



SHRIRAM PISTONS & RINGS LTD.

New
Launch

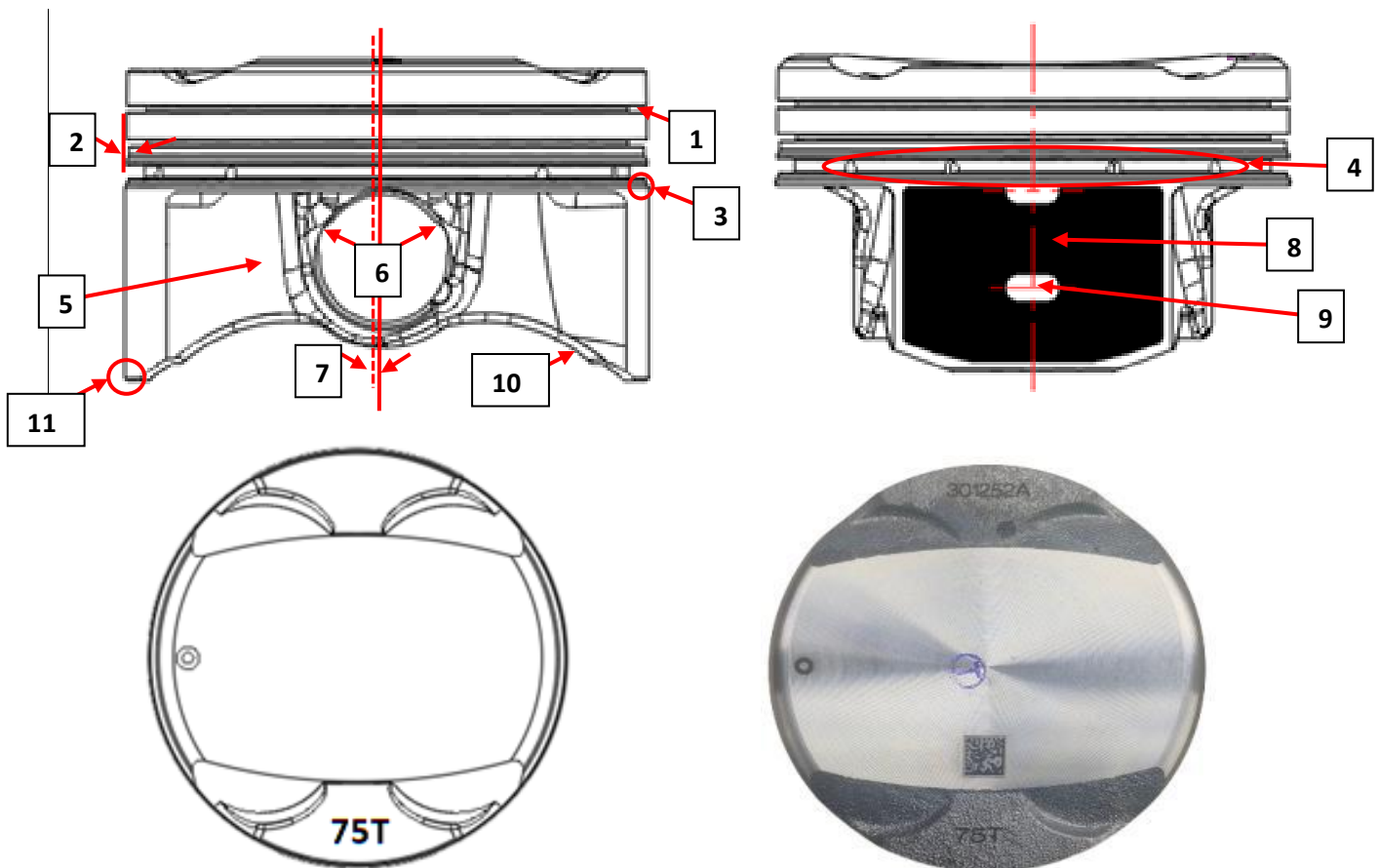
MD: TS: 04/JUN'26 INTRODUCTION CIRCULAR- **SUZUKI SWIFT/ DZIRE 1.2L (2025) 3 CYL. (P)- PISTON SET**

USHA is pleased to launch '**SUZUKI SWIFT/ DZIRE 1.2L (2025 onwards) 3 CYL. (P)**' piston set in its Car/ PV product range.



This piston set has following special features:

PISTON:



Unique features of this piston are as follows: -

SL. NO.	SPECIAL FEATURE	BENEFITS TO CUSTOMER
1)	HARD ANODIZED TOP GROOVE: This piston is provided with hard anodizing in top groove to withstand higher engine temperature for better wear & scuff resistances.	- Increased piston life. - Prevents ring micro-welding/ stickiness in the groove for better performance, hence low oil consumption
2)	STEP CUT IN 2ND RING LAND: This piston has a step cut in second ring land for better seating, stability & functioning of intermediate ring.	Helps in controlling blow-by & reducing oil consumption
3)	'J' CUT: Piston has been provided with a unique 'J' cut below the oil ring groove area.	- Provides all time lubrication to piston skirt - No piston seizure in extreme limits of normal working conditions
4)	HOLES IN OIL RING GROOVE AREA: Two nos. of holes are provided on either side of piston, half in groove & half in window.	- Faster drainage of excess oil - Reduces oil consumption
5)	AS CAST RELIEF IN PIN BORE AREA: This piston is provided with as cast relief in pin bore area which not only helps in faster drainage of oil towards sump but also in avoiding chances of seizure on minor axis.	- Low oil consumption - Longer life
6)	PIN BORE BROACHING: Double broach is done on either side, at the upper portion of the pin bore.	- Relieves stress in pin bore - Improves pin bore lubrication
7)	PISTON - PIN BORE OFFSET: Piston is provided with a piston pin bore offset to avoid piston slap. Piston pin bore offset means that the centre line of piston is slightly offset from the centre line of pin bore. Due to this offset, piston tilts at TDC & BDC smoothly, that prevents slapping with liner.	Reduced engine noise
8)	'Nano-friKS COATING' ON PISTON SKIRT:	- Helps in initial lubrication & seizure free operation - Better wear resistance - Reduces engine noise
9)	MEASURING POINTS ON PISTON SKIRT:	Provided for easy diameter verification

10)	SLIPPER DESIGN: Slipper design helps in reducing piston weight.	- Improves fuel efficiency - Low noise during engine working
11)	SCRAPING CHAMFER: A smooth chamfer is provided at the bottom end of the piston skirt.	Helps in regulating oil supply, reduces skirt wear & hence longer life

TECHNICAL DATA – ‘SUZUKI SWIFT/ DZIRE 1.2L (2025) 3 CYL. (P)’ PISTON	
USHA CODE → CS0-C72	
Nominal Bore Diameter	74.00
Piston Diameter	73.963
Recommended Piston-Liner Clearance	0.037
Compression Height	28.17
Total Height	45.42
Piston Pin length X diameter	44.40 X 18.00
All dimensions are in ‘mm’	

A mark ‘**75T**’ is punched on crown of this piston for identification of this model.

Above features make USHA ‘**SUZUKI SWIFT/ DZIRE 1.2L (2025) 3 CYL. (P)**’ piston set unique, produced to give better performance & longer life.



Technical Product News is an exclusive update of product & information from
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