

# Invest in better components & Increase efficiency



Available Sizes :  
40mm to 130mm

## Pioneers of Laser treated plunger tip in INDIA

**SR Laser treated Ceramic Coated Plunger tips** prevent alloy from penetrating between the shot sleeve and plunger, prolonging tooling life. Tip moves smoothly and consistently, with minimum of lubrication, through the shot sleeve bore **increasing casting properties**. Maintain a secure seal with the shot sleeve wall necessary for an effective vacuum to be drawn **reducing porosity**. Cool the biscuit quickly to **reduce idle cycle time**.

The outside diameter of plunger tip is machined and laser treated to best match tolerances, with clearances of **0.05-0.13 mm**.

### Benefits of SR Die-casting Plunger Tip:

- Reduce cost per shot
- Increase plunger life
- Increase shot sleeve life
- Improve vacuum seal
- Reduce scrap rate
- Reduce downtime

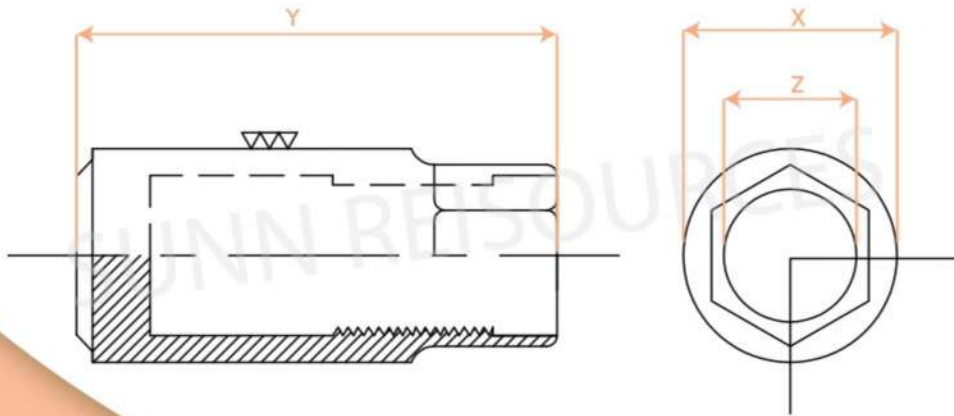
**Dealership Enquiries Solicited.**

# Die-casting Plunger tip

## Laser treated ceramic coating



### Engineering Diagram of SR Die-casting Plunger Tip:



X:Plunger Diameter  
Y : Plunger Length  
Z :Thread Size

### Dimension Table of SR Die-casting Plunger Tip:

Sr. No.	Plunger Name	Plunger Diameter (X)	Plunger Length (Y)	Grinding Tolerance	Thread Size (Z)
1	SRPT40	40 mm	90 mm	Minus 0.02-0.04	M27*2.00 mm
2	SRPT 45	45 mm	90 mm	Minus 0.02-0.04	M27*2.00 mm
3	SRPT50	50 mm	90 mm	Minus 0.02-0.04	M30*2.00 mm
4	SRPT60	60 mm	90 mm	Minus 0.03-0.05	M30*2.00 mm
5	SRPT70	70 mm	90 mm	Minus 0.04-0.06	M30*2.00 mm
6	SRPT80	80 mm	90 mm	Minus 0.05-0.07	M36*2.00 mm
7	SRPT90	90 mm	90 mm	Minus 0.06-0.08	M36*2.00 mm
8	SRPT100	100 mm	100 mm	Minus 0.07-0.09	M36*3.00 mm
9	SRPT110	110 mm	140 mm	Minus 0.08-0.10	M56*3.00 mm
10	SRPT120	120 mm	140 mm	Minus 0.09-0.11	M56*3.00 mm
11	SRPT130	130 mm	150 mm	Minus 0.10-0.12	M56*3.00 mm