



SHRIRAM PISTONS & RINGS LTD.



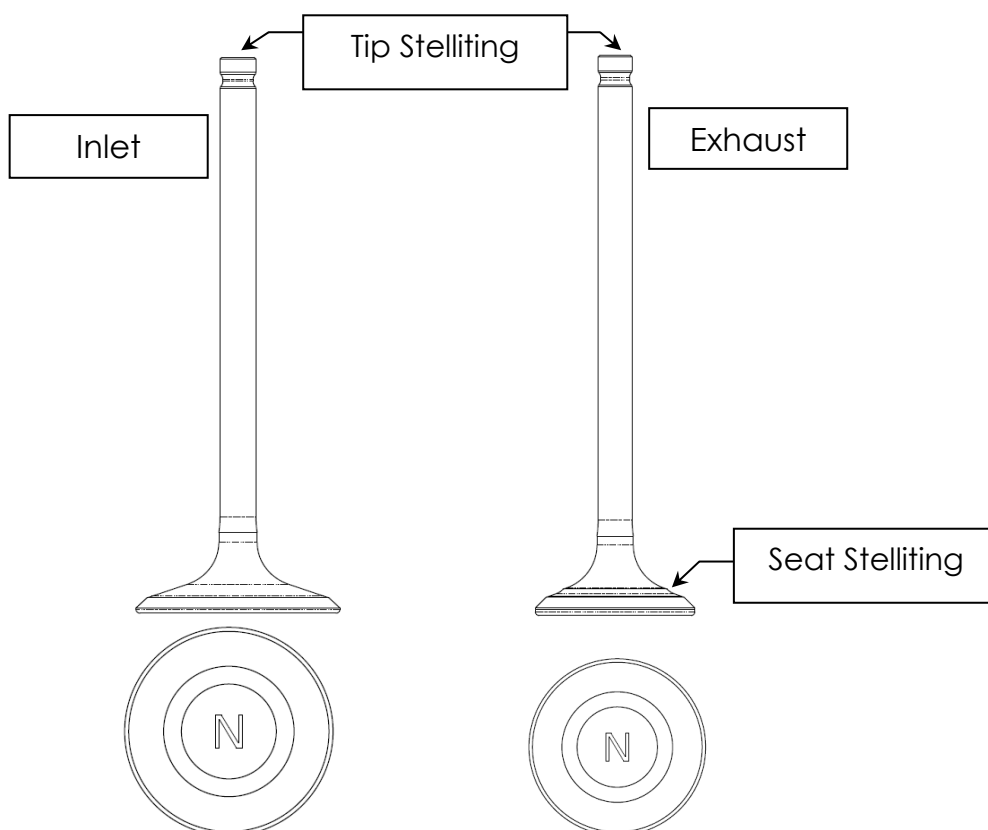
MD: TS: 16/AUG'25 INTRODUCTION CIRCULAR – **HONDA SHINE 125/SP125 BS6-ENGINE VALVES**

USHA is pleased to launch '**HONDA SHINE 125cc/ SP125 BS6**' engine valves in its aftermarket bi-wheeler product range.



The technical details of these engine valves are as under:

Model	Valve	USHA Code	D X d X L (mm)	Material	Surface Treatment	Special Process	Identification marks @ Head
Shine 125cc/ SP125 BS6	Inlet	7139	25.50 X 4.50 X 75.00	Martensitic	Tufftriding	Tip Stellinging	N
	Exhaust	7140	21.00 X 4.50 X 74.20	Austenitic	Tufftriding	Tip & Seat Stellinging	N



These valves have following features: -

Sl. No.	Particulars	Benefits to Customer
1)	Both inlet & exhaust valves are Tufftrided.	<ul style="list-style-type: none">• Low wear, hence longer life
2)	Both inlet & exhaust valves are Tip Stellite.	<ul style="list-style-type: none">• High tip shear resistance, hence longer life
3)	Exhaust valves are Seat Stellite.	<ul style="list-style-type: none">• Lesser wear @ seat, hence longer life
4)	Both inlet (Martensitic i.e. magnetic) & exhaust (Austenitic i.e. non-magnetic) valves are made of 'Mono' one piece material.	<ul style="list-style-type: none">• Low wear, hence longer life

Tuff

Tuff is the common name for Tufftriding process. In this process, the entire surface of the valve is given a special heat treatment which enhances its hardness and strength. This improves wear resistance of the valve even at higher engine temperatures.

Stellite

Stellite is a very hard material (Nickel Cobalt alloy) deposited through a process called Plasma Powder Welding (PPW). It is done on the valve 'Tip' & 'Face seat' which increases wear resistance & also provides strength to withstand at elevated engine temperature.

These features make USHA '**HONDA SHINE 125cc/ SP125 BS6**' valves unique, produced to give better performance & longer life.



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Shriram Pistons & Rings Ltd., 3rd Floor, Himalaya House, 23, Kasturba Gandhi Marg, New Delhi-110001
Tel: 011-46451100, 23315941, Email: tss@shrirampistons.com, Website: www.shrirampistons.com