)**

**Pipe OD Ø4mm  
After sizing OD Ø 3.18mm  
Pipe sizing length 16mm  
Pipe Thik 0.5mm**

**Our  
Production.**

**We Specialize In Designing And Manufacturing  
Of High-precision Components.**

**We are  
Suppliers.**

# SAMADHAN INNOVATIVE SOLUTIONS LLP.

## Production – Ram Forming



**Ram forming swaging machine-  
-pipe reduction**

**Tool- Gripper, insert, finger type  
tooling(sizing ratio 5mm).**

**-pipe expansion:**

**Tool- Gripper, mandrill, finger type  
tooling(sizing ratio 5mm).**

**Pipe OD Ø 44mm.**

**After sizing OD Ø 47mm.**

**Pipe sizing length 50mm.**

**Our  
Production.**

**We Specialize In Designing And Manufacturing  
Of High-precision Components.**

**We are  
Suppliers.**

# **SAMADHAN INNOVATIVE SOLUTIONS LLP.**

**Production – Pressing & Piercing**



**Special Purpose Machine-**

**After Rod length 107.70mm**

**Piercing hole IDØ 6.75mm**

**After press. Rod thik. 2.5mm.**

**Raw Material Coil type: (auto feeding)**

- 1. de-coiler**
- 2. Horizontal/vertical straitening unit cross.**
- 3. Servo motor feeding**
- 4. Both end flattening**
- 5. Both piercing holes.**
- 6. Streaming.(cycle time 7sec.)**

**Our  
Production.**

**We Specialize In Designing And Manufacturing  
Of High-precision Components.**

**We are  
Suppliers.**

# SAMADHAN INNOVATIVE SOLUTIONS LLP.

## Production – Piercing



**This component needs following SPM-**

**Press tool die:**

- 1. Swaging SPM**
- 2. Flattening DIE (press m/c)**
- 3. Piercing DIE (press m/c)**

**Our  
Production.**

**We Specialize In Designing And Manufacturing  
Of High-precision Components.**

**We are  
Suppliers.**

# **SAMADHAN INNOVATIVE SOLUTIONS LLP.**

**Production – Pipe Swaging (reduction & expansion)**



**Pipe OD Ø12.65mm  
After sizing Pipe OD Ø9mm  
Sizing length 24mm.**

- 1. Swaging SPM**
- 2. Bending SPM**

**Our  
Production.**

**We Specialize In Designing And Manufacturing  
Of High-precision Components.**

**We are  
Suppliers.**

# **SAMADHAN INNOVATIVE SOLUTIONS LLP.**

## **Production – Threading**



**Rolling type Threading SPM.**

**Pipe threading M10:**

**Pipe OD Ø12.7mm.  
swaging OD Ø8.95mm  
swaging Length 24mm.**

**Our  
Production.**

**We Specialize In Designing And Manufacturing  
Of High-precision Components.**

**We are  
Suppliers.**

# SAMADHAN INNOVATIVE SOLUTIONS LLP.

## Our Customers:

