




SHRIRAM PISTONS & RINGS

MD: TS: 21/NOV' 23

INTRODUCTION CIRCULAR – **TATA INDIGO 'OSR'**

USHA is pleased to launch **Tata Indigo 'Oil Saver Rings' (OSR)** in its Car aftermarket product range with '**lower end gaps**' especially for re-ringing job.



The ring set will be packed in all new **Blue coloured tin containers** with  sticker pasted on the packaging as shown:

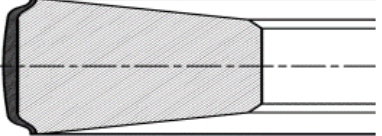
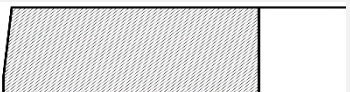
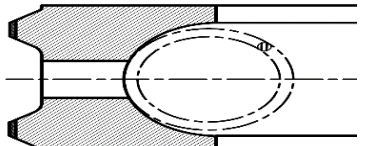


This ring set has following special features:

ITEM	CONFIGURATION	FEATURES	BENEFITS TO CUSTOMER
Top Ring	Special Steel Keystone Chrome {CRKSS}	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.
		Keystone Geometry	Special keystone geometry keeps squeezing out excess oil from the groove, thereby minimizing chances of carbon deposition, sludge formation & preventing ring sticking inside the groove.
		Parkerising	Side faces are parkerised to provide porous surface for oil retention resulting in better lubrication and lesser wear. It also prevents rusting & enhances shelf life.
		Chrome Plating	Outer periphery of the ring is chrome plated which provides excellent wear & scuff resistance.
2 nd Ring	Taper Compression {T}	Taper face	Ring has a Taper on OD to provide line contact with liner resulting in higher wall pressure, hence better sealing.
		Parkerising	Ring is fully parkerised to provide porous surface for oil retention resulting in better lubrication and lesser wear. It also prevents rusting & enhances shelf life.

Oil	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	Side faces are parkerised to provide porous surface for oil retention resulting in better lubrication and lesser wear. It also prevents rusting & enhances shelf life.

Technical data of **Tata Indigo 'OSR'** series ring set is as under:

TECHNICAL DATA- TATA INDIGO - 'OIL SAVER RINGS' (ø 75.00 mm)						
						USHA Code → C02OSR
Ring	Ring Configuration	Axial Thickness (mm)	Closed Gap		Surface Treatment	Cross Section
			(mm)	(Thou)		
Top	CRKSS	2.50	0.20-0.40	08-16	Chrome Plating/ Parkerising	
2 nd	T	2.00	0.25-0.45	10-18	Parkerising	
Oil	HTCR (PGV)	3.00	0.15-0.35	06-14	Chrome Plated lands/ Parkerising	

USHA **Tata Indigo 'OSR'** series ring set is specially designed with '**lower end gaps**' to minimize oil consumption & blow-by while doing re-ringing job for an excellent performance.



Technical Product News is an exclusive update of product & information from
Shriram Pistons & Rings Ltd., 3rd Floor, Himalaya House, 23, Kasturba Gandhi Marg, New Delhi-110001
 Tel: 011-46451100, 23315941, Email: tss@shrirampistons.com, Website: www.shrirampistons.com