



SHRIRAM PISTONS & RINGS

MD: TS: 06/OCT'22

INTRODUCTION CIRCULAR – **ESCORTS FT-98 – 'SSTR' RING SET**

USHA is pleased to launch **Escorts FT-98 'SSTR'** ring set in its Tractor product range.

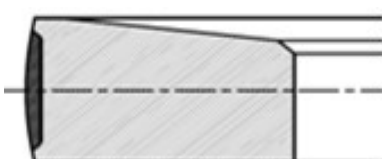
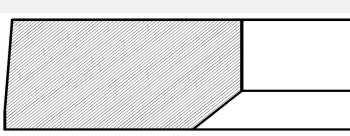
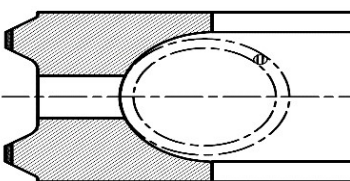


This ring set has following special features:

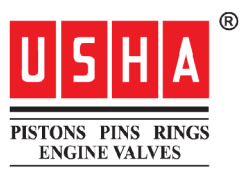
ITEM	CONFIGURATION	FEATURES	BENEFITS TO CUSTOMER
Top Ring	Half Keystone Special Steel Chrome Inlaid {CR(I)K _H SS}	Special Steel Material (RIK-20A)	Top ring is manufactured using special steel alloy which has properties similar to steel. This material has good elasticity and excellent resistance to twisting, breakage & wear etc.
		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 on groove flank 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 nd 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 ensuring 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 **Escorts FT-98 'SSTR'** ring set is as under:

TECHNICAL DATA- ESCORTS FT-98- 'SSTR' RING SET (ø 98.00 mm)						
						USHA Code → T38
Ring	Ring Configuration	Axial Thickness (mm)	Closed Gap		Surface Treatment	Cross Section
			(mm)	(Thou)		
Top	CR(I)K _H SS	2.54	0.20-0.35	08-14	Inlaid Chrome / Parkerising	
2 nd	RT	2.00	0.50-0.70	20-28	Parkerising	
Oil	HTCR (PGV)	3.00	0.25-0.50	10-20	Chrome Plated lands/ Parkerising	

USHA **Escorts FT-98 '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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