

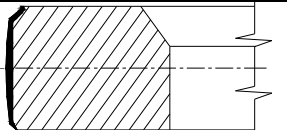
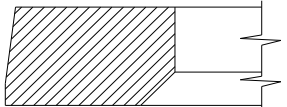
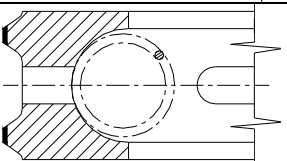
## TECHNICAL PRODUCT NEWS- TATA Ace Zip/Magic Iris Ring Set

USHA is pleased to introduce TATA Ace Zip/Magic Iris 'SSTR' ring set in our SCV range.

This ring set has following special features:

ITEM	CONFIGURATION	FEATURES	Benefits to Customer
<b>TOP RING</b>	<b>Special Steel Inside Bevel Ring</b>	<b>Spl. Steel Material (RIK-20A)</b>	Top ring is made up of special (RIK-20A) alloy which has properties similar to steel. This material has high elasticity, excellent resistance to twisting & breakage and hence longer life.
		<b>Inside Bevel</b>	This ring has an inside bevel cut on upper side face. Due to this cut, ring twists positively during upward stroke & provides better sealing.
		<b>Chrome Plating</b>	Chrome plating provides excellent wear & corrosion resistance. Ring is parkerised to provide porous surface for oil retention & hence better lubrication. As a result life of ring & liner improves.
<b>2<sup>nd</sup> RING</b>	<b>Reverse Torsion Ring</b>	<b>Taper face</b>	Ring has a Taper face on OD surface to provide line contact with liner & hence it provides higher wall pressure & better sealing.
		<b>Inside bevel on lower face</b>	Ring has inside bevel on lower face due to which ring twists in anti-clockwise direction during upward stroke which locks the groove to avoid blow-by & ensures lower oil consumption.
		<b>Parkerising</b>	Ring is parkerised to provide porous surface for oil retention & hence better lubrication.
<b>OIL RING</b>	<b>Spring Loaded Chrome Oil Ring</b>	<b>Highly Conformable</b>	Ring has capability to conform itself to the varying wear of cylinder liner which ensures perfect sealing & excellent oil scraping for lower oil consumption.
		<b>Chrome Plating</b>	Lands are Chrome plated to provide excellent wear & corrosion resistance. This ring is also parkerised to provide porous surface for oil retention & hence better lubrication.

The Technical data for TATA Ace Zip/ Magic Iris ring set is as under:

<b>TECHNICAL DATA- TATA Ace Zip/ Magic Iris 'SSTR' R/S (ø 92 mm)</b>						
<b>Ring</b>	<b>Ring Configuration</b>	<b>Axial Thickness (mm)</b>	<b>Closed Gap</b>		<b>Surface Treatment</b>	<b>Cross Section</b>
			<b>(mm)</b>	<b>(Thou)</b>		
<b>Top</b>	<b>Spl. Steel Inside Bevel</b>	<b>2.50</b>	<b>0.20-0.35</b>	<b>8-14</b>	<b>Chrome Plated</b>	
<b>Second</b>	<b>Reverse Torsion</b>	<b>2.00</b>	<b>0.40-0.60</b>	<b>16-24</b>	<b>Parkerised</b>	
<b>Oil Ring</b>	<b>High Tension Chrome Conformable</b>	<b>3.50</b>	<b>0.30-0.50</b>	<b>12-20</b>	<b>Chrome Plated</b>	

TATA Ace Zip/ Magic Iris SSTR ring set has been specially designed for lower oil consumption & blow-by.