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An update from SHRIRAM PISTONS & RINGS LTD.

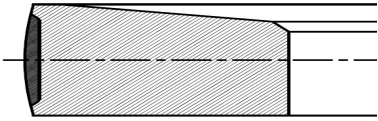
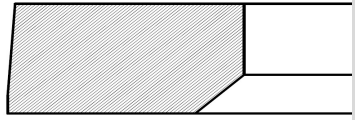
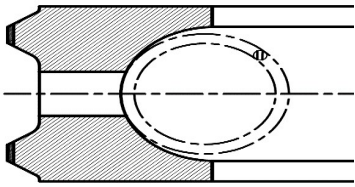
**USHA**<sup>®</sup> is pleased to launch **SONALIKA 100 Rx 'SSTR'** ring set in its Tractor product range.

This ring set has following special features :

ITEM	CONFIGURATION	FEATURES	BENEFITS TO CUSTOMER
TOP RING	Half Keystone Special Steel Chrome Inlaid CR(I)K <sub>HSS</sub>	Special Steel Material (RIK-20A)	Top ring is manufactured using special steel alloy (RIK-20A) which has properties similar to steel. This material has good elasticity and excellent resistance to twisting, breakage & wear.
		Half Keystone Geometry	Upper side of top ring is having keystone geometry which helps in squeezing out excess oil from inside the groove preventing carbon deposition & sludge formation. Bottom side is kept flat which enables better seating of ring in the groove resulting in lesser blow-by.
		Inlaid Chrome Coating	A groove is made on the outer periphery of ring which is filled with chrome for better bonding resulting in excellent wear & scuff resistance.
		Parkerising	Side faces of the ring are parkerised to provide porous surface for oil retention resulting in better lubrication & lesser wear.
2 <sup>nd</sup> RING	Reverse Torsion RT	Taper face	Ring has a Taper on OD to provide line contact with liner resulting in higher wall pressure, hence better sealing.
		Inside bevel on lower face	Ring has a bevel cut on lower inside face due to which ring twists in anti-clockwise direction during suction stroke which locks the groove to avoid blow-by & upward movement of oil.
		Parkerising	Ring is fully parkerised to provide porous surface for oil retention resulting in better lubrication & lesser wear.
OIL RING	Spring Loaded Chrome Plated Cast Iron Profile Ground HTCR (PGV)	Highly Conformable	Ring is provided with a variable pitch coil spring making it highly conformable with the bore which ensures perfect sealing & excellent oil scrapping at all times.

		Chrome Plated & Profile Ground Ring Lands	Ring lands are made uniform throughout the periphery for an effective sealing and efficient scrapping of oil due to sharper edges. Chrome plating provides excellent wear & scuff resistance.
		Parkerising	Ring is parkerised to provide porous surface on side faces for oil retention & lesser wear.

Technical data of SONALIKA 100 Rx 'SSTR' ring set is as under :

TECHNICAL DATA- SONALIKA 100 Rx 'SSTR' RING SET (Ø 100.00 mm)						
USHA Code → T36						
Ring	Ring Configuration	Axial Thickness (mm)	Closed Gap		Surface Treatment	Cross Section
			(mm)	(Thou)		
Top	CR(I)KHSS	3.00	0.25-0.45	10-18	Inlaid Chrome / Parkerising	
Second	RT	2.00	0.65-0.85	26-34	Parkerising	
Oil Ring	HTCR (PGV)	3.00	0.25-0.45	10-18	Chrome Plated lands/ Parkerising	

**USHA**® SONALIKA 100 Rx 'SSTR' ring set is specially designed to reduce oil consumption & blow-by for an excellent performance.



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