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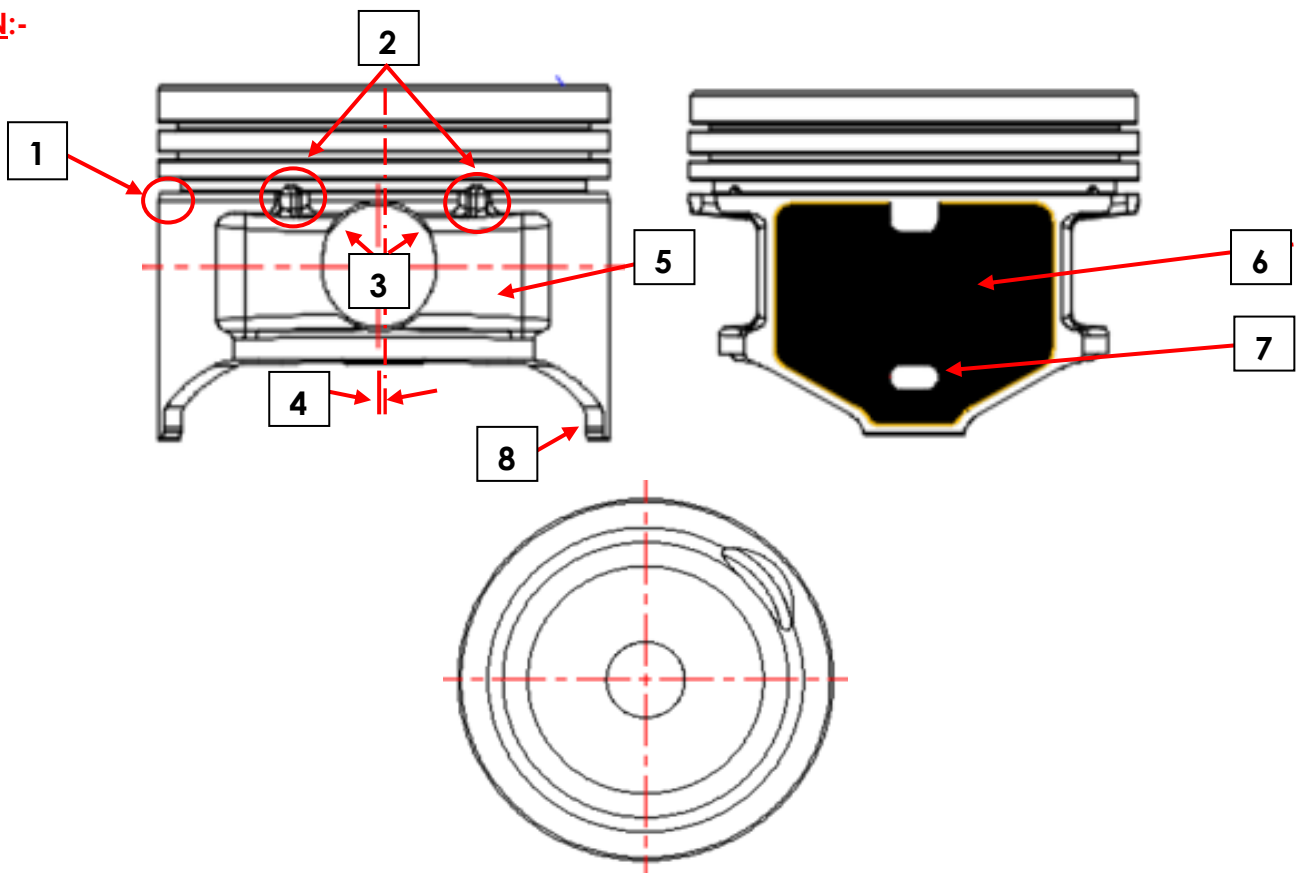
INTRODUCTION CIRCULAR- **HYUNDAI EON – PISTON SET**

USHA is pleased to launch **HYUNDAI EON (P)** piston set in its aftermarket Car/ PV product range.



This piston set has following special features: -

PISTON:-



Unique features of USHA **HYUNDAI EON (P)** piston are as follows: -

SL. NO.	SPECIAL FEATURE	BENEFITS TO CUSTOMER
1)	CHAMFER AT BOTTOM OF OIL RING GROOVE: This piston has an all-round chamfer just below the oil ring groove area.	<ul style="list-style-type: none">• Provides all time lubrication to piston skirt• No piston seizure in extreme limits of normal working conditions

2)	QUICK OIL RETURN SLOTS (QORS): Two nos. of Quick Oil Return Slots (QORS) are provided on either side of piston above the pin bore, half in groove & half in window.	<ul style="list-style-type: none"> Faster drainage of excess oil, hence low oil consumption
3)	PIN BORE BROACHING: Double broach is done on either side, at the upper portion of the pin bore.	<ul style="list-style-type: none"> Relieves stress in pin bore Improves pin bore lubrication
4)	PISTON-PIN BORE OFFSET: The piston is provided with a 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 & prevents slapping with liner.	<ul style="list-style-type: none"> Reduced engine noise
5)	AS CAST RELIEF IN PIN BORE AREA: As cast relief in pin bore area helps in faster drainage of oil towards sump & also avoids chances of seizure on minor axis.	<ul style="list-style-type: none"> Low oil consumption Longer life
6)	'Nano-friKS COATING' ON PISTON SKIRT:	<ul style="list-style-type: none"> Helps in initial lubrication & seizure free operation Better wear resistance Reduces engine noise
7)	MEASURING POINTS ON PISTON SKIRT:	<ul style="list-style-type: none"> Provided for easy diameter verification
8)	SLIPPER DESIGN: Slipper design helps in reducing piston weight.	<ul style="list-style-type: none"> Improves fuel efficiency Low noise during engine working

TECHNICAL DATA – HYUNDAI EON (P) PISTON (ø 67.00 mm)	
USHA CODE→ C49	
Nominal Bore Diameter	67.00
Piston Diameter	66.965
Recommended Piston-Liner Clearance	0.035
Compression Height	24.65
Total Height	48.65
Gudgeon Pin Length X OD	46.50 X 17.00
All dimensions in 'mm'	

Above features make USHA **HYUNDAI EON (P)** piston set unique, produced to give better performance & longer life.



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