



SHRIRAM PISTONS & RINGS LTD.

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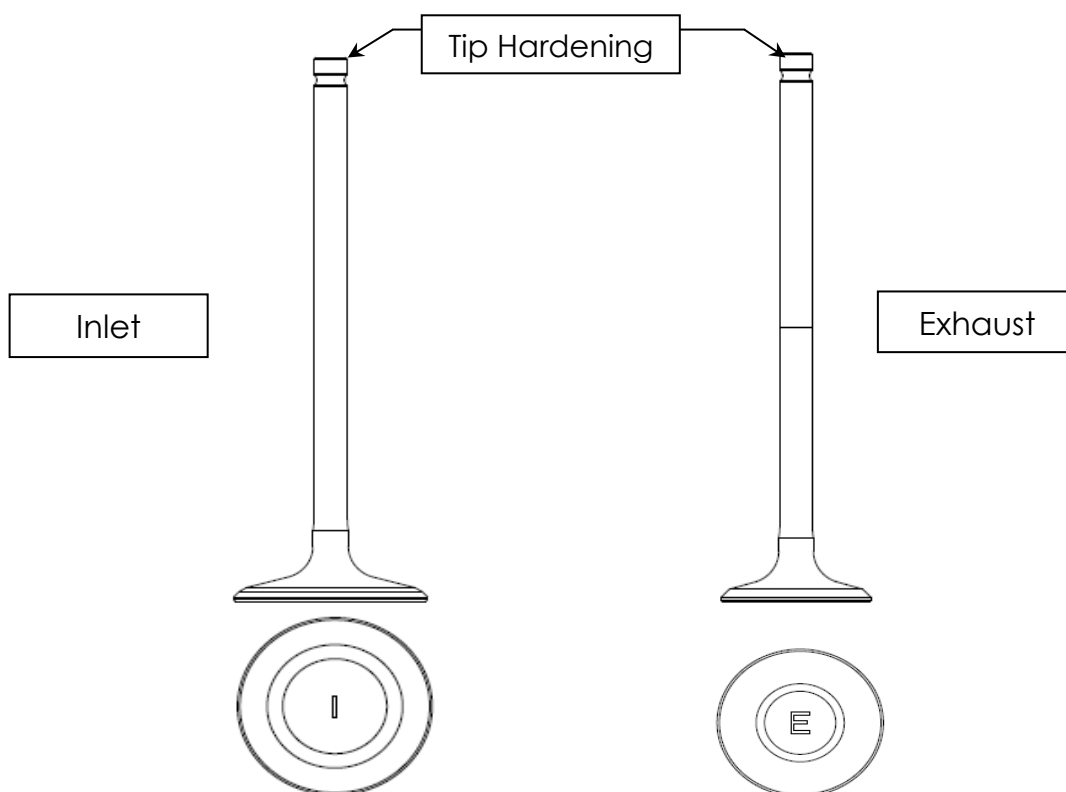
INTRODUCTION CIRCULAR – **SUZUKI GIXXER 150cc - ENGINE VALVES**

USHA is pleased to launch '**SUZUKI GIXXER 150cc**' 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
SUZUKI GIXXER 150cc	Inlet	6527	29.00 X 5.00 X 85.98	Martensitic	Tufftriding	Tip Hardening	I
	Exhaust	6528	23.00 X 5.00 X 85.35	Martensitic	Tufftriding	Tip Hardening	E



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 Hardened	<ul style="list-style-type: none">• Low tip wear
3)	Both inlet & exhaust valves are made of 'Mono' one piece martensitic (magnetic) material.	<ul style="list-style-type: none">• High tip shear resistance

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.

Tip Hardening

Tip of the valves are hardened using surface hardening process called Induction Hardening. The process involves heating tip of the valve to higher temperature & then quenching in a special oil/ water to achieve desired hardness.

These features make USHA **SUZUKI GIXXER 150cc** valves unique, produced to give better performance & longer life.



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