



## SHRIRAM PISTONS & RINGS LTD.



MD: TS: 15/AUG'25

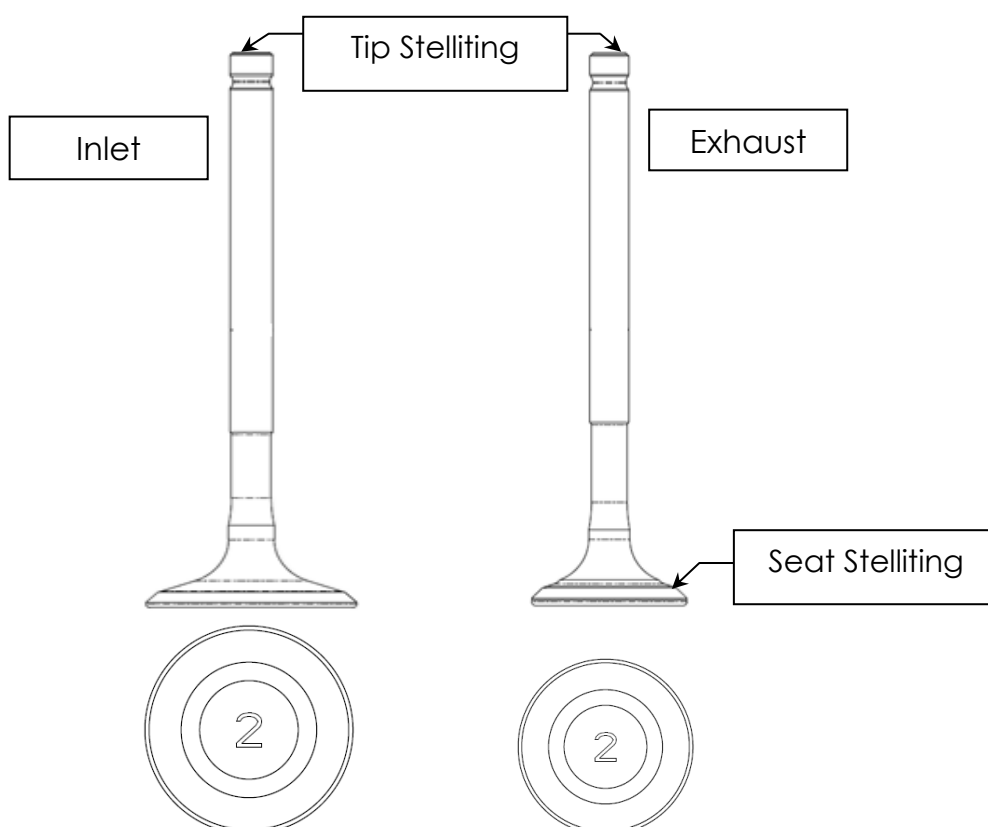
INTRODUCTION CIRCULAR – **HONDA SHINE 100cc BS6- ENGINE VALVES**

USHA is pleased to launch '**HONDA SHINE 100cc 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 100cc BS6	Inlet	7153	24.50 X 5.00 X 75.80	Martensitic	Tufftriding	Tip Stellinging	2
	Exhaust	7154	20.00 X 5.00 X 75.10	Austenitic	Tufftriding	Tip & Seat Stellinging	2



These valves have following features: -

Sl. No.	Particulars	Benefits to Customer
1)	Both inlet & exhaust valves are Tufftrided.	<ul style="list-style-type: none"><li>• Low wear, hence longer life</li></ul>
2)	Both inlet & exhaust valves are Tip Stellite.	<ul style="list-style-type: none"><li>• High tip shear resistance, hence longer life</li></ul>
3)	Exhaust valves are Seat Stellite.	<ul style="list-style-type: none"><li>• Lesser wear @ seat, hence longer life</li></ul>
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"><li>• Low wear, hence longer life</li></ul>

### **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 100cc BS6**' valves unique, produced to give better performance & longer life.



Technical Product News is an exclusive update of product & information from  
Shriram Pistons & Rings Ltd., 3rd Floor, Himalaya House, 23, Kasturba Gandhi Marg, New Delhi-110001  
Tel: 011-46451100, 23315941, Email: [tss@shrirampistons.com](mailto:tss@shrirampistons.com), Website: [www.shrirampistons.com](http://www.shrirampistons.com)